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# The Future of Editing: A Textual Analysis of Three Wikipedia Articles

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THE FUTURE OF EDITING: A TEXTUAL ANALYSIS OF THREE *WIKIPEDIA*  
ARTICLES

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A Thesis  
Presented to  
the Graduate School of  
Clemson University

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In Partial Fulfillment  
of the Requirements for the Degree  
Master of Arts  
Professional Communication

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by  
Lara Monica Tellis  
December, 2010

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Accepted by:  
Dr. Susan Hilligoss, Committee Chair  
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Dr. Summer Taylor

## ABSTRACT

This thesis is a case study analyzing the revisions made to three *Wikipedia* articles, “The Hitchhiker’s Guide to the Galaxy,” “2009 Northwestern Wildcats football team,” and “Murder of Annie Le,” in September, 2009. After tracking and coding the revisions made to each of these three articles using categories developed by Sam Dragga and Gwendolyn Gong and Lester Faigley and Stephen Witte, I describe the types of changes made to *Wikipedia* articles, the differences in changes made to articles at different levels on *Wikipedia*’s quality scale, and the features that make online editing distinct from print editing.

## DEDICATION

This thesis is dedicated to all *Wikipedia* editors, especially those who edited “The Hitchhiker’s Guide to the Galaxy,” “2009 Northwestern Wildcats football team,” and “Murder of Annie Le” in September, 2009. Without your contributions, this thesis would not have been possible. I admire your tireless efforts to ensure that *Wikipedia* remains a speedy and reliable source of information on just about everything.

## ACKNOWLEDGMENTS

First, I would like to thank my committee chair, Dr. Susan Hilligoss, who never failed to encourage my progress throughout this arduous process. Thanks also to the other two members of my committee, Dr. Tharon Howard and Dr. Summer Taylor, for their helpful suggestions. I am also grateful to my parents, Cyril and Veronica Tellis, for supporting me both financially and emotionally for the past year. Although I may not always show it, I am appreciative of everything you have done for me.

## TABLE OF CONTENTS

	Page
TITLE PAGE .....	i
ABSTRACT .....	ii
DEDICATION .....	iii
ACKNOWLEDGMENTS .....	iv
LIST OF TABLES .....	vii
LIST OF FIGURES .....	viii
CHAPTER	
I. INTRODUCTION .....	1
Literature review .....	3
Theoretical framework .....	10
Research questions .....	21
II. METHODOLOGY .....	23
Text selection .....	23
Data collection and analysis .....	26
Evolution of and limits to the coding process .....	54
III. RESULTS .....	56
Number of revisions .....	57
Overview of changes .....	64
A More detailed look at changes to each article .....	65
IV. DISCUSSION .....	72
“The Hitchhiker’s Guide to the Galaxy” .....	73
“2009 Northwestern Wildcats football team” .....	76
“Murder of Annie Le” .....	81
Follow-up: The Articles today .....	91

Table of Contents (Continued)

	Page
Limitations of this study .....	97
V. CONCLUSION.....	98
Building on previous research .....	98
Democracy vs. accuracy .....	101
WikiProjects: Focusing on what you love .....	102
Multiple and dynamic style guides .....	103
Quality scales and social construction .....	105
Additions over deletions .....	106
Birth of an article .....	108
Where can we go from here? .....	108
APPENDICES .....	113
A: Revision data for “The Hitchhiker’s Guide to the Galaxy” .....	114
B: Revision data for “2009 Northwestern Wildcats football team” .....	119
C: Revision data for “Murder of Annie Le” .....	128
WORKS CITED .....	369

## LIST OF TABLES

Table		Page
2.1	Editor <i>TomCat4680</i> 's Revision to "2009 Northwestern Wildcats football team .....	28
2.2	Coding categories and colors .....	37



## LIST OF FIGURES

Figure	Page
2.1	Revision history of “The Hitchhiker’s Guide to the Galaxy” for September, 2009. .... 30
2.2	Editor <i>Bsuorangecrush</i> ’s user page ..... 34
2.3	Categories at the bottom of “Murder of Annie Le” article (as of 5/21/2010) ..... 50
2.4	“Murdered Students” category page (as of 5/21/2010) ..... 50
3.1	Number of revisions made per day to “Murder of Annie Le,” “The Hitchhiker’s Guide to the Galaxy,” and “2009 Northwestern Wildcats football team” ..... 60
3.2	Number of revisions made to “The Hitchhiker’s Guide to the Galaxy” in September, 2009 ..... 61
3.3	Number of revisions made to “2009 Northwestern Wildcats football team” in September, 2009 ..... 62
3.4	Number of revisions made to “Murder of Annie Le in September, 2009 ..... 63
3.5	Number of changes to “Murder of Annie Le,” “The Hitchhiker’s Guide to the Galaxy,” and “2009 Northwestern Wildcats football team” by four main canons: <i>invention</i> , <i>arrangement</i> , <i>style</i> , and <i>delivery</i> ..... 65
3.6	Percentages of changes to “The Hitchhiker’s Guide to the Galaxy” in each category ..... 68
3.7	Percentages of changes to “2009 Northwestern Wildcats football team” in each category ..... 69
3.8	Percentages of changes to “Murder of Annie Le” in each category ..... 71

## List of Figures (Continued)

Figure	Page
4.1 Revision made to “The Hitchhiker’s Guide to the Galaxy” by Editor <i>67.175.32.232</i> on September 5.....	74
4.2 The warning about spelling that appears at the top of the editing page of “The Hitchhiker’s Guide to the Galaxy”.....	75
4.3 Editor <i>Rjanag</i> ’s user page.....	76
4.4 The information about WikiProjects that appears on the “2009 Northwestern Wildcats football team” discussion page.....	79
4.5 Comparison of the 9/27/09 version and the 6/27/10 version of “The Hitchhiker’s Guide to the Galaxy” .....	93
4.6 Comparison of the 9/30/09 version and the 6/30/10 version of “2009 Northwestern Wildcats football team”.....	95
4.7 Comparison of the 9/30/09 and the 7/9/10 version of “Murder of Annie Le”.....	96

## CHAPTER ONE

### INTRODUCTION

This thesis explores how the process of editing is changing as a result of Web 2.0 technologies, specifically *Wikipedia, the Free Encyclopedia*. Paul McFedries defines Web 2.0 as “a second phase in the development of the World Wide Web in which developers create Web sites that look and act like desktop programs and encourage collaboration and communication between users” (68). Web 2.0 has made it possible for people without knowledge of computer programming to create and revise online texts through forums, such as weblogs (blogs) and wikis. This technology has changed the way we view knowledge and its construction.

Although Sam Dragga and Gwendolyn Gong published their book, *Editing: The Design of Rhetoric*, well before the advent of Web 2.0, they introduce some concepts that are important to consider when editing online. They emphasize early on that “editing is not merely a mechanical procedure, but a complex and creative process” (9). Editors are responsible for much more than spelling, grammar, and punctuation; they provide ideas and work with writers from the inception of the text. Dragga and Gong also “emphasize the importance of the rhetorical canons in the editing process” and apply these concepts to visual as well as verbal texts (9). Visual presentation is becoming increasingly important as people look to the Internet rather than print sources for information.

As a result of Web 2.0, collaboration among writers, editors, and readers is becoming increasingly popular. This collaboration is now essential to the editing process. In her technical editing textbook, Carolyn D. Rude includes an entire chapter on

collaborating with writers. She states that editors must have good management and interpersonal skills as well as editing skills in order to succeed. She also points out that “if editor and writer collaborate, they create more effective documents than either could do alone” (35). This idea of collaboration is the fundamental principle behind Web 2.0.

Today, knowledge is far more widely available than it was in the past. Access to the Internet is widely available, and people can visit websites like *Wikipedia* to obtain information on virtually every subject. If users see errors, they can correct them quickly and easily. Gatekeepers who are passionate about openly sharing knowledge monitor these sites to ensure that they remain accurate. Anyone can read, write, or edit<sup>1</sup> the articles on *Wikipedia*. In fact, it is necessary to assume all three roles to take full advantage of the site.

As an aspiring editor, I am interested in how my chosen field is changing in response to the democratization of knowledge made possible by wikis. At this time, there has been very little scholarly research on editing and even less on editing wikis. Dragga and Gong apply Aristotle’s rhetorical canons to professional editing, but their book was published in 1989 and therefore does not address editing in an online environment. It is, however, the most recent work that closely examines both the theoretical background and practical applications of editing.

In 2008, John Jones published a study of ten *Wikipedia* articles that had been nominated for *featured* article class. He explains that “the most promising measure of

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<sup>1</sup> The terms *edit* and *revise* are used interchangeably on *Wikipedia*. Page histories may be called *edit histories* or *revision histories*, and changes may be called either *edits* or *revisions* (“Help:Page History”). Following this example, I may refer to changing the text as *editing* or *revising*. For the purpose of this study, a *revision* refers to all the changes an editor makes to an article at a specific time. Each *revision* may have more than one *change*. I elaborate on this in the methodology chapter.

quality in [*Wikipedia*] is the Featured Article Class (FAC), a group of articles determined by the community to be the best” (Jones 266). In his review of literature on revision practices, he only lists articles written in the 1980s, reflecting the lack of recent research on editing (Jones 263). When developing categories to classify revisions made to *featured* articles in *Wikipedia*, he relied on definitions developed by Lester Faigley and Stephen Witte in 1981 (Jones 270). As I will explain more fully in “Theoretical Framework” and the methods chapter, for my study of *Wikipedia* articles, I used Dragga and Gong and also followed Jones’ example by using Faigley and Witte to help further define my coding categories.

Observing and analyzing wiki articles is helpful in explaining how the online editing process works and how it differs from traditional print editing. I was particularly interested in how sites like *Wikipedia* balance the desire to allow anyone to make contributions and the need for information to remain accurate to retain credibility.

### **Literature review**

This section provides some background information on editing. First, there is an overview of editors’ roles from before the invention of the printing press to the present. Then I explain the origins and functions of wikis and discuss *Wikipedia* as the most notable example of this genre. In particular, I examine *Wikipedia*’s guiding principles and the roles of different groups of editors within the project. By reviewing literature on editing and explaining how *Wikipedia* works, I establish a foundation for my research.

## **Brief history of editing**

According to Susan Bell, an editor's primary function is to read well (182). She goes on to connect reading well to freedom of thought, describing editors as "liberated to...think hard about [information], interpret, and, ultimately, influence it" (183). Over time, the amount of control an editor has over text has varied greatly. Scribes can be seen as the first editors. They were expected to copy text verbatim without paying attention to what they wrote (Bell 185). With the advent of the printing press in the late 15<sup>th</sup> century, the role of the editor underwent a drastic change. Editors often worked on the writings of dead authors, so they had great creative license to change texts. When selecting books, people considered the merits of the editor as well as the author (Bell 186). In the 20<sup>th</sup> century, editors began to practice collaboration with writers (Bell 195). As rules about censorship and the structure of language relaxed, editors had to learn to be more flexible and compromise with writers. Some writers, such as Ezra Pound, began to edit as well (Bell 197).

Rude provides a practical overview of the contemporary editing process. She describes technical editing as follows:

Editing requires knowledge of language and procedures of marking documents, but good editorial decisions also require knowledge of how those decisions affect the rest of the process and the effectiveness of the document as readers will use it...The ultimate goal is an effective document as measured not just by language standards but also by ethical and usability standards" (Rude 14).

Rude divides the editing process into two major phases, project development and production. In the project development stage, the editor(s) must begin by defining the purpose and audience of the document, who will be working on it, and how much time will be allotted to complete it. The writers then work on researching and writing. As the article is being written, it should also be edited and tested for usability. In the production stage, editors work on the visual design of the document, proofread the final version, and then submit it to printers or publish it online (Rude 14).

Rude emphasizes that the “process is not entirely linear” (15). The purpose of the project may be redefined as it is being written, and parts of the document may be edited while other parts are being written. In addition, the visual design may begin early in the development of the document. During the process, editors and writers must communicate. Web 2.0 has facilitated the communication process. Document sharing programs, such as Google docs, allow writers and editors to work together even when they are not in the same location. Although Rude acknowledges that certain steps may be revisited, the editing process she describes has a clear end. In a flow chart, she illustrates each stage in the process; the final three are *production edit*, *proofreading*, and *printing or online launch* in that order (Rude 14). The final copy editing happens after the content is complete, and once the document has been printed or launched, it is finished. As I will explain further in the next section, these final steps do not translate to the wiki environment.

Editors no longer wield the power they had in the past; instead, they have become more accountable to the public. Although anyone can edit an article on *Wikipedia*, no

one can be said to have the last word on a subject. Contributors to this project must be prepared to have their words modified or even eliminated by others. While collaboration takes power away from a few, it also gives ordinary people the opportunity to share their knowledge with the general public. Web 2.0 has made the editing process more democratic, although there is still a hierarchy of editors for the purpose of quality control, which I will discuss in the next section.

### **Origins and functions of wikis**

*Wikipedia* defines wikis as “website[s] that use wiki software, allowing the easy creation and editing of any number of interlinked Web pages, using a simplified markup language or a WYSIWYG text editor, within the browser” (“Wiki”). The acronym WYSIWYG stands for “What You See Is What You Get.” This type of platform is generally used by people who are not familiar with markup language. It enables a contributor to see exactly how the final product will look when it is published to the website. *Wikipedia* uses a simplified markup language.

The word *wiki* is derived from the Hawaiian word *wikiwiki*, meaning quickly (Descy 4). The name is apt, because information on a wiki can be written, read, and edited very quickly. The word *wiki* can also be expanded into the phrase, *what I know is*, but this came about after the invention of the word (“Wiki”). Don Descy describes wikis as “true democracy at work” (4). All users have the ability to make contributions.

The first wiki, *WikiWikiWeb* was created by Ward Cunningham and launched on March 25, 1995 (“Wiki”). It is still in use today. In addition, there are plenty of sites,



known as Wiki Farms, that host wikis for little to no cost. The Wikimedia Foundation owns several wiki projects, including *Wikipedia*, *Wiktionary*, and *Wikibooks* (Descy 4-5). Users continually update these projects, so the information remains current.

Though it was founded six years after *WikiWikiWeb*, *Wikipedia* has become arguably the most visited wiki on the World Wide Web. As of April 21, 2010, English *Wikipedia* has over 12 million registered users and more than 3 million articles. These statistics do not include all the other language versions of the encyclopedia (over 270) or the unregistered users who are identified solely by their IP addresses. Since so many people consult and/or contribute to this online encyclopedia, I felt it was worthy of analysis.

*Wikipedia* has guiding principles, known as the five pillars. The first pillar is: “Wikipedia is an encyclopedia.” This means that its purpose is to provide information, not to promote individual agendas. Users are encouraged to contribute non-encyclopedic content, such as definitions, news articles, or original sources, to Wikipedia’s sister projects (Wikipedia:Five pillars”).

The second pillar is “neutral point of view. This means that “all *significant* views that have been published by reliable sources... must be represented fairly, in a disinterested tone, and in rough proportion to their prevalence within the source material” (“Wikipedia: Neutral point of view). Editors are discouraged from adding their personal opinions to articles. The third pillar explains that *Wikipedia* is free content. Contributors surrender all rights to material they write for *Wikipedia*. Their contributions are made

immediately available to the public and can be edited by anyone with Internet access (“Wikipedia:Five pillars”).

The fourth pillar is about civility. *Wikipedia*’s editors are instructed to “interact in a respectful and civil manner” (“Wikipedia:Five pillars”). This means being welcoming to newcomers, assuming good faith, and avoiding personal attacks. The fifth pillar states that there are no firm rules in *Wikipedia*. Editors are encouraged to “be bold” in making revisions without worrying about perfection. Since all previous versions to articles are saved, no mistakes are irreparable. (“Wikipedia:Five pillars.”)

While anyone with Internet access is able to edit articles in *Wikipedia*, the encyclopedia does have a hierarchical structure. There are several different levels of access given to *Wikipedia*’s users. The lowest level is occupied by unregistered users. Those users who have not created accounts and are identified solely by IP addresses cannot create new articles, other than talk pages, upload files or images, move pages, or edit pages that have been protected by administrators. (“Wikipedia:User access levels”). In addition, an unregistered user must answer a Completely Automated Public Turing test to Tell Computers and Humans Apart, CAPTCHA, before he or she can add external links” (“Wikipedia:User access levels;” “CAPTCHA”).

A user who has recently created an account is known as a new user. New users are able to create pages, email other users, mark edits as minor, and customize the way they view *Wikipedia*. However, they must still answer CAPTCHAs when adding external links, and they cannot move pages or edit pages that have been protected (“Wikipedia:User access levels”). It does not take long for a new user to become

confirmed. Once a user has had an account for at least four days and has made at least ten edits, *Wikipedia* autoconfirms him or her (“Wikipedia:User access levels”). My account, under the username *Editor Lara*, has been autoconfirmed, because I have been registered for over a year and have made 27 revisions since joining *Wikipedia* (“User contributions for Editor Lara”). As a confirmed user, I can now move pages, upload files to *Wikipedia*, and edit semi-protected pages. Users who don’t want to wait for the four days and ten edits can request to be confirmed by administrators (“Wikipedia:User access levels”).

Administrators have more abilities than ordinary users. They can delete pages, protect pages from being edited by other users, and block or unblock other user accounts (“Wikipedia:User access levels”). In order to become an administrator, a user must be nominated. Other users then discuss the person’s merits as an editor and whether he or she is worthy of becoming an administrator (“Wikipedia:Administrators”). The purpose of this discussion, like all discussions on *Wikipedia*, is not simply to vote, but to make reasonable arguments and reach consensus (“Wikipedia:Administrators;” *Wikipedia:Consensus*). After seven days, a bureaucrat closes the discussion and determines the outcome (“Wikipedia:Administrators”).

Bureaucrats have even more power than administrators. As previously mentioned, they can grant other users administrator status, but they are expected to do this only if consensus has been reached. They can also decide whether or not to allow other editors to use bots and/or change their usernames. In order to become a bureaucrat, a user must go through a nomination and discussion process similar to that used to grant administrator

status, although bureaucrats are held to higher standards in accordance with their greater responsibilities (“Wikipedia:Bureaucrats”).

Stewards have the highest level of access, not only on *Wikipedia*, but on all *Wikimedia* projects. They can change all other users’ access levels. Stewards act as bureaucrats or administrators when needed. They also deal with problems that occur across wikis. Elections for stewards are held every year. Although there is no limit to the number of stewards elected, a simple majority is not enough for a user to achieve steward status. He or she must have at least 80% supporting vs. opposing votes and at least 30 supporting editors. During the elections, the Wikipedian community also discusses the merits of the stewards up for election. After this open discussion period, stewards engage in private discussions before confirming the new stewards (“Stewards”).

### **Theoretical framework**

Wikis differ from print editing in that they are overt examples of socially constructed knowledge, and the editorial decisions made about wiki articles are accessible to public. That is not to say that printed works are not also socially constructed. Bruno Latour and Steven Woolgar discuss the presence of social construction in scientific research. In their observations of scientists at work, they point out the social factors are inextricably linked with research, even in the hard sciences (Latour and Woolgar 22). They describe scientific order as “constructed out of chaos” by social factors (Latour and Woolgar 33-4). Writing is a means of creating order. Latour and Woolgar coin the term *inscription device*, meaning “any item of apparatus or

particular configuration of such items which can transform a material substance into a figure or diagram which is directly usable” (51). Scientists recognize the relationship that these figures and diagrams have to the materials in their laboratory and can therefore use these inscription devices to bring order to their work. In much the same way, writers use words as inscription devices. “Writing [is] not so much a method of transferring information as a material operation of creating order” (Latour and Woolgar 245). So when people write and edit in wikis, they are not just transcribing information, but structuring it so that others can understand it.

As we can see from Latour and Woolgar’s example, the social construction of articles published in academic journals is largely hidden from the public. Editors of academic journals still function as gatekeepers, determining what knowledge can be included in their disciplines. In order to be published in peer-reviewed journals, scholars must sometimes accept many revisions to their works, especially if they are new to their fields. Greg Myers observed that scientists often need to revise their work and make lower-level claims before they are accepted by their community. “Higher level claims are likely to be profound but risky, while lower level claims are likely to be taken as correct, but are also likely to be trivial” (602). Researchers must find a balance between these claims, so that their findings are seen as significant but not too radical. This requires careful self-editing.

All these decisions about which claims are acceptable to a specific discipline and how new information must be presented take place before publication. By the time a reader sees an academic article, the social construction is completed. It is easy for the

public to overlook revisions that occur before publication, so that many people consider printed works to be more “factual” than wiki articles. The same editorial decisions that occur in print prior to publication happen in wikis as well. The difference is that wikis are published before all these decisions have been finalized. On *Wikipedia*, readers can see all the revisions that have been made to an article as well as editors’ discussions about these revisions. This transparency alerts readers to the social construction of knowledge and may cause them to question the “truth” of *Wikipedia* articles.

### **Socially produced knowledge**

Peer production is a process by which individuals can work together to produce information. Wikis provide platforms to facilitate this trend. Don Tapscott and Anthony D. Williams define peer production as “a way of producing goods and services that relies entirely on self-organizing, egalitarian communities of individuals who come together voluntarily to produce a shared outcome” (67). They go on to explain that there are elements of hierarchy to peer production, namely that the most skilled members of the community assume leadership roles. Many of these peer production communities are voluntary and nonmonetary; people contribute as much as they want, and most of them are not paid for their efforts. They are motivated by the satisfaction their work brings them (Tapscott and Williams 67-70).

Tapscott and Williams identify three conditions under which peer production works best: the product is information or culture, tasks can be broken down into small pieces that individuals can work on independently, and the cost of combining these small pieces into the final product is low (70). All three of these conditions apply to wikis: the

product is information; tasks can be broken down by subject; and the cost of the web platform is low. In the past, peer production was mostly limited to software development; people without technical knowledge could not participate in the process. However, wikis have made it possible for individuals to contribute in whichever ways they are most qualified.

Patricia Sullivan discusses how the roles of writers and editors have changed as technology advances. In the past, writers and publishers had distinct roles. The writer was concerned solely with the content of the text, while editors and publishers handled issues of structure, such as page layout (Sullivan 43). Once the writer handed the text off to the publisher, he or she had little control over its final presentation. As early as 1991, Sullivan predicted that the roles of writers and editors would merge. As a desktop publishing software becomes widely available, “the writer is entering an era where the published page is more directly under her or his control” (Sullivan 44).

Web 2.0 has further closed the gap between writers and editors. In the first version of the web, everyone had access to sites, but only experienced programs could create them. Now, “as users and computing power multiply and easy-to-use-tools proliferate, the Internet is evolving into a global, living, networked computer that anyone can program” (Tapscott and Williams 19). A person with a very basic knowledge of computers can create an online presence through sites like blogger.com and PBWorks (originally PBWiki). Writers not only create text, but can modify its appearance by choosing from a number of available templates. In addition, they can return to their sites at any time to correct errors or add new information. With wikis, others can also make

changes to the text. Anyone can be a writer and/or an editor. Sullivan's article explains how writers can take control of the page, but through web 2.0 technology editors and readers have the same power and responsibility over the text and its presentation.

Not only are the roles of writers and editors merging, the editing process itself is changing. Past studies of print editing have found that experienced writers tend to make revisions to content first. Once these major revisions are complete, they make minor revisions, which do not alter the meaning of the text significantly. Inexperienced writers were found to make mainly surface changes, such as spelling and grammar, leaving the content largely unchanged (Faigley and Witte 407-408; Jones 263-264). These patterns make sense for traditional print editing, in which a writer will produce a complete first draft and make changes in subsequent drafts. When it comes to online editing however, these assumptions no longer hold true. First iterations of *Wikipedia* articles are often only a few sentences. Editors make revisions to writing style as they add content. As articles expand, their content and style improve simultaneously.

### **Previous revision research**

Although most previous revision research focused on editing for the print medium, it is still helpful in establishing the categories for coding revisions made to *Wikipedia* articles. Faigley and Witte's study, which Jones used to establish coding categories for his examination of *Wikipedia* articles, sampled the work of three types of writers: students from a remedial writing class, students from an advanced writing class, and professional writers. The writers followed a three-step process to create essays. On



the first day, they brainstormed and took notes; on the second day, they wrote first drafts; and on the final day, they incorporated revisions into final drafts (Faigley and Witte 406).

Faigley and Witte devised a system of categorization for alterations to texts, dividing them into *surface changes* and *meaning changes*. The major distinction between these two types of changes is that the former do not alter the meaning of the text and the latter do (Faigley and Witte 401).<sup>2</sup> Surface changes are further subdivided into formal changes, such as spelling, grammar, and punctuation, and meaning-preserving changes, which “‘paraphrase’ the concepts in the text, but do not alter them” (Faigley and Witte 402-403). Meaning, or text-based changes, are subdivided into macrostructure or microstructure changes; macrostructure changes are those that would alter the summary of a text, while microstructure changes do not. (Faigley and Witte 404-405). In my methodology chapter, I will discuss these categories further and explain how I incorporated them into my own coding scheme. Faigley and Witte’s results indicate that experienced writers made more meaning changes, while inexperienced writers made mainly surface changes (407).

Using the coding system established by Faigley and Witte, Jones conducted a study of revision patterns in *Wikipedia*. He selected 10 *Wikipedia* articles that had been nominated for *featured* article class, five that achieved this ranking and five that were denied it (Jones 270). He then tracked all the revisions made to each article from its creation until June, 2007 and coded them according to four major categories: *Wikipedia*

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<sup>2</sup> Although Faigley and Witte claim that surface changes do not alter the meaning of text, some may argue that any change, however small, affects meaning by altering the reader’s perception of a text. While there is truth to this, I use Faigley and Witte’s categories to distinguish content changes from stylistic ones.

policy violations, macrostructure, microstructure, and format (Jones 270-272). *Wikipedia* policy violations included vandalism, reverts, and disambiguation. Vandalism is “any addition, removal, or change of content made in a deliberate attempt to compromise the integrity of *Wikipedia*” (Wikipedia:Vandalism). Reverting refers to “returning an article to an earlier version” or “any action that reverses the actions of others” (“Help: Revert”).

As previously mentioned, Faigley and Witte define macrostructure changes as “major revisions that would alter the summary of a text” and microstructure changes as those that “would not affect the summary of a text” (404). Although Faigley and Witte differentiate meaning changes from surface changes, Jones does not make this distinction. Instead, his *microstructure* category includes spelling, grammar, and punctuation corrections as well as minor additions and deletions to content (Jones 270, 272). Jones classified changes to images and links as formatting revisions (272). Revisions that did not fit into any of the four major categories (*Wikipedia* policy violations, macrostructure, microstructure, and formatting) were placed in an *other* category.

Jones found that additions greatly outnumbered deletions in the *featured* articles he studied. He explains that “Wikipedia articles...tend to grow in size over time” (Jones 279). The *Wikipedia* community encourages this expansion by “encourag[ing] editors to split large articles into smaller, more specific ones, rather than deleting material from them” (Jones 280). It appears that *Wikipedia*’s editors favor including as much information as possible in the encyclopedia over deleting material that might be deemed unnecessary or irrelevant. Another finding of this study is that very few revisions were

made to alter the structure of *featured* articles (Jones 280). Jones explains that this may be due to advantages being given to early editors of articles. Once an article's structure has been established, later editors appear reluctant to change it. Instead, "later edits [tend] to expand and develop sections of [an] article, rather than rearrange them" (Jones 280).

Jones discovered that vandalism, which he defines as "add[ing] information that is not related to the article or that is generally contrary to the goals of *Wikipedia*," was more frequent after articles had achieved *featured* status (268, 282). He attributed this to the increased visibility of *featured* articles (282). *Wikipedia* has a page that lists *featured* articles by category, and a different *featured* article is displayed everyday on the main page ("Main page" and "Wikipedia:Featured articles").

Jones' most significant finding was that articles that *Wikipedia*'s editors found worthy of *featured* article status had significantly higher percentages of microstructure revisions than those that were not selected for the *featured* article class (282). While studies of print editing, like Faigley and Witte's, found that higher quality writing had more macrostructure changes than lower quality writing, Jones' results contradict this (Jones 282). Jones attributes these results to the wiki medium. In an online environment, information is readily available, while quality writing is harder to find. Well-organized articles with good prose are more likely to be designated as *featured* articles than those that have a lot of information, but do not meet *Wikipedia*'s standards of writing style (Jones 282-283). Jones' article provides an example of how changes to *Wikipedia* articles can be coded and illustrates some of the key differences between editing for print and

editing wikis. Like him, I use Faigley and Witte's terms to classify changes and examine the features that make editing on *Wikipedia* distinct from print editing.

According to Dragga and Gong, editing is a rhetorical process. They see the editor as a mediator between writer and reader (9). This reflects Rude's ideas about the importance of collaboration between writers and editors. Sam Dragga and Gwendolyn Gong relate editing to four principles of rhetoric, as first defined by Aristotle: *invention*, *arrangement*, *style*, and *delivery*.

The first canon, *invention* is defined as "the...art of finding effective arguments and pertinent information about a subject" (Dragga and Gong 16). Although it may seem like invention is the writer's job, an editor can participate by analyzing the intended audience, fact-checking, and referring the writer to additional sources of information (Dragga and Gong 12). When it comes to online communication, the order of this process may vary. After an article is created, interested contributors find additional information. They also correct inaccuracies in the text. The audience for public wikis, such *Wikipedia*, is large and varied; however, editors can meet readers' expectations by ensuring that articles conform to established guidelines. The broad category of invention includes the types of changes that add new information, remove old information, or change the meaning of the article in any way. This information may be either textual or visual.

The second canon, arrangement, refers to the structure of the argument. The five major sections of an argument recognized by classical rhetoricians are: introduction, explanation of the subject, evidence for the argument, examination and rejection of opposing viewpoints, and conclusion (Dragga and Gong 45). However, Dragga and

Gong draw on the ideas of twentieth century theorists Paul Rodgers and Willis Pitkin and take a more holistic approach to arrangement. Instead of dividing a text into sections, they recommend looking at the whole text while keeping in mind certain guidelines (Dragga and Gong 46).

The first guideline is verbal-visual orientation. Dragga and Gong point out that graphics have traditionally been viewed as secondary to the written text (47). They oppose this idea and emphasize the importance of considering the audience when deciding how many visuals to include in a text. Some texts may be highly verbal with few visual cues, while others may convey information primarily through visual elements (Dragga and Gong 47-49). *Wikipedia* has strict guidelines on how images can be used. When adding an image, a contributor must ensure that there is no violation of copyright, that the object referred to is prominent, and that the image is “large enough to reveal relevant details without overwhelming the surrounding text” (“Wikipedia:Images”). Articles on *Wikipedia* tend to be text heavy. The site explains “We want more images...but we want usable images” (“Wikipedia:Ten things you may not know about images on Wikipedia”). These guidelines about copyright and usability seem to prevent many images from being uploaded to the site.

The second guideline under the arrangement canon is organization. According to Dragga and Gong, the purpose of organization is predictability. “The reader, given the initial piece of information in the sequence, is able to predict or anticipate how the subsequent piece of information will connect to it” (Dragga and Gong 49). There are several different types of organization that can be used. The first version of a *Wikipedia*

article may be a single section containing a few sentences about the topic. Jones found that these initial sentences often remain in the article in the form of an introduction while editors expand upon the subject in question (280). In his sample, very few structural changes were made to *Wikipedia* articles. Editors added sections, but they did not often reorganize existing information (Jones 280).

*Wikipedia* recommends dividing information into sections using headings and subheadings, which help users navigate larger articles (“Wikipedia:Manual of Style”). *Wikipedia* articles usually begin with a few introductory paragraphs, followed by a table of contents; users can click on headings to find more specific information about the subject. Contributors are advised to “change a heading only after careful consideration,” because doing this breaks links to the section to which the heading refers (“Wikipedia:Manual of Style”).

Dragga and Gong also mention the importance of coherence and cohesion in the arrangement of a text. Readers need to understand both the meaning of a sentence and how it relates to previous sentences. The same principle applies to paragraphs, sections, and visual devices (Dragga and Gong 53).

The third canon Dragga and Gong discuss is *style*. They divide verbal style into three levels: lexical, grammatical, and mechanical. At the lexical level, the author chooses words; at the grammatical level, she organizes the words into sentences; and at the mechanical level, she chooses spelling and punctuation (Dragga and Gong 83). These choices vary according to the factors, such as purpose, setting, and audience expectations. Stylistic changes are similar to what Faigley and Witte term *surface changes*.

The fourth canon discussed by Dragga and Gong is delivery. Although the ancient Greeks focused primarily on issues of oral delivery, technology gives writers a variety of presentation choices (Dragga and Gong 132-133). These options include the type, size, and color of font; spacing; headers and footers; and visuals, all of which are discussed by Dragga and Gong and are present both in print and online. However, there are elements of delivery in online editing that are not available in print.

As mentioned earlier in this chapter, the major difference between print and online media is that the former have definite publication dates, after which nothing can be revised. Online articles, particularly those in Web 2.0, are never truly finalized; in the case of *Wikipedia*, all the revisions made to each article are available to readers. One key component of delivery that is present only online is linking. All online texts are littered with links to other online sources. On *Wikipedia*, most of these links are internal, meaning they link to other *Wikipedia* articles. These links make it possible to access a *Wikipedia* article from multiple other locations online. Along with categories and WikiProjects, which I will explain in my discussion chapter, links situate articles within the context of *Wikipedia* and in the World Wide Web as a whole.

### **Research questions**

After examining the history of editing, the Web 2.0 movement, and previous research on revision, I saw that there is a scarcity of research on online editing. Most rhetorical studies of editing took place before the advent of Web 2.0. Although Jones' study was helpful in exploring characteristics of editing in *Wikipedia*, all the articles he

examined had been nominated for *featured* article status, *Wikipedia*'s highest quality ranking. By sampling three articles from across the quality spectrum, I examined the vast differences between *Wikipedia*'s best (*featured*) and worst (*stub*) articles, as well as one that was ranked about halfway between best and worst. I will explain what these categories mean and provide more details about my sample in my methodology chapter. Although Jones' articles covered a broad range of topics, none of them were created in response to a sensational news story. One of the articles I studied, "Murder of Annie Le" was written about a crime that took place in September, 2009; it developed extremely rapidly, with over 300 revisions made in the course of a week. This article was an opportunity to see how quickly a *Wikipedia* article can develop and what information from the news is acceptable for inclusion in an online encyclopedia.

After considering the work that has been published on editing at this point and thinking about *Wikipedia*'s features, I developed the following research questions:

1. How often do editors revise *Wikipedia* articles, and what kinds of changes do they make?
2. Are different types of changes made to articles of different rankings on *Wikipedia*'s quality scale? If so, what types of changes are more common in well-written articles than in poorly written ones and vice versa?
3. What features make editing in *Wikipedia* different from print editing?

This thesis is a preliminary case study of the edits made to three *Wikipedia* articles: "The Hitchhiker's Guide to the Galaxy," "2009 Northwestern Wildcats football team," and "Murder of Annie Le. Aristotle's canons in relation to editing as discussed by Dragga and



Gong as well as Faigley and Witte's categories are used to code these changes. The next chapter provides a detailed description of the chosen texts and coding scheme.

## CHAPTER TWO

### METHODOLOGY

This case study analyzes all the changes made to three *Wikipedia* articles in September, 2009. I coded each change using Aristotle's rhetorical canons, as explained by Dragga and Gong, *invention, arrangement, style, and delivery*, and then further classified each one using Faigley and Witte's categories. This chapter explains in detail the method of selecting texts, the coding process, and the limits of the method. It also illustrates many of *Wikipedia's* editorial policies and practices that facilitate observing and analyzing the process of revision. Some of these policies and practices, such as the use of "bots" and the category of "reverts," are particular to online editing.

#### **Text selection**

The three *Wikipedia* articles that form my sample are "The Hitchhiker's Guide to the Galaxy," "2009 Northwestern Wildcats football team," and "Murder of Annie Le." *Wikipedia's* quality scale ranges from *stubs* to *featured* articles. Because of a limited time frame, I only selected three articles to analyze; however, these articles are examples of the best, worst, and average texts on *Wikipedia* according to the quality scale developed by the *Wikipedia* community. One of my selections was a *featured* article, one was a *stub*, and one, a *C-class* article, was written in response to a current event.

I chose to track the changes to a *featured* article, because it is considered by *Wikipedia's* editors to be one of the best. It is a good example of the type of content to which *Wikipedia* aspires. .In order to be initiated into this category, articles must first be

nominated. There follows a period of review in which editors can read the article and support or oppose the nomination, listing their reasons. (“Wikipedia:Featured article candidates”). During the review process, articles are examined to discern whether they conform to the *featured* article criteria. They are checked for accuracy, neutrality, completeness, and style (“Wikipedia:Featured articles”). Another important criterion for *featured* articles is stability. In other words, the article “is not subject to ongoing edit wars and its content does not change significantly from day to day” (“Wikipedia:Featured article criteria”).

I predicted that a *featured* article should be relatively complete. Editing is still ongoing, but most of the changes made probably are minor or what Faigley and Witte call *surface changes*. There may also be some *microstructure changes*, but there should be few if any *macrostructure changes*. The changes made to the article at this point would most likely not alter the summary of the text. The *featured* article I chose is “The Hitchhiker’s Guide to the Galaxy.” This series has a large fan base, and the article was therefore edited by many different people.

*Stubs* on *Wikipedia* are defined as “article[s] containing only a few sentences of text which [are] too short to provide encyclopedic coverage of...subject[s], but not so short as to provide no useful information” (“Wikipedia:Stub”). The *stub* I chose is “2009 Northwestern Wildcats football team.” I discovered this article by searching for recent

changes to articles in *Wikipedia*. On October 3<sup>3</sup>, five changes were made to this article within 15 minutes. After each Northwestern football game, new information was added.

The third article I chose is “Murder of Annie Le.” This article was written in response to a crime that was discovered on September 13, 2009, and it gave me the opportunity to observe how quickly articles about current events expand. User *GG The Fly* created the article on September 13 at 23:30 Eastern Daylight Time. Within a half hour, six editors made 24 revisions to it. The next day, September 14, 21 editors made 62 more revisions. For the month of September, 131 editors made 410 revisions. The changes made to these articles were varied and gave me a great amount of data. “Murder of Annie Le” is rated C-Class on several WikiProjects, a designation which means it is average in terms of quality. I will explain WikiProjects and their quality scales in my discussion chapter.

In addition to encompassing the range in quality of articles on *Wikipedia*, all three articles I selected met the following criteria for recent activity and collaboration. They had been edited recently, within two days of October 1, 2009<sup>4</sup>. Many wiki articles are abandoned as editors lose interest. I needed to ensure that my articles were dynamic, at least for the month I studied them, in order to collect enough data for this study. Each article also has had several editors working on it during its time on *Wikipedia*. Articles with only one editor do not illustrate the collaborative process of wikis.

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<sup>3</sup> All the revisions I coded were in September, 2009. This date is outside the range; I mention it only as an explanation of how quickly the article was being revised and why I chose it.

<sup>4</sup> As I explained in the previous footnote, my date range was September 1-30, 2009. October 1 was the date I selected the three articles and verified that they were still being actively edited.

## Data collection and analysis

I collected data by tracking revisions made to the three wiki articles over a thirty-day period, the month of September, 2009. *Wikipedia* provides a history of each article, and a user can easily compare different versions of the text. Because of this feature, I did not have to track the revisions in real time.

Calculating the number of revisions to an article can be tricky, since editors sometimes make several changes at once. When this happens, all the changes are shown as one revision on the Revision History page. For this study, I coded each change separately. To avoid confusion, I refer to each revision (shown as one line on the revision history page) as a *revision* and the individual changes within it as *changes*. See Figure 1 for an example of a revision history page. When a revision has more than one change, each change has its own row; however, I only list the editor's username, the date and time, and the number of bytes once. Note that Editor *Tomcat4680* made two changes within the revision illustrated in Table 2.1; they are coded separately as *Invention/Delivery* and *Style*. Since one revision may contain several changes, all the articles have more changes than revisions. In my results chapter, I have charts showing the number of revisions made to each article as well as ones that show the different types of changes within each article. The charts are labeled to clarify whether they portray revisions or changes.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Tom Cat 4680	19-Sep	11:35	Added TV station for 9/19 game: <i>Time Warner Cable SportsNet (New York only)</i> . Made a wikilink for <i>Time Warner Cable SportsNet</i>	Invention: Micro-structure addition/ Delivery: Add link	ID	→Schedule	12,714	Gives precedence to the TV station over the Internet
			Changed the last two stations to this: <i>;(also ESPN GamePlan and ESPN360.com)</i>	Style: Punctuation , addition	S			

**Table 2.1: Editor *TomCat4680*'s revision to "2009 Northwestern Wildcats football team"** An example of how the information from one revision is displayed in the data table. Note that there are two changes in this revision and that they are coded differently. The complete data tables for the three articles are available in table form in the appendices.

Using Microsoft Office Excel 2007, I created a spreadsheet for each article I studied. I took note of the following information for each revision: the editor's name, the date and time it was made, a summary of the changes made, the coding category and subcategory in which I placed the revision, *Wikipedia's* edit summary, the size of the article after the revision, and my personal observations, if any, about the revisions. Table 2.1 shows the information I gathered on one revision to "2009 Northwestern Wildcats football team."

### **Revision histories**

Figure 2.1 displays the revision history page of "The Hitchhiker's Guide to the Galaxy." A reader navigates to a history page by clicking the *History* tab at the top of an article. All the versions of an article since its creation are listed on this page, with the latest at the top. The abbreviations *cur* and *prev* in parentheses are links to comparisons of the selected version to the current or previous version of the article. The time and date reflect when the version was published.<sup>5</sup> Clicking on this link will display the version. The reader can also compare any two versions of the article by clicking on the circles next them.

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<sup>5</sup> Note on time: A registered user can select the time zone in his or her personal settings. This affects the date and time of each revision. The times in this study are Eastern Daylight Saving Time, my time zone.

For any version listed below, click on its date to view it. For more help, see [Help:Page history](#) and [Help:Edit summary](#).  
 External tools: [Revision history statistics](#) • [Revision history search](#) • [Number of watchers](#) • [Page view statistics](#)

(cur) = difference from current version, (prev) = difference from preceding version, m = minor edit, → = section edit, ← = automatic edit summary  
 (latest | earliest) View (newer 50 | older 50) (20 | 50 | 100 | 250 | 500)

[Compare selected revisions](#)

<a href="#">(cur   prev)</a>	<a href="#">08:25, September 27, 2009</a>	<a href="#">Rich Farnbrough</a> (talk   contribs) <b>m</b> (71,569 bytes) ( <i>delinking ISO style dates , Replaced: 2008-09-16 → 2008-09-16 (3), {{Fact  → {{Citation needed, using AWB}}</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">22:47, September 25, 2009</a>	<a href="#">Rjanag</a> (talk   contribs) (71,566 bytes) ( <i>Undid revision 316239100 by 68.4.56.48 (talk how is this relevant?)</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">22:40, September 25, 2009</a>	<a href="#">68.4.56.48</a> (talk) (71,593 bytes) ( <i>→ See also</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">19:38, September 25, 2009</a>	<a href="#">Declan Clam</a> (talk   contribs) <b>m</b> (71,566 bytes) (undo)
<a href="#">(cur   prev)</a>	<a href="#">10:51, September 24, 2009</a>	<a href="#">Inpain247</a> (talk   contribs) (71,565 bytes) ( <i>→ Background</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">17:42, September 22, 2009</a>	<a href="#">Rjanag</a> (talk   contribs) <b>m</b> (71,567 bytes) ( <i>Reverted edits by 209.120.207.254 (talk to last version by RedBot)</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">15:30, September 22, 2009</a>	<a href="#">209.120.207.254</a> (talk) (71,568 bytes) ( <i>→ And Another Thing...</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">06:56, September 21, 2009</a>	<a href="#">RedBot</a> (talk   contribs) <b>m</b> (71,567 bytes) ( <i>robot Adding: cy:The Hitchhiker's Guide to the Galaxy</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">17:20, September 13, 2009</a>	<a href="#">193.136.152.161</a> (talk) (71,523 bytes) (undo)
<a href="#">(cur   prev)</a>	<a href="#">16:32, September 10, 2009</a>	<a href="#">97.112.119.188</a> (talk) (71,557 bytes) ( <i>→ The Restaurant at the End of the Universe</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">05:21, September 9, 2009</a>	<a href="#">Serendipodous</a> (talk   contribs) (71,559 bytes) ( <i>→ External links: cat already linked to Hitchhiker's Guide to the Galaxy (fictional)</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">10:30, September 5, 2009</a>	<a href="#">Rjanag</a> (talk   contribs) <b>m</b> (71,596 bytes) ( <i>Reverted edits by 67.175.32.232 (talk to last version by Synthebot)</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">08:24, September 5, 2009</a>	<a href="#">67.175.32.232</a> (talk) (71,597 bytes) ( <i>→ And Another Thing...</i> ) (undo)
<a href="#">(cur   prev)</a>	<a href="#">11:20, September 3, 2009</a>	<a href="#">Synthebot</a> (talk   contribs) <b>m</b> (71,596 bytes) ( <i>robot Removing: tr:Otostopçunun Galaksi Rehberi Modifying: es:The Hitchhiker's Guide to the Galaxy</i> ) (undo)

**Figure 2.1:** Revision history of “The Hitchhiker’s Guide to the Galaxy” for September, 2009. Each line shows the information about one revision.

The name of the editor who made the revision is listed after the time and date. Registered users’ names link to their user pages. Unregistered users do not have user pages, so clicking on the IP address of an unregistered user navigates us to his or her contribution page. There are also links to editors’ talk pages and registered users’ contribution pages.<sup>6</sup> After these links, the size of the version is listed in bytes.

A bold lower-case *m* may appear between the editor’s information and the number of bytes. This indicates that the editor has marked this revision as “minor.” According to *Wikipedia*, “the **minor edit** box signifies that only superficial differences exist between the current and previous versions” (“Help:Minor edit”). What *Wikipedia* calls minor edits are similar to what Faigley and Witte term *surface changes*. These edits do not alter the meaning of the text. Indeed, *Wikipedia* warns that “any change that affects the

<sup>6</sup> Red links indicate that the pages are blank. If a user clicks on a red link, he or she can start writing on the page.



*meaning* of a text is not minor” (Help:Minor edit”). *Wikipedia* policy states that only revisions that “could never be the subject of a dispute” should be marked as minor (“Help:Minor edit”). Major edits (all revisions not marked as minor) should be reviewed for acceptability by other editors (“Help:Minor edit”).

Editors determine whether or not their revisions are minor, and sometimes they mark changes in meaning as minor edits even though this contradicts *Wikipedia*’s policy. In the revision summary section of my table, I indicate whenever a revision is marked as minor by its editor; however, sometimes some or all of the changes within a revision are not minor according to Faigley and Witte’s definitions. They may be *meaning changes* and not *surface changes*. Only editors who have usernames are allowed to mark revisions as minor; this policy is in place to prevent vandalism (“Help:Minor edit”).

A revision summary is shown in parentheses after all the previously mentioned details of the revision. Editors can write a brief description of their changes and their reasons for making them, but not all of them choose to do this. An arrow pointing right in the edit summary (→) indicates that only one section of the article has been edited (“Help:Section”). For example, the version of “The Hitchhiker’s Guide to the Galaxy” created on 15:30, September 22 by Editor *209.120.207.254* had the following in the revision summary: → *And Another Thing...*(see Figure 2.1). This means that only the section titled “And Another Thing...” was changed.

An arrow pointing to the left (←) means that the editor did not include an edit summary and that *Wikipedia*’s software has automatically generated one (“Wikipedia:Automatic edit summaries”). When a new page is created, the automatically

generated text is *Created page with 'text...'*. The text in the quotation marks is the first 160 characters of the article's text (Wikipedia:Automatic edit summaries"). The first version of Annie Le had the following edit summary:

←Created page with 'Annie Le, born in Placerville, California is a 24-year-old doctoral student at Yale Unviersity [sic] in the department of [pharmacology] who disappeared on [...]' ("Revision history of Murder of Annie Le").

### ***Wikipedia's editors***

In order to understand how *Wikipedia* works, it is necessary to know about the people who edit on it. This section explores the differences between the two types of *Wikipedia's* editors: registered users and unregistered users. It also describes the information editors can publish about themselves via user pages and how they communicate with each other on talk pages. Registered users create accounts on *Wikipedia* and choose usernames and passwords, which they can use to log on to the site from any computer connected to the Internet. By contrast, unregistered users do not create accounts; they are identified by the Internet Protocol (IP) addresses of the computers they use to access *Wikipedia*.

According to *Wikipedia*, a "username is a nickname that will identify all of [the editor's] contributions to *Wikipedia*" ("Wikipedia:Username policy"). Beside each revision on the history page, the name of the editor who made it is displayed, along with links to his or her talk page and contributions page.

Many registered users have created user pages, on which they display information about their interests and contributions to *Wikipedia*. These pages can be accessed by clicking on the name of the editor. A user page is “a way of organizing the work that [an editor is] doing on the articles in *Wikipedia*, and also a way of helping other editors to understand those with whom they are working” (“Wikipedia:User page”). Some editors reveal a lot of information about themselves on their user pages, including their hobbies, political views, and philosophies of editing. Others do not share personal information; their user pages only list the revisions they have made to *Wikipedia* articles. Figure 2.2 is a snapshot of Editor *Bsuorangecrush*'s userpage. This editor revised “2009 Northwestern Wildcats football team” in September, 2009.

When I mention an editor, I will refer to him or her as Editor *Username*, substituting the appropriate username. I was unable to determine the sex of all of the editors to the three articles in my sample. For those who listed this information on their user pages, I will use the appropriate pronouns. When I do not know the sex of an editor, I will make a guess. For example, I refer to Editor *GG The Fly* as “she,” although this user could be either male or female.

### What I'm Working On [edit]

Passionate Boise State fan. Mostly just edit the Boise State football pages, but will change other college football teams pages if they are not updated. My goal is to have every FBS teams page as up to date as possible and I check each team as often as I can. I also created a lot of teams pages for 2009 that had not already been crated so now every FBS team has a page for 2009.

- 2007 Boise State Broncos football team
- 2008 Boise State Broncos football team
- 2009 Boise State Broncos football team
- 2009 WAC football season
- 2009 ACC football season
- 2009 Big East Conference football season



This user lives in Idaho.



This user has been on Wikipedia for 3 years, 1 month, and 7 days.

**Bsuorangecrush**

Hates Obama

Name	Bsuorangecrush
Gender	Male
Birth date	April 7
Location	Idaho
Time zone	Mountain
Country	 United States
Marital status	Single
Occupation	Retail
College	Boise State
High school	Caldwell High School

**Interests**

- NCAA Football (Boise State Broncos)
- NCAA Basketball (Boise State Broncos)
- NFL Football (Pittsburgh Steelers)
- MLB Baseball (Seattle Mariners)

**Userboxes**



This user is a member of WikiProject College football.



This user is a member of WikiProject College basketball.

**Figure 2.2:** Editor *Bsuorangecrush*'s user page ("User:Bsuorangecrush"). In the information box, this editor reveals personal details. We can tell the user's gender, location, interests, and political beliefs.

On a talk page, other editors can post questions or comments about the user's contributions to *Wikipedia* or *Wikipedia* policy in general. When I had a question about a revision, I would post it to the talk page of the editor who made it. Sometimes I received a response on my talk page, and sometimes I didn't. A contribution page is similar to a history page; instead of listing all the revisions made to an article, they list all the revisions made by an editor.

Some editors do not create accounts on *Wikipedia*. When they make revisions, their Internet Protocol (IP) addresses are displayed in lieu of usernames. *Wikipedia*

encourages its editors to create usernames by listing benefits, which include greater privacy and more editing features (“Wikipedia:Why create an account?”). It is possible for the public to find the general location of an IP address, and police may be able to obtain more precise information from Internet Service Providers. For these reasons, usernames are considered more anonymous than IP addresses.

Some revisions to *Wikipedia* articles are made by “automated or semi-automated tools that carry out repetitive and mundane tasks,” known as bots (“Wikipedia:Bots”). Users with some programming knowledge can create bots to carry out specific tasks, such as reverting vandalism and checking for copyright violations. For example, when Editor *Uglysweater* deleted all the content from the “Murder of Annie Le article,” Editor *ClueBot* restored it within a minute. Editors who create bots are required to make them easily identifiable as tools rather than people. Usually, the bot has the word *bot* in its username (“Wikipedia:Bot policy”).

### **Coding scheme**

Table 2.2 displays all the major categories I used when coding changes. I started with four of Aristotle’s rhetorical canons, as described by Dragga and Gong: *invention*, *arrangement*, *style*, and *delivery*. I soon realized, however, that many changes had elements of more than one of these four categories. So I created categories that combine elements of more than one canon. I will explain how the combined categories work after discussing each of the four major categories. I assigned each category a color. *Invention*, *Arrangement*, *Style*, and *Delivery* are pink, green, blue, and yellow respectively. I used

combinations of these four colors to designate the other categories. For example, *Invention/Style* is purple, because it combines *Invention* (pink) with *Style* (blue). When I combine three or more categories, the correlation becomes less apparent. It was most important for me to make each color distinct from the others, so I could distinguish them easily.

### *Invention Changes*

My major coding categories are based on the rhetorical canons defined by Aristotle and described by Dragga and Gong. The first category is invention. All changes made to the content of the articles fall into this category. These include what Faigley and Witte refer to as *meaning changes* (403). I used Faigley and Witte's subcategories to further define invention changes as macrostructure or microstructure additions, deletions, substitutions, or permutations (403). Faigley and Witte define a macrostructure change as "one that would alter the summary of a text" (404). I used this definition to decide whether an invention change should be coded as macrostructure or microstructure. For example, Editor *Joseph Barillari* added the information in bold to this part of the "Murder of Annie Le" article:

MSNBC and other news networks reported on September 14 that police have identified a subject, a student who has defensive wounds and failed a polygraph test. A New Haven spokesman, however, denied these reports and indicated that no suspects have yet been identified.

Category	Abbreviation
Invention	I
Arrangement	A
Style	S
Delivery	D
Invention/Arrangement	IA
Invention/Style	IS
Invention/Delivery	ID
Invention/Arrangement/Style (white)	IAS
Invention/Arrangement/Delivery	IAD
Invention/Style/Delivery	ISD
Invention/Arrangement/Style/Delivery	IASD
Arrangement/Style	AS
Arrangement/Delivery	AD
Arrangement/Style/Delivery	ASD
Style/Delivery	SD

**Table 2.2: Coding categories and colors**

Before this was added, the import of the sentence was that a suspect had been identified. With this additional information, we understand that police have not yet identified a suspect. I coded this change as “Invention: Macrostructure addition,” because the summary of the whole text is altered. If I were to summarize the article before this addition, I would mention the police had a suspect in the case. After this change, my summary would be different. I probably wouldn’t mention a suspect, since the new information states that no suspect has been identified.

Microstructure deletions, according to Faigley and Witte, affect meaning, but do not alter the summary of the text (Faigley and Witte 405). An instance of microstructure content addition is illustrated when, on September 3, the Editor *Pjam3dd86* added the names of the offensive and defensive coordinators and the offensive scheme to the information box of the “2009 Northwestern Wildcats Football team” article. I coded this as “Invention: Microstructure addition” because information was added that did not alter the summary of the text.

Deletions can also change the meaning of text. For example, the “Murder of Annie Le” article was vandalized several times by editors who claimed that Kanye West was the suspect in the case. Editor *71.205.61.244* corrected one such instance of vandalism by removing Kanye West’s name from an information box. After this change, no suspects were listed. I coded this as “Invention: Macrostructure deletion,” because the issue of a suspect is essential to the summary of the article. Similarly, Editor *193.136.152.161* deleted this sentence from “The Hitchhiker’s Guide to the Galaxy” article: “The answer "is" 42 in base 13.” The sentence explains how the answer to the



Ultimate Question, “What do you get when you multiply six by nine?” can be 42.

Removing the sentence takes away some information from the article, but it would not alter the summary of the text. Therefore, I coded it as “Invention: Microstructure deletion.”

The third subcategory of invention is substitutions. According to Faigley and Witte, “substitutions trade words or longer units” (403). I coded substitutions that change the meaning of the text in the invention category. Editor *97.124.255.168* changed the phrase “was found dead” to “was found murdered” in the “Murder of Annie Le” article. The former phrase made it seem as if Le could have died accidentally or from natural causes, while the latter makes it clear that she was killed intentionally. I coded the change as “Invention: Macrostructure substitution.” In the “2009 Northwestern Wildcats Football team” article, Editor *Pjam3dd86* changed the TV station for one of the games from Orange All Access to ESPN 360. This substitution would not alter the summary of the text, so I coded it as “Invention: Microstructure substitution.”

The last subcategory of invention is permutations: “Permutations involve rearrangements or rearrangements with substitutions” (Faigley and Witte 403). Editor *GG The Fly* rearranged this sentence in the “Murder of Annie Le” article:

The FBI, New Haven Police and Connecticut State Police were all involved in the search, and on September 13, police found remains that they believe were those of Annie Le in a utility conduit in the basement of a laboratory building.

The new sentence is as follows:

The FBI, New Haven Police and Connecticut State Police were all involved in the search and eventually discovered her body on September 13 in a utility conduit in the basement of a campus laboratory building that was positively identified by the medical examiner's office.

The meaning of the sentence has been changed, and this change affects the summary of the text. The former sentence indicates that the remains might be Annie Le's, while the latter sentence states that they have been positively identified. The second independent clause of the sentence has been rearranged. There are also substitutions. "Found remains" becomes "discovered her body." For all these reasons, I coded this change as "Invention: Macrostructure permutation."

Editor 97.124.255.168 changed the following phrase describing Annie Le from "first generation American of Vietnamese descent" to "Vietnamese American." This rearranges the order of the words, *Vietnamese* and *American*. It also slightly changes the meaning of the text. Putting *Vietnamese* before *American* defines Annie Le's ethnicity first and her nationality second. The removal of "first generation" also leaves her length of time in the United States open to question. First generation Americans are born in the United States to parents who emigrated from another country. Vietnamese Americans could have ancestors that lived in the United States a hundred years ago, or they could have emigrated from Vietnam and recently obtained U.S. citizenship. These changes in

meaning, however, do not affect the summary of the text. The focus of the article is on the murder case, not the nationality or ethnicity of the victim. So I coded this as “Invention: Microstructure permutation.”

### *Arrangement Changes*

The second major category I use is arrangement. Changes related to the organization of the article are placed in this category. Examples are adding or deleting images, reorganization of sections, and changes to enhance coherence.

Some additions affect arrangement, but not invention. For example, after the police arrested a suspect in the Annie Le murder investigation, Editor *Cuchullain* added the following sentence to the introduction: “On September 17, police arrested a suspect, a Yale lab technician who worked in the building” (“Murder of Annie Le” section 1). At first, I thought this change should be coded as invention, but when I looked more closely at the article, I realized that the sentence did not add any new information to it. The suspect’s arrest was already mentioned in the third paragraph of the *Murder* section. Adding the sentence to the introduction rearranged the order in which this information was presented. Accordingly, I coded it as “Arrangement: Addition.”

Arrangement changes often involve altering the order in which information is presented, or rearranging. This type of change falls under Faigley and Witte’s *permutation* category. Editor 97.124.255.168 provided me with an example of permutation when he moved two paragraphs in “Murder of Annie Le” to a different section of the article. I coded this reorganization as “Arrangement: Permutation.”

Faigley and Witte have two more subcategories that I did not use in coding invention changes, but are applicable to arrangement: distributions and consolidations. “Distributions occur when material in one text segment is passed into more than one segment” (Faigley and Witte 403). An instance of this took place when Editor 97.124.255.168 divided the first paragraph of the “Murder of Annie Le” article into four different paragraphs. This changed the structure and readability of the text, but not its meaning. I therefore coded it as “Arrangement: Distribution.” A consolidation is the opposite of a distribution; text that was separated into different sentences, paragraphs, or sections is combined into one. An illustration of this type of change happened when Editor *TJRC* removed the subsection headers from the *Media Coverage* section of “Murder of Annie Le,” effectively combining the subsections into one section. I coded this as “Arrangement: Consolidation.”

For reasons which I will discuss in my *Results* chapter, I coded very few changes as solely arrangement. Most changes that affected arrangement also affected other canons. Therefore, I created many combination categories, composed of multiple canons. I will discuss these categories further after I finish explaining the four main canons.

### *Style Changes*

The third category, *style*, includes a great variety of changes. Again, I used Faigley and Witte to assist me in coding these changes. Certain stylistic changes involve additions and deletions; however, the macrostructure and microstructure categories don’t apply. According to Faigley and Witte, the terms *macrostructure* and *microstructure* refer only to meaning changes, or invention changes to use Dragga and Gong’s parlance

(Faigley and Witte 404). Stylistic additions and deletions are meaning-preserving changes, “changes that ‘paraphrase’ the concepts in the text but do not alter them” (Faigley and Witte 403).

For example, Editor *97.124.255.168* added the phrase in bold to this sentence in “Murder of Annie Le.” “The police were puzzled that they didn't see Le leaving the building by examining the security cameras” (par. 3). The reason I coded this addition as *style* and not *invention* is that the phrase, rather than providing information, merely “raised to the surface what [could] be inferred” (Faigley and Witte 403). The reader can safely assume that the police were looking at security camera footage when they didn't see Le; this is self-evident before the addition of the final prepositional phrase. Therefore, I coded this change as *Style: Addition*.

Sometimes words can be deleted without altering the meaning of the text. Such a case is the change made by Editor *64.252.72.160* to the “Murder of Annie Le.” The first sentence of the article before this change was as follows:

Annie Le (born [July 18<sup>7</sup>, 1985](#) in [Placerville, California](#) - [September 8, 2009](#) in [New Haven, Connecticut](#)) was a 24-year-old first generation [American of Vietnamese](#) descent who was a [doctoral](#) student at [Yale University School of Medicine](#) in the Department of [Pharmacology](#), who disappeared on [September 8, 2009](#) from a research building on the [New Haven](#) campus.

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<sup>7</sup> The links (indicated by the blue color and underlining) are copied directly from the *Wikipedia* articles. Clicking on them will take you to other articles on *Wikipedia*.

Editor 64.252.72.160 removed the word “born” from the sentence. Putting birth and death dates in parentheses after the mention of a person’s name in an encyclopedia article is a common convention. The reader does not need the word “born” to know that the first date is the subject’s date of birth. I coded the change as “Style: Deletion.”

Substitutions and permutations in the *Style* category are similar to those in the invention category. In both cases, words are replaced and/or rearranged. The major difference is that stylistic substitutions and permutations preserve meaning, while their counterparts in invention change meaning. For example, Editor 97.124.255.168 changed the phrase proceed to close to closed in the “Murder of Annie Le” article. Although *proceed to close* is in the present tense and *closed* is the past tense, the latter has the same meaning as the former. This change from present to past also reflects the tense used in the rest of the paragraph, which describes the crime.

Permutations are similar to substitutions, but they may involve rearrangements at the sentence level. Editor *JosephBarillari* changed the following sentence:

“[The FBI](#), [New Haven Police](#) and [Connecticut State Police](#) were all involved in the search, and on September 13, police found remains that they believe were those of Annie Le in a wall between floors used to house utility cables.”

The new sentence is as follows:

“[The FBI](#), [New Haven Police](#) and [Connecticut State Police](#) were all involved in the search, and on September 13, police found remains that they believe were those of Annie Le in a utility conduit in the basement of a laboratory building.”

Editor *JosephBarillari* changed the wording of the phrase in bold, but the meaning remains the same.

*Style* distributions also take place at the sentence, rather than paragraph or section, level. For instance, in “Murder of Annie Le,” Editor *64.252.72.160* divided the following long sentence into two sentences:

“Annie Le (pronounced "lay") ([July 3, 1985](#) – [September 8, 2009](#)) was a 24-year-old [Vietnamese American doctoral](#) student at [Yale University School of Medicine](#) in the Department of [Pharmacology](#), who disappeared on [September 8, 2009](#) from a research building on the [New Haven](#) campus and found murdered in a Yale University medical building at 10 Amistad Street.”

The distributed sentences in the new version are as follows:

“Annie Le (pronounced "lay") ([July 3, 1985](#) – [September 8, 2009](#)) was a 24-year-old [Vietnamese American doctoral](#) student at [Yale University School of Medicine](#) in the Department of [Pharmacology](#). Le disappeared on [September 8, 2009](#) from a research building on the [New Haven](#) campus and found murdered in a Yale University medical building at 10 Amistad Street.”

By replacing the comma and *who* with a period and a repetition of the subject’s name, Editor *64.252.72.160* distributed the sentence without changing its meaning.

*Style* changes also include what Faigley and Witte term formal changes, which consist of spelling, grammar, punctuation, and formatting. *Wikipedia*, like print publications, provides its users with a comprehensive style guide and a number of

policies to which editors are expected to adhere. Experienced editors often cite their reasons for editing and provide links to the policies that their changes reflect.

Here are some changes that were made to ensure an article complies with *Wikipedia's* Manual of Style. Editor *64.252.72.160* changed the word *fifteen* in “Murder of Annie Le” to the number *15*. I found that the Manual of Style advises editors to “render numbers greater than nine as figures” (“Wikipedia:Manual of Style”). Similarly, Editor *Dismas* changed the victim’s name from *Annie Le* to *Le*, reflecting the convention of using a person’s full name only in the initial mention and just the surname on subsequent uses (“Wikipedia:Manual of Style (biographies)”). Many formatting changes were made to references. Some users just put links to the articles they cited in the References section; later others would format them. For example, Editor *Gary King* added titles and authors to all the references in “Murder of Annie Le.”

#### Stylistic changes particular to *Wikipedia*

While the previous stylistic changes are applicable to print, as well as online, publications, there are some changes that can only occur within a wiki environment. Because Faigley and Witte published their article before the advent of Web 2.0, these changes do not fit into any of their categories. One example of this is the revert. If an editor disagrees with a recent revision, he or she can revert the article back to its previous version. Editor *Rjanag* twice reverted revisions made by users who changed the word *instalment* from the British to American spelling in “The Hitchhiker’s Guide to the Galaxy.”



Other formatting changes that are exclusive to wikis appear in notes in the code an editor sees while revising an article when someone compares different versions. These coding changes are not visible to someone who only reads the main article. For example, a paragraph in “The Hitchhiker’s Guide to the Galaxy” had the word *Fact* beside it as justification for its lack of references. Editor *Rich Farmbrough* changed *Fact* to *Citation needed* to inform other editors that the information should be properly cited.

### *Delivery Changes*

The fourth major category of changes is delivery. There are elements of delivery in wiki articles that are similar those found in print, such as visual elements like images and typography. When I came across these elements, I coded them accordingly. When editors bolded words or phrases, for example, I coded those changes as “Delivery: Bold.”

Faigley and Witte’s research focused on textual changes and did not mention visual presentation at all, so I did not use it to code any of the delivery changes. Dragga and Gong discussed delivery at length, but their book was written in the 1980s, before the general public had access to the Internet. They concentrated on print design. While Rude’s book was published more recently, in 2006, her description of document development still had a beginning and an end. The last step in her process is sending the document to the printer’s or launching it online (14). In either case, there is a point at which the document is made final and leaves the editor’s hands.

The dynamic articles on *Wikipedia* never reach this state of finality. Even *featured* articles like “The Hitchhiker’s Guide to the Galaxy” are occasionally revised. Since Jones also studied *Wikipedia* articles, I was able to use some of his categories for

delivery changes, which he termed format revisions (272). These include changes to links and images.

Adding, deleting, or altering links affect delivery, because these changes affect how users navigate *Wikipedia*. *Wikipedia* articles are peppered with wikilinks, links to other articles on English *Wikipedia*. Interwiki links lead to other Wikimedia project sites, such as *Wiktionary*, *Wikinews*, and *Wikipedia* articles in different languages (“Help:Link”). External links are generally used for web pages not on *Wikipedia*; they are usually found in the References section of an article, directing the reader to sources. As a reader scans an article, he or she can click on a link within the text to learn about another topic. Thus, no article in *Wikipedia* stands alone. Links situate it within the context of *Wikipedia*, its sister projects, and the rest of the World Wide Web.

Coding link issues is fairly self-explanatory, but I will give a few examples here. When Editor *RedBot* (a bot) added an interwiki link on “The Hitchhiker’s Guide to the Galaxy” to the Welsh version of the article, I coded it as “Delivery: Add link.” In the same article, Editor *68.4.56.48* added a wikilink to the article about the physics “Theory of Everything” in the See Also section. Seven minutes later, Editor *Rjanag* removed this link, questioning its relevance to “The Hitchhiker’s Guide to the Galaxy.” I coded the addition as “Delivery: Add link” and the deletion as “Delivery: Delete link.” Sometimes, links do not work due to various factors, including changes in URLs, article deletions, deliberate vandalism, or editor errors. Editors generally fix these links soon after they are broken. This was the case with a link to the “Pharmacology” article in “Murder of Annie Le.” The latter article’s creator, Editor *GG the Fly*, left out a bracket in the code when

she made the link. A minute later, Editor *CardinalDan* fixed the link; I coded his change as “Delivery: Link fix.”

Sometimes, editors change the pages to which links direct. This happened in “Murder of Annie Le” when Editor *Woohookitty* changed the link from the word *American* to lead directly to the “United States” article. The link originally led to the “American” disambiguation page. Disambiguation pages appear when users type words that could lead to a number of different articles in the search bar. The page provides a list of articles for which the user might be searching. When she changed the destination of the link, Editor *Woohookitty* essentially saved readers a step. Instead of going first to the disambiguation page and choosing the article from the list, they can click on the link and go straight to the “United States” article. I coded this type of change as “Delivery: Link change.”

Categories, like links, help to situate articles in *Wikipedia*. Editors can add articles to different categories. Once an article has been placed in a category, it will appear on that category page. Many changes affecting categories were made to “Murder of Annie Le,” in September, 2009; as a newly created article, it needed to be positioned appropriately in *Wikipedia*. The other two articles were already established in categories. Editor *207.159.188.234* added “Murder of Annie Le” to the “Murdered students” category the day after its creation. This category and others are listed as links at the bottom of the article (see Figure 2.3).

Categories: 1985 births | 2009 deaths | Murder in 2009 | American murder victims | Murdered students | People murdered in Connecticut | American people of Vietnamese descent | University of Rochester alumni | Yale University alumni | People from California | American scientists | Murdered scientists | Murders | Deaths from asphyxiation

**Figure 2.3:** Categories at the bottom of “Murder of Annie Le” article (as of 5/21/2010)

Clicking on a category link takes the user to a category page, on which all the other *Wikipedia* articles placed in the category are listed (see Figure 2.4). Editors may also remove articles from categories. Editor *Ixfd64* removed “Murder of Annie Le” from the “Disappeared people” category on September 14, reflecting the fact that the body had been found.

**Pages in category "Murdered students"**

The following 34 pages are in this category, out of 34 total. This list may not reflect recent changes ([learn more](#)).

<p><b>A</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Betsy Aardsma</a></li> <li>▪ <a href="#">Murder of Shafiea Ahmed</a></li> </ul> <p><b>B</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Taylor Behl</a></li> <li>▪ <a href="#">Cassie Bernall</a></li> <li>▪ <a href="#">Murder of Axel Blumberg</a></li> <li>▪ <a href="#">Murder of Rashawn Brazell</a></li> </ul> <p><b>C</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Eve Carson</a></li> <li>▪ <a href="#">Murders of Channon Christian and Christopher Newsom</a></li> </ul> <p><b>D</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Brianna Denison</a></li> </ul> <p><b>F</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Farmville murders</a></li> <li>▪ <a href="#">Franciscan University murders</a></li> </ul> <p><b>G</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Justin Georgescu</a></li> </ul>	<p><b>H</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Esequiel Hernández Jr</a></li> <li>▪ <a href="#">Jasper Howard</a></li> </ul> <p><b>K</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Timur Kacharava</a></li> </ul> <p><b>L</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Sophie Lancaster</a></li> <li>▪ <a href="#">Murder of Annie Le</a></li> </ul> <p><b>M</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Abhijit Mahato</a></li> <li>▪ <a href="#">Murder of Fernando Marti</a></li> <li>▪ <a href="#">Murder of Jennifer Moore</a></li> <li>▪ <a href="#">Murder of Romona Moore</a></li> </ul> <p><b>O</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Helen Betty Osborne</a></li> </ul> <p><b>P</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Chanel Petro-Nixon</a></li> <li>▪ <a href="#">Hector Pieterse</a></li> </ul>	<p><b>R</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Yngve Raustein</a></li> </ul> <p><b>S</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Rachel Scott</a></li> <li>▪ <a href="#">Murder of Dru Sjodin</a></li> <li>▪ <a href="#">Murder of Imette St. Guillen</a></li> </ul> <p><b>T</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Damilola Taylor</a></li> </ul> <p><b>W</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Lili Wang</a></li> <li>▪ <a href="#">Aimee Willard</a></li> </ul> <p><b>Y</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Murder of Yang Xin</a></li> </ul> <p><b>Z</b></p> <ul style="list-style-type: none"> <li>▪ <a href="#">Zhang Hong Jie</a></li> <li>▪ <a href="#">Amanda Zhao</a></li> </ul>
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**Figure 2.4:** “Murdered students” category page (as of 5/21/2010). Note “Murder of Annie Le” article in purple under L.

### *Combined categories*

As I explained in the description of my coding categories (see Table 1 for all the categories), many changes could be classified as more than one canon. I will now provide examples to illustrate each of the combined categories. When Editor *Cuchullain* changed the one of the sections in “Murder of Annie Le” from *Homicide* to *Disappearance and Death*, I coded it as Invention: Macrostructure Substitution/Arrangement: Section heading change. The two headings have vastly different meanings. The word “homicide” clearly indicates a crime, while “disappearance and death” allows the reader to surmise that the cause of death may have been accidental or self-inflicted. The change falls into the invention category because of the altered meaning, but it also affects arrangement because it occurs in the section heading.

As I mentioned earlier, reverts are stylistic changes. However, they usually affect other canons as well. This was the case in “Murder of Annie Le” when Editor *128.231.212.77* reverted a revision by Editor *Ruy Lopez*. The latter editor had added the following sentence to the article: “PETA criticized this lab in January 2009 for killing animals, and for what PETA termed abusing animals.” Editor *128.231.212.77* reverted this revision, claiming that “PETA’s allegations were about an entirely different lab at Yale, not the one Le worked in” (“Revision History of Murder of Annie Le”). Since removing the sentence would not affect the summary of the article, I coded the change as *Invention: Microstructure deletion/Style: Revert*.

Changes to links were often coded as Invention/Delivery. As they added text to the article, editors frequently made wikilinks out of some of these new words and phrases. For example, Editor *Tomcat4680* added the TV station that broadcasted one of the games to “2009 Northwestern Wildcats Football team.” He made the name of this station, TimeWarner Cable SportsNet a wikilink to *Wikipedia*’s article about the network. Since this change added minor information and a link to another article, I coded it “Invention: Microstructure addition/Delivery: Add link.”

Some changes were complex enough to be classified in more than two categories. This was the case in “2009 Northwestern Wildcats Football” when Editor *Pjam3dd86* added tables for each team Northwestern played containing the team’s overall record, the last time it played Northwestern, and the results of its last game with Northwestern. I classified this change in three categories. First, it was invention, because it added the teams’ statistics. Second, this information was presented in the form of tables, meaning that it also affected arrangement. The use of tables also made it a *Style* change, because the tables affected the format in which the information was displayed. Therefore, I coded this change as *Invention: Microstructure Addition/Arrangement: Addition/Style: Format*.

Another change that I classified in three categories occurred in “Murder of Annie Le” when Editor *64.168.239.34* removed the “Suspect” section of the article. This change removed information (invention), deleted a section (arrangement), and took away two links that were in the section (delivery). Consequently, I coded it “Invention: Macrostructure deletion/Arrangement: Delete section/Delivery: Delete links.”

When editors added or deleted references, I coded those changes as *Invention*, *Style*, and *Delivery*. Adding the names of sources conveys new information by notifying the reader where the editor found his or her material. Since citations are required by *Wikipedia* policy, these changes are also classified as style. Generally, when adding a reference, the editor provides a link to the original source, making a reference change a delivery issue as well. For the above reasons, I coded changes to references as *Invention/Style/Delivery*.

A few changes were so broad that they belonged to all four canons. This was the case with the creation of “Murder of Annie Le.” When she wrote the first draft of the article, Editor *GG the Fly* presented information, made sections, followed *Wikipedia* formatting guidelines, and provided links. I thus classified this change as “*Invention: Macrostructure addition/Arrangement: Addition/Style: Format/Delivery: Add links.*”

Some changes in the combined categories didn’t affect meaning at all. For example, Editor *Pjam3dd86* added sections for notes on each game in “2009 Northwestern Wildcats Football team” early in the season. This change affected arrangement, because it altered the overall layout of the article. I also classified it as *Style*, because it reflects *Wikipedia*’s policies on dividing articles into sections. However, Editor *Pjam3dd86* did not add any information to the game notes’ sections. This change was made on September 3, when most of the games had not yet been played. Thus, the meaning of the article was unaffected by it. I coded it *Arrangement: Addition/Style: Format*.

I classified a few changes as “Arrangement/Delivery.” For example, Editor *64.252.72.160* added an introductory sentence to “Murder of Annie Le.”

The murder of Annie Le (pronounced "lay") occurred on Tuesday, September 8, 2009, on the campus of Yale University in New Haven, Connecticut.

All the information in this sentence was already present in the article, so I did not classify this change as invention. It changed the order in which the information was presented, which clearly makes it arrangement. Editor *64.252.72.160* also made “Yale University” a wikilink, so the change could also be classified as delivery. I coded it “Arrangement: Addition/Delivery: Add link.”

Editor *Justmeherenow* made a change affecting *Arrangement*, *Style*, and *Delivery* to “Murder of Annie Le.” He added an information box with facts about the crime. All the information in this box was already in the article in sentence form, so this change could not be considered invention. However, it did affect arrangement, because it changed how information was presented. It could also be classified as *Style*, because Editor *Justmeherenow* used Wikipedia’s template for “Infobox civilian attack.” *Wikipedia* devotes an article to describing infobox templates and explaining how to use them (“Wikipedia:Manual of Style (infoboxes)”). Lastly, the invention was categorized as delivery, because wikilinks were added. I coded it “*Arrangement: Addition/Style: Format/Delivery: Add links.*”

My final combined category is *Style/Delivery*. Numerous changes were in this category, including those made to template messages. Cleanup template messages, or tags, generally request that editors take action to improve an article. *Wikipedia* explains:



“The purpose of [cleanup] templates is to inform other editors and readers at a quick glance what potential problems there are with article content and to spur improvement in the [spirit of Wikipedia](#)” (“Wikipedia:Template messages/cleanup”). These tags are also used to “attract outside help and caution readers that the content may be shortly subject to change” (“Wikipedia:Template messages/cleanup”). Editor *Tomcat4680* added a template message requesting expansion of the game notes section of “2009 Northwestern Wildcats Football team.” To me, template messages such as this affect both the *Style* and *Delivery* of an article. They are stylistic in that they reflect one of *Wikimedia*’s founding principles, the wiki process of discussion and consensus (“Founding principles”). They can also be classified as delivery, because they immediately alert editors and readers that an article needs improvement. So I coded Editor *Tomcat4680*’s change *Style/Delivery: Wikipedia Policy*.

### **Evolution of and limits to the coding process**

As I coded the changes to each of these three articles, my coding scheme evolved. The first article I analyzed was “The Hitchhiker’s Guide to the Galaxy.” There were only 14 revisions made to this article in September, 2009. The changes within these revisions were all fairly straightforward. Several involved changing a word from British to American spelling and vice versa. I didn’t feel the need to develop any combined categories for this article. In fact, I only used three categories: *Invention*, *Style*, and *Delivery*. “2009 Northwestern Wildcats football team” had more revisions, 42 in all. Still, most changes made to it fit into one of the four major categories, usually invention.

If I had only used these first two articles, I wouldn't have needed to make many more categories combining the canons.

When I began coding "Murder of Annie Le," I soon realized that many changes to this article would not fit neatly into one of the four canons. As I encountered complex changes, I combined canons to form new categories. Often, I changed my mind about how I wanted to code particular changes. Each time I made a coding decision, I looked over all the previous changes I had coded, including those in the first two articles, and adjusted the coding according to my new guidelines. However, when I began calculating my results, I noticed that I had not been entirely consistent. If I were to go back and recode, I would probably put a few changes made to "The Hitchhiker's Guide to the Galaxy" in combined categories. I recognize this inconsistency in coding across the three articles as a limitation of my study. However, most of my analysis will focus on the article with the most revisions, "Murder of Annie Le," and I believe that I was consistent with the coding within this article.

Because of inconsistencies in coding, this thesis is a preliminary study. In my discussion chapter, I will describe the limitations of the study further and explain some ways it could have been improved. First, however, I will present the results of the coding process.

## CHAPTER 3

### RESULTS

In this chapter, I present the results of my study. More specifically, I answer my first research question: “How often do editors revise articles *Wikipedia* articles, and what kinds of changes do they make?” First, I will discuss briefly the number of revisions made to each article. Figure 3.1 displays the number of revisions made to each article every day in September, 2009. Figures 3.2-3.4 provide a closer look at each article and illustrate how often revisions were made to it with a scatter chart. Next, I will give an overview of the types of changes made to each article. Figure 3.5 compares the types of changes made to each article, and Figures 3.6-3.8 use pie charts to show the percentages of changes in each category for each of the articles. After that, I will examine the changes made to each article in greater detail and explain what I discovered about the revising process in the wiki medium.

#### **Number of revisions**

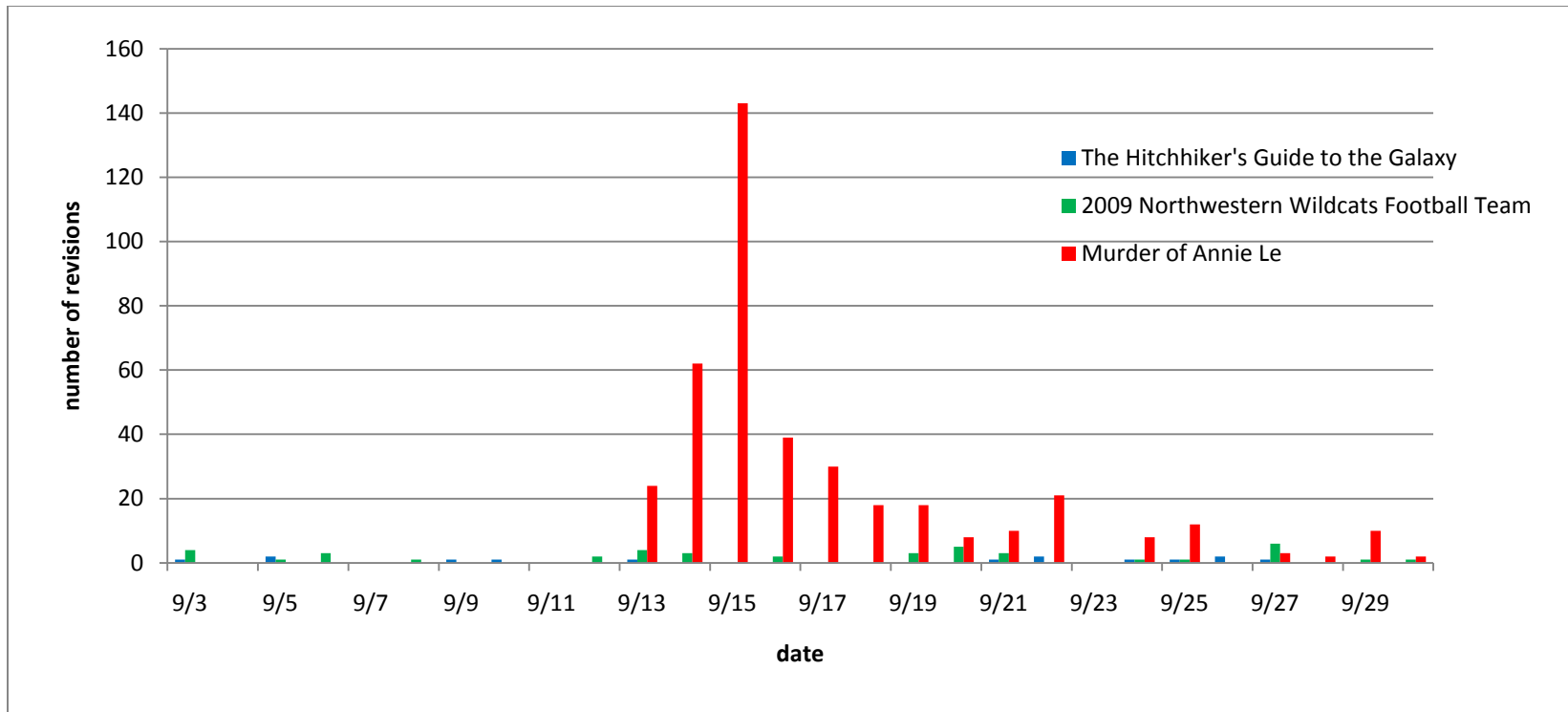
Figure 3.1 displays the number of revisions per day made to each article from September 3 – September 30, 2009. Editor *GG The Fly* created the “Murder of Annie Le” article on September 13, the day Le’s body was discovered. For almost every day after that, the number of revisions to this article greatly exceeded those of the other two articles. The “Murder of Annie Le” expanded rapidly as the media reported new information about the crime. On September 15, editors made 143 revisions to this article, more than were made to the other two articles combined in the entire month. The number

of revisions made per day to the “Murder of Annie Le” declined dramatically after the 15<sup>th</sup>, but it still remained higher than those of the other two articles, with three exceptions. No revisions were made to any of the articles on the 23<sup>rd</sup>. On the 26<sup>th</sup>, two revisions were made to “The Hitchhiker’s Guide to the Galaxy,” while the other two articles remained unchanged. On the 27<sup>th</sup>, more revisions were made to “2009 Northwestern Wildcats Football team” than to either of the other two articles. The information added on this date was about the result of the game Northwestern played against Minnesota on the 26<sup>th</sup>.

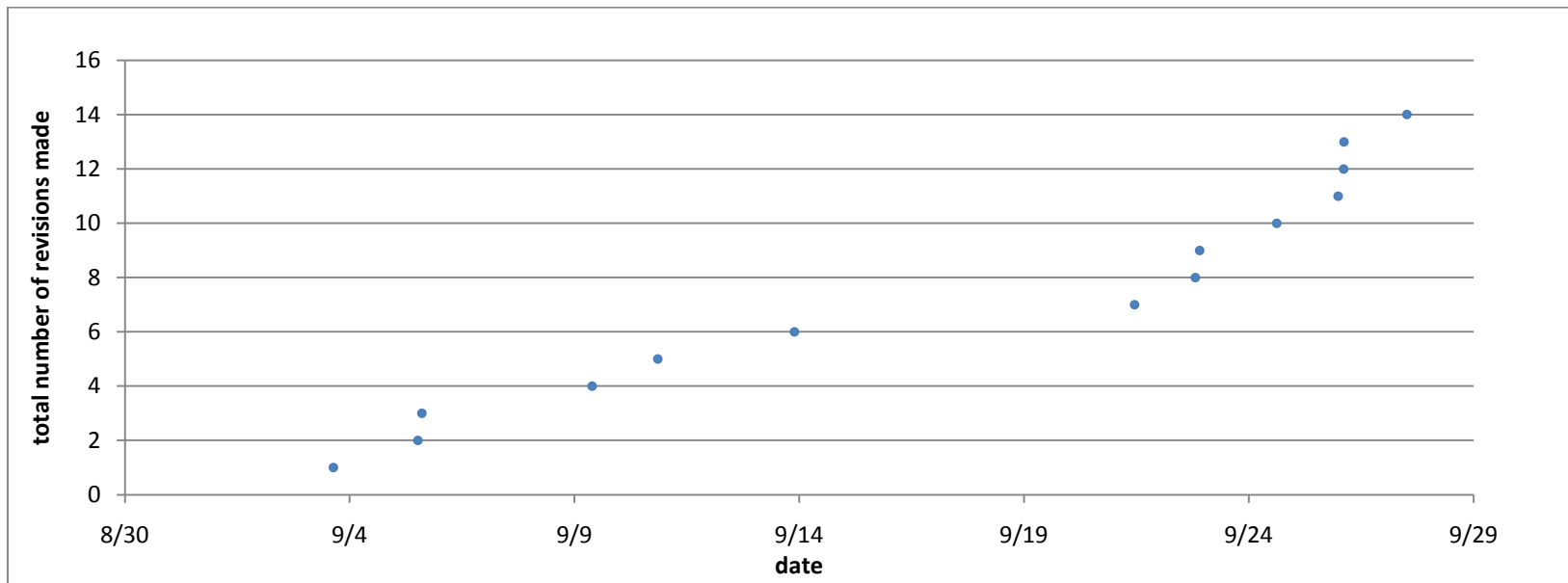
Figure 3.2 shows the number of revisions made to “The Hitchhiker’s Guide to the Galaxy” in September. As a *featured* article, it remained fairly stable. Only 16 revisions were made, and they were interspersed evenly throughout the month. Figure 3.3 shows revisions made to “2009 Northwestern Wildcats football team” in the same month. Revisions to this article occurred in short bursts. Several would be made within the span of a few minutes, and then a few days would go by without any changes to the article.

Figure 3.4 displays the number of revisions made to “Murder of Annie Le” in September. After the article’s creation on September 13, many revisions were made in a short time frame. Editor *GG The Fly* began the article shortly after the body of the victim was discovered. As the media reported new information about the case, editors incorporated it into the article. After a suspect was arrested on the 17<sup>th</sup>, the rate at which changes were made decreased rapidly. Editors continued to update the article, but their revisions became fewer and farther apart. Interest in the subject seemed to wane, as the event was no longer current. By the end of the month, the number of revisions made per

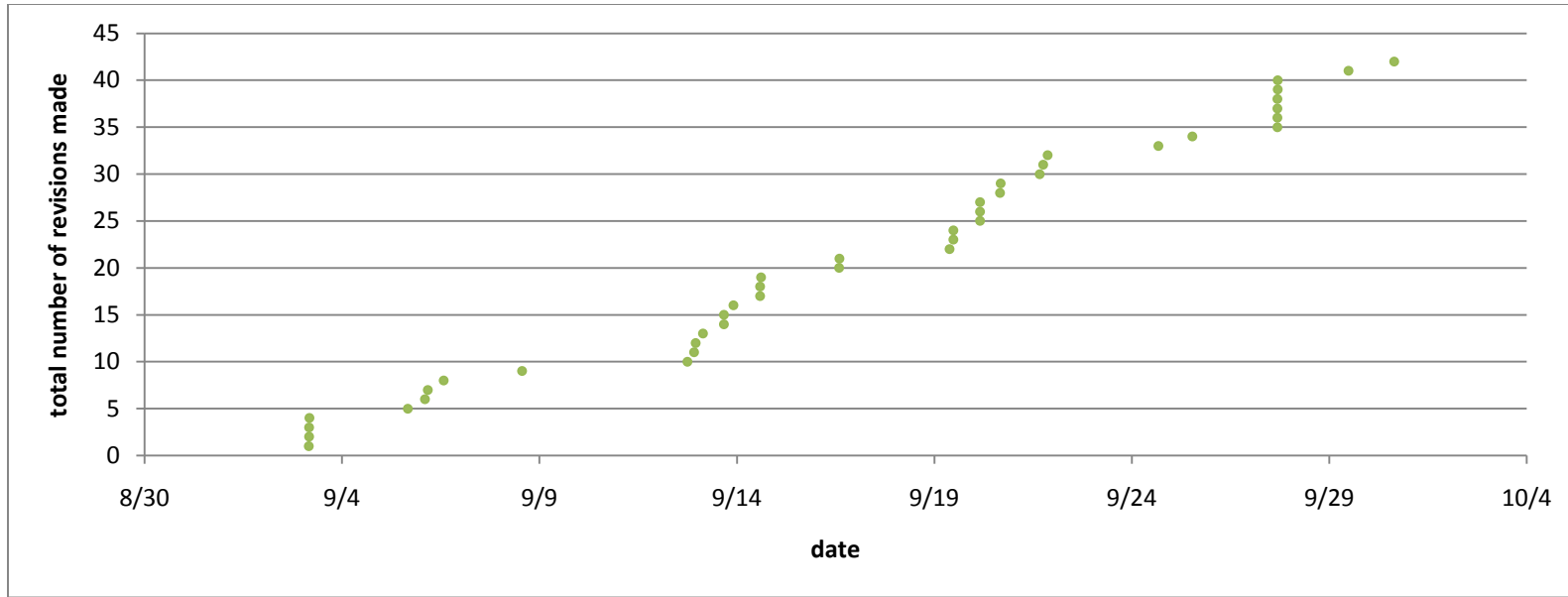
day to “Murder of Annie Le” was similar to those of “The Hitchhiker’s Guide to the Galaxy” and “2009 Northwestern Wildcats football team.”



**Figure 3.1:** Number of revisions made per day to “Murder of Annie Le,” “The Hitchhiker’s Guide to the Galaxy,” and “2009 Northwestern Wildcats football team” in September, 2009

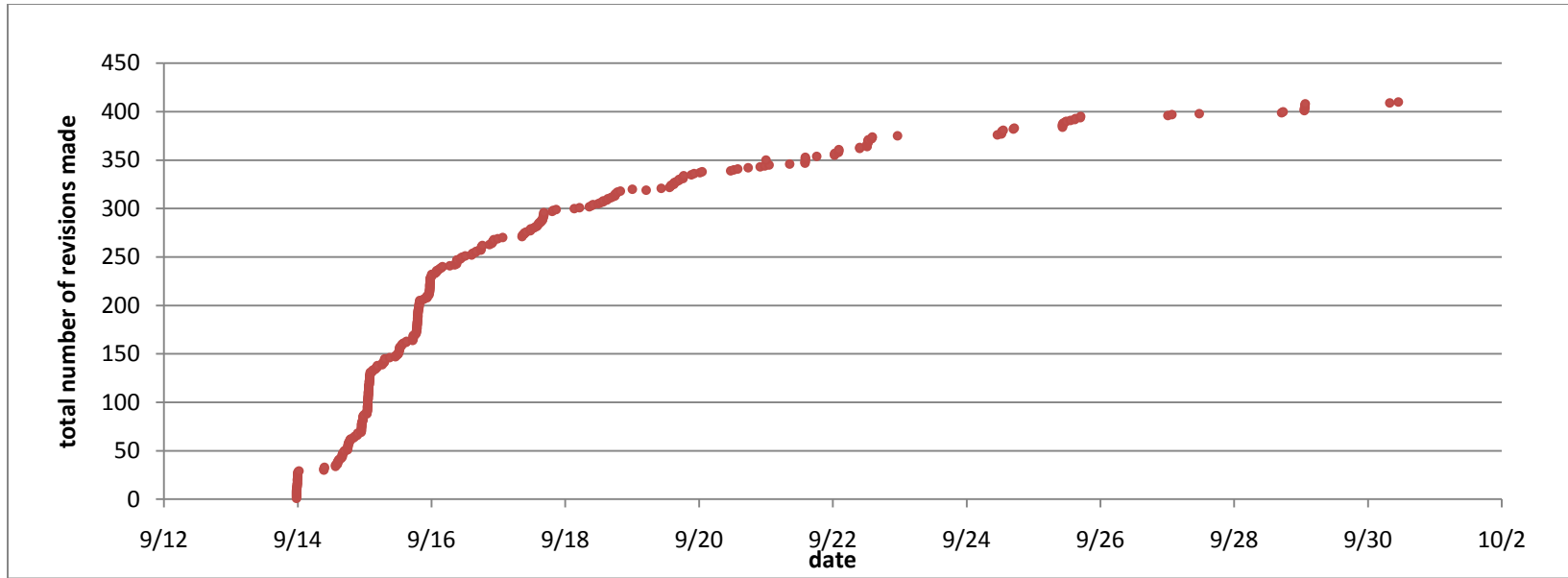


**Figure 3.2:** Number of revisions made to “The Hitchhiker’s Guide to the Galaxy” in September, 2009.



**Figure 3.3:** Number of revisions made to “2009 Northwestern Wildcats football team” in September, 2009.



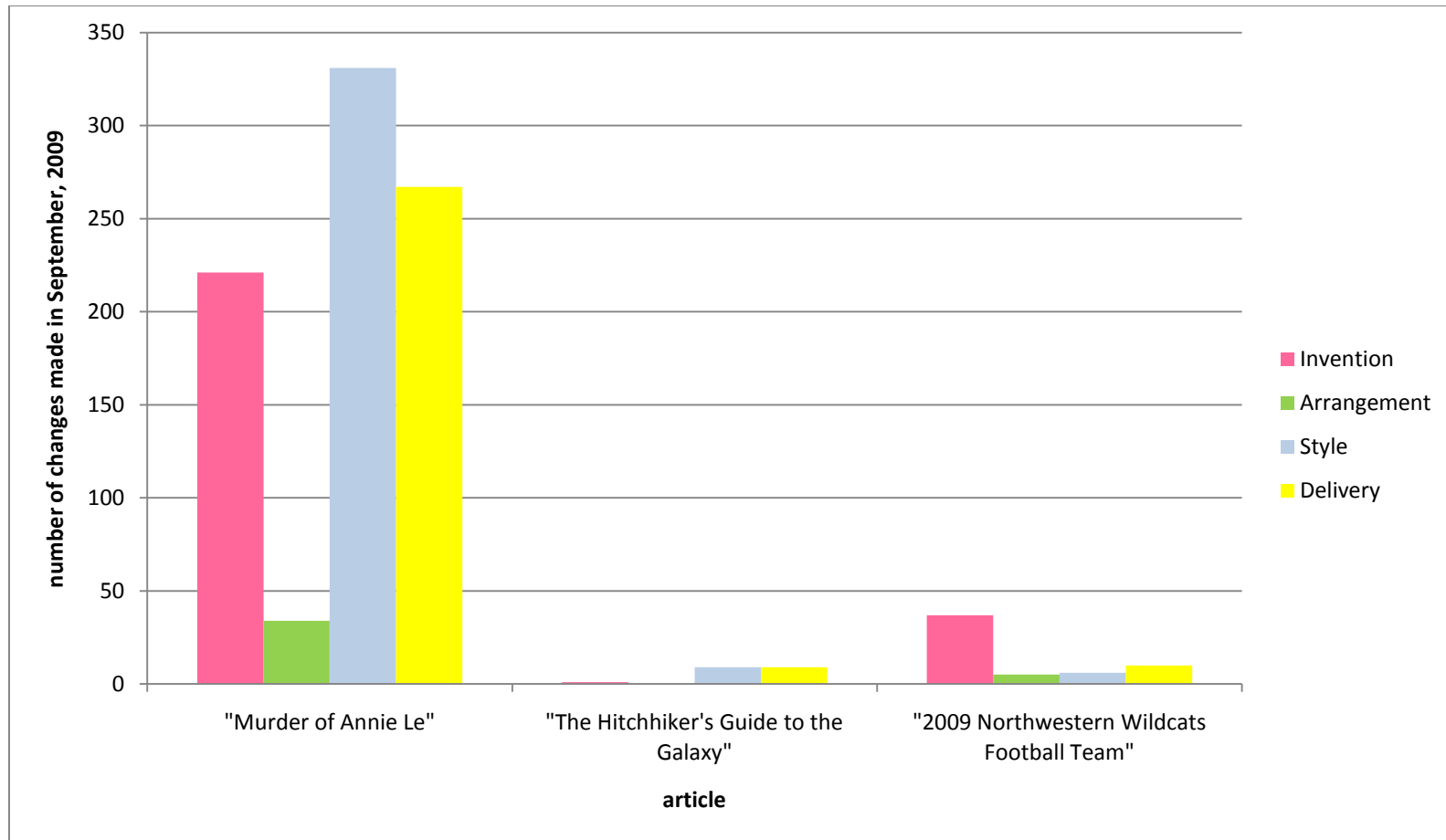


**Figure 3.4:** Number of revisions made to “Murder of Annie Le” in September, 2009

## Overview of changes

In order to simplify my comparisons of the three articles, I made a chart illustrating the changes made to each one by the four major canons. To do this, I added the changes in all the categories that affected invention (*Invention*, *Invention/Arrangement*, *Invention/Style*, *Invention/Delivery*, *Invention/Arrangement/Style*, *Invention/Arrangement/Delivery*, and *Invention/Arrangement/Style/Delivery*). I repeated the process for each of the other four canons. Changes in the combined categories were counted more than once (all *Invention/Arrangement* changes were counted as *Invention* and *Arrangement*, for example). Figure 3.5 shows the total number of changes that affected each major canon. “Murder of Annie Le” has the greatest number of changes, both because it had the most revisions made to it and because many of the changes were classified in combined categories.

As we can see from Figure 3.5, the types of changes made to each of the three articles varied greatly. “2009 Northwestern Wildcats football team” had a greater percentage of invention changes than either of the other two articles. After each game, editors added statistics; however, they paid little attention to *Arrangement*, *Style*, and *Delivery*. The article remained little more than tables with numbers.



**Figure 3.5:** Number of changes to “Murder of Annie Le,” “The Hitchhiker’s Guide to the Galaxy,” and “2009 Northwestern Wildcats Football team” by four main canons: *Invention*, *Arrangement*, *Style*, and *Delivery*

Both of the other two articles, “Murder of Annie Le” and “The Hitchhiker’s Guide to the Galaxy,” had much higher percentages of *Style* and *Delivery* changes than invention change. Many issues of *Wikipedia* policy, such as neutral point of view, living persons, and naming conventions, came up in “Murder of Annie Le.” Some of these matters proved controversial; changes were made and quickly reverted as editors tried to advocate their points of view on how the article should be written. As a result of this, “Murder of Annie Le” had the greatest percentage of *Style* changes. There were also a great number of delivery changes as the article was added to different categories and tags were added and removed.

“The Hitchhiker’s Guide to the Galaxy” had the smallest percentage of invention changes. As a *featured* article, it had already been rated as comprehensive by *Wikipedia*’s editors. Little in the way of information needed to be added to preserve the article’s quality. However, some style and delivery changes were made. These formal changes can be viewed as small polishes to an already excellent article.

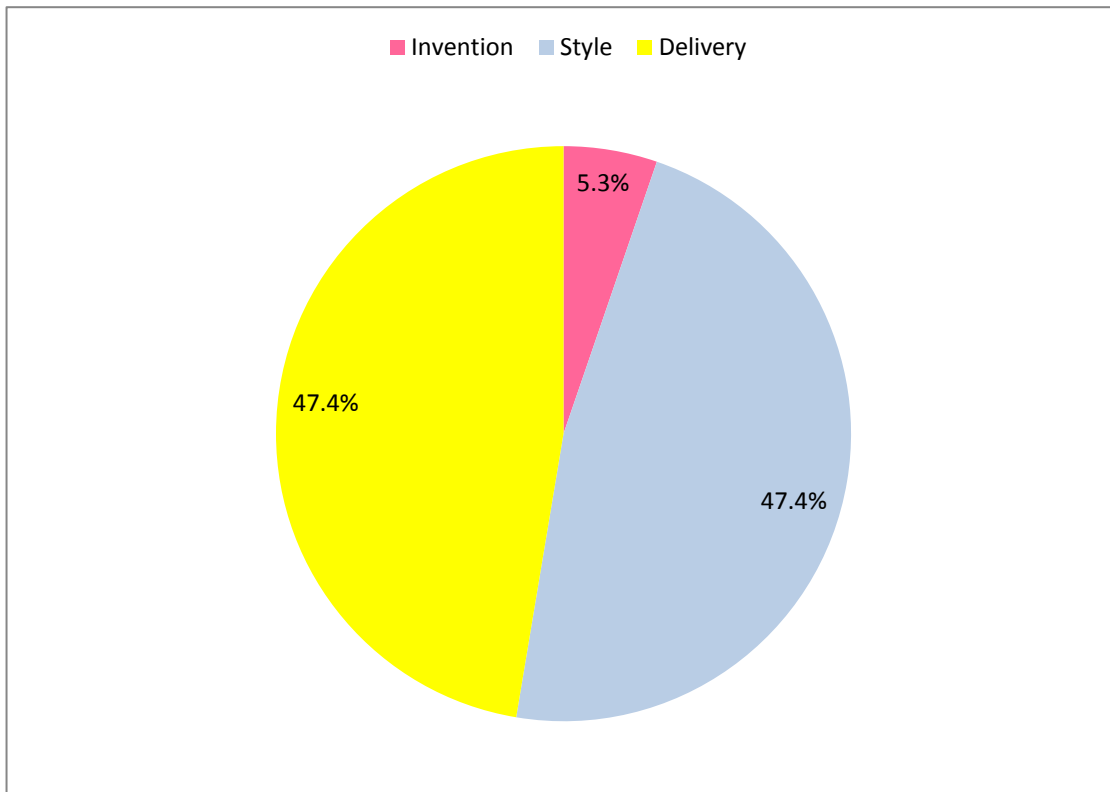
I coded very few changes made to any of the articles as solely arrangement. This may be due to my personal bias; my other three categories were far broader than arrangement, encompassing many different types of changes. I also found that most arrangement changes were not pure. That is to say that they also affected other canons. For example, I categorized adding sections and tables to articles as both arrangement and style. These types of changes changed the way the article was organized, but I feel that they also reflected *Wikipedia*’s Manual of Style by following preferred formats. The Manual of Style has a section on section headings, which leads me to conclude that

changes to section headings should be categorized as style as well as arrangement (“Wikipedia:Manual of style”).

### **A more detailed look at changes to each article**

#### **“The Hitchhiker’s Guide to the Galaxy”**

The percentages of changes made in each category differed greatly between the three articles. “The Hitchhiker’s Guide to the Galaxy” had the fewest overall revisions, only 14 in the entire month. As we can see from Figure 3.6, an equal number of style and delivery changes were made to “The Hitchhiker’s Guide to the Galaxy.” In Faigley and Witte’s terminology, these types of changes are *surface changes*. They have no effect on the meaning of the article. A *featured* article is occasionally revised, but the changes made to it generally do not affect its overall quality. Style changes to “The Hitchhiker’s Guide to the Galaxy” were mainly spelling and punctuation changes. Two different editors changed the spelling of the word *instalment* to *installment* on separate dates in September.

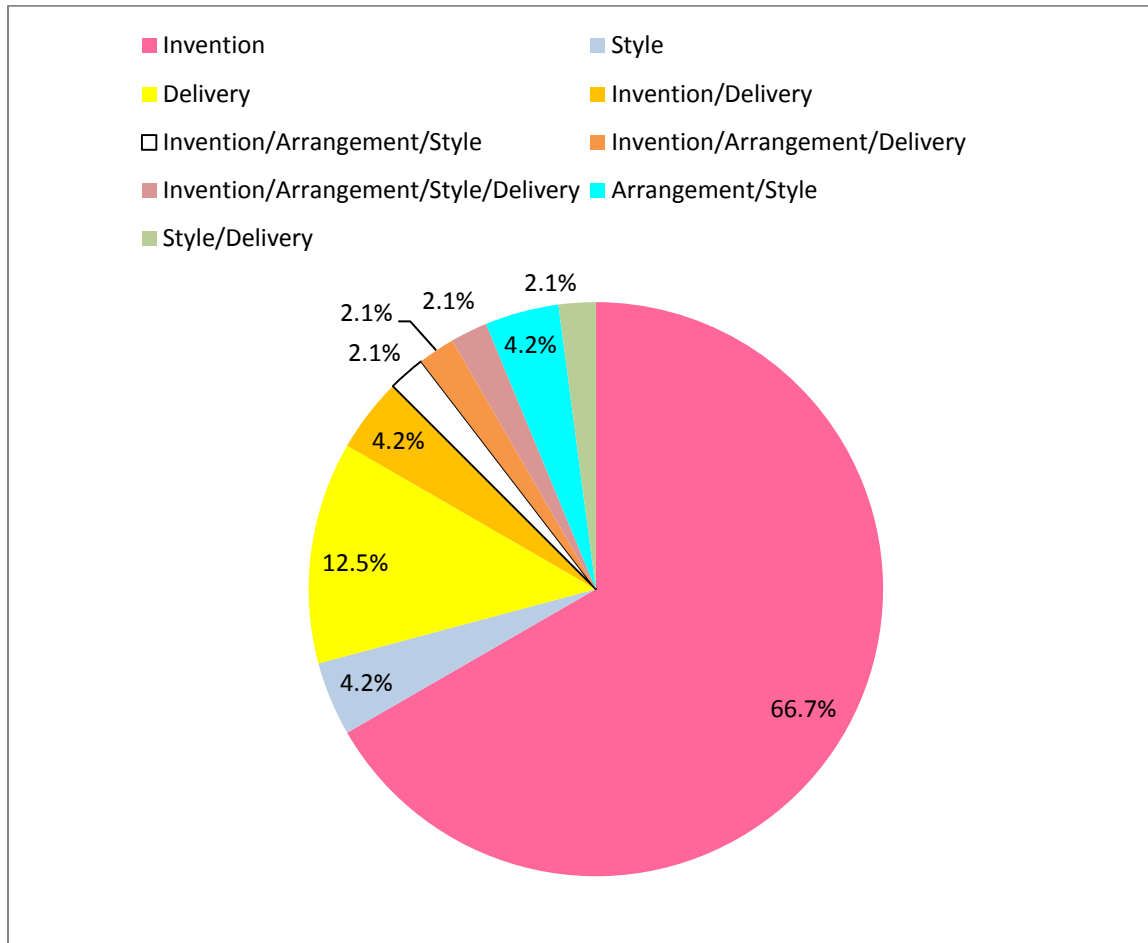


**Figure 3.6:** Percentages of changes to “The Hitchhiker’s Guide to the Galaxy” in each category.

**“2009 Northwestern Wildcats Football team”**

Figure 3.7 shows the percentages of changes made to “2009 Northwestern Wildcats Football team” in September, 2009. The majority of changes were invention, mainly adding scores and other numerical information to tables. The next largest category of changes was delivery; these changes were making wikilinks to other *Wikipedia* articles

and bolding the name of the winning team after a game. Most of the changes, 40 out of 47<sup>8</sup>, fit neatly into one of the four major canons.



**Figure 3.7:** Percentages of changes made to “2009 Northwestern Wildcats football team” by category.

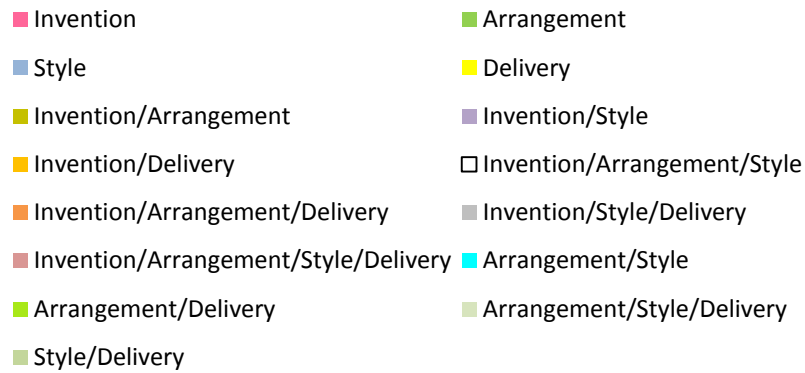
<sup>8</sup> While there were only 42 *revisions* made to “2009 Northwestern Wildcats football team,” some revisions had more than one *change*. Therefore the total number of *changes* (47) is larger than the number of *revisions* (42).

## **“Murder of Annie Le”**

The “Murder of Annie Le” article had the most varied types of changes as well as the most revisions and changes. As I was coding this article, I found that many changes belonged to more than one category. I made new categories that encompass various combinations of the four canons: invention, arrangement, style, and delivery. Figure 3.8 shows all the categories I used and the percentage of changes in each one. Although the article was created in September 2009 and expanded greatly between the 13<sup>th</sup> and the 30<sup>th</sup>, only approximately 14% of the changes were classified as purely invention. Many invention changes also affected style and delivery. For example, I often coded reverts as *Invention/Style (IS)*, because they changed the meaning of the article and dealt with issues of *Wikipedia* policy. Clearly, issues of style and delivery are just as important, if not more important, than invention to *Wikipedia*’s editors.



## Types of Revisions in "Murder of Annie Le"



**Figure 3.8:** Percentages of changes made to "Murder of Annie Le" by category.

## CHAPTER 4

### DISCUSSION

Now that the coding results have been presented, this chapter contains a more in-depth analysis of the changes made to each article. I answer my next research questions: Are different types of changes made to articles of different rankings on *Wikipedia*'s quality scale? If so, what types of changes are more common in well-written articles than in poorly written ones and vice versa? Some other observations I made about editing in *Wikipedia* that are also in this chapter. While each article yielded some interesting information, much of the discussion will focus on "Murder of Annie Le." This article not only had the greatest number of revisions, but gave me the opportunity to see how editors resolve disagreements about *Wikipedia* policy. After discussing the issues each article illustrates, I mention the limitations of the study and then provide a brief follow-up on each article to see how it has changed from September, 2009 to July, 2010.

#### **"The Hitchhiker's Guide to the Galaxy"**

"The Hitchhiker's Guide to the Galaxy" is by far the oldest of the three articles, as well as the highest ranked. Editor *Themeweaver* created it on November 17, 200. The first version of the article was only a few paragraphs and a list of the books in *The Hitchhiker's Guide to the Galaxy* "trilogy."<sup>9</sup> There were a few links, both internal and external, but no references or images. Since that date, over 1000 editors have revised it,

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<sup>9</sup> Douglas Adams, the creator of *The Hitchhiker's Guide to the Galaxy* series, which includes radio broadcasts, television series, stage plays, novels, video games, and a film, referred to the novels as a "trilogy" even though he wrote five books. Author and comedian Eoin Colfer wrote the sixth book in the "trilogy" after Adams' death ("The Hitchhiker's Guide to the Galaxy;" "Eoin Colfer").

expanding it significantly. After undergoing a review, it received the *featured* article ranking on June 5, 2005. At that time, the article had included a table of contents, 32 sections (and some subsections), 15 images, two audio files, and 47 footnotes. Between June, 2005 and September, 2009 it had been shortened. When I began coding, there were 17 sections (with some subsections), nine images, and 44 footnotes. This article changed very little during my coding time frame.

As I expected, the “Hitchhiker’s Guide to the Galaxy” had the fewest revisions made to it in the month of September, 2009. This is most likely due in large part to its status as a *featured* article. Stability is one of the criteria for *featured* article status. A *featured* article’s “content does not change significantly from day to day” (“Wikipedia:Featured article criteria”). Although no article on *Wikipedia* is ever fully complete, a *featured* article bears the closest resemblance to a final version of a text. “The Hitchhiker’s Guide to the Galaxy” had only one invention change, the deletion of a sentence. This scarcity of invention change is probably due to the comprehensive nature of the article. Comprehensiveness is another characteristic of *featured* articles; they must “[neglect] no major facts or details” (“Wikipedia:Featured article criteria”). *Wikipedia*’s editors indicated that “The Hitchhiker’s Guide to the Galaxy” was comprehensive when they designated it as a *featured* article on June 1, 2005. Therefore, in September 2009 few invention, or meaning, changes were necessary.

As I mentioned in the results chapter, several changes to this article were changes from the British to American spellings of words and vice versa. Two editors changed the word *instalment* to its American spelling, *installment*, despite a note that appears next to

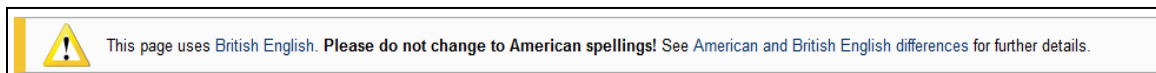
the word when someone edits the page (see Figure 4.1). The note indicates that *instalment* is a British spelling.

```
Line 116:
=== "And Another Thing..." ===
{{main|And Another Thing... (novel)}}
it was announced on 17 September 2008 that "[[Artemis Fowl (series)|Artemis Fowl]]" author [[Eoin Colfer]] has
been commissioned to write the sixth instalment<!--This is a British spelling, do not change it--> entitled "And
Another Thing..." with Jane Belson, Adams' widow, giving her approval.<ref name="book6">{{Cite
web|url=http://news.bbc.co.uk/1/hi/entertainment/7619828.stm|title=New Hitchhiker's author announced|date=
[[2008-09-16]]|accessdate=2008-09-17|publisher=[[BBC News]]|work=Entertainment/Arts}}</ref><ref
name="reuters_book6">{{cite web | url=http://www.reuters.com/article/oddyEnoughNews
+ /idUSLH9268320080917?feedType=RSS&feedName=oddyEnoughNews&rpc=69 | title=Hitchhiker's Guide series to
ride again | work=[http://www.reuters.com/home Reuters.com] | publisher=[[Thomson Reuters]] | date=[[2008-09-17]]
| accessdate=2008-09-17 | last=Griffiths | first=Peter}}</ref> The book is intended to be published by [[Penguin
Books]] in the UK and [[Hyperion (publisher)|Hyperion]] in the US in October 2009.<ref name="book6"/><ref>{{Cite
web|url=http://www.guardian.co.uk/books/2008/sep/17/douglasadams|title=Eoin Colfer to write sixth Hitchhiker's
Guide book|date=[[2008-09-17]]|accessdate=2008-09-17|publisher=[[The Guardian]]|work=Culture -
Books|author=Flood, Alison}}</ref>
=== "The Salmon of Doubt" ===
```

**Figure 4.1:** Revision made to “The Hitchhiker’s Guide to the Galaxy” by Editor 67.175.32.232 on September 5. The red indicates the change made in the spelling of the word *installment*. The note beside it asks editors not to change it to the American spelling.

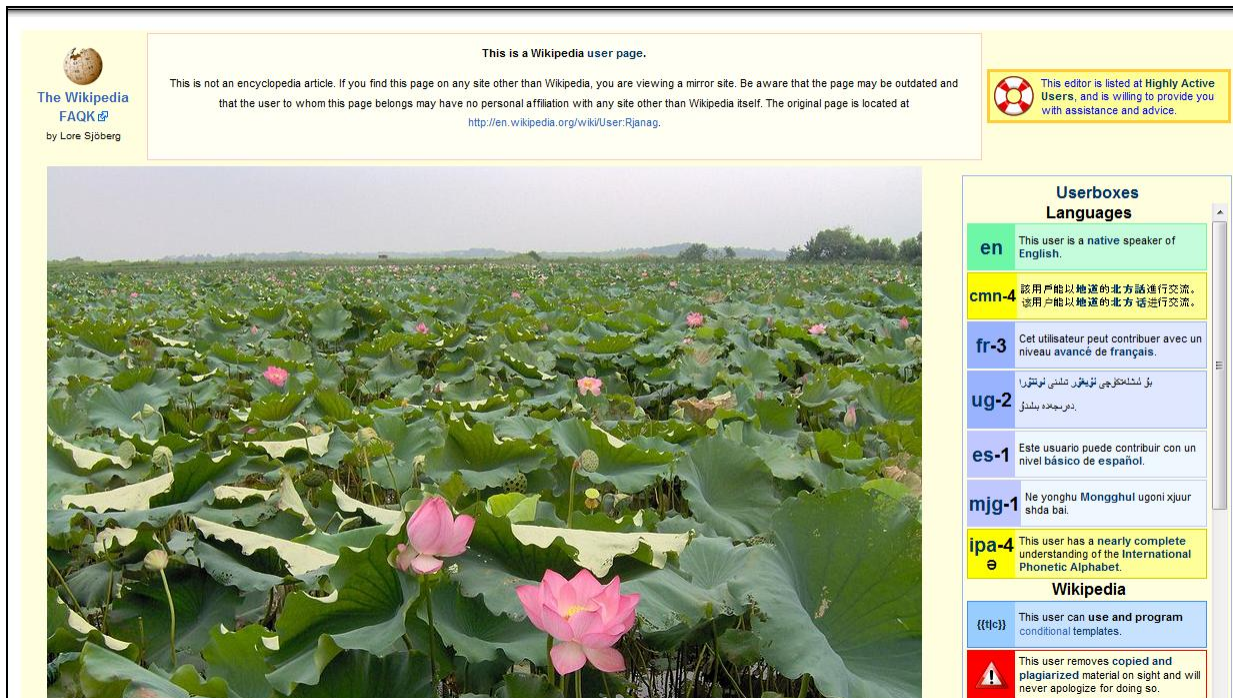
Figure 4.2 shows an additional warning about British spellings that appears at the top of the editing page (“Editing The Hitchhiker’s Guide to the Galaxy”). Despite these notes, editors sometimes change words from British to American spelling. Users may be influenced by web browsers, such as Mozilla Firefox, that underline misspelled words in

red and give suggestions as to correct spellings when users right click on them. In the United States, Firefox marks British spellings as incorrect and suggests American spellings to replace them. Editors who are unsure of spelling may rely on this spell check feature.



**Figure 4.2:** The warning about spelling that appears at the top of the editing page of “The Hitchhiker’s Guide to the Galaxy.”

I noted that both of the editors who changed *instalment* to its American spelling were not registered *Wikipedia* users. They are identified solely by their IP addresses. Editors who choose not to register may be less familiar with *Wikipedia*’s regulations than those with usernames. In this case, both editors ignored the notes on spelling. Editor *Rjanag* reverted each of their a few hours after they were made. Editor *Rjanag* has been writing and editing on *Wikipedia* since August, 2008 (“User contributions: Rjanag”). He has placed a logo on his page, which indicates that he is a highly active user of *Wikipedia* and is “willing to provide assistance and advice” (“User:Rjanag”). See Figure 4.3 for a snapshot of his page that shows the “Highly Active User” logo. As an experienced user, he knows to adhere to the spelling notes in “The Hitchhiker’s Guide to the Galaxy.”



**Figure 4.3:** Editor *Rjanag*'s user page. Note the box with the life preserver in it indicating that he is a highly active user.

**“2009 Northwestern Wildcats Football team”**

Editor *Scarlet Spartan* created “2009 Northwestern Wildcats Football team” on March 7, 2009 using *Wikipedia*'s future sports' template. The first version of the article had the schedule of games to be played and a table of Big Ten football standings. The future sports' template has since been deleted from *Wikipedia*, so editors can no longer use it to create articles. Editor *Pknkly* made the next revision to the article on March 24, adding a *stub* tag to it. According to *Wikipedia*, “a *stub* is an article containing a few sentences of text which [*sic*] is too short to provide encyclopedic coverage of a subject,

but not so short as to provide no useful information” (“Wikipedia:*Stub*”). Editors use *stub* tags to notify others that articles need to be expanded.

As I mentioned in the Results chapter, “2009 Northwestern Wildcats football team” had a higher percentage of invention edits than either of the other two articles. This concentration on invention to the detriment of the other canons may have something to do with the article remaining a *stub*. In the month that I studied the article, none of the information was cited. Citations are necessary for an article to advance in quality. A loose collection of facts is not enough for an article to be considered high-quality by *Wikipedia*’s editors; it must also adhere to *Wikipedia*’s policies and guidelines.

More than either of the other two articles, “2009 Northwestern Wildcats Football team” brings to mind issues of quality in the *Wikipedia* community. While the other two articles improved in quality, according to the *Wikipedia* community’s criteria, as they expanded, this article was still classified as a *stub* more than a year after its creation.<sup>10</sup> I asked for an explanation, and two more experienced Wikipedia editors, Editor *SoWhy* and Editor *Ute in DC*, replied to me. They wrote that the article needed prose in addition to game statistics in order to advance beyond *stub* status (“Talk:2009 Northwestern Wildcats football team”; “User talk:Editor Lara”).

In examining why the article remained a *stub*, I discovered WikiProjects. A WikiProject is a “collection of pages devoted to the management of a specific topic or family of topics within *Wikipedia*; and, simultaneously, a group of editors who use those

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<sup>10</sup> The *stub* tag was finally removed from the main page of the article on June 30, 2010. As of August 14, 2010, it is still classified as a *stub* within WikiProject Chicago, but it is in the start class of WikiProject College Football.

pages to collaborate on encyclopedic work. It is...a resource to help coordinate and organize the writing and editing of...articles” that fall within its scope (“Wikipedia:WikiProject”). An article may be part of several WikiProjects. “2009 Northwestern Wildcats football team” is part of the Chicago WikiProject and the college football WikiProject.

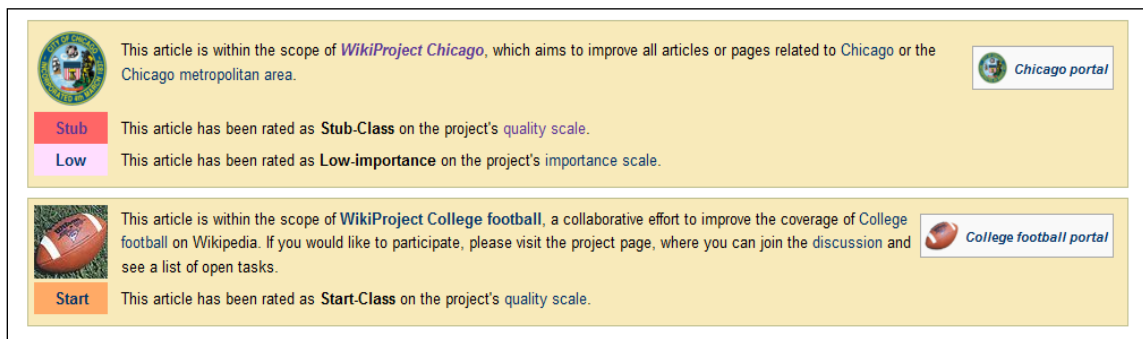
Each WikiProject has its own quality scale for ranking articles below *good* article status (*stub*, *start*, *C*, and *B*). Thus, it is possible for the same article to have different statuses on different WikiProjects. However, in order for an article to be on the upper end of the quality scale (*good*, *A*, or *featured*), it must be nominated and undergo a review period by an external panel (“Wikipedia:Version 1.0 editorial team/assessment”). Since it has successfully made it through the review process, “The Hitchhiker’s Guide to the Galaxy” is listed as a *featured* article on the main page and in all five WikiProjects to which it belongs. (“Talk:The Hitchhiker’s Guide to the Galaxy”).

“Murder of Annie Le” is rated C-class on all five WikiProjects of which it is part (“Talk:Murder of Annie Le”). According to WikiProject Biography, a C-class article is “substantial, but is still missing important content or contains a lot of irrelevant material” (“Wikipedia:WikiProject Biography/assessment”). This “C” ranking seems to be the equivalent of a “C” in school grades, average. I will discuss the C-class rank further in the section on “Murder of Annie Le.”

“2009 Northwestern Wildcats Football team” had different rankings on the two WikiProjects to which it belongs (see Figure 4.4). WikiProject Chicago rates it as *stub* class, and WikiProject College football rates it start class as of March 8, 2010



(“Talk:2009 Northwestern Wildcats football team”). The article’s creator, Editor *Scarlet Spartan*, placed it within WikiProject College football on March 7, 2009. The next day, Editor *DeFaultRyan* tagged it as future class within the WikiProject, indicating that the season had yet to take place. After the season began, Editor *DeFaultRyan* changed the tag to current class to reflect that the season was ongoing. This ranking remained until Editor *Ute in DC* changed it to start class on February 26, 2010. In the same revision, this editor responded to my question about article rankings. This makes me wonder whether my inquiry brought his attention to the article’s status within WikiProject College football and led him to change it to “start.” I may have inadvertently affected the status of the article, thus making myself not only an observer, but a participant in its evolving status.



**Figure 4.4:** The information about WikiProjects that appears on the “2009 Northwestern Wildcats Football team” discussion page. We can see that the article is *stub* class in WikiProject Chicago and start class in WikiProject College football.

The “start” ranking is one level above “*stub*.” WikiProject College football describes this class of article as one “that is developing, but is quite incomplete, and,

most notably, lacks adequate reliable sources” (“Wikipedia:WikiProject College football/assessment”). At the time Editor *Ute in DC* changed “2009 Northwestern Wildcats Football team’s” status from “current” to “start,” February 23, the article had no sources listed in the reference section. In his reply to me, Editor *Ute in DC* wrote that the article needed citations, descriptions of each game, and information about events that happened outside the game in order to advance to the next level (“Talk:2009 Northwestern Wildcats football team”). On March 8, Editor *Ute in DC* added references for each of the games. As of March 9, the article is still ranked as start, perhaps because it still has very little prose; there is only a short paragraph at the beginning and a description of the Penn State game (“2009 Northwestern Wildcats football team”).

Editor *ShepBot* added “2009 Northwestern Wildcats Football team” to WikiProject Chicago on March 21, 2009. Three days later, Editor *Pnkly* classified it as a *stub* within the WikiProject. According to Chicago WikiProject guidelines, a *stub* “is either a very short article or a rough collection of information that will need much work to become a meaningful article. It is usually very short, but if the material is irrelevant or incomprehensible, an article of any length falls into this category” (“Wikipedia:WikiProject: Chicago/assessment”). Although “2009 Northwestern Wildcats football team” is not very short, it consists primarily of tables with statistics about each game. The only prose in the article is a short paragraph at the beginning. This is probably one of the reasons it still remains a *stub* within WikiProject Chicago, as of June 30, 2010.

## **“Murder of Annie Le”**

“Murder of Annie Le” was the newest article I studied. Editor *GG the Fly* created it on September 13, 2009, and it grew very rapidly. By the end of September, it had developed from a single paragraph to five sections. As mentioned in the results chapter, “Murder of Annie Le” had by far the greatest number of revisions of the three articles (410 as compared to 14 in “The Hitchhiker’s Guide to the Galaxy” and 42 in “2009 Northwestern Wildcats Football team”). As a new article, “Murder of Annie Le” needed to be situated within the context of *Wikipedia* as a whole. In order to do this, editors made many style and delivery revisions. Unlike “2009 Northwestern Wildcats Football team,” “Murder of Annie Le” was never tagged as a *stub*. One of the reasons for this might be that the latter article had a far greater percentage of stylistic changes than the former. As mentioned in the previous section, Jones’ research indicates that articles with more style changes are more likely to have higher rankings than those with primarily invention changes.

As a new article, which garnered much interest from editors, “Murder of Annie Le” gave me several interesting insights into the Wikipedian community. First, I discuss its C rank in several WikiProjects. What follows is descriptions of two debates between editors on the articles talk page: whether the article should be deleted and whether its name should be changed. The article was also the target of vandalism, and one section prompted a discussion about one of *Wikipedia*’s five pillars, neutral point of view; these points are also visited in this section.

## What does C mean?

The quality rank of “Murder of Annie Le” did not provide me with as many insights as the ranks of “The Hitchhiker’s Guide to the Galaxy” and “2009 Northwestern Wildcats Football team.” It was never tagged as a *stub*, and it also wasn’t nominated for *featured* status. The article’s talk page had no discussions about what rank it deserved. Editor *Noj r* added “Murder of Annie Le” to several WikiProjects the day after its creation: WikiProject Biography, WikiProject Connecticut, WikiProject Crime, and WikiProject Universities. It was ranked *C-class* on every WikiProject except for WikiProject Connecticut, which ranked it *B-class*. A couple of days later, on September 16, Editor *Dillard421* changed the WikiProject Connecticut ranking from B-class to C-class.

According to the WikiProject Connecticut quality scale, a *B-class* article “is mostly complete and features references to reliable sources, pictures and is neutral in point of view” (“Wikipedia:WikiProject Connecticut/assessment”). A *C-class* article is “a substantial article but one which may require cleanup or further citation, pictures, or expansion” (“Wikipedia:WikiProject Connecticut/assessment”). When Editor *Noj r* ranked “Murder of Annie Le” as B-class (at 18:25 on September 14), it had references but no pictures. It didn’t seem to be “mostly complete,” since it was only one section with four paragraphs; while the first paragraph was lengthy, the other three were each only one sentence long. Given WikiProject Connecticut’s quality scale, this version of the article does not appear to up to *B-class* standards. When Editor *Dillard421* demoted

the article to *C-class* on WikiProject Connecticut, it was more complete; it had a table of contents, four sections, and two information boxes, one of which contained a picture.

The demotion doesn't appear to be related to any actual deterioration in quality of the article, but rather a difference of opinion between Editor *Noj r* and Editor *Dillard421* about how it should be classified. Neither editor is a member of WikiProject Connecticut; they were also not members of this project on the dates they edited the article's rank within it. Also, Editor *Dillard421* claims to live in Texas, although Editor *Noj r* does not mention a location on his talk page ("User Dillard421;" "User Noj r"). The difference between B-class and C-class may not be considered as important as the qualifications for a *featured* article. There is no nomination or review period for rankings below *good* articles; these quality assessments are generally made by members of WikiProjects ("Wikipedia:Version 1.0 editorial team/assessment").

"Murder of Annie Le was not added to any other WikiProjects for the rest of September, 2009. On January 12, 2010, Editor *Pollinosiss* added it to WikiProject Death. As of August 15, 2010, "Murder of Annie Le belongs to five WikiProjects (Biography, Connecticut, Crime, Universities, and Death) and is ranked *C-class* in all of them. As I explained in my earlier discussion of WikiProjects and ranks, *B* and *C* grades are at the discretion of WikiProjects; since *B* and *C* class articles do not have to undergo reviews by external panels, these ranks are not as reliable as *good*, *A*, or *featured* ranks in determining quality on *Wikipedia*.

## Deletion debate

Less than an hour after Editor *GG the Fly* created “Murder of Annie Le,” Editor *CambridgeBayWeather* nominated the article for deletion. He cited one of *Wikipedia*’s notability guidelines, “People notable for only one event.” *Wikipedia* has several guidelines for determining whether or not a person is significant enough to have a biographical article on *Wikipedia*. To be deemed notable enough for *Wikipedia*, a person must “have been the subject of published secondary source material which is reliable, intellectually independent, and independent of the subject” (“Wikipedia:Notability (people)”). After Le was found missing, many independent news sources reported on the event, which would lead one to believe that the article should satisfy notability criteria. However, this guideline comes with a caveat. “When an individual is significant for their role in a single event, it may be unclear whether an article should be written about the individual, the event or both....The general rule in many cases is to cover the event, not the person” (“Wikipedia:Notability (people)”).

When it was created, the article was titled simply “Annie Le,” indicating that its focus was on Le herself and not the murder. Since Le’s only claim to notability is her murder, Editor *CambridgeBayWeather* felt that a biographical article about her did not belong on *Wikipedia*.<sup>11</sup> He did not, however, delete the article. Instead he nominated it for deletion, explained his reasoning, and gave other *Wikipedia* editors the opportunity to

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<sup>11</sup> Although in this case, editors decided to name the article after the event, rather than the victim, other articles about crimes are not always consistent with this. For example, “Natalee Holloway” is about a disappearance, but the article is titled with the victim’s name and not the crime. There is ongoing debate about this; the name issue was discussed on the talk page as recently as July 2, 2010 (“Talk:Natalee Holloway”). “Natalee Holloway” is a featured article, which indicates that the *Wikipedia* community in general does not consider the title to be problematic.

discuss the issue. Consensus is one of *Wikipedia*'s conduct policies. It is “Wikipedia’s fundamental model for decision-making” (“Wikipedia:Consensus”). *Wikipedia*'s editors are encouraged to discuss proposed changes reasonably before reaching a decision.

After nominating “Murder of Annie Le” for deletion, Editor *CambridgeBayWeather* created a page to discuss the issue. Other editors voted either to keep or delete the article and explained their reasoning. After three days of discussion, 47 editors voted to keep the article, and 13 voted to delete it. Most of the editors who voted to keep it recommended that the title be changed to focus on the event rather than the person. Editor *NawlinWiki* ended the discussion early, citing *Wikipedia*'s snowball clause: “If an issue has a [snowball's chance in hell](#) of being accepted by a certain process, there's no need to run it through the entire process” (“Wikipedia:Snowball clause”). After three days of debate, it was clear that the result was overwhelmingly to keep the article and change its name from “Annie Le” to “Murder of Annie Le.” This was done, and the article continued to expand rapidly as more information about the crime was reported.

### **What’s in a name?**

*Moving* is the *Wikipedia* term for changing the title of an article. When an article is renamed, its revision history becomes attached to the new name. In addition, users searching for the old name of the article will be redirected to the article’s new name. (“Help:Moving a page”). Despite the result of the deletion debate to title the article “Murder of Annie Le” instead of just “Annie Le,” editors continued to change the title for

several days after the debate ended. In the case of “Murder of Annie Le,” the title dispute began on September 19 at 15:52 when Editor *Cuchullain* changed the title of the article to “Death of Annie Le.” 58 minutes later Editor *Judo112* changed the title back to “Murder of Annie Le.” Over an hour later, Editor *Suomi Finland 2009* renamed the article “Murder of Annie Le,” citing a debate on the talk page. Her revision comments are as follows: “others mentioned on the talk page that murder only occurs after a conviction. Before that it is homicide [*sic*] or death” (“Revision history of Murder of Annie Le”). Editor *Judo112* responded three minutes later by changing the title to “Homicide of Annie Le,” commenting: “then its homicide...you dont die in a inside of a wall of yourself so to say...” [*sic*] (“Revision history of Murder of Annie Le.”

Editor *Horologium*, an administrator, stepped in to arbitrate the dispute by move protecting the article. Move protection prevents articles from being moved to new titles except by administrators (“Wikipedia:Protection policy”). On the article’s talk page, Editor *Horologium* recommended that editors reach consensus on the title and then request it be removed from move protection (“Talk:Murder of Annie Le.”) While the deletion debate involved 74 editors presenting arguments over the course of three days, the name debate didn’t garner as much interest. It was not until two days after the article was move protected that Editor *Cunard* opened a discussion about the issue. Only seven editors participated in this discussion, and it took over a week for another editor to declare a verdict. This scant participation reflects the slowing of revisions to the article toward the end of September. As the case was no longer new, many editors appeared to have lost interest in the article.



The two main participants in the title discussion were Editor *Cuchullain* and Editor *Xoloz*. Editor *Cuchullain* recommended changing the title to “Murder of Annie Le.” His main argument was that “murder has a specific legal definition,” and that the killing could not be considered a murder until specific charges had been pressed (“Talk:Murder of Annie Le”). In a court case, the crime could be considered murder, manslaughter, or homicide. Editor *Cuchullain* was also concerned about impugning the character of a living suspect. Editor *Xoloz*’s counterargument was that murder has a common, as well as a legal, definition and that regardless of the identity of the suspect, there could be no doubt that Annie Le was “killed inhumanely” (“Talk:Murder of Annie Le”). In the end, more editors were swayed by the latter argument, and the article title remained “Murder of Annie Le.”

### **Biographies of living persons**

During the title debate, several editors referred to one of *Wikipedia*’s core content policies, Biographies of Living Persons (BLP), which states the importance of ensuring that editors consider the rights and privacy of living persons when writing about them. Biographies of living persons “must be written conservatively and with regard to the subject’s privacy” (“Wikipedia:Biographies of living persons”). This tenet applies not only to biographical articles, but to any articles in which the names of living persons are mentioned (“Wikipedia:Biographies of living persons”).

In the case of “Murder of Annie Le,” there was concern about revealing the name of the suspected perpetrator of the crime. Editor *97.124.247.174* was the first to add the

suspect's name to the article. He did this on September 15 shortly after the media reported that the suspect, Raymond Clark, had been interviewed by the police. Editor *Xoloz*, a *Wikipedia* administrator, removed Clark's name later that day, claiming that "Extreme care is needed as any suspect remains BLP protected" ("Revision History of Murder of Annie Le"). This is the same editor who successfully argued that the article's title should include the word *murder*. In her debate with Editor *Cuchullain*, she argued that the word *murder* does not harm a suspect whose name is not mentioned. However, she felt it necessary to remove the suspect's name on the 15<sup>th</sup>, because he had not been officially arrested at that time.

Over the course of the next few days, several editors added Clark's name to the article, while others removed it, citing the BLP policy. Finally, on September 17, after Clark was officially arrested, editors stopped removing his name from the article. Even Editor *Cuchullain*, one of the main proponents of leaving Clark's name out of the article, added information about the arrest that included the suspect's name. It seems that once the suspect was arrested, editors felt that it was now acceptable to include his name in the article. It is interesting to note that *Wikipedia*'s editors tend to be cautious than the media when it comes to revealing names. Several news websites reported Clark's name as soon as he was interviewed by the police, while editors on *Wikipedia* preferred to wait until after he was officially arrested.

## **Vandalism and consequences**

Vandalism, defined as “any addition, removal, or change of content made in a *deliberate* attempt to compromise the integrity of *Wikipedia*” is taken seriously by the Wikipedian community (“Wikipedia:Vandalism”). The vandalism policy page instructs editors to remove vandalism from articles immediately and leave warnings on vandals’ user pages. (“Wikipedia:Vandalism”). If an editor repeatedly vandalizes a page, another user may file a report against him or her on the “Administer intervention against vandalism” page (“Wikipedia:Administrator intervention against vandalism”). Administrators may temporarily or permanently block vandals from editing *Wikipedia* articles.

On September 15, “Murder of Annie Le” was vandalized several times. An editor or editors repeatedly added information stating that rapper Kanye West was a suspect in the investigation. Editor *9014user* first introduced Kanye West’s name to the article at 18:45, deleting all the information about Raymond Clark and replacing it with West’s name. She also linked West’s name to the *Wikipedia* article about him. Editor *64.168.239.34* deleted this vandalism two minutes later. However, Editor *9014user* proved to be persistent, repeatedly adding West’s name to the article after other editors removed it. Each instance of vandalism was removed within a couple of minutes. Editor *Ronhjones* left three warning messages on Editor *9014user*’s talk page. The talk page also showed warnings from four other editors about revisions Editor *9014user* had made to other articles. Finally, on October 31, Editor *Edgar181* blocked indefinitely from making any revisions to *Wikipedia* (“User Talk:9014user”).

Although no further revisions were made to “Murder of Annie Le” by anyone using the *9014user* user name after 19:09 on September 15<sup>th</sup>, this was not the last of the vandalism related to Kanye West. Two hours later, someone using the IP address *68.89.44.35* added his name back to the article. While there is no way for me to find out whether Editor *9014user* and Editor *68.89.44.35* are the same person, the similarity of the changes leads me to believe that Editor *9014user* began using an IP address and continued vandalizing “Murder of Annie Le.” The editor with the IP address *68.89.44.35* followed the same pattern as the registered user *9014user*, adding back West’s name every time another editor deleted it. This continued for 20 minutes. The talk page for *68.89.44.35*, like the *9014user*’s talk page, shows multiple warnings for vandalism. Four of these warnings referenced the vandalism to “Murder of Annie Le.” Less than an hour after the fourth warning had been posted, Editor *Mfield* blocked the IP address for 24 hours. (“User Talk:68.89.44.35”). Although the address is no longer blocked, it was not used to edit “Murder of Annie Le” again; no revisions have been made from it since September 24<sup>th</sup> (“User contributions”).

Incriminating Kanye West in “Murder of Annie Le” is an issue not only of vandalism, but of BLP. Somewhat surprisingly, none of the editors who removed the Kanye West vandalism cited BLP. Still, this case illustrates how committed *Wikipedia*’s editors are to removing vandalism and blocking those who undermine the integrity of the encyclopedia. Users such as Editor *9014user* may create other user accounts or use IP addresses to vandalize persistently, but there are plenty of serious editors to prevent vandalism from becoming a major problem on *Wikipedia*.

### **Biased media and neutral point of view**

As mentioned in the introduction, one of *Wikipedia*'s five pillars is "neutral point of view." The purpose of this policy is to prevent *Wikipedia* from appearing biased. "All *significant* views" must be represented ("Wikipedia:Neutral point of view.") This issue came up in the *Media Coverage* section of "Murder of Annie Le." Editor *TJRC* created this section on September 18. When it was first written, the section was about the "disproportionate attention" the media paid to Le's murder due to her status as an Ivy League student ("Revision history of Murder of Annie Le"). On September 21, Editor *Bubbachuck* complained about this section on the talk page, claiming that "while some pundits are claiming that she received coverage only because she was an Ivy League student," there were other reasons for the extensive media coverage ("Talk:Murder of Annie Le"). On September 27, he rearranged the section, dividing it into two subsections, *Arguments for Inappropriate Media Coverage* and *Arguments for Appropriate Media Coverage*, in order to represent both sides of the issue.

### **Follow-up: The Articles today**

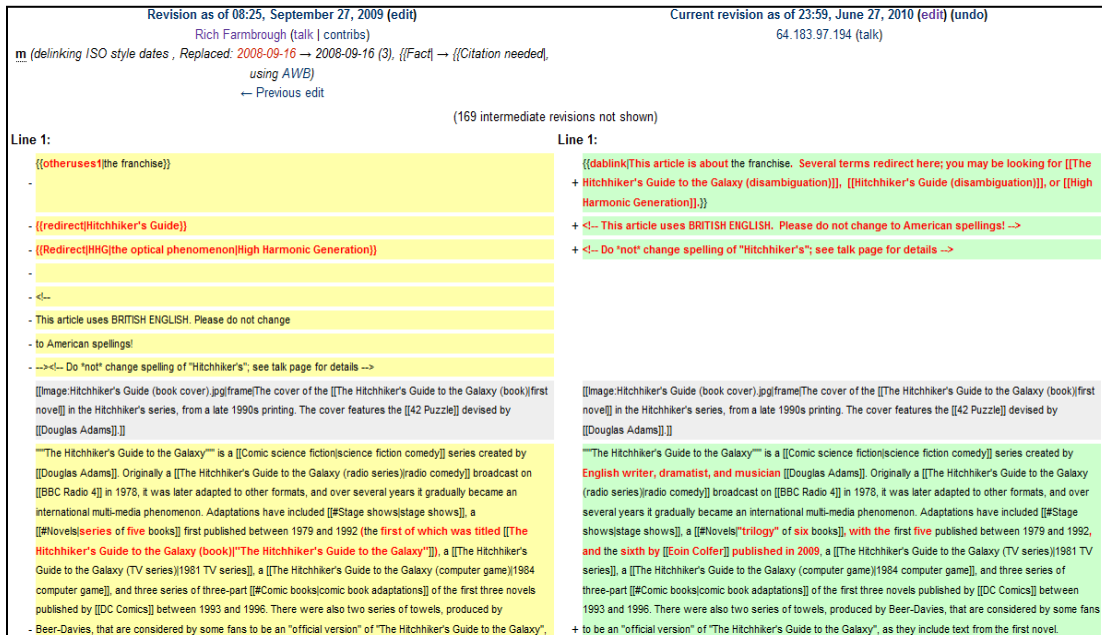
It has been over nine months since the revisions I have discussed here were made. As I have mentioned before, *Wikipedia* articles are constantly evolving. Many revisions have been made since September, 2009, and many more will be made between the time I am writing this section and the time it will be read. I thought it would be interesting to compare the versions of the articles I studied to their current versions.

While the number of revisions made to “Murder of Annie Le” in September, 2009 far outweighed those of the other two articles, the trend was reversed shortly after the month ended. Since I stopped tracking changes made to the three articles, “The Hitchhiker’s Guide to the Galaxy” has been revised the most, followed by “2009 Northwestern Wildcats Football team,” and finally “Murder of Annie Le.” I believe that “The Hitchhiker’s Guide to the Galaxy” has had the most revisions, because it is a *featured* article. As such, it has a group of editors who are invested in maintaining its status. They revise it regularly to ensure that it remains accurate and up-to-date. “2009 Northwestern Wildcats Football team” was updated regularly until the end of the football season. After that, editors appeared to lose interest in it. The frenetic pace of revisions to “Murder of Annie Le” slowed after the suspect was charged. As the media’s attention waned, so did the growth of the article.

### **“The Hitchhiker’s Guide to the Galaxy”**

As we can see from Figure 4.5, 169 revisions have been made to “The Hitchhiker’s Guide to the Galaxy” since September, 2009. The differences between the September 27 version and the June 27 version are indicated in red. These are only the changes that were made to the beginning of the article. Virtually every paragraph has been revised in some way in these nine months. Although many of the revisions affected style and delivery, there were also invention and arrangement changes. After the latest book in the *Hitchhiker’s Guide to the Galaxy* series was published in October, editors

added a plot summary to the article. “The Hitchhiker’s Guide to the Galaxy” remains a *featured* article and continues to be updated regularly.



**Figure 4.5:** Comparison of the 9/27/09 version and the 6/27/10 version of “The Hitchhiker’s Guide to the Galaxy”

### “2009 Northwestern Wildcats football team”

Figure 4.6 is a comparison between the September 30, 2009 and June 30, 2010 versions of “2009 Northwestern Wildcats football team.” In September, 2009, more revisions were made to “2009 Northwestern Wildcats football team” than to “The Hitchhiker’s Guide to the Galaxy,” but since then the former article has been revised less than half as many times as the latter. Editors continued to add scores to the games for the

rest of the football season, and they also made some formatting changes. Once the season ended, however, they seemed to lose interest in the article.

Only four revisions were made after Northwestern's bowl game on January 1. Editor *72.72.238.142* added a brief description of the Penn State game on January 30. On March 8, Editor *Ute in DC* added citations and changed the article from *stub* to start class in WikiProject College football. The next revision wasn't made until June 30, when Editor *Smackbot* removed the *stub* tag. Editor *Smackbot* is an automated account operated by Editor *Rich Farmbrough* and is used to make surface changes, such as correcting grammar and punctuation ("User:SmackBot"). It may have removed the *stub* tag, because the article appears too long to be a *stub*.

Since the 2009 football season is long over, I predict that this article will only be edited sporadically, if at all, in the future. Several of its editors, including Editor *Pjam3dd86* and Editor *Bsuorange crush*, are now contributing to the newer "2010 Northwestern Wildcats Football team" article as the 2010 football season approaches. Articles, such as this one, that focus on a single sports' season, may no longer be interesting for editors after the season ends. I question the reasoning behind creating a new article for each season. It might make more sense to add information about each season to the broader article, "Northwestern Wildcats football," which already contains the scores from the past few seasons as well as the history of Northwestern football and information about notable players and coaches.



Revision as of 15:30, September 30, 2009 (edit)	Current revision as of 03:13, June 30, 2010 (edit) (undo)
71.201.83.11 (talk) (← Schedule) ← Previous edit	SmackBot (talk   contribs) m (Correct cap in header and/or general fixes., removed stub tag)
(79 intermediate revisions not shown)	
<b>Line 2:</b>	<b>Line 2:</b>
Year=2009	Year=2009
Team=Northwestern Wildcats	Team=Northwestern Wildcats
-  Image=	+  Image= NorthwesternWildcats.png
Conference=Big Ten Conference	Conference=Big Ten Conference
Division=	Division=
<b>Line 9:</b>	<b>Line 9:</b>
CoachRank=	CoachRank=
APRank=	APRank=
-  Record=2&ndash;2	+  Record=5&ndash;5
-  ConRecord=0&ndash;1	+  ConRecord=5&ndash;3
HeadCoach=[[Pat Fitzgerald]]	HeadCoach=[[Pat Fitzgerald]]
OffCoach=Mick McCall	OffCoach=Mick McCall
<b>Line 18:</b>	<b>Line 18:</b>
StadiumArena=[[Ryan Field (stadium) Ryan Field]]	StadiumArena=[[Ryan Field (stadium) Ryan Field]]
Champion=	Champion=
-  BowfTourney=	+  BowfTourney=[[2010 Outback Bowl Outback Bowl]] vs [[2009 Auburn Tigers football team Auburn]]
-  BowfTourneyResult=	+  BowfTourneyResult= L 35–38 (OT)
}}	}}
{{2009 Big Ten football standings}}	{{2009 Big Ten football standings}}
The "2009 Northwestern Wildcats football team" <b>will represent</b> [[Northwestern University]] in the [[Big Ten]] during the [[2009 NCAA Division I-BS football season 2009&ndash;2010]] [[college football]] season. [[Pat Fitzgerald]], in his <b>4th</b> season at Northwestern, <b>is</b> the team's head coach. The Wildcats' home games <b>are</b> played at [[Ryan Field (stadium) Ryan Field]] in [[Evanston, IL]]. The <b>2008 team finished</b> the season <b>with a win-loss record of 9–4, including a loss</b> in the [[2008 Alamo Bowl]].	The "2009 Northwestern Wildcats football team" <b>represented</b> [[Northwestern University]] in the [[Big Ten]] during the [[2009 NCAA Division I-BS football season 2009&ndash;2010]] [[college football]] season. [[Pat Fitzgerald]], in his <b>fourth</b> season at Northwestern, <b>was</b> the team's head coach. The Wildcats home games <b>were</b> played at [[Ryan Field (stadium) Ryan Field]] in [[Evanston, Illinois]]. The <b>Wildcats finished</b> the season <b>8–5, 5–3 in</b> [[2009 Big Ten Conference football season Big Ten]] <b>play and lost</b> in the [[2010 Outback Bowl Outback Bowl]] 35–38 in

**Figure 4.6:** Comparison of the 9/30/09 version and the 6/30/10 version of “2009 Northwestern Wildcats football team”

### “Murder of Annie Le”

At the end of September, the number of daily revisions made to “Murder of Annie Le” had already drastically decreased. This was probably due to the fact that most of the details reported by the media had already been added by that time; also, like most current events, the murder was only of short-term interest. Figure 4.7 shows the differences between the September 30, 2009 and the July 9, 2010 versions of the article. The title debate I discussed earlier had not yet been resolved at the end of September. Note that the title on the September 30 version is “Homicide of Annie Le” and that the crime is referred to as a homicide later in the article as well. The final decision to name the article

“Murder of Annie Le” was made on October 5. Other notable changes include the addition of the *Prosecution* section and the information that was added to it concerning the suspect. I predict that once the trial begins, editors will start revising at a more rapid rate, although I doubt that they will ever match the pace of September 15, when 143 revisions were made.

Revision as of 10:55, September 30, 2009 (edit) Cuchullain (talk   contribs) (It may need to be archived or linked elsewhere, but the access date is there.) ← Previous edit	Current revision as of 11:42, July 9, 2010 (edit) (undo) TJRC (talk   contribs) (→Personal life: fix fragment introduced in otherwise clean edit)
(75 intermediate revisions not shown)	
<b>Line 1:</b>	<b>Line 1:</b>
<code>{{distinguish Annie Lee}}</code>	<code>{{distinguish Annie Lee}}</code>
<code>{{Infobox civilian attack}}</code>	<code>{{Infobox civilian attack}}</code>
<code>-   title = <b>Homicide</b> of Annie Le</code>	<code>+   title = <b>Murder</b> of Annie Le</code>
<code>  image = Le missing person flier crop.jpg image_size=</code>	<code>  image = Le missing person flier crop.jpg image_size=</code>
<code>  caption = &lt;small&gt;Images from missing person flier released by New Haven police. Right: 8 September 2009 surveillance image taken upon Le's entrance of research facility where she worked. Left: Undated and uncredited closeup of Le also on flier&lt;/small&gt;</code>	<code>  caption = &lt;small&gt;Images from missing person flier released by New Haven police. Right: 8 September 2009 surveillance image taken upon Le's entrance of research facility where she worked. Left: Undated and uncredited closeup of Le also on flier&lt;/small&gt;</code>
<b>Line 10:</b>	<b>Line 10:</b>
<code>  type = [[Strangulation]] [[homicide]]</code>	<code>  type = [[Strangulation]] [[homicide]]</code>
<code>  victim = Annie Le</code>	<code>  victim = Annie Le</code>
<code>  suspersp = Raymond J. Clark <span> </span><span>ref</span> name=Clark<span> </span><span>{</span><span>cite</span><span> web</span><span> </span><span>url</span><span>=</span><span>http://www.yaledailynews.com/news/university-news/2009/09/17/clark-arrested-murder-annie-le-med-13</span><span> </span><span>title</span><span>=</span><span>CLARK CHARGED IN LE MED '13 MURDER</span><span> </span><span>publisher</span><span>=</span><span>[[Yale Daily News]]</span><span> </span><span>date</span><span>=</span><span>September 17, 2009</span><span> </span><span>accessdate</span><span>=</span><span>2009-09-17</span><span> </span><span>first</span><span>=</span><span>Issac</span><span> </span><span>last</span><span>=</span><span>Arnsdorf</span><span> </span><span>first2</span><span>=</span><span>Zeke</span><span> </span><span>last2</span><span>=</span><span>Miller</span><span> </span><span>coauthors</span><span>=</span><span>et. al</span><span> </span><span>&lt;/ref&gt;</span><span>}</span></code>	<code>+ [[Yale Daily News]]<span> </span><span>date</span><span>=</span><span>September 17, 2009</span><span> </span><span>accessdate</span><span>=</span><span>2009-09-17</span><span> </span><span>first</span><span>=</span><span>Issac</span><span> </span><span>last</span><span>=</span><span>Arnsdorf</span><span> </span><span>first2</span><span>=</span><span>Zeke</span><span> </span><span>last2</span><span>=</span><span>Miller</span><span> </span><span>first3</span><span>=</span><span>Harrison</span><span> </span><span>last3</span><span>=</span><span>Korn</span><span> </span><span>coauthors</span><span>=</span><span>et. al</span><span> </span><span>&lt;/ref&gt;</span><span>}</span></code>
<p>The “<b>homicide</b> of Annie Le” occurred September 8, 2009 on the campus of [[Yale University]] in [[New Haven, Connecticut New Haven]], [[Connecticut]]. Annie Le (July 3, 1985 – September 8, 2009), a 24-year-old American [[doctorate doctoral student]] at the [[Yale School of Medicine]]'s Department of [[Pharmacology]], was last seen in a research building on the New Haven campus on September 8. On September 13, the day she was to be married, she was found dead inside the building.<span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> news</span><span> </span><span>title</span><span>=</span><span>Yale Student Disappears Days Before Wedding</span><span> </span><span>url</span><span>=</span><span>http://www.nytimes.com/aponline/2009/09/10/us/AP-US-Missing-Yale-Student.html?scp=6&amp;sq=annie%20le&amp;st=cse</span><span> </span><span>agency</span><span>=</span><span>[[Associated Press]]</span><span> </span><span>newspaper</span><span>=</span><span>[[The New York Times]]</span><span> </span><span>accessdate</span><span>=</span><span>September 15, 2009</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> news</span><span> </span><span>first</span><span>=</span><span>Harrison</span><span> </span><span>last</span><span>=</span><span>Korn</span><span> </span><span>first2</span><span>=</span><span>Paul</span><span> </span><span>last2</span><span>=</span><span>Needham</span><span> </span><span>title</span><span>=</span><span>Female Body Found at 10 Amistad St.; Police Suspect it is Annie Le Med '13</span><span> </span><span>url</span><span>=</span><span>http://www.yaledailynews.com/news/university-news/2009/09/14/female-body-found-10-amistad-st-police-suspect-it</span><span> </span><span>newspaper</span><span>=</span><span>[[Yale Daily News]]</span><span> </span><span>date</span><span>=</span><span>September 14, 2009</span><span> </span><span>accessdate</span><span>=</span><span>September 15, 2009</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> web</span><span> </span><span>author</span><span>=</span><span></span><span> </span><span>url</span><span>=</span><span>http://www.msnbc.msn.com/id/32810822</span><span> </span><span>ns/us_news-crime_and_courts/</span><span> </span><span>title</span><span>=</span><span>Clues point to inside job in Yale killing</span><span> </span><span>work</span><span>=</span><span>msnbc.com</span><span> </span><span>publisher</span><span>=</span><span>MSNBC</span><span> </span><span>date</span><span>=</span><span>September 14, 2009</span><span> </span><span>accessdate</span><span>=</span><span>2009-09-14</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span> On September 17, police arrested a suspect, Raymond</span></p>	<p>The “<b>murder</b> of Annie Le” occurred September 8, 2009 on the campus of [[Yale University]] in [[New Haven, Connecticut New Haven]], [[Connecticut]]. Annie <b>Marie</b> Le (July 3, 1985 – September 8, 2009), a 24-year-old American [[doctorate doctoral student]] at the [[Yale School of Medicine]]'s Department of [[Pharmacology]], was last seen in a research building on the New Haven campus on September 8. On September 13, the day she was to be married, she was found dead inside the building.<span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> news</span><span> </span><span>title</span><span>=</span><span>Yale Student Disappears Days Before Wedding</span><span> </span><span>url</span><span>=</span><span>http://www.nytimes.com/aponline/2009/09/10/us/AP-US-Missing-Yale-Student.html?scp=6&amp;sq=annie%20le&amp;st=cse</span><span> </span><span>agency</span><span>=</span><span>[[Associated Press]]</span><span> </span><span>newspaper</span><span>=</span><span>[[The New York Times]]</span><span> </span><span>accessdate</span><span>=</span><span>September 15, 2009</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> news</span><span> </span><span>first</span><span>=</span><span>Harrison</span><span> </span><span>last</span><span>=</span><span>Korn</span><span> </span><span>first2</span><span>=</span><span>Paul</span><span> </span><span>last2</span><span>=</span><span>Needham</span><span> </span><span>title</span><span>=</span><span>Female Body Found at 10 Amistad St.; Police Suspect it is Annie Le Med '13</span><span> </span><span>url</span><span>=</span><span>http://www.yaledailynews.com/news/university-news/2009/09/14/female-body-found-10-amistad-st-police-suspect-it</span><span> </span><span>newspaper</span><span>=</span><span>[[Yale Daily News]]</span><span> </span><span>date</span><span>=</span><span>September 14, 2009</span><span> </span><span>accessdate</span><span>=</span><span>September 15, 2009</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span>{</span><span>cite</span><span> web</span><span> </span><span>author</span><span>=</span><span></span><span> </span><span>url</span><span>=</span><span>http://www.msnbc.msn.com/id/32810822</span><span> </span><span>ns/us_news-crime_and_courts/</span><span> </span><span>title</span><span>=</span><span>Clues point to inside job in Yale killing</span><span> </span><span>work</span><span>=</span><span>msnbc.com</span><span> </span><span>publisher</span><span>=</span><span>MSNBC</span><span> </span><span>date</span><span>=</span><span>September 14, 2009</span><span> </span><span>accessdate</span><span>=</span><span>2009-09-14</span><span>&lt;/ref&gt;</span><span>&lt;</span><span>ref</span><span>&gt;</span><span> On</span></p>

Figure 4.7: Comparison of the 9/30/09 and the 7/9/10 version of “Murder of Annie Le”

### **Limitations of this study**

Because of the coding inconsistencies mentioned in the methodology chapter, this study remains preliminary. Two strategies discussed by Mary Sue MacNealy would have increased the reliability of my results. If I had used a sample text to test my coding categories, I could have refined them before beginning analyzing my three texts. The study would also have been improved by enlisting another rater to use my coding scheme (MacNealy 201-202). These methods would have defined my categories more clearly before I began the case study; however, due to limited time and resources I was not able to apply them.

Clearly, more research needs to be done on analyzing the editing process in wikis, and I expand on this in my conclusion. Since I am not confident that my coding results are consistent, I am hesitant to draw too many conclusions from them. However, conducting this study gave me the opportunity to gather a great deal of qualitative data. This information is in my conclusion.

## CHAPTER 5

### CONCLUSION

In examining the changes made to these three *Wikipedia* articles, “The Hitchhiker’s Guide to the Galaxy,” “2009 Northwestern Wildcats Football team,” and “Murder of Annie Le,” during the month of September, 2009, I have made several interesting discoveries about the editing process in an online environment. Not all of these discoveries are directly related to my coding results, but they address my final research question by examining some of the features that distinguish online editing, specifically in *Wikipedia*, from print editing. First, I relate my findings to previous revision research. Then I examine some characteristics of editing in *Wikipedia* including its hierarchy, the self-motivation of editors, the need for multiple and dynamic style guides, and the trend of adding rather than deleting articles. I also discuss future research that can be done on wiki editing.

#### **Building on previous research**

When I gave a brief history of editing in my introduction, I cited Bell’s belief that an editor’s primary function is to read well (182). Given what I have learned about editing in *Wikipedia*, I believe that reading well is still important to editors of wikis. In order to successfully edit articles in *Wikipedia*, users must read carefully not just the article, but also the notes on its editing page, its discussion page, and *Wikipedia*’s policies. Those who don’t are likely to have their revisions reverted by others. For example, when two unregistered users (Editor 67.175.32.232 and Editor

209.120.207.254) changed the spelling of the British *instalment* to its American version, *installment*, Editor *Rjanag* quickly reverted their revisions. If these two unregistered users had read the notes about British spellings, they may have avoided changing the spelling and having their revisions reverted. More experienced editors read *Wikipedia*'s guidelines carefully and cite them when making arguments on discussion pages. These careful readers are taken more seriously than those who make changes without seeming to have read *Wikipedia*'s policies or the notes on articles' edit pages.

My results confirmed several of Jones' findings, namely that higher quality articles tend to have more stylistic revisions, that additions outnumber deletions, and that editors don't alter the structure of articles very often. In his study of *Wikipedia* articles, Jones found that those articles that were not promoted to *featured* article status had a much higher percentage of macrostructure versus microstructure revisions than the ones that were promoted. In addition, the articles that were not promoted had fewer revisions relating to *Wikipedia* policy (Jones 282). My categories are defined somewhat differently from his; I classified both macrostructure and microstructure changes in the broader invention category and *Wikipedia* policy changes in the style category. Still my results, like his, indicate that articles with too much invention and not enough style have lower rankings than other articles on *Wikipedia*. Jones concludes that "a lack of thorough stylistic revision played a key role in [the articles that were not promoted] failing to achieve [*featured* article class]" (282). The comments of Editor *SoWhy* and Editor *Ute in DC* about the lack of prose in "2009 Northwestern Wildcats Football team" reinforce the

idea that stylistic changes are necessary to improve an article's ranking on *Wikipedia's* quality scale.

Jones also noted that content additions greatly outnumbered deletions (279). This trend of expansion is also reflected on *Wikipedia* as a whole. I compared the list of recently created articles to recently deleted articles within an hour-long time frame, and found that the former outnumbered the latter 53 to 28 (1.9 to 1) ("New pages;" "Deletion log"). Although there are editors who delete articles that they feel do not meet *Wikipedia's* standards for inclusion, other editors add new articles at a faster rate.

I found very few changes that fit neatly into the arrangement canon. When the structure of the article was altered by adding or deleting sections, other canons were usually affected as well. For example, when Editor *Pjam3dd86* added sections for notes on each game to "2009 Northwestern Wildcats Football team," she was not only changing the arrangement of the article, but also following the style guide for WikiProject College Football, which provides several examples to illustrate how an article about a team's season should be structured ("Wikipedia:WikiProject College football/style guide;" "2005 Texas Longhorn Football team"). This change was coded as Arrangement/Style.

Jones noticed a similar scarcity of arrangement changes, which he terms *structural changes*, in his study of *featured* articles (280). He explains that "later edits [tend] to expand and develop sections of the article rather than rearrange them" (Jones 280). Of the three articles I studied, only "Murder of Annie Le" had any purely arrangement change, and they made up only 1.4% of the total changes to the article.

*Wikipedia*'s Manual of Style discourages changing article titles and section headings, since doing so breaks links. It states: "Change a heading only after careful consideration" ("Wikipedia:Manual of style"). Editors who adhere to the guidelines of the Manual of Style may be hesitant to make structural changes, especially to well-established articles.

It makes sense that the only article in which I found purely arrangement changes, "Murder of Annie Le," was the one that was created in my observation period, September, 2009. As a new article, its structure needed to be established. The other, older articles already had well-defined sections, so little arranging was necessary. When arrangement changes are made, they almost always affect other canons as well. The arrangement canon may not be well-suited to the study of editing in wikis.

### **Democracy vs. accuracy**

To the casual observer, *Wikipedia* may seem like a perfect democracy, in which each editor has equal powers and responsibilities. Allowing anyone with Internet access to contribute is one of the founding principles of the *Wikimedia* movement, which includes *Wikipedia* ("Founding principles"). However, this openness has a drawback; editors can, deliberately or accidentally, publish inaccurate information. This threatens *Wikipedia*'s reputation as a valid and reliable source of information. The *Wikipedia* community must balance the freedom of allowing anyone to edit with the responsibility of ensuring articles are accurate.

As explained in the introduction, there is a hierarchy in *Wikipedia*; administrators, stewards, and bureaucrats have greater rights and responsibilities than other users. These

differing levels of access are used to maintain *Wikipedia*'s standards of quality by ensuring that dedicated editors oversee the actions of other users. Although *Wikipedia* is not a pure democracy, care is taken at each stage to ensure that consensus is reached before granting more rights to an editor. The community strives to balance the rights of users to edit with the responsibility of ensuring that articles are accurate and well-written.

Administrators able to move protect articles that are “subject to a page-name dispute” (“Wikipedia:Protection policy”). As I mentioned in my discussion chapter, Editor *Horologium*, an administrator, used move protection in “Murder of Annie Le” to prevent other editors from changing the name of the article until consensus was reached. Another administrator, Editor *RegentsPark* closed the discussion on the talk page after two weeks and declared that the consensus was to name the article “Murder of Annie Le,” rather than “Death of Annie Le” or “Homicide of Annie Le.” This example illustrates one of the functions of administrators, which is not to make unilateral decisions, but to facilitate discussion and ensure consensus is reached before making major changes to *Wikipedia* articles.

### **WikiProjects: Focusing on what you love**

When I discovered WikiProjects as I was tracking changes made to “2009 Northwestern Wildcats Football team,” I made two noteworthy discoveries. First, WikiProjects group articles by topic, allowing editors to focus on their specific areas of interest. Second, each WikiProject can have its own individual style guide, tailored by its editors. Although *Wikipedia* has a general style guide for all its articles, project-specific



style guides help editors achieve consistency among related articles and may address issues that the general style guide does not.

The vast majority of *Wikipedia*'s editors are unpaid. They are motivated not by monetary considerations, but by the desire to share knowledge. While a paid editor is assigned projects, *Wikipedia*'s users are free to contribute only to those articles in which they are interested. Those who choose to become members of a WikiProject can focus their energies on the articles that fall under that particular project's umbrella. For example, Editor *Bsuorangecrush*, who contributed to "2009 Northwestern Football team," is a member of two WikiProjects: College Football and College Basketball. A snapshot of his userpage is displayed in my methodology chapter on page xx. This editor describes himself as a "passionate Boise State fan" ("User:Bsuorangecrush"). He further explains that while he mainly edits Boise State football pages, he also updates other college football pages when necessary. His stated goal is "to have every [Football Bowl Subdivision] team page as up to date as possible" ("User:Bsuorangecrush"). As a member of WikiProject College Football, he can easily find college football pages that need to be updated. Also, WikiProject College Football has a section for articles that need help. Editors can list articles and how they need to be improved, and other members of the WikiProject can take on these tasks ("Wikipedia:WikiProject College football").

### **Multiple and dynamic style guides**

In addition to providing a channel for editors to focus on articles that interest them, some WikiProjects have style guides that can be applied to articles that fall under

their topics. *Wikipedia*'s general style guide states: "An overriding principle is that style and formatting choices should be consistent within a *Wikipedia* article, though not necessarily throughout *Wikipedia* as a whole" ("Wikipedia:Manual of style"). This principle of consistency can be applied to WikiProjects as well. A style guide tailored to a specific WikiProject aids editors in maintaining consistency in all the articles that fall under the scope of the project.<sup>12</sup>

WikiProject College Football has a style guide that outlines naming conventions, notability guidelines, what content should be included in each article, and how to cite sources. While much of this style guide, particularly the section on sources, reflects standard *Wikipedia* policy, it also has more specific instructions that are particular to articles about college football. For example, in the naming conventions section, the standard format for naming an article about a season is: "[year] [university name] [mascot] football team" ("Wikipedia:WikiProject college football/Style Guide"). As we can see from its title, "2009 Northwestern Wildcats football team" follows this guideline.

It is also important to note that style guides in *Wikipedia* are constantly evolving. While print style guides, such as the Chicago Manual of Style, the MLA handbook, and the APA handbook, take several years to come out with new editions, wiki style guides can change much more quickly. However, a warning at the top of the *Wikipedia*'s Manual of Style reminds editors that changes to the style guide should reflect consensus ("Wikipedia:Manual of Style"). Articles about Wikipedia policies generally have these

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<sup>12</sup> As of July 24, a relevant discussion is happening. Editor *Moonriddengirl* has requested the input of other editors on the following question: "To what extent and under what circumstances can individual WikiProjects and users customize article appearance with individual styles that deviate from site-wide style guidelines?" ("Wikipedia Talk:Consensus/RfC"). The outcome of this discussion will have great implications for WikiProject-specific style guides.

warnings in order to balance the desire to make changes quickly with the *Wikipedia*'s trademark collaborative decision-making process. If an editor believes an issue needs to be addressed, he or she starts a new topic on the Manual of Style's discussion page. Interested editors may give their opinions, and if and when consensus is reached, appropriate changes are made to the main page of the Manual of Style. The same process occurs within WikiProjects, except the latter have more targeted audiences.

### **Quality scales and social construction**

As I mentioned in my introduction, *Wikipedia* makes the social construction process visible to the public. Quality scales, which may differ between WikiProjects, illustrate the subjective nature of rating articles. I learned about how quality scales in WikiProjects worked when I posed a question on the discussion page of “2009 Northwestern Wildcats Football team”, asking other editors to explain to me why the article was still a *stub* as of November 1, 2009. It wasn't until February 23 that I received a reply from Editor *Ute in DC*. As a member of WikiProject College Football, he pointed out that the article, as of February 23, lacked any prose descriptions of games and sources (“Talk:2009 Northwestern Wildcats Football team”). As I mentioned in my *Results* chapter, Editor *Ute in DC* added citations and changed the article from *stub* to *start class* in WikiProject College Football. My question may have alerted him to the article's need for improvement and prompted him to reevaluate its status within the WikiProject. By adding citations, he bumped “2009 Northwestern Wildcats Football team” from *stub* to *start class* in WikiProject College Football.

“Murder of Annie Le” also provides an example of how quality scales differ between WikiProjects and how lower ratings are not standardized on *Wikipedia*. As I explained in my discussion chapter, this article was originally ranked as *B-class* in WikiProject Connecticut, but was later demoted to *C-class* even though it appeared to have improved in the two days since it received its first grade. Two individuals, Editor *Noj r* and Editor *Dillard421*, made these decisions regarding rank without first soliciting the input of other editors to reach consensus. This is permissible for any ranks below *good* according to current *Wikipedia* policy (“Wikipedia:Version 1.0 editorial Team/Assessment”). Given these guidelines, ranks below *good* do not illustrate the collaborative nature of *Wikipedia* as well as higher quality articles. These lower ranks are left up to the discretion of individual editors and may differ according to the standards of the WikiProjects to which they belong.

### **Additions over deletions**

I was alerted to this trend of additions outnumbering deletions as I studied “2009 Northwestern Wildcats Football team.” Since no editor has bothered to revise the article since March 8, I wondered why this one season merited its own article. Wouldn’t it make more sense to put this information in a broader article? I looked at “Northwestern Wildcats football” and noticed that there are sections for each season since 2006. Each section has a summary of the season, followed by a table with the statistics for each game. It also has a link to the separate article about that particular season (“Northwestern Wildcats football”). The articles about the 2006, 2007, 2008, and 2009 seasons do little

more than restate the information that is already listed in their respective sections on the main “Northwestern Wildcats football” page (“2006 Northwestern Wildcats football team;” “2007 Northwestern Wildcats football team;” “2008 Northwestern Wildcats football team;” “2009 Northwestern Wildcats football team;” “Northwestern Wildcats football team”). Moreover, although each of the articles about individual seasons is part of WikiProject College Football and WikiProject Chicago, none of them have been ranked above *start* class on either of these WikiProjects.

There has been much discussion about this issue among the members of WikiProject College Football. Some argued that “Wikipedia does not need individual pages for every season of every team” (“Wikipedia:WikiProject College football/notability”). However, “consensus in the project and on Wikipdeia [*sic*] in general has repeatedly supported detailed single season articles of college football teams, as long as they are sourced by non-routine coverage independent of the sport and school” (“Wikipedia:WikiProject College football/notability”). The outcome of the discussion was that articles about single seasons may be included often in *Wikipedia* (“Wikipedia:WikiProject College football/notability”). As this example illustrates, the Wikipedian community tends to be inclusive, rather than exclusive when it comes to articles.

### **Birth of an article**

“Murder of Annie Le” is an illustration of how an article is created and grows on *Wikipedia*. During the 17 day time frame that I observed it (from its creation on September 13 to September 30), it went through a period of rapid change before slowing to a stasis of sorts. As it was in response to a current event that garnered a lot of media attention, it also generated some controversy that gave me insight into how editorial decisions are made in *Wikipedia*. Over 70 editors participated in the discussion about whether or not to delete the article (“Wikipedia:Articles for deletion/Annie Le”). Since it survived the deletion debate, it supports Jones’ and my finding that *Wikipedia* privileges additions over deletions. Due to the number and complexity of the revisions made to this article, it also exposed the inadequacies of Dragga and Gong’s and Faigley and Witte’s coding schemes for online editing. More than either of the other two articles, “Murder of Annie Le” provided me with insight into the wiki editing process and inspiration to develop new coding categories for future research.

### **Where can we go from here?**

In studying these articles, I have uncovered a wealth of information about editing in a Web 2.0 environment. In particular, I have noted the tension between allowing anyone to edit and maintaining quality, the concept of editors being motivated by personal interests, the need for several different style guides that editors can revise by

consensus, and the tendency toward adding articles rather than deleting them. This study, however, is only a beginning to the research that can be done on wiki editing.

The categories I developed from Dragga and Gong's rhetorical editing canons and Faigley and Witte's classifications of revision are not ideal for coding changes to wikis. Since both of those texts were written in the 1980s, well before the Internet was available to most people, their authors focused on print editing. Although Dragga and Gong's chapter on delivery addresses issues of visual design, such as the use of tables, charts, and images, they could not foresee the concept of linking. Most articles we read online contain several links to other websites. *Wikipedia* articles, in particular, always have links to other *Wikipedia* articles. All these articles are interconnected and situated within the online encyclopedia. Categories and WikiProjects also help readers find articles on topics in which they are interested. If I am interested in reading and/or editing articles about students who were murdered, I can click on a link at the bottom of "Murder of Annie Le," which will navigate me to the "Category:Murdered students" page ("Murder of Annie Le;" "Murdered students"). For the purpose of this study, I coded changes to links and categories as delivery, the same canon in which I put changes to images and other visual design elements. In future research, it may be worthwhile to divide this category in two, one for changes that affect visual design and one for those that affect how the article is connected to other articles. The first category could be called *Visual* while the second could be called *Navigation* to indicate how links and categories enable the user to navigate to articles from other websites.

Style was my broadest category, since it included everything from punctuation to *Wikipedia* policies. As I look back on how many changes were classified in this category, I feel that it might have been wise to divide it into subcategories. One of the categories could correspond to Faigley and Witte's *formal changes* and include spelling, grammar, punctuation, and other changes that might be addressed by a style guide. Borrowing Faigley and Witte's terminology, I would call this category *Surface*, but I would define it differently. While Faigley and Witte consider *meaning-preserving changes* to be a subcategory of *surface* changes, I do not agree (402-403). Changing the order or choice of words should be in another category called *Language* changes. A third category would include changes that affect *Wikipedia* policy. This would be the same as Jones' *Wikipedia policy violations* category and include vandalism, reverts, tags, categories, and coding changes (270, 272). I would call it *Wikipedia Policy*, because it would not only affect violations, but any policy changes. This category would include the *Nomination for Deletion* tag Editor *CambridgeBayWeather* added to "Murder of Annie Le."

As for the categories that combined different canons, the one I used most often was Invention/Style/Delivery. This was the category in which I placed all the changes to citations. I decided that citing sources adds information. Formatting citations in accordance with *Wikipedia*'s style guide makes these changes stylistic as well, and the citations are linked to the original sources, so they affect delivery too. I found 64 Invention/Style/Delivery changes in "Murder of Annie Le." As content was added to the article, editors included citations. If unsourced information was added, editors would



either find sources for it or delete it from the article. Since the article developed rapidly in response to the news released, many sources were added in the month I studied it.

The other two articles, however, had no citation-related changes in September, 2009. It was a slow month for “The Hitchhiker’s Guide to the Galaxy.” Only 14 revisions were made, and in any case, the article already had appropriate citations. This is a requirement for *featured* articles. “2009 Northwestern Wildcats football team” had no citations at all until March 8, 2010. This was one of the reasons it remained a *stub* for so long. These two articles are on the opposite ends of *Wikipedia*’s quality scale. Articles that fall between *stub* and *featured* article status, such as “Murder of Annie Le,” will probably have more citation-related changes than those at the extremes of the spectrum. These “in-between” articles make up the majority of articles on *Wikipedia*. Given my findings, it may be worthwhile to create a separate category for citation-related changes in future research.

Future case studies in *Wikipedia* may compare articles within a WikiProject. This type of research will show how closely articles within a WikiProject resemble each other in style. “The Hitchhiker’s Guide to the Galaxy” is part of a small WikiProject on articles related to *The Hitchhiker’s Guide to the Galaxy* series (“Wikipedia:WikiProject Hitchhiker’s Guide to the Galaxy”). Someone familiar with this topic might want to compare changes made to several articles within this WikiProject.

In sum, in order to research wiki editing further, it may be necessary to redefine coding categories so that they are more suited to this medium. While the arrangement category may no longer be relevant, style and delivery might be subdivided into more

targeted categories. Studying articles within a WikiProject would show how well a style guide targeted to a particular topic works. I hope my study has opened the door to this type of research, so that we can learn what other implications Web 2.0 may have for editors.

## APPENDICES

Appendix A

Revision Data for “The Hitchhiker’s Guide to the Galaxy”

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Synthebot (robot)	3-Sep	15:20	Fixed link to the Spanish version of the article	Delivery: Link fix	D	minor, robot Removed: tr:Otostopçunun Galaksi Rehberi Modifying: es:The Hitchhiker's Guide to the Galaxy	71,596	The title of the Spanish version is the same as the English version, <i>The Hitchhiker's Guide to the Galaxy</i>
67.175.32.232	5-Sep	12:24	Changed British <i>instalment</i> to American <i>installment</i>	Style: Spelling	S	→And Another Thing...	71,597	Change made despite the comment made by previous editors not to change British to American spelling.

Rjanag	5-Sep	14:30	Reverted previous edit, changing <i>installment</i> back to <i>instalment</i>	Style: Revert/ Spelling	S	minor, Reverted edits by 67.175.32.232 (talk) to last version by Synthebot	71,596	
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Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Serendipodous	9-Sep	9:21	Removed internal wikilink "category: fictional encyclopedias"	Delivery: Link deletion	D	Cat[egory] already linked to <i>The Hitchhiker's Guide to the Galaxy (fictional)</i>	71,559	
97.112.119.188	10-Sep	20:32	Removed parenthesis around <i>The answer "is" 42 in base 13.</i>	Style: Punctuation	S	→The Restaurant at the End of the Universe	71,557	
193.136.152.161	13-Sep	21:20	Deleted The answer "is" 42 in base 13.	Invention: Microstructure deletion	I		71,523	I didn't understand that sentence.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
RedBot (robot)	21-Sep	10:56	Added wikilink to the Welsh version of the article	Delivery: Link addition	D	minor, robot Adding: cy:The Hitchhiker's Guide to the Galaxy	71,567	
209.120.207.254	22-Sep	19:30	Changed British <i>instalment</i> to American <i>installment</i>	Style: Spelling	S	→And Another Thing...	71,568	Ongoing edit war about British vs. American spelling
Rjanag	22-Sep	21:42	Reverted previous edit, changing <i>installment</i> back to <i>instalment</i>	Style: Revert/Spelling	S	minor, Reverted edits by 209.120.207.254 (talk) to last version by RedBot	71,567	
Inpain247	24-Sep	14:51	Changed wikilink <i>hitch-hiking</i> to <i>itch-iking</i>	Delivery: Link break	D	→Background	71,565	Looks like vandalism. The <i>hitch-hiking</i> link redirects to <i>hitchhiking</i> , but <i>itch-iking</i> doesn't work.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Declan Clam	25-Sep	23:38	Fixed wikilink: <i>itch-iking</i> to <i>hitchhiking</i>	Delivery: Link fix	D	minor	71,566	
68.4.56.48	26-Sep	2:40	Added wikilink <i>Theory of everything</i> in "See also" section.	Delivery: Link addition	D		71,593	
Rjanag	26-Sep	2:47	Removed <i>Theory of everything</i> wikilink	Delivery: Link deletion/Revert	D	Undid revision 316239100 by 68.4.56.48. How is this relevant?	71,566	The theory of everything is a physics theory "that fully explains and links together all physical phenomena."

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Rich Farmbrough	27-Sep	12:25	Added space between redirections and article summary	Delivery: Spacing	D	minor	71,569	
			Changed this paragraph from <i>fact</i> to <i>citation needed</i> : The audience survey reaction report at the time actually reported a very split reaction – people hated it, or loved it. The decision to commission the second series was backed by gut management instincts rather than clear metrics.	Style: Format	S	Used AutoWikiBrowser		



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Rich Farmbrough	27-Sep	12:25	Removed wikilinks from dates in citations: 3 occurrences of 2008-09-16	Delivery: Link removal	D	delinking ISO style dates		
			Added extra space between <i>6</i> and <i>inches</i>	Style: Spacing	S			I don't understand the purpose of the extra space here.
			Changed hyphen from -- to —	Style: Punctuation	S			
			Adjusted link from <code>{{DEFAULTSORT:Hitchhikers Guide to the Galaxy, The}}</code> , <i>The</i> to <code>{{DEFAULTSORT:Hitchhikers Guide To The Galaxy, The}}</code>	Delivery: Link fix	D			

Appendix B

Revision Data for “2009 Northwestern Wildcats Football team”

<b>Editor</b>	<b>Date</b>	<b>Time</b>	<b>Changes</b>	<b>Coding Category</b>	<b>Abbreviation</b>	<b>Revision Summary</b>	<b>Bytes</b>	<b>My Comments</b>
Pjam3dd86	3-Sep	3:48	Added sections for notes on each game	Arrangement: Addition/Style: format	AS		9,330	This was done before the season started.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pjam3dd86	3-Sep	3:57	Added image (logo)	Invention: Microstructure addition/ Arrangement: Verbal-Visual Orientation/ Delivery: Add image	IAD		9,388	
			Added names of offensive coordinator ( <b>Mick McCall</b> ), defensive coordinator ( <b>Mike Hankwitz</b> ) and offensive scheme ( <b>Spread</b> ) to infobox	Invention: Microstructure addition	I			
			Made <i>Mike Hankwitz</i> a wikilink	Delivery: Add link	D			
Pjam3dd86	3-Sep	3:59	Added Ranking Movement table	Arrangement: Addition/Style:	AS		11,417	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
				Format				
Pjam3dd86	3-Sep	4:12	Added NR to pre-season rankings	Invention: Microstructure addition	I	→Rankings	11,419	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pjam3dd86	5-Sep	16:03	Changed Record from 0-0 to 1-0	Invention: Microstructure addition	I		11,427	
			Added score for Towson game: <b>W</b> 47-14	Invention: Microstructure addition	I			
			Filled in table with scores from each quarter for Towson game	Invention: Microstructure addition	I			
Bsuorangecrush	6-Sep	2:26	Added attendance: 17,857	Invention: Microstructure addition	I	→Schedule	11,433	
Bsuorangecrush	6-Sep	4:06	Bolded <b>Wildcats</b> in the scoring table for Towson game.	Delivery: Bold	D	→Towson	11,439	
Pjam3dd86	6-Sep	13:46	Added tables with overall record, last meeting, and result in game notes	Invention: Microstructure addition/Arangement/: Addition/Style: format	IAS	→Game notes	12,634	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
71.201.83.11	8-Sep	13:20	Added NR to Week 1 rankings	Invention: Microstructure addition	I	→Rankings	12,636	
207.181.219.51	12-Sep	17:54	Added score for Eastern Michigan game: <b>W</b> 27-24	Invention: Microstructure addition	I	→Schedule	12,642	
Bolt Vanderhughe	12-Sep	22:01	Added scores for each quarter to the Eastern Michigan game notes table	Invention: Microstructure addition	I	→Eastern Michigan	12,644	
TomCat4680	12-Sep	22:53	Removed <b>Template: future sport from above the article title</b>	Invention: Microstructure deletion	I		12,586	Since the season has started, it is no longer a future sport.
Pjam3dd86	13-Sep	3:21	Changed record from 1-0 to 2-0	Invention: Microstructure addition	I		12,586	
Pjam3dd86	13-Sep	16:06	Added attendance: 19,239	Invention: Microstructure addition	I	→Schedule	12,592	
Pjam3dd86	13-Sep	16:10	Added NR to week 2 rankings	Invention: Microstructure	I	→Rankings	12,594	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
				addition				
Bsuorangecrush	13-Sep	21:52	Bolded Wildcats in the scoring table for Eastern Michigan game.	Delivery: Bold	D	→Eastern Michigan	12,600	
Pjam3dd86	14-Sep	14:02	Added times for 9/19 and 9/26 games	Invention: Microstructure addition	I	→Schedule	12,619	
Pjam3dd86	14-Sep	14:03	Added TV station: BTN for 9/26 game	Invention: Microstructure addition	I	→Schedule	12,622	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pjam3dd86	14-Sep	14:44	Added TV station: Orange All Access for 9/14 game	Invention: Microstructure addition	I	→Schedule	12,639	
Pjam3dd86	16-Sep	14:08	Changed TV station from <i>Orange All Access</i> to <b>ESPN 360</b> for 9/14 game	Invention: Microstructure substitution	I	→Schedule	12,629	
Pjam3dd86	16-Sep	14:21	Changed TV station of 9/19 game from ESPN360 to ESPN Game Plan	Invention: Microstructure substitution	I	→Schedule	12,635	
TomCat4680	19-Sep	9:17	Changed TV station of 9/19 game from ESPN Game Plan to ESPN Game Plan and ESPN360.com	Invention: Microstructure addition	I	→Schedule	12,659	
			Made wikilinks for TV stations of	Delivery: Add link	D			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			9/19 game (ESPN GamePlan and ESPN360.com)					
Tom Cat 4680	19-Sep	11:35	Added TV station for 9/19 game: <i>Time Warner Cable SportsNet (New York only)</i> . Made a wikilink for <i>Time Warner Cable SportsNet</i>	Invention: Microstructure addition/ Delivery: Add link	ID	→Schedule	12,714	Gives precedence to the TV station over the Internet
			Changed the last two stations to this: <b>;(also ESPN GamePlan and ESPN360.com)</b>	Style: Punctuation, addition	S			
TomCat4680	19-Sep	11:36	Added space between <i>also</i> and <i>ESPN GamePlan</i>	Style: Spacing	S	→Schedule	12,715	
Pjam3dd86	20-Sep	3:40	Changed 2009 record from 2-0	Invention: Microstructure	I		12,715	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			to 2-1	addition				
Pjam3dd86	20-Sep	3:41	Added score of Syracuse game: L 34-37	Invention: Microstructure addition	I	→Schedule	12,721	
Pjam3dd86	20-Sep	3:42	Added scores for each quarter to Syracuse game notes table	Invention: Microstructure addition	I	→Syracuse	12,724	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
24.14.35.39	20-Sep	15:51	Added NR to Week 3 rankings	Invention: Microstructure addition	I	→Rankings	12,726	
24.14.35.39	20-Sep	16:11	Added attendance to Syracuse game: 40,251	Invention: Microstructure addition	I	→Schedule	12,732	
24.14.35.39	21-Sep	15:57	Removed ESPN and ESPN 2 TV stations from Purdue game	Invention: Microstructure deletion	I	→Schedule	12,709	
TomCat4680	21-Sep	18:09	Added request to expand game notes section: <i>Please help improve this section by expanding it. Further information might be found on the talk page.</i>	Style/Delivery: Wikipedia Policy	SD	→Game notes	12,728	
Bsuorangecrush	21-Sep	20:52	Bolded <b>Orange</b> in	Delivery: Bold	D	→Syracuse	12,734	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Syracuse game notes table					
24.14.35.39	24-Sep	16:12	Removed <i>or</i> ESPN 2 from 10/31 TV stations	Invention: Microstructure deletion	I	→Schedule	12,725	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Hammersoft	25-Sep	12:49	Removed Northwestern Wildcats logo	Invention: Microstructure deletion/Arrangement: Verbal-Visual Orientation/Style: Wikipedia Policy/Delivery: Delete image	IASD	This image use does not comply with WP:NFCC #10c and MUST be removed until it does. Thank you	12,702	<b>Wikipedia Policy: Non-free Content Criteria 10c: The name of each article (a link to each article is also recommended) in which fair use is claimed for the item, and a separate, specific fair-use rationale for each use of the item, as explained at Wikipedia:Non-free use rationale guideline. The rationale is presented in clear, plain language and is relevant to each use.</b> At the time, there was no rationale for using this image on the 2009 Northwestern Wildcats football team's article.
Pjam3dd86	27-Sep	16:29	Changed 2009 record from 2-1 to 2-2 and Conference Record from 0-0 to 0-1	Invention: Microstructure addition	I		12,702	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pjam3dd86	27-Sep	16:32	Added score for Minnesota game: L 24-35	Invention: Microstructure addition	I	→Schedule	12,708	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pjam3dd86	27-Sep	16:33	Added scores for each quarter to Minnesota game notes table	Invention: Microstructure addition	I	→Minnesota	12,710	
Pjam3dd86	27-Sep	16:33	Bolded <b>Golden Gophers</b> in Minnesota game notes table	Delivery: Bold	D	→Minnesota	12,716	
Pjam3dd86	27-Sep	16:34	Added NR to Week 4 in Ranking Movement Table	Invention: Microstructure addition	I	→Rankings	12,718	
Pjam3dd86	27-Sep	16:40	Added attendance to Minnesota game: 22,091	Invention: Microstructure addition	I	→Schedule	12,724	
TomCat4680	29-Sep	11:39	Added (Land of Lincoln Trophy) to site of Illinois game and made it a wikilink.	Invention: Microstructure addition/ Delivery: add link	ID	→Schedule	12,750	This is the game name.
71.201.83.11	30-Sep	15:30	Removed ESPN and ESPN 2 TV	Invention: Microstructure	I	→Schedule	12,735	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			stations from Miami (OH) game	deletion				



Appendix C

Revision Data for “Murder of Annie Le”

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	13-Sep	23:30	Created page : 1 paragraph, 1 See Also link (Unreported missing), and 4 references	Invention: Macrostructure addition/Arrangement: Addition/Style: Format/Delivery: Add links	IASD	Created page with 'Annie Le, born in Placerville, California is a 24-year-old doctoral student at Yale Unviersity in the department of [pharmacology] who disappeared	1,113	
CardinalDan	13-Sep	23:31	Corrected spelling: <i>unviersity</i> to <b>university</b>	Style: Spelling	S	minor	1,113	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
CardinalDan	13-Sep	23:31	Fixed wikilink <i>pharmacology</i>	Delivery: Link fix	D	minor	1,115	GG The Fly had only used one bracket, which made it look like this : [pharmacology] instead of making a wikilink
CardinalDan	13-Sep	23:32	Added uncategorized tag to article: <b>This article has not been added to any categories. Please help out by adding categories to it so that it can be listed with similar articles. (September 2009)</b>	Style: Format/Delivery	SD	minor	1,155	This was done using Friendly, "a collection of JavaScripts that provide an interface for Wikipedia's more friendly, collaboration-oriented tasks" (Wikipedia:Friendly par. 1).

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
RadioFan	13-Sep	23:32	Added null tag to article using Friendly.	Style: format	S	minor	1,184	It doesn't look like this changed the article in any way.
RadioFan	13-Sep	23:33	Added current person tag: <b>This article is about a person involved in a current event. Information may change rapidly as the event progresses.</b>	Style: Format/Delivery	S	minor	1,223	Used Friendly
GG The Fly	13-Sep	23:33	Added a See also link: <i>Missing person</i>	Delivery: Add link	D		1,244	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
CardinalDan	13-Sep	23:34	Added a comma: "Annie Le's purse, containing her belongings, was subsequently found at her laboratory office."	Style: Punctuation	S	minor	1,245	Setting off dependent clause
GG The Fly	13-Sep	23:35	Changed series from: "The FBI, New Haven police, and FBI" to "The FBI, New Haven police, and Connecticut State police."	Invention: Microstructure addition and Style: delete redundant word	IS		1,278	
			Made wikilinks: <i>FBI, New Haven Police, and Connecticut state police</i>	Delivery: Add link	D			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	13-Sep	23:38	Added space under <b>See Also</b> heading	Delivery: Spacing	D		1,277	
GG The Fly	13-Sep	23:40	Added "first-generation American of Vietnamese descent who was a"	Invention: Microstructure addition	I		1,339	
GG The Fly	13-Sep	23:41	Added comma: <i>a doctoral student in the department of pharmacology, who disappeared</i>	Style: Punctuation	S		1,340	Highlighted paragraph in green but no changes indicated
GG The Fly	13-Sep	23:43	Deleted <i>Unreported missing link</i>	Delivery: Delete link	D		1,315	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
LovesMacs	13-Sep	23:44	Added category: <i>disappeared people</i>	Delivery: Added category	D	Category: disappeared people	1,348	Annie Le is not listed in the <i>Disappeared People</i> category, because her remains were found.
David Straub	13-Sep	23:47	Added category: <i>Asian Americans</i> and deleted <i>uncategorized September 2009</i> tag	Delivery: Category add and delete	D	Added asian american cat, deleted uncat tag	1,338	Couldn't find Annie Le in the Asian American category
David Straub	13-Sep	23:49	Added a v to the top of the page	?			1,344	Think this is a mistake
			Changed category from <i>Asian Americans</i> to <i>Vietnamese Americans</i>	Delivery: Category change	D	changed asian amer cat to viet amer		Couldn't find her in the Vietnamese Americans category

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	13-Sep	23:49	Changed: <i>Annie Le, born in Placerville, California</i> to <i>Annie Le (born in Placerville, California)</i>	Style: Punctuation	S	minor	1,345	
GG The Fly	13-Sep	23:50	Deleted v at the top of the page	Delivery: Removed unnecessary letter	D	minor	1,344	
David Straub	13-Sep	23:51	Italicized <i>Annie Le</i>	Delivery: Italics	D		1,368	
			Changed wikilink from <i>Vietnamese</i> to <i>American of Vietnamese</i>	Delivery: Changed link	D	wikified text		Could this be a style issue?
David Straub	13-Sep	23:52	Unitalicized and bolded <b>Annie Le</b>	Delivery: Bold	D	bolded text	1,370	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
David Straub	13-Sep	23:55	Added {{DEFAULTSORT:Le, Annie}}	Delivery: Sort	D	added default sort	1,395	
GG the Fly	13-Sep	23:56	Capitalized Department of Pharmacology	Style: Capitalization	S	minor, Capitalizing Dept of Pharm	1,395	
GG The Fly	13-Sep	23:59	Added <i>School of Medicine</i> and made it a wikilink	Invention: Microstructure addition and Delivery: Add link	ID		1,414	
74.68.156.62	13-Sep	23:59	Added new paragraph: <i>Annie Le is dating a Caucasian male.</i>	Invention: Microstructure addition	I		1,452	Predict this will be reverted. Made by someone without a user name. It seems irrelevant, out of place, and slightly racist.
GG The Fly	13-Sep	23:59	Made <i>doctoral student</i> a wikilink.	Delivery: Add link	D		1,456	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	0:00	Changed wikilink from <i>doctoral student</i> to <i>doctoral</i>	Delivery: Changed link	D	minor	1,456	
GG The Fly	14-Sep	0:00	Deleted paragraph: <i>Annie Le is dating a Caucasian male</i>	Invention: Microstructure deletion/Style: Revert	IS	deleting vandalism	1,417	This was reverted in a minute. Considered vandalism
GG The Fly	14-Sep	0:06	Added to a <i>graduate student at Columbia University, Jonathan Widawsky</i> and made <i>Columbia University</i> a wikilink	Invention: Microstructure addition/Delivery: Add link	ID		1,486	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
CambridgeBayWeather	14-Sep	0:23	Nominated article for deletion: <b>This article is being considered for deletion in accordance with Wikipedia's deletion policy. Please share your thoughts on the matter at this article's entry on the Articles for deletion page. Feel free to edit the article, but the article must not be blanked, and this notice must not be removed, until the discussion is closed. For more information, particularly on merging or moving the article during the discussion, read the guide to deletion.</b>	Style/Delivery: Wikipedia policy	SD	Nominated for deletion; see Wikipedia:Articles for deletion/Annie Le. (TW).There appears to be no claim of notability here. A lot of people go missing all the time why is this person different? Later events may show some sort of notability but Wikipedia is not a crystal ball. While it's only a guideline Wikipedia:Notability (people)#People notable only for one event would seem to apply.	1,812	Notability guideline: Article must have "received significant coverage in reliable sources that are independent of the subject." . 45 keeps vs. 13 deletes. Discussion closed early (9/17) by NawlinWiki, citing the Snowball clause: "If an issue doesn't have a snowball's chance in hell of achieving a desired outcome, don't keep pushing for it anyway." (p. 1). Renamed from <b>Murder of Annie Le</b> instead of <b>Annie Le</b> as per suggestions by users to focus on the event, not the person. This is per Wikipedia's policy on people notable only for one event ("Wikipedia:Notability (People) par. 19).

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
67.67.88.104	14-Sep	9:20	Added birth date: <i>July 18, 1985</i> and made wikilinks for date and year	Invention: Microstructure addition and Delivery: Add link	ID		1,892	
			Added - <i>September 11, 2009</i> in <i>[[New Haven, Connecticut</i> and made date and year wikilinks	Invention: Microstructure addition and Delivery: Add link	ID			Think user was trying to add date and place of her disappearance, but it makes no sense coming after the birth info. Also seemed to be trying to make New Haven, Connecticut a wikilink but forgot to close off the brackets.
			Changed <i>is</i> to <i>was</i>	Style: Grammar, conjugation	S			
67.67.88.104	14-Sep	9:20	Fixed wikilink for <i>New Haven, Connecticut</i>	Delivery: Link fix	D		1,894	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
207.159.188.234	14-Sep	9:30	Changed date of disappearance from September 11 to September 8	Invention: Microstructure substitution/Delivery: Link change	ID		1,893	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
207.159.188.234	14-Sep	9:33	Added recent death tag: <b>This article is about a person who has recently died. Some information, such as that pertaining to the circumstances of the person's death and surrounding events, may change rapidly as more facts become known.</b>	Style: Wikipedia Policy/Delivery	SD		1,961	
			Added category: <i>Murdered students</i>	Delivery: Add category	D			It is listed under this category.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Stevefis	14-Sep	13:31	Changed <i>No suspects have been identified</i> to <b>The police have identified a suspect, a student who has defensive wounds and failed polygraph test.</b> Made <i>polygraph test</i> a wikilink	Invention: Macrostructure permutation/Delivery: Link	ID		2,000	Listed as macrostructure, because this is a key piece of information that would alter the summary of the text.
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Stevefis	14-Sep	13:31	Changed <i>The police have identified a subject</i> to <i>The police has identified a subject.</i>	Style: Grammar, Subject/verb agreement	S	minor	1,999	This was correct before. The <i>police</i> is plural. The singular would be <i>A police officer</i>
64.252.72.160	14-Sep	14:10	Deleted <b>born</b>	Style: Deletion	S	No need for "born"	1,997	
			Added comma after birth date and hyphen between birth information and death information	Style: Punctuation	S			This makes sense now. It is the range of her life. But there was no need to add the comma between her birth date and place
64.252.72.160	14-Sep	14:11	Added comma between death date and place	Style: Punctuation	S	comma	1,998	This comma is also unnecessary.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	14-Sep	14:12	Changed wikilink from <i>American of Vietnamese</i> to <i>American of Vietnamese descent</i>	Style/Delivery: Format link	SD	better link	1,998	The link still goes to the same place, but the name makes more sense now.
138.162.0.46	14-Sep	14:31	Changed <i>the police has identified</i> back to <i>the police have identified</i>	Style: Grammar, Subject/verb agreement	S		1,999	
138.162.0.46	14-Sep	14:32	Added pronoun: failed a polygraph test	Style: Grammar	S		2,001	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Ivanip	14-Sep	14:55	Added paragraph: <i>The last on-campus murder at Yale University was the 1998 stabbing of 21-year-old Suzanne Jovin, which remains unsolved.</i> Made <i>Suzanne Jovin</i> a wikilink	Invention: Microstructure addition/Delivery: Add link	ID		2,222	
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Joseph Barillari	14-Sep	15:34	<p>Added: <b>MSNBC and other news networks reported on September 14 that</b> police have identified a subject, a student who has defensive wounds and failed a polygraph test. <b>A New Haven spokesman, however, denied these reports and indicated that no suspects have yet been identified.</b></p>	Invention: Macrostructure addition		clarify	2,501	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
JosephBarillari	14-Sep	15:47	Changed <i>wall between floors used to house utility cables to utility conduit in the basement of a laboratory building</i>	Style: Permutation	S		2,820	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added paragraph: <i>The Yale community publicly mourned Le's death. The Yale Daily News reported that professor and Cold War historian John Lewis Gaddis called September 14 "saddest day to open class" since the day after September 11, 2001. Made wikilinks: Yale Daily News, Cold War, John Lewis Gaddis, and September 11, 2001.</i>	Invention: Microstructure addition/Delivery: Add links	ID	response		

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
Ixfd64	14-Sep	16:01	Added category: <i>1985 births</i>	Delivery: Add category	D	minor, Quick-adding category 1985 births using HotCat	2,845	"HotCat is a JavaScript that helps registered users easily remove, change and add categories to Wikipedia pages. It has a suggestions list that will propose existing categories for auto-completion. It is a part of the original Wikimedia Commons version of the HotCat tool" ("User:TheDJ/HotCat" par. 1)

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
lxfd64	14-Sep	16:01	Added category: <i>2009 deaths</i>	Delivery: Add category	D	minor, Quick-adding category 2009 deaths using HotCat	2,870	
lxfd64	14-Sep	16:01	Removed category: <i>Disappeared People</i>	Delivery: Remove category	D	minor, Removed category Disappeared people (using HotCat)	2,839	
lxfd64	14-Sep	16:03	Added category: <i>Yale University Alumni</i>	Delivery: Add category	D	minor, Quick-adding category <i>Yale University Alumni</i> (using HotCat)	2,875	
StarbriteQueen	14-Sep	16:20	Added person info box with name, birth date, death date, and date body discovered	Invention: Microstructure Addition/Arrangement: Addition/Style: Format	IAS		3,386	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Gary King	14-Sep	16:43	Unlinked birth and death dates	Style: Wikipedia Policy/Delivery: Delete links	SD	Unlink dates per Wikipedia: Manual of Style	3,370	Wikipedia: Manual of Style: "Dates are not normally linked" (par. 130)
Gary King	14-Sep	16:46	Added titles and authors to references	Style: Reference format	S	fmt refs	4,138	
GG The Fly	14-Sep	17:50	Added <i>alma mater placeholder</i> to info box	Arrangement: Addition/Style: Format	AS	minor	4,137	Did not actually fill in alma mater
GG The Fly	14-Sep	17:52	Relinked birth and death dates	Delivery: Add link	D	minor, Linked DOB/DOD	4,153	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	17:59	<p>Reworded sentence: <i>The FBI, New Haven Police and Connecticut State Police were all involved in the search, and on September 13, police found remains that they believe were those of Annie Le in a utility conduit in the basement of a laboratory building.</i> To <i>The FBI, New Haven Police and Connecticut State Police were all involved in the search and eventually discovered her body on September 13 in a utility conduit in the basement of a campus laboratory building that was positively identified by the medical</i></p>	Invention: Macrostructure permutation		Body Identified as Annie Le	4,206	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed reference article	Invention: Microstructure substitution/Style: Format/Delivery: Link change	ISD	minor		
GG The Fly	14-Sep	17:59	Removed <b>that was positively identified by the medical examiner's office</b>	Invention: Microstructure deletion/Style: Deletion	IS		4,142	That phrase made it seem like the coroner identified the utility conduit rather than the body, but she could have still left the info in and reworded the sentence.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	18:02	Changed <i>a utility conduit in the basement of a campus laboratory building</i> to a <b>basement wall of a campus laboratory building along with her bloodied clothes that were separately hidden above a ceiling tile</b>	Invention: Microstructure addition	I		4,204	This is awkwardly worded.
GG The Fly	14-Sep	18:03	Removed space between end of sentence and reference	Style: Spacing	S	minor	4,203	This is a style issue, rather than delivery, because it deals with the space between words, not between letters or lines

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	18:07	Added paragraph: <b>Notably, Le had previously composed an article for the medical school's B magazine on being safe on campus, which was published in February.</b>	Invention: Microstructure addition	I	Adding information re 2/09 article she wrote about safety	4,393	This is awkward and seems out of place.
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	18:09	Reworded previous sentence: <i><b>Ironically</b>, Le had previously composed an article for Yale Medical School's B Magazine entitled "Crime and Safety in New Haven," published in February 2009.</i>	Invention: Microstructure addition/Style: Substitution	IS	minor	4,409	Improvement to the sentence.
24.16.153.102	14-Sep	18:27	Removed <b>Ironically</b>	Style: Tone	S	Ironic is the wrong tone for such a tragedy.	4,397	I think <i>ironically</i> worked there.
GG The Fly	14-Sep	18:40	Removed space between end of sentence and reference	Style: Spacing	S	minor	4,396	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	18:42	Changed <i>were separately hidden</i> to <i>were hidden separately</i>	Style: Grammar, Subject/verb agreement	S	minor	4,396	
Lowellian	14-Sep	18:57	Added distinguish tag: <i>Not to be confused with Annie Lee</i>	Style/Delivery: Wikipedia Policy	SD	distinguish template	4,422	
			Added link: <i>Annie Lee</i>	Delivery: Add link	D			
96.241.11.41	14-Sep	19:52	Removed <b>her</b> from <i>her bloodied clothes</i>	Invention: Microstructure deletion	I	Found clothes were not Annie Le's	4,418	Wonder whose clothes they were. Also, should it be <i>bloody</i> instead of <i>bloodied</i> ?
WWGB	14-Sep	20:19	Removed recent death tag	Style/Delivery: Wikipedia policy	SD	minor, death no longer recent	4,381	What makes a death recent? This is only 6 days after her death.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
67.67.88.104	14-Sep	20:28	Filled in chart with birth place, death place, death cause, and nationality and made these all links. Also added residence: <i>Milipitas, California</i> in addition to her school residence in New Haven.	Invention: Microstructure addition/Style: Chart/Delivery: Chart and links	ISD		4,502	
GG The Fly	14-Sep	21:15	Added a space between the tags at the top and main body of article	Delivery: Spacing	D		4,877	Posted question to this user's talk page

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	14-Sep	21:26	Added fiance's major (applied physics and mathematics) and made this a wikilink	Invention: Microstructure addition/Delivery: Add link	ID		4,969	
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
GG The Fly	14-Sep	21:27	Changed link from <i>applied physics and mathematics</i> to <i>applied physics</i>	Delivery: Fix link	D		4,985	<i>Applied physics and mathematics</i> doesn't work, <i>applied physics</i> does.
97.124.255.168	14-Sep	22:42	Added (pronounced "Lay")	Invention: Microstructure addition	I	lot more info see the source for all this info	5,839	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added info: <i>who disappeared on September 8, 2009 from a research building on the New Haven campus</i> <b>and was found murdered in Yale University Medical building at 10 Amistad Street</b>	Invention: Microstructure Addition				Should be <i>was found</i> and <i>Yale University medical building</i> needs an article



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>Annie Le's purse, containing her belongings, was subsequently found at her laboratory office to <b>she left her apartment and took [[Yale Transit]] that morning to [[Sterling Hall of Medicine]] on the Yale campus. She left her purse, money and cellphone at that building and took her Yale ID card to the 10 Amistad street building along with some items as recorded in the security camera of the building. She entered the building at around 10AM. That evening at around 9PM her roommate called the police about her</b></i></p>	<p>Invention: Microstructure Addition/Delivery: Add Link</p>	ID			<p>Need serial comma for <i>purse, money and cellphone</i>. Should be recorded <b>by</b> the security camera. Should be <i>about her <b>being</b> missing and not returning</i>. Or better yet: <i>reported her missing</i>.</p>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added: <i>The building and the area are monitored by around 75 security cameras and the entrance to the building and the rooms inside the building require [[Yale ID card]] in order to be opened and accessed. Police said this homicide doesn't seem like a random act and probably she was targeted for some reason</i> Made Yale ID card a wikilink	Invention: Microstructure Addition/Delivery: Add link	ID			First sentence needs a comma to link independent clauses. Should be <b><i>and that she was probably</i></b> attacked for some reason. Overall awkwardly worded.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
			Divided first paragraph into 4 paragraphs	Arrangement: Distribution	A			Good move. First paragraph was much too long.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	14-Sep	22:45	Added sentence: <i>The basement where the body is found houses animals that are to be used for animals and the entrance to the basement of someone without Yale identification card is considered extremely difficult, but not impossible.</i>	Invention: Microstructure Addition	I		6,071	Awkward and confusing sentence. Believe it should say <i>animals that are to be used for research</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added period to sentence: <i>Police said this homicide doesn't seem like a random act and probably she was targeted for some reason.</i>	Style: Punctuation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Created a <b>Personal</b> section and moved this sentence there: <i>She was due to be married on September 13, 2009 in Syosset, New York to a graduate student in applied physics and mathematics at Columbia University Jonathan Widawsky.</i>	Arrangement: Added section/Style: Format	AS			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	14-Sep	22:47	Changed: <i>was a 24-year-old first generation American of Vietnamese descent who was a doctoral student</i> to <i>was a 24-year-old Vietnamese American doctoral student</i>	Invention: Microstructure permutation	I		6,013	Good to make sentence more concise, but think <i>American of Vietnamese descent</i> is more appropriate than Vietnamese American
97.124.255.1 68	14-Sep	22:49	Moved 2nd and 4th paragraphs to <b>Personal</b> section	Arrangement: Permutation	A			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>On the <b>date</b> of her death, she left her apartment and took Yale Transit <b>that morning</b> to Sterling Hall of Medicine</i> to <i>On the <b>morning</b> of her death, she left her apartment and took Yale Transit to <b>the building</b> Sterling Hall of Medicine</i>	Style: Substitution and Addition	S			Made sentence more concise, but <i>the building</i> is unnecessary



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added comma: <i>That evening at around 9PM, her roommate called the police about her missing and not returning.</i>	Style: Punctuation	S			
			Changed <i>and the entrance to the basement of someone to someone entering the basement</i>	Style: Permutation	S			
97.124.255.1 68	14-Sep	22:51	Added state of high school (in California) and made California a wikilink	Invention: Microstructure Addition/Delivery: Add link	ID		6,020	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added space between body of article and references	Delivery: Spacing	D			
97.124.255.1 68	14-Sep	22:54	Added 2 sentences: <i>The police were puzzled that they didn't see Le exiting the building, and they proceed to close the whole building for investigation. They also looked through the trash from the building.</i>	Invention: Microstructure Addition	I		6,208	Should be <i>proceeded</i>
97.124.255.1 68	14-Sep	22:54	Removed wikilink: <i>California</i>	Delivery: Delete link	D	→Personal	6,204	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.105.175.1 54	14-Sep	22:55	Reworded sentence: That evening at around 9PM, her roommate called the police about her missing and not returning. Becomes <b>When Le failed to return to her home, by around 9PM Tuesday evening, a housemate called police to report her missing.</b>	Style: Permutation	S		6,225	Much better sentence

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	14-Sep	22:56	Changed <i>animals that are to be used for animals</i> to <i>animals (mostly mice) that are to be used for experiments</i> . Made <i>mice</i> a wikilink	Invention: Microstructure addition/Delivery: Add link	ID		6,247	Believe this fixes a previous mistake. Not sure how to code that
97.124.255.1 68	14-Sep	22:56	Removed space before body of article	Delivery: Spacing	D		6,246	Reverting revision of GG The Fly at 21:15
97.124.255.1 68	14-Sep	23:00	Added phrase: <i>The police were puzzled that they didn't see Le leaving the building by examining the security cameras</i>	Style: Addition	S		6,280	Unnecessary

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	14-Sep	23:00	Changed <i>proceed to close</i> to <b>closed</b>	Style: Substitution	S		6,270	More concise
Pluspiano22	14-Sep	23:18	Added article: <i>in a Yale University Medical building</i>	Style: Grammar	S		6,522	
			Changed <i>Sterling Hall</i> to <b>that building</b>	Style: Substitution	S			Removed unnecessary repetition of building's name
			Added phrase: <b>where her research laboratory was located</b>	Invention: Microstructure Addition	I			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>along with some items as recorded in the security camera of the building.</i> She entered the building at around 10AM. To She entered the <b>Amistad Street</b> building at around 10AM, as documented on footage from the building's security cameras.</p>	Style: Permutation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added sentence: <i>Le was never seen leaving the building.</i>	Invention: Microstructure Addition				

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed sentence from <i>When Le failed to return to her home, by around 9PM Tuesday evening, a housemate called police to report her missing.</i> to <b>At around 9PM Tuesday evening, when Le had still not returned to her home, one of her five housemate's called police to report Le missing.</b></p>	<p>Invention: Microstructure addition/Style Substitution</p>	IS			<p>Didn't need the apostrophe in <i>housemates</i></p>



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>they didn't see Le exiting the building by examining the security cameras</i> to <i>they didn't security camera footage did not show Le exiting the building at Amistad Street</i></p>	Style:Permutation	S			Left <i>they didn't</i> from old sentence

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>They also looked through the trash from the building.</i> to <b><i>Police also searched through refuse at the Hartford dump, where Yale's garbage is incinerated, looking for clues in Le's disappearance.</i></b></p>	<p>Invention: Microstructure permutation</p>				

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed and eventually discovered her body on [[September 13]] in a basement wall of a campus laboratory building along with bloodied clothes that were hidden separately above a ceiling tile. to <b>On Sunday, [[September 13]], authorities discovered Le's body inside the wall of a basement laboratory in the Amistad street building of Yale's Medical Campus. Bloody clothes had been found previously above a ceiling tile in the same lab.</b></p>	Style: Permutation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>police have identified a suspect, a student to police may have identified a suspect</i>	Invention: Microstructure permutation				Clarifies what comes later, that police haven't confirmed these reports

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>someone entering the basement without Yale identification card is considered extremely difficult, <b>but not impossible</b> to <b>the possibility of</b> someone entering the basement without Yale identification card is considered extremely difficult</i></p>	Style: Permutation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pluspiano22	14-Sep	23:20	Changed <b>The police</b> were puzzled that <b>they didn't</b> security camera footage did not show Le exiting the building at Amistad Street, <b>and they closed</b> the whole building to <b>Because they</b> were puzzled that security camera footage did not show Le exiting the building at Amistad Street, <b>police</b> closed the whole building	Style: Permutation	S		6,510	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pluspiano22	14-Sep	23:22	Changed <i>the possibility of someone entering the basement without Yale identification card is considered extremely difficult to <b>due to high security measures in the building, it would be extremely difficult for someone without a Yale identification card to enter the laboratory.</b></i>	Style: Permutation	S		6,544	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pluspiano22	14-Sep	23:24	<p>Changed <i>She left her purse, money and cellphone at Sterling Hall and took her Yale ID card to the 10 Amistad street building, where her research laboratory was located. She entered the Amistad Street building at around 10AM, as documented on footage from the building's security cameras. to</i></p> <p><b>Around 10AM she walked from Sterling Hall to another campus building at 10 Amistad street, where her research laboratory was located, leaving her purse-with her cell phone, credit cards and cash, in her office at Sterling Hall</b></p>	Style: Permutation	S		6,613	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>when Le had still not returned to her home, one of her five housemate's called police to report <b>Le</b> missing.</i> to <i>when Le had still not returned to her home, one of her five housemate's called police to report <b>her</b> missing.</i></p>	Style: Substitution	S			2nd <i>Le</i> was redundant

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pluspiano22	14-Sep	23:28	<p>Changed <i>The basement where the body <b>is</b> found houses animals (mostly [[mice]]) that are to be used for experiments <b>and due</b> to high security measures in the building, it would be extremely difficult for someone without a Yale identification card to enter the laboratory. to The basement where the body <b>was</b> found houses animals (mostly [[mice]]) that are used for experiments and research. <b>Due</b> to high security measures in the building, it would be extremely difficult for someone without a Yale identification</i></p>	Style: Grammar, Conjugation and split sentence	S		6,658	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Pluspiano22	14-Sep	23:29	Added phrases: <b><i>authorities and Yale officials maintain that it would be extremely difficult for someone without a Yale identification card to enter the basement laboratory where Le's body was discovered, leading them to focus their investigation on Yale employees and students.</i></b>	Style: Addition	S		6,777	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cunard	14-Sep	23:47	Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	→Personal: added ref	7,347	
			Formatted reference	Style: Format reference	S	formatted the other ref		
68.45.132.233	15-Sep	0:48	Changed birthdate in chart and body of article and changed link to date in body. From 7/18 to 7/3	Invention: Microstructure substitution/Delivery: Link change	ID		7,346	
64.252.72.160	15-Sep	0:50	Removed towns of birth and death from body of article	Invention: Microstructure deletion/Delivery: Delete link		towns are listed in Info Box now	7,279	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	0:51	Capitalized name pronunciation: <i>Lay</i>	Style: Capitalization	S	L	7,279	Unnecessary

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	0:52	<p>Changed "'Annie Le'"</p> <p><i>(pronounced "lay")</i> (<i>[[July 3]],</i> <i>[[1985]]</i> – <i>[[September 8]],</i> <i>[[2009]])</i> was a 24-year-old <i>[[Vietnamese American]]</i> <i>[[doctoral]]</i> student at <i>[[Yale University School of Medicine]]</i> in the Department of <i>[[Pharmacology]]</i>, <b>who</b> disappeared on <i>[[September 8]],</i> <i>[[2009]]</i> from a research building on the <i>[[New Haven]]</i> campus and found murdered in a Yale University medical building at 10 Amistad Street. to Annie Le <i>(pronounced "lay")</i> (July 3, 1985 – September 8, 2009) was a 24</p>	Style: Distribution	S	long sentence	7,315	Faigley and Witte's term (p. 403)

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	0:00	Changed <i>found murdered</i> to <b><i>was found dead</i></b>	Invention: Microstructure substitution	I	intro		There is a big difference between being found dead and murdered, but I think the rest of the article makes it clear that she was killed.
			Changed <i>the morning of her death, she</i> to <i>the morning of September 8, Le</i>	Style: Substitution	S			Faigley and Witte's term (p. 403)
			Changed <i>Around</i> to <b><i>At about</i></b>	Style: Substitution	S			
			Changed times from <i>10AM</i> to <i>10:00 AM</i> (also did this for 9 am, 3 instances in all)	Style: Format	S			Brings it closer to Wikipedia's recommendations, but <i>am</i> and <i>pm</i> should not be capitalized (WP: MOS, section 10.2)

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>where her research laboratory was located, leaving her purse-with her cell phone, credit cards and cash, in her office to where her research laboratory was located. Le had left her purse, cell phone, credit cards, and cash in her office</i></p>	<p>Style: Distribution and Punctuation</p>	S			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>around 9PM Tuesday evening</i> to <b>approximately 9:00 PM on the evening of September 8</b>	Style: Substitution	S			
			Changed <i>housemate's</i> to <i>housemates</i>	Style: Punctuation	S			This is correct.
64.252.72.160	15-Sep	0:59	Made a couple new paragraphs in the code	Style: Code	S	minor	7,317	As far as I can tell, this makes no difference in the appearance of the article
64.252.72.160	15-Sep	0:59	Removed links from birth and death dates	Style: Format/Delivery: Delete links	SD	links	7,301	In accordance with Wikipedia policy
64.252.72.160	15-Sep	1:01	Bolded <b>Yale Daily News</b>	Delivery: Bold	D		7,309	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added article: <i>called</i> <i>September 14</i> <b>the</b> " <i>saddest</i> <i>day to open</i> <i>class</i> "	Style: Grammar	S	edits		
64.252.72.16 0	15-Sep	1:02	Appeared to change link from <i>September 11</i> <i>2001</i> to <i>September 11</i> <i>attacks</i>	Style: Code	S	September 11 attacks	7,330	<i>September 11, 2001</i> redirects to the page about the attacks, so this made no difference. Maybe the redirect wasn't there at the time of this edit. Not sure how to check.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:04	Changed <i>death of 21-year-old [[Suzanne Jovin]], which remains unsolved to death of 21-year-old Yale senior Suzanne Jovin, a crime that remains unsolved</i>	Invention: Microstructure addition and Style: Substitution	IS	senior	7,349	
64.252.72.160	15-Sep	1:05	Added sentence: <b><i>Prior to that, Yale sophomore Christian Prince was murdered in 1993.</i></b>	Invention: Microstructure addition	I	Christian Prince	7,423	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:06	Changed <i>Yale sophomore Christian Prince was murdered to sophomore Christian Prince, a fourth-generation Yale alumnus, was murdered</i>	Invention: Microstructure addition	I	fourth-generation Yale alumnus	7,453	According to talk page, an alumnus is "a graduate or former student" so this is correct
64.252.72.160	15-Sep	1:07	Changed year of Christian Prince's death from 1993 to 1991	Invention: Microstructure substitution	I	91	7,453	
64.252.72.160	15-Sep	1:09	Formatted first paragraph in <b>Personal</b> section	Style: Code	S		7,498	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added <i>graduated as class valedictorian from Union Mine High School</i> and made <i>val</i> a wikilink	Invention: Microstructure addition/Delivery: Add link	ID	val		
64.252.72.160	15-Sep	1:10	Added commas: <i>September 13, 2009, in Syosset, New York, to a graduate student</i>	Style: Punctuation	S	→Personal: ,	7,500	Is this really necessary?

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:12	Changed nationality from <i>American</i> to <i>Vietnamese American</i> in info box. Also made this a link	Invention: Microstructure addition/Delivery: Add link	ID	Vietnamese American add	7,555	Strongly disagree with this. Her nationality is American.
			Added education (Yale University) and Occupation (doctoral student) to info box and made these links	Style:Addition/Delivery: Add link	SD			May add her high school and undergrad information to the info box in the future
64.252.72.160	15-Sep	1:13	Fixed <i>doctoral student</i> link to make it go to <i>Doctor of Philosophy</i> article	Delivery: Link fix	D	Doctor of Philosophy	7,576	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:14	Changed link from <i>doctoral student</i> to <i>doctoral student</i>	Style: Format link	S	Doctorate	7,586	This is a style issue, rather than delivery, because the link still goes to the same place.
64.252.72.160	15-Sep	1:15	Added to <b>Occupation</b> in Info box: Doctoral student <b>of Pharmacology</b> and made <i>Pharmacology</i> a link	Style: Addition/Delivery: Add link	SD	Pharmacology	7,606	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:17	Added opening sentence: <b><i>The murder of Annie Le (pronounced "lay") occurred on Tuesday, September 8, 2009, on the campus of Yale University in New Haven, Connecticut.</i></b> Made <i>Yale University</i> a wikilink	Arrangement: Addition/Delivery: Add link	AD	intro		This is not invention, because this information was already there. Thought that the title of the article had changed, but in fact it looks like user just bolded <b>murder of Annie Le</b> and the article is still just <b>Annie Le</b>
64.252.72.160	15-Sep	1:19	Alphabetized categories at bottom of page	Style: Format	S	alpha	7,733	Don't know if Wikipedia prefers alphabetizing categories
			Added new category: <i>Yale University Alumni</i>	Delivery: Add category	D			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:20	Added <b>See Also</b> section	Arrangement: Addition/Style: Format		→Personal: see	7,771	
Okmur	15-Sep	1:20	Added phrase: <i>Christian Prince, a fourth-generation Yale alumnus, was murdered in 1991 for being white.</i>	Invention: Microstructure addition	I		7,787	There is some suspicion that the murder was racially motivated, but a robber was also involved. User has no talk page
64.252.72.160	15-Sep	1:22	Added links in <i>See Also</i> section: Suzanne Jovin, Christian Prince, and Gary Stein	Delivery: Add links	D	→See also: see	7,876	Gary Stein links leads to the wrong person, a sportscaster. There is another Gary Stein, a New Jersey Supreme Court Justice, but there is no page about this murder victim.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:24	Added section <b>Yale Murders</b> and put in 3 murders with links: <i>In 1998, Suzanne Jovin, In 1991, Christian Prince, In 1976, Gary Stein</i>	Invention: Macrostructure Addition/Arrangement: Add section/Style: Format/Delivery: Add link	IASD	→See also: yale murder	8,003	Put most recent first.
Good Olfactory	15-Sep	1:28	Added category: <i>American Murder Victims</i>	Delivery: Add category	D	minor, Quick-adding category American murder victims (using HotCat)	8,040	
Good Olfactory	15-Sep	1:29	Added category: <i>People Murdered in Connecticut</i>	Delivery: Add category	D	Quick-adding category People murdered in Connecticut (using HotCat)	8,084	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:30	Added info about other Yale murders: <i>In 1998, Suzanne Jovin, a 21-year-old senior at Yale, was found stabbed to death. Prior to Le's death, Jovin's was the last on-campus murder at Yale University, a crime that remains unsolved to this day.</i> <i>In 1991, Christian Prince, a sophomore and fourth-generation Yale alumnus, was murdered.</i> <i>In 1976, Gary Stein was killed.</i>	Invention: Microstructure addition	I	add	8,073	Further in the past, less info about the murder

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for info about Suzanne Jovin	Invention/Style /Delivery: Add reference	ISD			
Good Olfactory	15-Sep	1:30	Added category: Unsolved murders	Delivery: Add category	D	minor, Quick-adding category Unsolved murders (using HotCat)	8,103	No longer in this category because murder has been solved
64.252.72.160	15-Sep	1:30	Added new section, <b>Incident</b> , and put paragraphs 2-4 in it	Arrangement: Addition and Permutation/Style: Format	AS	break off lead para	8,119	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:36	Added info about Christian Prince murder: <b>was killed during a robbery committed by 16-year-old James Duncan Fleming. Fleming received a nine-year prison sentence.</b>	Invention: Microstructure Addition	I	→Yale murders: details	8,230	
64.252.72.160	15-Sep	1:38	Changed date of Gary Stein murder from 1976 to 1974	Invention: Microstructure substitution	I		8,276	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added info about Gary Stein murder: <b>murdered during a robbery near Grove Street Cemetery.</b>	Invention: Microstructure Addition	I	→Yale murders: Gary Stein was murdered during a robbery near Grove Street Cemetery in 1974.		
98.204.95.215	15-Sep	1:41	Changed name pronunciation from <i>lay</i> to <b>leh</b>	Invention: Microstructure substitution	I		8,276	Doubt this change will last. User has no account or talk page

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:41	Added info about Gary Stein murder: <i>Gary Stein, a Yale junior, was murdered during a robbery near Grove Street Cemetery. Melvin Jones was convicted in the case and spent fifteen years in prison.</i>	Invention: Microstructure Addition		→Yale murders: In 1974, Yale junior Gary Stein was killed in a robbery. Melvin Jones was convicted in the case and spent fifteen years in prison.	8,366	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Okmur	15-Sep	1:42	Changed sentence from <i>Christian Prince, a sophomore and fourth-generation Yale alumnus, was killed <b>during a robbery</b></i> to <i>Christian Prince, a sophomore and fourth-generation Yale alumnus, was killed <b>as part of a hate crime</b></i>	Invention: Microstructure substitution		→Yale murders	8,369	This will probably be reverted due to bias. Killer was only convicted of attempted robbery, not murder.



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:44	Added <i>Christian Prince, a sophomore and fourth-generation Yale alumnus, was killed as part of a hate crime and robbery.</i> <b>Made</b> hate crime and robbery wikilinks	Invention: Microstructure Addition/Delivery: Add links		→Yale murders: link	8,389	
64.252.72.160	15-Sep	1:45	Changed <i>fifteen</i> to <b>15</b>	Style: Format	S		8,384	According to section 11.1 of Manual of Style: "numbers greater than nine are commonly rendered in numerals, or may be rendered in words if they are expressed in one or two words" So it could be written either way

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.252.72.160	15-Sep	1:46	Changed pronunciation back from <i>leh</i> to <b>lay</b>	Invention: Microstructure substitution	I	lay	8,384	Took 5 min. to revert this change
64.252.72.160	15-Sep	1:47	Alphabetized categories at bottom of page	Style: Format	S	alpha	8,384	
64.252.72.160	15-Sep	1:49	Linked <i>crime that remains unsolved</i> to article: <b>List of unsolved murders and deaths</b>	Delivery: Add link	D	→Yale murders: List of unsolved murders and deaths	8,424	Suzanne Jovin is mentioned in this article

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	15-Sep	1:54	Changed nationality back from <i>Vietnamese American</i> to <b>American</b> in info box	Invention: Microstructure deletion	I	vietnamese american is an ethnic group. same thing you won't have irish american nationality. nationality is USA or not	8,413	Completely agree!
97.124.255.1 68	15-Sep	1:57	Added to <b>Education</b> in info box: <i>University of Rochester (Bachelors)</i> and put under Yale <i>(was studying for PhD)</i>	Style: Addition	S		8,479	This info was already in the article, so no invention

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.168	15-Sep	1:58	Added to info box: <b><i>Ethnicity:</i></b> <i>Vietnamese American</i> , <b><i>Citizenship:</i></b> <i>American</i> , <b><i>known for:</i></b> <i>murder victim</i> . Made <i>Vietnamese American</i> a wikilink	Style: Addition/Delivery: Add link	SD		8,512	What's the difference between nationality and citizenship?
			Changed link in info box from <i>American</i> (which led to a list of possible articles) to <b>USA</b> (which leads to 1 article)	Delivery: Fix link	D			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Moved <i>University of Rochester</i> to <b>alma mater</b> category and made <i>alma mater</i> a link	Arrangement: Permutation/Delivery: Add link	AD			Should Yale also be her alma mater, since she no longer goes there? Or do you have to graduate?
97.124.255.168	15-Sep	2:01	Added <i>Union Mine High School</i> to <b>alma mater</b> in info box	Style: Addition	S		8,538	
159.148.19.2	15-Sep	2:44	Unlinked <i>Gary Stein</i> in <b>Yale Murders</b> section	Delivery: Delete link	D		8,534	There is no Wikipedia article about this Gary Stein.
74.101.155.202	15-Sep	2:54	Removed <i>Gary Stein</i> from <b>See Also</b> section	Delivery: Delete link	D	→See also	8,505	Not invention because there is still info about Gary Stein in the article

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
69.37.127.11 2	15-Sep	3:47	Removed <b>on-campus</b> from info about Suzanne Jovin	Invention: Microstructure deletion	I	→Yale murders: Dropped the phrase "on-campus" to describe the murder of Jovin. She was murdered at an off-campus location, around 2 miles from where she was last seen on campus.	8,495	
98.232.98.14 4	15-Sep	3:51	Changed <b>ethnicity</b> in info box from <i>Vietnamese American</i> to <b>Vietnamese</b> and changed link	Style: Substitution/De livery: Link change	SD	"Vietnamese American" is not an ethnicity	8,504	Don't know about this one

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.255.1 68	15-Sep	4:25	Changed <b>ethnicity</b> back to <b>Vietnamese American</b> and changed link back	Style: Revert/Delivery : Link change	SD	vietnamese american is an ethnicity. check the ethnicity box on that entry	8,495	Not sure what this user means by saying "check the ethnicity box"
97.124.255.1 68	15-Sep	4:30	Changed <i>dead</i> to <b>murdered</b>	Invention: Macrostructure substitution	I	it is a murder, not that she just died suddenly. they are treating this as a homicide	8,503	Clarifying that she did not die of natural causes. Someone killed her.
97.124.255.1 68	15-Sep	4:30	Added <b>cause of death</b> to info box: <i>Homicide and made this a link</i>	Style: Format/Delivery: Add link	SD		8,507	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	15-Sep	6:18	In info box, changed <b>education</b> from <i>(was studying for PhD)</i> to <i>(PhD student)</i> . Added to <b>occupation: in Department of Pharmacology</b>	Style: Substitution	S		8,512	
GG The Fly	15-Sep	6:19	Added line break between <i>Doctoral student</i> and <i>Department of Pharmacology</i>	Delivery: Spacing	D		8,515	
WWGB	15-Sep	7:00	Removed <b>See Also</b> section	Arrangement: Deletion/Delivery: Delete links	AD	already listed above	8,417	This section was redundant



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
WWGB	15-Sep	7:01	Deleted <b>(pronounced "lay")</b>	Invention: Microstructure deletion	I	rm coarse pronunciation attempt	8,398	Wonder how it is really pronounced. Maybe it's too hard to explain in English.
WWGB	15-Sep	7:03	Changed title of article from <b>Annie Le</b> to <b>Murder of Annie Le</b>	Invention: Macrostructure addition/Delivery: Title	ID	minor, moved Annie Le to Murder of Annie Le: The death may be notable, the person is not.	8,398	Don't think this change was minor, because it focuses on the event, not the person
76.116.5.54	15-Sep	7:10	Removed <b>Articles for Deletion</b> tag	Style: Wikipedia Policy/Delivery	SD		8,071	The debate about whether or not to delete the article had not yet been resolved at this point
WWGB	15-Sep	7:12	Put back <b>Articles for Deletion</b> tag	Style: Revert/Wikipedia Policy/Delivery	SD	Undid revision 314080089 by 76.116.5.54 . Revert vandal	8,398	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	15-Sep	8:56	Changed <i>Vietnamese American</i> to <b>American</b> and got rid of wikilink	Invention: Microstructure deletion/Delivery: Delete link	ID	cleanup	7,705	Don't think it was necessary to say she was Vietnamese
			Unlinked several dates	Style: Format/Delivery: Delete link	SD			In accordance with Manual of Style. Dates should not be linked
			Unlinked <i>New Haven</i>	Delivery: Delete link	D			lots of links removed
			Adjusted <i>murdered</i> link so it leads directly to <b>murder</b> article	Style/Delivery: Format link	SD			Earlier link had to be redirected from <b>murdered</b> to <b>murder</b>
			Unlinked <i>Yale Transit</i>	Delivery: Delete link	D			
			Unlinked <i>Sterling Hall of Medicine</i>	Delivery: Delete link	D			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Formatted references	Style: Format references	S			
			Changed sentence from <i>Police <b>said this homicide doesn't seem like a random act and probably she was targeted for some reason.</b></i> to <i>As such, police believe the homicide <b>was not</b> a random act.</i>	Style: Substitution	S			Better sentence
			Changed <i>the body</i> to <i>Le's body</i>	Style: Substitution	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Deleted some spaces	Delivery: Spacing	D			
			Changed <i>She</i> to <b>Le</b>	Style: Substitution	S			
			Made <i>Syosset, New York</i> one link instead of 2	Delivery: Link change	D			
			Removed <b>Yale murders</b> section	Invention: Macrostructure deletion/Arrangement:Delete section/Delivery: Delete links	IAD			
Judo112	15-Sep	11:04	Removed <b>Tuesday</b> from date of death	Invention: Microstructure deletion	I		7,705	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added: <i>Annie Le who (July 3, 1985 – September 8, 2009) was a 24-year-old American doctoral student at Yale University School of Medicine in the Department of Pharmacology.</i>	Style: Addition	S			This is no longer a sentence.
Judo112	15-Sep	11:05	Added Category: <b>Murder in 2009</b>	Delivery: Add category	D		7,733	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	15-Sep	11:40	<p>Changed intro from: <i>Annie Le <b>who</b> (July 3, 1985 – September 8, 2009) <b>was</b> a 24-year-old American doctoral student at Yale University School of Medicine <b>in the</b> Department of Pharmacology. <b>Le</b> disappeared on September 8, 2009 from a research building on the New Haven campus <b>and</b> was found murdered in a Yale University medical building at 10 Amistad Street. to Annie Le (July 3, 1985 – September 8, 2009), a 24-year-old American doctoral student at <b>the</b> Yale University School of</i></p>	Style: Permutation	S	minor	7,734	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Nishkid64	15-Sep	11:59	Rearranged sentence: <i>a graduate student in applied physics and mathematics, Jonathan Widawsky.</i> To <b>Jonathan Widawsky, a graduate student in applied physics and mathematics</b>	Style: Permutation	S	minor, →Personal: better ordering	7,734	
			Moved reference to the end of sentence.	Style: Format reference	S			Wikipedia doesn't have a preference about how to cite

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Judo112	15-Sep	12:09	Combined sentences: <i>The murder of Annie Le occurred on September 8, 2009, on the campus of Yale University in New Haven, Connecticut. Annie Le (July 3, 1985 – September 8, 2009), a 24-year-old American doctoral student at the Yale University School of Medicine Department of Pharmacology, disappeared on <b>September 8, 2009</b> from a research building on the New Haven campus. to The murder of Annie Le occurred on September 8, 2009, on the campus of Yale University in New Haven</i>	Style: Permutation	S		7,715	No space between <i>Connecticut</i> and <i>when</i>



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	12:13	Added 2 images of Annie Le from the missing persons flier. Images are linked	Invention: Microstructure addition/Arrangement: Verbal-Visual Orientation/Delivery: Add image, link	IAD	add image	7,747	Looks like 2 images, but file is actually 1 image

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeheren ow	15-Sep	12:21	Added caption to photos: <b>Images from missing person flier released by New Haven police. Right: 8 September 2009 surveillance image taken upon Le's entrance of research facility at 10 Amistad in New Haven where she worked. Left: Undated and uncredited closeup of Le also on flier</b>	Invention: Microstructure addition/Style: Format	IS	caption	8,015	According to the Manual of Style, section 18, all images should have captions.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	12:29	Added info box for the event with <b>location, date, attack type, victim,</b> and <b>suspected perpetrator</b> above person info box. Made <i>murder</i> wikilink. Moved images from person info box to this one	Arrangement: Addition/Style: Format/Delivery: Add link	ASD	add infobox wrt event of criminal attack	8,292	Couldn't find out anything about info boxes on the Manual of Style page
Justmeherenow	15-Sep	12:31	Formatted title of person info box to match event info box: blue background and larger font	Delivery: font and color	D	blue name	8,365	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
LovesMacs	15-Sep	12:33	Made <i>cell biology</i> and <i>developmental biology</i> two separate wikilinks	Delivery: Add link	D	→Personal: I changed Le's major description to [ cell biology   cell ] and developmental biology because those are two separate Wikipedia articles	8,382	
Justmeherenow	15-Sep	12:35	Adjusted width of event info box	Delivery: Size	D	slightly adj box width	8,420	
173.77.175.50	15-Sep	12:59	Added <b>Vietnamese-American</b>	Invention: Microstructure addition	I		8,431	don't like the hyphenation
Cuchullain	15-Sep	13:23	Reverted previous edit by removing <i>Vietnamese-</i>	Invention: Microstructure deletion/Style: Revert	IS	She's from California, she's an American.	8,420	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
159.83.168.253	15-Sep	13:29	Added space between <i>Connecticut</i> and <i>when</i>	Style: Spacing	S		8,421	
Okmur	15-Sep	13:52	Added new category: <b>Californians</b>	Delivery: Add category	D	→References	8,447	This change was not made in the <b>References</b> section but to the categories at the bottom of the page. The <b>Californians</b> category page is empty as I can tell by the red link
97.124.249.194	15-Sep	14:53	Unlinked <i>murder</i> both in info box and intro paragraph	Delivery: Delete links	D	remove obvious and take the heat of the "murder"	8,439	Guess this user thought there was too much emphasis on <i>murder</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SlimVirgin	15-Sep	14:59	Combined info boxes into one: <b>Civilian attack</b> Categories: <b>Born, Died, Cause of death, Body discovered, Residence, Nationality, Ethnicity, Citizenship, Education, Alma mater, Occupation, and Known for</b>	Arrangement: Consolidation/Style: Format	AS	minor, one infobox only	7,892	Seems to be mainly the person categories and not the event
			Added table of contents after intro paragraph	Arrangement: Addition/Style: Format/Delivery: Anchors	ASD	plus toc		

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
VolkovBot (robot)	15-Sep	17:13	Added link to Vietnamese language <b>Annie Le</b> article	Delivery: Add link	D	minor, robot Adding : vi:Annie Le	7,909	
Okmur	15-Sep	17:17	Changed category from <i>Californians</i> to <b>People from California</b>	Delivery: Fix link	D	→References	7,957	This now links to an actual category page, which has a link to this article
Tempodivalse	15-Sep	17:24	Added link to Wikinews sister project: <i>Wikinews has related news: Yale graduate student who went missing before wedding found dead</i>	Delivery: Add link	D	→Incident: +wikinews	8,034	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
GG The Fly	15-Sep	17:25	Added break in info box between <i>Yale University</i> and ( <i>PhD student</i> )	Delivery: Spacing	D	minor	8,037	
GG The Fly	15-Sep	17:26	Linked <i>PhD</i> in info box	Delivery: Add link	D		8,041	
GG The Fly	15-Sep	17:28	Added <i>Suzanne Jovin</i> to <b>See also</b> section	Delivery: Add link	D	Suzanne Jovin to 'see also'	8,061	
98.182.55.163	15-Sep	18:07	Changed <i>murdered on September 8, 2009</i> to <i>murdered in September, 2009</i>	Invention: Microstructure permutation	I	date of murder not confirmed	8,058	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:26	Added new section, <b>Suspect:</b> <i>The suspect or "person of interest" is Raymond Clark, 24 years old that works in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test.</i>	Invention: Macrostructure addition/Arrangement: Addition/Style: Format	IAS	→Incident	8,378	Poorly written
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:30	Added <i>works as an animal technician in the building</i>	Invention: Microstructure addition	I		8,570	
			Added sentence: <b>He works in the building along with his fiancée, the fiancée's sister and her husband.</b>	Invention: Microstructure addition	I			
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:30	Removed quotation marks from <i>person of interest</i> and made it a wikilink	Style: Punctuation/Delivery: Add link	SD	→Suspect	8,572	
97.124.247.174	15-Sep	18:39	Added <b>recent death tag</b> : <i>This article is about a person who has recently died. Some information, such as that pertaining to the circumstances of the person's death and surrounding events, may change rapidly as more facts become known.</i>	Style: Format/Delivery	SD		8,619	This was removed earlier by WWGB

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:40	Removed <b>current person</b> tag	Style: Format/Delivery	SD		8,580	Think the event is still pretty current. Not sure this tag should have been removed
68.89.44.35	15-Sep	18:44	Changed birthdate in info box and body of article back to July <b>18</b>	Invention: Microstructure substitution/Style: Revert	IS		8,581	This was changed earlier by user <i>68.45.132.233</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	18:45	<p>Changed info about suspect from: <i>Raymond Clark, 24 years old that works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test. He works in the building along with his fiancée, the fiancée's sister and her husband.</i> to <b>Kanye West</b>            Made Kanye West a wikilink</p>	Invention: Macrostructure substitution/Delivery: Add link	ID	→Suspect	8,326	Clear vandalism

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
64.168.239.34	15-Sep	18:47	Removed entire <b>Suspect</b> section: <i>The suspect or person of interest is Kanye West</i>	Invention: Macrostructure deletion/Arrangement: Delete section/Delivery: Delete links	IAD		8,068	
64.168.239.34	15-Sep	18:47	Removed space between <b>Incident</b> and <b>Personal</b> section	Delivery: Spacing	D		8,067	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	18:49	Added back space and <b>Suspect</b> section: <i>The suspect or person of interest is Kanye West. Person of interest and Kanye West are both wikilinks. Also added back 2 references about the real suspect</i>	Invention: Macrostructure addition/Arrangement: Add section/Style: Revert/Delivery : Add links	S		8,326	Determined vandal. User was blocked indefinitely on 10/31 after repeated warning (talk page, par. 14)

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:49	Changed <i>Kanye West</i> to <b>Raymond Clark, 24 years old that works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test. He works in the building along with his fiancée, the fiancée's sister and her husband</b>	Invention: Macrostructure addition/Style: Revert/Delivery : Delete link	ISD	remove vandalism	8,581	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	18:51	<p>Changed suspect information again. Removed: <i>Raymond Clark, 24 years old that works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test. He works in the building along with his fiancée, the fiancée's sister and her husband.</i></p> <p>Replaced it with <b>Kanye West, a famous rapper.</b></p> <p>Made Kanye West a wikilink</p>	Invention: Macrostructure substitution/De livery: Add link	ID		8,343	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:53	Reverted previous edit. Changed from <i>Kanye West, a famous rapper</i> to <b>Raymond Clark, 24 years old that works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test. He works in the building along with his fiancée, the fiancée's sister and her husband.</b>	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete links	ISD	Undid revision 314211692 by 9014user	8,581	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	18:56	Reverted suspect info to <i>Kanye West</i>	Invention: Macrostructure substitution/Style: Revert/Delivery : Add link	ISD		8,343	
Ronhjones	15-Sep	18:56	Reverted suspect info to 97.124.247.174 version	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete link	ISD	minor, Reverted edits by 9014user to last revision by 97.124.247.174 (HG)	8,581	Used <b>Huggle</b> , a tool for detecting vandalism ("Wikipedia:Huggle ")

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	18:58	<p>Changed suspect information again. Removed: <i>Raymond Clark, 24 years old that works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed the polygraph test. He works in the building along with his fiancée, the fiancée's sister and her husband.</i></p> <p>Replaced it with: <b>Kanye West, a famous rapper. West failed a polygraph test after his rant against Taylor Swift during the 2009 MTV Video Music Awards.</b> Made <i>Kanye West, Taylor Swift, and the 2009 MTV</i></p>	Invention: Macrostructure change/Delivery: Add link	ID		8,454	This rant against Taylor Swift seems to be what turned the user against Kanye West and caused him to slander him by suggesting he is a murderer

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
97.124.247.174	15-Sep	18:59	Reverted to previous version	Invention: Macrostructure change/Style: Revert/Delivery : Delete links	ISD	removed vandalism	8,581	
128.175.87.123	15-Sep	19:04	Changed <i>Raymond Clark, 24 years old that works to Raymond Clark, 24 years old</i> <b>who</b> works	Style: Grammar	S	→Suspect	8,599	
			Added: <i>fiancee, Jennifer Hrodmadka</i>	Invention: Microstructure addition	I			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
128.175.87.1 23	15-Sep	19:05	Changed: <i>Raymond Clark, 24 <b>years old</b> who works as an animal technician in the building. He is the one that was previously reported by the press to have scratches and failed <b>the</b> polygraph test to Raymond Clark, 24, <b>of Middletown, CT,</b> who works as an animal technician in the building. He is the one that was previously reported by the press to have <b>defensive wounds</b> (scratches <b>on the chest</b>) and failed a polygraph test</i>	Invention: Microstructure addition/Style: Permutation	IS	→Suspect	8,639	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
128.175.87.1 23	15-Sep	19:07	Changed: <i>He is the one that was previously reported by the press to have to</i> <b>Upon police examination, he apparently had</b>	Style: Permutation	S	→Suspect	8,618	Less awkward now

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	19:07	<p>Removed:  <i>Raymond Clark, 24, of Middletown, CT, who works as an animal technician in the building. Upon police examination, he apparently had defensive wounds (scratches on the chest) and failed a polygraph test. He works in the building along with his fiancée, Jennifer Hromadka, the fiancée's sister and her husband.</i></p> <p>Replaced it with:  <b>Kanye West, a famous rapper. West failed a polygraph test after his rant against Taylor Swift during the 2009 MTV Video Music Awards.</b> Made Kanye West</p>	Invention: Macrostructure substitution/De livery: Add link	ID		8,454	



<b>Editor</b>	<b>Date</b>	<b>Time</b>	<b>Changes</b>	<b>Coding Category</b>	<b>Abbreviation</b>	<b>Revision Summary</b>	<b>Bytes</b>	<b>My Comments</b>
Ronhjones	15-Sep	19:08	Reverted to previous version	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete links	ISD	Reverted edits by 9014user to last revision by 128.175.87.123 (HG)	8,618	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
9014user	15-Sep	19:09	<p>Removed:  <i>Raymond Clark, 24, of Middletown, CT, who works as an animal technician in the building. Upon police examination, he apparently had defensive wounds (scratches on the chest) and failed a polygraph test. He works in the building along with his fiancée, Jennifer Hromadka, the fiancée's sister and her husband.</i></p> <p>Replaced it with:  <b>Kanye West, a famous rapper.</b>            Made Kanye West a wikilink</p>	Invention: Macrostructure change/Delivery: Add link	ID		8,342	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Ronhjones	15-Sep	19:09	Reverted to previous version	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete link	ISD	Reverted edits by 9014user to last revision by Ronhjones (HG)	8,618	
128.175.87.1 23	15-Sep	19:09	Changed <i>(scratches on the chest) and failed a polygraph test to (scratches <b>to</b> the chest) and failed a polygraph test <b>as well</b></i>	Style: Permutation	S	→Suspect	8,626	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	19:18	Reverted changes by SlimVirgin: split info into 2 infoboxes, event and person	Arrangement: Distribution/Style: Revert and format	AS	(1) article NOT biography, thus restore event infobox (2) keep sourced info formatted within bio infobox per WP:PRESERVE. see talk	9,174	Commented in talk page that since the article is not a biography, an event info box is needed. Also "a bio infobox should be included as well because there is no biography for Annie Le on Wikipedia" ("Talk:Murder of Annie Le")
			Changed birthdate in infobox to July 3 (as per version by user 68.45.132.233)	Invention: Microstructure substitution/Style: Revert	IS			The body of the article still lists her birth date as July 18. Don't know which is right
Justmeherenow	15-Sep	19:27	Moved biographical info box to the <b>Personal</b> section	Arrangement: Permutation	A	move biographical info box to biographical section	9,176	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	19:28	Deleted link to <b>Wikinews</b>	Delivery: Delete link	D	→Incident: mv wikinews box	9,099	Says that <b>wikinews</b> was just moved, but it looks like it was deleted
Justmeherenow	15-Sep	19:30	Aligned crime info box right	Delivery: Alignment	D		9,198	
			Put <b>Wikinews</b> link under crime info box: <i>Wikinews has related news: Yale graduate student who went missing before wedding found dead</i>	Delivery: Add link	D	place wikinews box under crime info box		

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeheren ow	15-Sep	19:32	Changed <b>Suspected Perpetrator</b> in crime info box from <i>Unknown</i> to <b>Raymond Clark, 24, of Middletown, CT</b>	Style: Format	S	add suspect to crime infobox	9,227	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	19:33	In <b>Suspected Perpetrator</b> section of crime info box, changed <i>Raymond Clark, 24, of Middletown, CT</i> to <i>Raymond Clark, 24</i> (line break) <b>Middletown, Connecticut.</b> Made <i>Middletown, Connecticut</i> a wikilink	Style: Format/Delivery: Add link	SD	wlink	9,240	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeheren ow	15-Sep	19:36	Changed <b>location</b> section of crime info box from <i>10 Amistad in New Haven, Connecticut (presumed)</i> to <i>10 Amistad Street (line break) New Haven, Connecticut (presumed)</i> . Made <i>New Haven, Connecticut</i> a wikilink	Style: Format/Delivery: Add link	SD	wikilink	9,253	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Eliz81	15-Sep	19:41	Removed suspect info from crime info box and <b>Suspect</b> section from body of article	Invention: Macrostructure deletion/Arrangement: Delete section/Style: Wikipedia Policy/Delivery: Delete links	IASD	remove information about a person of interest; that's dangerous WP:BLP territory without an arrest.	8,547	According to "Wikipedia:Biographies of Living Persons": "Editors must take particular care adding biographical material about a living person to any Wikipedia page. Such material requires a high degree of sensitivity, and must adhere strictly to all applicable laws in the United States and to all of our content policies, especially: neutral point of view, verifiability, and no original research" (par. 1). Couldn't find anything about criminal suspects, but there may not be enough reliable information about this person to include him in the article

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	15-Sep	19:45	Added back <b>Suspected Perpetrator(s)</b> section to crime info box with this information: <i>Thus far, a 24 year old individual from Middletown, Connecticut. Made Middletown, Connecticut a wikilink</i>	Invention: Macrostructure addition/Style: Wikipedia Policy/Delivery: Add link	ISD	fix	8,712	Removed suspect's name
Justmeherenow	15-Sep	19:47	Hid the <b>Suspected Perpetrator(s)</b> section in the crime info box	Style: Wikipedia Policy/Delivery: Hide	SD	hide, pending any arrest	8,719	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
WWGB	15-Sep	20:57	Removed <b>recent death</b> tag	Style: Wikipedia Policy/Delivery	SD	rm week-old tag per Template: Recent death	8,672	
136.244.237.55	15-Sep	21:30	Added sentence to beginning of <b>Personal</b> section: <i>Le is a Vietnamese American who spent her childhood with her aunt and uncle in Placerville, California. Made Vietnamese American and Placerville, California wikilinks</i>	Invention: Microstructure addition/Delivery: Add links	ID	→Personal	8,864	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
Gary King	15-Sep	22:23	Added space between table of contents and <b>Incident</b> section	Delivery: Spacing	D	cleanup	8,844	
Gary King	15-Sep	22:24	Changed <i>See Also</i> section title to <i>See <b>also</b></i>	Style: Capitalization	S	→See Also	8,844	According to "Wikipedia:Manual of Style" section 2.2, only the first word of a section heading should be capitalized
Gary King	15-Sep	22:25	Renamed section <i>Incident</i> to <b>Murder</b>	Arrangement: Substitution/Style: Substitution	AS	rename sections	8,839	There's been debate about the word <i>murder</i> so this might be reverted
			Renamed section <i>Personal</i> to <i>Personal <b>life</b></i>	Arrangement: Addition/Style: Addition	AS			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.89.44.35	15-Sep	23:02	Unhid <b>Suspected perpetrator(s)</b> section and put in <b>Kanye West</b> . Made <i>Kanye West</i> a wikilink	Invention: Macrostructure addition/Delivery: Add link	ID		8,914	Suspect this is 9014user who vandalized with Kanye West before. Repeated requests to stop vandalism on this user's talk page. Finally user was blocked on 9/16 for a 24 hour period. (talk page, par. 6
			Added sentence to end of <b>Murder</b> section: <b>It is suspected that Kanye West killed her.</b>	Invention: Macrostructure addition/Delivery: Add link	ID			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed <i>suspect, who has defensive wounds and failed a polygraph test. A New Haven police spokesman, however, denied those reports and indicated that no suspects had yet been identified.</i> to <i>suspect, who si famous rapper, Kanye West.</i>            Made Kanye West a wikilink</p>	<p>Invention: Macrostructure substitution/Delivery: Link change</p>	ID			Probably meant to write <i>is</i> rather than <i>si</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Beside each mention of <i>Kanye West</i> put in reference: "Police: Student suspected in Yale killing". Reference appears 4 times at the end of article	Style: Format reference	S			
LovesMacs	15-Sep	23:04	Reverted vandalism to Gary King's last version	Invention: Macrostructure substitution/Style: Revert and hide/Delivery: Link changes	ISD	minor, Reverted 1 edit by 68.89.44.35 identified as vandalism to last revision by Gary King. using TW	8839	This is not minor. The summary of the article is changed when you change the suspect. Used Twinkle

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.89.44.35	15-Sep	23:11	Reverted to previous version with Kanye West info	Invention: Macrostructure substitution/Style: Revert, hide, format reference/Delivery: Link changes	ISD		8914	
68.89.44.35	15-Sep	23:15	Changed <i>si</i> to <b>is</b>	Style: Spelling	S	→Murder	8914	
71.205.61.244	15-Sep	23:19	Removed <i>Kanye West</i> from crime info box, leaving <b>Suspected perpetrator(s)</b> blank except for reference	Invention: Macrostructure deletion	I		8899	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			In intro, changed <i>It is suspected that <b>Kanye West</b> killed her.</i> to <i>It is suspected that <b>Raymond Clark</b> killed her.</i>	Invention: Macrostructure substitution/Delivery: Delete link	ID			
68.89.44.35	15-Sep	23:19	Added: <i><b>Kanye West, who was visiting the campus at Yale for a performance</b></i>	Invention: Microstructure addition	I	→Murder	8954	
68.89.44.35	15-Sep	23:20	Reverted edit by 71.205.61.244, putting back Kanye West info	Invention: Macrostructure substitution/Style: Revert/Delivery : Add link	ISD		8969	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
CardinalDan	15-Sep	23:20	Reverted previous 2 edits by 68.89.44.35	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete links	ISD	minor, Reverted 2 edits by 68.89.44.35 identified as vandalism to last revision by 71.205.61.244. using TW	8899	
68.89.44.35	15-Sep	23:21	Reverted to previous version with Kanye West info	Invention: Macrostructure substitution/Style: Revert/Delivery : Add link	ISD		8930	
CardinalDan	15-Sep	23:21	Removed <i>Kanye West</i> from info box.	Invention: Macrostructure deletion/Style: Revert/Delivery : Delete link	ISD	minor, Reverted 1 edit by 68.89.44.35 identified as vandalism to last revision by CardinalDan. using TW	8914	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>It is suspected that <b>Kanye West</b> killed her.</i> to <i>It is suspected that <b>Raymond Clark</b> killed her.</i>	Invention: Macrostructure substitution/Style: Revert/Delivery : Delete link				
			Deleted, <b>who was visiting the campus at Yale for a performance</b>	Invention: Microstructure deletion/Style: Revert	IS			Inadvertently left <i>Kanye West</i> as the suspect in the <b>Murder</b> section
98.154.114.190	15-Sep	23:25	Added sentence to end of article: <b>Kanye West is a stupid Nigger.</b>	Invention: Microstructure addition	I	→See also	8930	Seems like the same person (9014user and 68.89.44.35) has found a different computer. Someone from this IP address appears to have made some constructive changes in the past.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SaxTeacher	15-Sep	23:25	Corrected title of an article in reference: <b><i>Police: Student suspected in Yale killing to Clues point to an inside job in Yale killing</i></b>	Style: Format reference	S	correct name of article referred to	8914	Link pointed to the right article, but the name was wrong in list of references
CardinalDan	15-Sep	23:27	Removed sentence: <b>Kanye West is a stupid Nigger.</b>	Invention: Microstructure deletion/Style: Revert	IS	rvv	8844	
Dgolds	15-Sep	23:27	Changed <i>suspect, who is famous rapper, Kanye West</i> to <i>suspect, a Yale lab technician named Raymond Clark</i>	Invention: Macrostructure substitution	I		8890	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SaxTeacher	15-Sep	23:28	<p>Changed first sentence from:  <i>The murder of Annie Le occurred in September 2009, on the campus of Yale University in New Haven, Connecticut when Annie Le (July 18, 1985 – September 8, 2009), a 24-year-old American doctoral student at the Yale University School of Medicine Department of Pharmacology disappeared from a research building on the New Haven campus.</i>  <b>Annie Le (July 18, 1985 – September 8, 2009) was a 24-year-old American doctoral student at the</b></p>	<p>Style: Permutation/Delivery: Add links</p>	SD	<p>minor, reorganize first sentence to follow wiki format for biography pages</p>	8836	<p>This seems to be a good faith edit, but the user has not been following the talk page where it was decided to focus on the event, rather than the person. Also linked dates, which is against Wikipedia policy</p>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.89.44.35	15-Sep	23:30	Reverted to last version with info about Kanye West	Invention: Macrostructure substitution/Style: Revert/Delivery: Change links	ISD	Kanye killed her	8969	
Gary King	15-Sep	23:31	Reverted to version by SaxTeacher	Invention: Macrostructure substitution/Style: Revert/Delivery: Change links	ISD	minor, Reverted 1 edit by 68.89.44.35 identified as vandalism to last revision by SaxTeacher.	8836	
WWGB	15-Sep	23:32	Reverted first sentence change by SaxTeacher	Style: Revert and Permutation/Delivery: Delete links	SD	This is not a biography article, it is an article about a murder	8890	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Xoloz	15-Sep	23:40	Removed sentence: <b>It is suspected that Raymond Clark killed her.</b>	Invention: Macrostructure deletion/Style: Wikipedia Policy	IS	rm name of suspect -- not given in the source provided. Extreme care is needed as any suspect remains BLP protected, for obvious reasons.	8844	
SaxTeacher	15-Sep	23:59	Linked dates: <i>July 18, 1985, September 8, and 2009</i>	Delivery: Add links	D	minor, fix date format	8828	
Dabomb87	16-Sep	0:01	Formatted reference	Style: Format reference	S	fixes	8808	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Unlinked birth and death dates and added commas between date and year	Style: Wikipedia Policy and punctuation/Delivery: Delete links	SD			
			Formatted times by putting in spaces and making <i>am</i> and <i>pm</i> lowercase	Style: Format and capitalization	S			In accordance with Wikipedia policy: "Wikipedia: Manual of Style"
			Linked nationality in person info box <i>American</i> to <b>USA</b> article	Delivery: Add link	D			
			Changed <i>Le is</i> to <i>Le was</i>	Style: Grammar, conjugation	S			
			Changed <i>Prior to</i> to <b>Before</b>	Style: Substitution	S			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Unlinked <i>New York</i> state	Delivery: Delete link	D			
Jonathan.s.kt	16-Sep	0:05	Put periods in <b>a.m.</b> and <b>p.m.</b>	Style: Punctuation	S	minor, style	8813	Wikipedia says this can be done with or without punctuation
Cyanidethistles	16-Sep	1:09	Added wikilinks: <b>Connecticut</b> , <b>American</b> , and <b>California</b>	Delivery: Add links	D	minor	8871	Think this user went overboard with linking. Also the <i>American</i> link leads to a disambiguation page rather than an article. Left off a bracket when trying to link <i>Connecticut</i>
KSWarrior8	16-Sep	1:37	Fixed <i>Connecticut</i> wikilink	Delivery: Link fix	D		8872	
Superm401	16-Sep	1:47	Added reference	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	better source for him being a suspect	9208	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Superm401	16-Sep	1:48	Changed reference citation ews to <b>news</b>	Style: Spelling	S	silly typo	9208	
Okmur	16-Sep	2:31	Added categories: <b>American scientists and Murdered scientists</b>	Delivery: Add categories	D	she deserves these titles	9274	Article is still listed in both these categories
Superm401	16-Sep	2:59	Changed url on reference from an archive to the original	Style: Format reference/Delivery: Link change	SD	minor, original still up	9285	
MarmadukePercy	16-Sep	3:37	Added category: <b>University of Rochester alumni</b>	Delivery: Add category	D	→References: adding cat for U. of Rochester alumni - techically she	9329	Article is still listed in this category

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Woohookitty	16-Sep	3:53	Changed <i>American</i> link to go to <b>United States</b> article	Delivery: Link change	D	minor, Disambiguate <i>American</i> to United States using popups	9343	"Navigation popups is a script, written in JavaScript (source), that offers easy access to article previews and several Wikipedia functions in popup windows which appear when you hover the cursor over links" ("Wikipedia:Tools/Navigation popups").
Dismas	16-Sep	6:35	Changed <i>Annie</i> to <b>Le</b>	Style: Format	S	minor, →Personal life: wp:surname	9340	According to the manual of style, "After the initial mention of any name, the person should be referred to by surname only, without an honorific prefix" ("Wikipedia: Manual of Style (biographies)",
Dabomb87	16-Sep	8:21	Removed <i>American</i> link	Delivery: Delete link	D	overlinking	9,320	
68.45.132.233	16-Sep	8:56	Messed up info box code, so it appears in html	Style: Code	S		9,138	This was probably a mistake.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Removed reference	Invention: Microstructure deletion/Style: Format/Delivery: Delete link	ISD	Tag: references removed		
			Added next to <b>susperps:</b> <i>Raymond Clark III, 24, Middletwon, CT</i>	Invention: Macrostructure addition	I			This will probably be reverted.
68.45.132.233	16-Sep	8:57	Changed <i>Middletwon</i> to <b>Middletown</b>	Style: Spelling	S	Undid revision 314334175 by 68.45.132.233	9,138	Said previous revision was undone, but all that is changed is the spelling
68.45.132.233	16-Sep	8:58	Removed <b>Wikinews</b> link	Delivery: Delete link	D	Undid revision 314334318 by 68.45.132.233	9,060	
98.207.61.35	16-Sep	9:04	Fixed code to restore event infobox	Style/Delivery: info box	SD	Closed the info box braces	9,062	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.45.132.233	16-Sep	9:06	Added reference for suspect	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD		9,298	
			Added hyphen next to suspect's name in infobox	Style: Punctuation	S			Looks like a typo
74.92.45.201	16-Sep	10:20	Changed the <b>Suspected perpetrator(s)</b> category in the info box from <i>Raymond Clark III, Middletown, CT</i> to <b>No suspects at the moment but a "person of interest"</b>	Invention: Macrostructure substitution	I	Inaccurate because Raymond Clark has NOT been named a suspect by the police	9,312	
Cuchullain	16-Sep	10:31	Bolded <b>Annie Le</b>	Delivery: bold	D	cleanup	9,295	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>in that</i> to <b>inside the</b>	Style: Substitution	S			
			Changed <i>New Haven Police</i> to <b>the New Haven Police Department</b> and removed link	Style: Addition and grammar/Delivery: Delete link	SD			There is no <b>New Haven Police</b> page
			Added <b>the Connecticut State Police</b>	Style: Grammar	S			
			Removed <i>street building of Yale's Medical Campus</i>	Style: Deletion	S			Doesn't make sense. Sentence now ends with <i>in the Amistad.</i>
			Changed <i>technician named Raymond Clark</i> to <b>technicia</b>	Invention: Macrostructure deletion/Style: Spelling	IS	rm name per WP:BLP		<i>technicia</i> is probably a typo

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Made <i>mice</i> link directly to <b>mouse article</b>	Style/Delivery: Format link	SD			<i>Mice</i> link redirected to this page anyway

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>In <b>Personal</b> section, changed <i>Le was a Vietnamese American who spent her childhood with her aunt and uncle in Placerville, California.</i> to <b>Le was born in Placerville, California, to a Vietnamese American family. She spent her childhood with her aunt and uncle.</b></p>	Style: Permutation	S			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
76.115.0.37	16-Sep	10:55	Changed <i>technicia</i> to <b>technician</b>	Style: Spelling	S	→Murder	9,296	
Ytiugibma	16-Sep	12:03	Changed <i>around</i> to <b>about</b>	Style: Substitution	S	minor, →Murder	9,295	
Arcoins	16-Sep	14:23	Added <i>Strangulation</i> to <b>Cause of death</b> in person info box and made it a link	Invention: Microstructure addition/Delivery: Add link	ID	→Personal life	9,312	There is no mention of strangulation in the body of the article. No space between <i>Homicide</i> and <i>Strangulation</i>
Cuchullain	16-Sep	14:28	Reverted previous edit to remove <i>Strangulation</i> from <b>Cause of death</b>	Invention: Microstructure deletion/Style: Revert	IS	Reverted edits by Arcoins to last version by Ytiugibma	9,295	Don't know why this was done

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Peregrine Fisher	16-Sep	14:49	Added paragraph to end of <b>Murder</b> section: <i>Le was strangled. According to a spokesman for the Conneticut medical examiner said her death was due to "traumatic asphyxia due to neck compression".</i>	Invention: Microstructure addition	I		9,594	
			Added source for strangulation	Invention/Style/Delivery: Add reference	ISD	→Murder: strangled		

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Chrishomingtang	16-Sep	15:49	Added to end of <b>Murder</b> section. <i>On September 16, 2009, a 24 year old lab technician Raymond Clark was taken into custody after police obtained a warrant to search his home and to collect DNA sample. Clark was later released after complying to provide a sample. The police has said that they were unlikely to make any arrest until they have DNA evidence. An autopsy was done showing that Le was strangled.</i>	Invention: Macrostructure Addition		add	10,096	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added a copy of the strangulation reference to <b>Sources</b> section	Style/Delivery: Format reference	SD			
GG The Fly	16-Sep	16:01	Added <i>Raymond Clark III</i>	Style: Addition	S	→Murder	10,100	
Dabomb87	16-Sep	17:41	Unbolded second reference to <i>Annie Le</i>	Delivery: bold	D	minor, don't bold this	10,094	The bolding was done earlier by Cuchullain. Couldn't find anything about bolding in manual of style
Dillard421	16-Sep	17:42	Added <b>Current Event</b> tag: <i>This article documents a current event. Information may change rapidly as the event progresses.</i>	Style: Wikipedia Policy/Delivery	SD	added {{Current}} tag to denote that article contents may change rapidly as more information about subject is discovered	10,126	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Dillard421	16-Sep	17:48	Moved reference in <b>Suspect</b> section of crime infobox to after text	Style: Format reference	S	minor, fixed infobox formatting with citation at end	10,103	
Dabomb87	16-Sep	17:57	Moved disambiguation above <b>Nomination for deletion</b> tag	Style:Wikipedia Policy/Delivery	SD	WP: Layout	10,103	According to "Wikipedia: Layout" section 1, disambuation links should come before tags
Dillard421	16-Sep	18:03	Put in name of reference	Style: Format reference	S		9,992	
			Changed <i>Conneticut</i> to <b>Connecticut</b>	Style: Spelling	S	minor, clean up, typos fixed: Conneticut → Connecticut using AWB		Used AutoWikibrowser: "a semi-automated MediaWiki editor designed to make tedious, repetitive tasks quicker and easier" ("Wikipedia:AutoWikiBrowser par. 1).

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added space between <b>References</b> section and <b>Categories</b>	Delivery: Spacing	D			
Cuchullain	16-Sep	18:17	Removed <i>Raymond Clark III</i>	Invention: Macrostructure deletion/Style: Wikipedia Policy	IS	rm name per WP:BLP	9,971	
			Replaced <i>Clark</i> with <b>he</b>	Invention: Macrostructure substitution/Style: Substitution and Wikipedia policy	IS			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Dabomb87	16-Sep	20:49	Changed <i>collected DNA sample</i> to <i>collected DNA samples</i>	Style: Grammar, Subject/verb agreement	S	minor, c-e	9,961	Think c-e means copy-editing
			Changed <i>complying to provide</i> to <b>providing</b>	Style: Permutation	S			
130.132.136.37	16-Sep	21:41	Removed entire <b>Personal life</b> section and person infobox	Invention: Macrostructure deletion	I	→Personal life	7,023	This is a big change. Think it will be reverted or at least discussed
Antique Rose	16-Sep	21:43	Replaced <b>Personal life</b> section and person infobox	Invention: Macrostructure addition/Style: Revert	IS	minor, Reverted edits by 130.132.136.37 to last version by Dabomb87	9,961	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
24.91.173.106	16-Sep	21:58	<p>Added to sentence: <i>lab technician was taken into custody after police obtained a warrant to search his <b>home</b> and to collect DNA samples. He was <b>later</b> released</i></p> <p>Becomes: <i>lab technician <b>Raymond Clark</b> was taken into custody after police obtained a warrant to search his <b>apartment in Middletown CT,</b> to collect DNA samples. He was released <b>at around 3 in the morning</b></i></p>	Invention: Macrostructure addition		→Murder	10,015	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Chrishomingtang	16-Sep	22:19	Removed name <i>Raymond Clark</i>	Invention: Macrostructure deletion/Style: Wikipedia Policy	I	→Murder: name should be omitted per Wikipedia:Biographies of living persons	10,001	
Chrishomingtang	16-Sep	22:21	Added more white space to event info box	Delivery: white space	D	formatting: 10x whitespace (using Advisor.js)	9,990	Advisor.js is a script invented by Cameltrader to "[suggest] one-click fixes for repetitive mistakes while editing an article" ("User:Cameltrader").
YellowMonkey	16-Sep	23:48	Changed ethnicity in infobox from <i>Vietnamese American</i> to <b>Vietnamese</b> . Also changed wikilink	Invention: Microstructure deletion/Delivery: Link change	ID	→Personal life: eth is Viet	9,999	This was a debate earlier between 97.124.255.168 (who said <i>Vietnamese American</i> ) and 98.232.98.144 (who said it should just be <i>Vietnamese</i> )

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Opus 17	17-Sep	1:32	Changed <i>majored</i> to <b>graduated in 2007 with honors, with a major</b>	Invention: Microstructure addition/Style: Permutation	IS	→Personal life: missing her grad year	10,180	
			Added reference for Rochester info	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
Cuchullain	17-Sep	8:25	Changed ethnicity back to <b>Vietnamese American</b> and changed link back	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	minor	10,161	
			Changed link from <i>class valedictorian</i> to <b>valedictorian</b>	Style: Link format	S			Not delivery, because the link still goes to the same place

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Made <b>New York</b> a link	Delivery: Add link	D			
Tapalmer99	17-Sep	8:33	Added ( <b>pron: "Lay"</b> )	Invention: Microstructure Addition	I	pronunciation clarification	10,191	This was added by 97.124.255.168 at 22:42 on 9/14 and removed by WWGB on 9/15 at 7:01 after some debate about whether the pronunciation was "lay" or "leh"
			Added: <i>Amistad Street building</i>	Style: Addition	S	building designation-not to confuse w ship of same name		
170.202.22.1	17-Sep	8:49	Added: , <b>Raymond Clark</b>	Invention: Macrostructure Addition	I	→Murder	10,206	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
12.116.170.38	17-Sep	9:22	Added: <b>He was arrested on September 17, 2009 at 8:10 A.M. EST.</b>	Invention: Macrostructure addition	I	→Murder	10,357	Made it macrostructure because the arrest is a significant development. Maybe they'll let the name stay in now that there has been an official arrest. Everyone seems to know about it anyway.
			Added reference about arrest	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
12.116.170.38	17-Sep	9:23	Fixed typo in code: <i>fef</i> to <b>ref</b>	Style: Spelling	S	→Murder	10,357	This typo was only visible in the code. It didn't show up in the body of the article.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
208.12.121.254	17-Sep	9:57	Changed <b>Suspected perpetrator(s)</b> in info box from <i>No suspects at the moment but "a person of interest"</i> to <b>Raymond J. Clark</b>	Style: Format	S	Changed suspected perp from "No suspects at the moment but a person of interest" to "Raymond J. Clark".	10,307	This isn't invention, because it was already in the body of the article.
			Changed reference for <b>Suspected perpetrator(s)</b> section of info box	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	Also modified citation to point to CNN story documenting Mr. Clark's arrest.		
24.61.47.124	17-Sep	11:27	Removed <i>Unsolved murders</i> category	Delivery: Delete category	D	Removal of Category:Unsolved murders since case has been solved	10,277	Has the case officially been solved at this point? There is an arrest, but no conviction.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Nishkid64	17-Sep	11:30	Replaced <i>Unsolved murders</i> category	Style: Revert/Delivery : Add category	SD	Undid revision 314541838 by 24.61.47.124 ; arrest =/ murder solved.	10,307	This article is no longer listed in this category.
68.175.101.2	17-Sep	11:30	Changed <i>disappeared from</i> to <b>was last seen in</b>	Style: Substitution	S	she didn't "disappear"	10,307	
Bachcell	17-Sep	12:41	Added to <b>See Also</b> section: <i>Murder of Robert Eric Wone</i> Less well known unsolved murder / assault of Asian American male in DC. <i>Murder of Eric Wone</i> is a wikilink	Invention: Microstructure addition/Delivery: Add link	ID	→See also	10,411	Don't see how this is relevant. It is an unsolved murder of an Asian-American, but has no connection to this case.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.230.155.18	17-Sep	13:12	Made <i>Middletown, CT</i> a wikilink	Delivery: Add link	D	→Murder	10,439	
Abductive	17-Sep	13:55	Added sentence: <b>The case has generated frenetic media coverage, with a news producer trampled in the rush to a briefing.</b>	Invention: Microstructure addition	I	Adding "coverage of coverage" story	10,811	Don't think this belongs here
			Added reference for "coverage of coverage" story	Invention/Style /Delivery: Add reference	ISD			
Abductive	17-Sep	13:56	Changed <i>the rush</i> to <i>a rush</i>	Style: Substitution	S	Adding "coverage of coverage" story ce	10,807	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Bachcell	17-Sep	14:26	Added: <i>Suzanne Jovin senior at Yale University stabbed to death off campus</i>	Invention: Microstructure addition	I	→See also: details	10,861	
Bachcell	17-Sep	14:30	Added: <i>Christian Prince Yale student murdered in New Haven 1991</i>	Invention: Microstructure addition	I	→See also	10,901	
Abductive	17-Sep	15:12	Removed <b>Current event</b> tag	Style: Wikipedia policy/Delivery	SD	Current event tag is for a crazy pace of editing, not to inform people that it is a current event.	10,869	Couldn't find anything about this in Wikipedia policies



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	17-Sep	15:12	Moved paragraph about effect on the Yale community to the end of the <b>Murder</b> section	Arrangement: Permutation	A		10,678	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed:  <i>On September 16, 2009, Raymond Clark, a 24-year-old lab technician was taken into custody after police obtained a warrant to search his apartment in Middletown CT, to collect DNA samples. He was released at around 3 in the morning after providing a sample. The police has said that they were unlikely to make any arrest until they have DNA evidence. to</i> <b>On September 17, 2009, police arrested Raymond Clark, a 24-year-old lab technician who had been working in the building when Le disappeared. The previous</b></p>	<p>Invention:  Microstructure permutation</p>				

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>was done showing to revealed</i>	Style: Substitution	S			Changed sentence to active voice.
			Changed: <i>According to a spokesman for the Connecticut medical examiner <b>said</b> to According to a spokesman for the Connecticut medical examiner,</i>	Style: Grammar	S			
94.196.192.6 3	17-Sep	15:45	Added: <i>Yale <b>University</b> School of Medicine</i>	Style: Addition	S		10,667	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
NawlinWiki	17-Sep	15:54	Removed <b>Nomination for deletion</b> tag	Style: Wikipedia policy/Delivery	SD	closing, afd result was Keep	10,312	Nominated for deletion by CambridgeBayWeather at 00:23 on 9/14. Debate lasted 3 days
NawlinWiki	17-Sep	15:56	Changed <i>required Yale id <b>card</b></i> to <i>required Yale id <b>cards</b></i>	Style: Grammar	S		10,314	
			Changed <i>believe</i> to <b>believe</b>	Style: Grammar, conjugation	S	minor grammar edits		
128.36.203.230	17-Sep	16:03	Changed reference in <b>Suspected perpetrator(s)</b> section of event infobox	Invention: Microstructure substitution/Style: Format/Delivery: Link change	ISD		10,342	
Zjm569	17-Sep	16:06	made <i>Yale Daily News</i> a wikilink in <b>References</b> section	Delivery: Add link	D		10,346	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Zjm569	17-Sep	16:14	Changed reference in first paragraph	Invention: Microstructure substitution/Style: Format/Delivery: Link change	ISD		10,384	
Zjm569	17-Sep	16:15	Removed <i>Associated Press</i> wikilink from reference	Style: Format reference/Delivery: delete link	SD		10,364	
Zjm569	17-Sep	16:16	Removed <i>(presumed)</i> from <b>Location</b> section in crime infobox	Invention: Microstructure deletion	I		10,353	Are they now sure she was killed in the building?
Zjm569	17-Sep	16:20	Added space	Delivery: Spacing	D		10,722	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Added paragraph:  <b>However, on September 15, 2009, the Yale Daily News reported that the crime scene had not been secured, and that reporters had been able to access, not only the building, but also the basement where Annie Le's body was found, several days after she was reported missing.</b></p>	<p>Invention:  Microstructure addition</p>	I	→Murder		

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for this paragraph	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
75.57.224.240	17-Sep	19:15	Removed: <i>Murder of Robert Eric Wone Less well known unsolved murder / assault of Asian American male in DC</i>	Invention: Microstructure deletion/Delivery: Delete link	ID	Horrific but completely unrelated	10,618	Reverting change by Bachcell at 12:41
YellowMonkey	17-Sep	19:35	Removed ( <i>pronounced "Lay"</i> )	Invention: Microstructure deletion	I	rm stupid pronunciation	10,604	Pronunciation was added by Tapalmer at 8:33

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
68.45.132.233	17-Sep	20:42	Changed birthdate in body of article from <i>July 18</i> to <i>July 3</i>	Invention: Microstructure substitution	I		10,603	This has been changed many times. Don't know what the correct date is.
Justmeherenow	18-Sep	3:13	Changed <b>Attack type</b> in infobox from <i>Murder</i> to <b>Strangulation homicide</b>	Style: Format, substitution	S	infobox field: "strangulation homicide"	10,619	Strangulation info was already in the body of the article.
69.232.194.241	18-Sep	5:03	Changed <i>had been found previously</i> to <b>had previously been found</b>	Style: Permutation	S	→Murder	10,619	Was correct before. Now the verb is split, but it "sounds" better



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	18-Sep	8:37	Changed <i>School of Medicine Department of Pharmacology</i> to <i>School of Medicine's Department of Pharmacology</i>	Style: Grammar	S	cleanup	10,220	
			Added back reference that was removed by Zjm569	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
			Formatted reference	Style: Format reference	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added sentence: <b>On September 17, police arrested a suspect, a Yale lab technician who worked in the building.</b>	Arrangement: Addition	A			This info is further in the article. Moved it to intro
			Cited reference for this sentence	Style: References	S			Used a reference that was already listed
			Closed reference tag	Style: Format reference, code	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Deleted sentence: <i>MSNBC and other news networks reported on September 14 that police may have identified a suspect, a Yale lab technician.</i>	Invention: Microstructure deletion	I			Superceded by better info
			Deleted 2 sources for this sentence	Invention: Microstructure deletion/Style: Format/Delivery: Delete link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Removed sentence: <b>As such, police believed the homicide was not a random act.</b>	Invention: Microstructure deletion				Self-explanatory

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Removed paragraph:  <b>However, on September 15, 2009, the Yale Daily News reported that the crime scene had not been secured, and that reporters had been able to access, not only the building, but also the basement where Annie Le's body was found, several days after she was reported missing.</b></p>	<p>Invention:  Microstructure deletion</p>				

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed: <i>An autopsy revealed that Le was strangled. According to a spokesman for the Connecticut medical examiner, her to</i>  <b>These factors led police to treat the case as a homicide. This was confirmed by the Connecticut medical examiner's autopsy, which found that Le's</b></p>	Style: Permutation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Moved paragraph to below autopsy info: <b>On September 17, 2009, police arrested Raymond Clark, a 24-year-old lab technician who had been working in the building when Le disappeared. The previous day he had been taken into custody after police had obtained a warrant to collect DNA samples from him; he had been released after providing a sample.</b></p>	<p>Arrangement: Permutation</p>	<p>A</p>			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Formatted reference about mourning	Style: format reference	S			Forgot to close reference tag. This message is displayed in body of article: <b>Cite error: Closing &lt;/ref&gt; missing for &lt;ref&gt; tag.</b>
			Changed <i>composed</i> to <b>written</b>	Style: Substitution	S			
LovesMacs	18-Sep	9:28	Closed reference tag	Style: Format reference, code	S	minor, →Murder: ref tag	10,226	
Ruy Lopez	18-Sep	9:58	Added sentence: <b>PETA criticized this lab in January 2009 for killing animals, and for what PETA termed abusing animals.</b>	Invention: Microstructure addition	I	→Murder: Relevant for many reasons - lab was under a cloud for animal killing	10,438	Don't think this is relevant to the murder. She wasn't killed for abusing animals.



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for PETA info	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
128.231.212.77	18-Sep	11:51	Removed sentence: <b>PETA criticized this lab in January 2009 for killing animals, and for what PETA termed abusing animals.</b>	Invention: Microstructure deletion/Style: Revert	IS	removed the PETA criticism statement - PETA's allegations were about an entirely different lab at Yale, not the one Le worked in.	10,227	
			Removed reference for PETA info	Invention: Microstructure deletion/Style: Format/Delivery: Delete link	ISD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
TJ Spyke	18-Sep	12:32	Made <i>Placerville, California</i> one link instead of two in <b>birthplace</b> section of person infobox	Delivery: Link change	D	→Personal life: m	10,149	
			Formatted references	Style: Format reference	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
TJRC	18-Sep	13:36	Added <b>Media coverage</b> section: <b>In the wake of Le's disappearance and the discovery of her body, some commentators have suggested that the attention given by the media was disproportionate to that given to other murder victims. Slate contributor Jack Shafer opined that "Journalists almost everywhere observe this rough rule of thumb: Three murders at a Midwestern college equal one murder at Harvard or Yale."</b> [ The non-profit organization <a href="http://change.org">change.org</a> criticized the media for	Invention: Macrostructure addition/Arrangement: Add section/Style: Format/Delivery: Add links	IASD	Media coverage	12,129	There is no Wikipedia article for <i>Samantha Michelle Nance</i> , thus proving the point

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added three references for this new section	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
TJRC	18-Sep	13:37	Removed comma: <i>MariAn Gail Brown, argued</i>	Style: Punctuation	S	minor, →Media coverage: rm errant comma	12,127	
Cuchullain	18-Sep	14:54	Changed: <i>similar case of the murder of Samantha Michelle Nance</i> to <b>murder of a college student</b>	Invention: Microstructure deletion/Style: Permutation/Delivery: Delete link	ISD	minor, →Media coverage	11,959	Proves the point by removing student's name
			Italicized <i>Connecticut Post</i>	Delivery: Italics	D			Manual of style, section 5 says titles should be italicized

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed: <i>an "Ivy Leaguer. Translation: Someone who might earn beaucoup bucks. Someone who possesses sky's-the-limit potential. Vivacious and attractive, too."</i>  to a <b>Yale student</b></p>	Invention: Microstructure substitution	I			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
TJRC	18-Sep	15:15	Changed back: <i>a Yale student</i> to an " <b>Ivy Leaguer</b> . <b>Translation:</b> <b>Someone who might earn beaucoup bucks. Someone who possesses sky's-the-limit potential. Vivacious and attractive, too.</b> "	Invention: Microstructure substitution/Style: Revert	IS	→Media coverage: restore quote; paraphrase misses some of its import	12,093	
Writtenright	18-Sep	16:13	Added hyphen: <i>Vietnamese-American</i>	Style: Punctuation	S	minor, →Personal life: Hyphenate compound ethnic adjectives.	12,093	Couldn't find anything about this in manual of style

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
DartCenter	18-Sep	16:55	Added: <b>Dart Center for Journalism and Trauma Executive Director Bruce Shapiro pointed out that journalists had missed the context of the story as one of thousands of deaths from workplace violence.</b> Made <i>Dart Center for Journalism and Trauma</i> a wikilink	Invention: Microstructure addition/Delivery: add link	IS		12,507	Seems self-promoting

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for this sentence	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
Justmeherenow	18-Sep	17:42	Changed <i>Suspected perpetrator(s)</i> to <b>Suspected perpetrator</b>	Style: Grammar	S	rmv "-s"	12,506	Now know that there is only one perpetrator



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Suomi Finland 2009	18-Sep	17:51	Added sentences: <b>Le had not been raped. Some report that Clark text messaged her about an animal problem and may have strangled her during an argument.</b>	Invention: Microstructure addition	I	→Murder: possible argument	12,649	
Justmeheren ow	18-Sep	17:53	Removed <b>Citizenship</b> and <b>Known for</b> categories from bio infobox	Style: Deletion	S		12,815	
			Added <b>height</b> and <b>weight</b> categories to bio infobox	Invention: Microstructure addition	I			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for height and weight	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	height & weight (→ bio infobox)		
205.172.134.23	18-Sep	18:24	Added clause: , <b>the day she was to be married,</b>	Invention: Microstructure addition	I		12,847	
Cunard	18-Sep	18:42	Formatted references	Style: Format reference	S	minor, →Personal life: fixed references	12,852	
136.244.14.79	18-Sep	19:42	Added to intro: <b>Raymond J. Clark III</b>	Arrangement: Addition	A		13,103	
Znkp	19-Sep	4:57	Added <i>Due to <b>the</b> high security measures</i>	Style: Addition	S		13,107	Don't think this was necessary

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	19-Sep	9:47	Removed: <b>Le had not been raped. Some report that Clark text messaged her about an animal problem and may have strangled her during an argument.</b>	Invention: Microstructure deletion/Style: Revert, Wikipedia policy	IS	No unsourced negative material about living persons	12,964	
Nielpeterqm	19-Sep	10:21	Made <i>workplace violence</i> a wikilink	Delivery: Add link	D	minor, /* Media coverage Wikified workplace violence.	12,968	
71.235.87.26	19-Sep	13:20	Added to Suzanne Jovin info: <b>in 1998</b>	Invention: Microstructure addition	I	→See also	12,976	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Suomi Finland 2009	19-Sep	13:50	Added: <b>Murder of Gary Stein Yale student murdered in 1974</b> . Made <i>Murder of Gary Stein</i> a wikilink.	Invention: Microstructure addition/Delivery: Add link	ID	→See also: Gary Stein	13,033	<i>Murder of Gary Stein</i> is not currently a Wikipedia article. Maybe it was deleted.
Justmeherenow	19-Sep	13:58	Changed link from <i>Murder of Gary Stein</i> to <b>Gary Stein</b>	Delivery: Link change	D	→See also: blue wlink	13,023	Links to the wrong Gary Stein, a sportscaster
Justmeherenow	19-Sep	14:56	Removed <b>death cause</b> (homicide) from bio infobox	Style: deletion/Delivery: Delete link	SD	→Personal life: rmv redundancy	13,011	
Justmeherenow	19-Sep	14:57	Made wikilinks: <i>Strangulation</i> and <i>homicide</i>	Delivery: Add links	D	wlink	13,019	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Eliz81	19-Sep	15:10	Changed link from <i>Gary Stein</i> to <b>Yale University#Campus safety</b>	Delivery: Link change	D	minor, →See also: link fix	13,050	
Cuchullain	19-Sep	15:52	Changed article title from <i>Murder of Annie Le</i> to <b>Death of Annie Le</b>	Style/Delivery: Title change	SD	minor, moved <i>Murder of Annie Le</i> to <i>Death of Annie Le</i>	13,050	
Judo112	19-Sep	16:50	Changed title back from <i>Death of Annie Le</i> to <b>Murder of Annie Le</b>	Style: Revert/Delivery: Title change	SD	minor, moved <i>Death of Annie Le</i> to <i>Murder of Annie Le</i> over redirect: reach consensus on that before making move.	13,050	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Judo112	19-Sep	16:50	Moved comma from <i>In September 2009</i> , to <i>In September, 2009</i>	Style: Punctuation	S		13,050	Technically need a comma both places, but if one should go, it should be the way it was originally
Suomi Finland 2009	19-Sep	18:14	Changed article title from <i>Murder of Annie Le</i> to <b>Death of Annie Le</b>	Style: Revert/Delivery : Title change	SD	minor, moved Murder of Annie Le to Death of Annie Le over redirect: others mentioned on the talk page that murder only occurs after a conviction. Before that it is homicide or death	13,050	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Suomi Finland 2009	19-Sep	18:15	Changed <i>murder of Annie Le occurred in September, 2009</i> to <b>Death of Annie Le (and possible murder) occurred on September 8, 2009</b>	Style: Wikipedia policy, permutation	S	title change	13,073	(and possible murder) doesn't make sense. It makes it seem like she might not have been killed by someone when she obviously was
Judo112	19-Sep	18:18	Changed title from <i>Death of Annie Le</i> to <b>Homicide of Annie Le</b>	Style: Substitution/Delivery: Title change	SD	minor, moved Death of Annie Le to Homicide of Annie Le: then its homicide... you dont die in a inside a wall of yourself so to say	13,073	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Horologium	19-Sep	18:30	Protected article from changing title until dispute resolved	Style: Wikipedia policy	S	minor, Protected Homicide of Annie Le: Move warring ([move=sysop] (indefinite))	13,073	Debate on talk page about whether to call it <b>Death of Annie Le, Murder of Annie Le, or Homicide of Annie Le</b> . Started by Cunard at 2:53 on 9/21. Concerns for privacy of suspect and legal definition of <i>murder</i> and <i>homicide</i> . Finally decided on <b>Murder of Annie Le</b> ( <i>murder</i> in the common, rather than legal sense). RegentsPark made this official on 10/5 at 18:01 (talk, section 17).
Justmeherenow	19-Sep	21:13	Added <i>Annie Le murder case</i> to title of crime info box	Delivery: Title	D	"Annie"	13,079	This was done after a suggestion by Suomi Finland 2009 earlier this day. She said that "Le murder case" makes it look French Wikipedia. (talk page, section 15)



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Zipotur	19-Sep	22:11	Put in exact date of murder in crime info box: <b>Tuesday, September 8, 2009</b>	Style: Format	S		13,091	Info was already in the body of the article.
63.125.129.178	20-Sep	0:17	Changed <i>lab</i> to <b>building</b>	Style: Substitution	S	→Murder	13,096	This does change the meaning a little. <i>Lab</i> makes it seem like the same room rather than just the same building.
Justmeherenow	20-Sep	1:01	Changed section heading from <i>Murder</i> to <b>Homicide</b>	Arrangement: Section addition/Style: Substitution, format	AS	→Murder: --> "homicide"	13,100	See talk page for argument about <i>murder</i> vs. <i>homicide</i> vs. <i>death</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Damon Mah	20-Sep	11:18	Added death cause to bio infobox: <b>traumatic asphyxia due to neck compression</b>	Style: Addition	S	→Personal life: updated Infobox Person: added death cause	13,134	Already in body of article
			Made <i>Union Mine High School</i> a wikilink in bioinfobox	Delivery: Add link	D	wikified Union Mine High School		Already linked in body of article
Terence7	20-Sep	12:26	Changed first sentence from: <i><b>Death of Annie Le (and possible murder)</b></i> to <i><b>murder of Annie Le</b></i>	Style: Permutation	S	She obviously didn't commit suicide...	13,113	Getting rid of change made by Suomi Finland 2009, 18:15. This does change the meaning quite a bit.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Justmeherenow	20-Sep	13:50	Changed <i>murder</i> in first sentence to <i>homicide</i>	Style: Substitution	S		13,115	
24.38.160.239	20-Sep	17:36	Capitalized death cause in bio infobox: <b>Traumatic</b>	Style: Capitalization	S	→Personal life: Capitalization	13,115	Fits with the rest of the categories in the infoboxes. First word is always capitalized
Studio34	20-Sep	21:51	Removed <i>in September 8, 2009</i>	Style: Grammar	S	typo	13,112	
Uglyswearer	20-Sep	23:36	Added <b><i>The Cask of Amontillado</i> by Edgar Allan Poe</b> to the <b>See also</b> section. Made <i>The Cask of Amontillado</i> a wikilink	Invention: Microstructure addition/Delivery: Add link	ID	→See also	13,161	Vandalism

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Andrewlp1991	21-Sep	1:08	Removed <i>The Cask of Amontillado</i> by Edgar Allen Poe from the <b>See Also</b> section	Invention: Microstructure deletion/Style: Revert	IS	Reverted 1 edit by Uglysweater; How is this relevant?. (TW)	13,112	Used Twinkle
Cuchullain	21-Sep	8:29	Changed title of event info box from <b>Murder of Annie Le</b> to <b>Homicide of Annie Le</b>	Style: Substitution	S	minor, rm references to murder except quotes and direct statements about the case being treated as murder by police	13,121	Substituting <b>homicide</b> for <i>murder</i>
			Changed <i>was found murdered</i> to <i>was found dead</i>	Invention: Macrostructure substitution	I			Big difference between <i>murdered</i> and <i>dead</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed section heading from <i>Homicide</i> to <b>Disappearance and Death</b>	Invention: Macrostructure substitution/Arrangement: Addition	IA			
SNlyer12	21-Sep	13:58	Changed citation information for 5 references in introduction	Style: Format references	S		12,957	
SNlyer12	21-Sep	14:00	Added citation information for first reference	Style: Format references	S		13,028	
SNlyer12	21-Sep	14:03	Reformatted citation information for 17th reference	Style: Format references	S	→Personal life	12,976	
SNlyer12	21-Sep	14:04	Added citation information for 4th reference	Style: Format references	S		12,979	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SNlyer12	21-Sep	14:06	Added citation information for 14th and 16th references	Style: Format references	S	→Personal life	13,133	
SNlyer12	21-Sep	14:08	Added citation information for 11th reference	Style: Format references	S	→Personal life	13,320	
SNlyer12	21-Sep	14:09	Added period in 11th reference	Style: Format reference, punctuation	S	→Personal life	13,321	
SNlyer12	21-Sep	18:14	Made <i>Suzanne Jovin</i> link go directly to <b>Suzanne Jovin case</b>	Style/Delivery: Format link	S	→See also	13,326	Before, link redirected from <b>Suzanne Jovin</b> to <b>Suzanne Jovin case</b>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed <i>Gary Stein</i> link from <i>Yale University#Campus Safety</i> to <b>Yale University</b>	Delivery: Link change	D			Before, link went directly to campus security section of <b>Yale University</b> article in which Gary Stein is listed (section 3.2) Now it goes to the top of the article.
69.225.227.97	22-Sep	0:34	In bio infobox, changed <b>Occupation</b> from <i>Doctoral Student</i> to <b>MD/PhD (MD/PhD)</b> . Made links for <i>MD/PhD</i> , <i>MD</i> , and <i>PhD</i>	Invention: Microstructure substitution/Delivery: Add links	ID	→Personal life	13,657	Don't think separate links for <i>MD</i> and <i>PhD</i> were necessary
			Added reference for MD/PhD information	Style/Delivery: Add reference	SD			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Changed source of 12th reference from <i>Yale Daily News</i> to <i>Newsday</i>	Style: Format reference	S			No link to article, so I don't know which newspaper it actually appeared in
69.225.227.97	22-Sep	0:35	Changed source of 11th reference from <i>Yale Daily News</i> to <i>Newsday</i>	Style: Format reference	S		13,657	Previous change was a mistake. Inverted sources
			Changed source of 12th reference from <i>Newsday</i> back to <i>Yale Daily News</i>	Style: Revert/Format reference	S			
Damon Mah	22-Sep	0:39	In bio infobox, removed <i>Milpitas, California</i> from <b>Residence</b>	Invention: Microstructure deletion/Delivery: Delete link	ID	remove Milpitas, California as residence; unsourced/no evidence	13,625	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Uglyswearer	22-Sep	2:02	Deleted entire article	Invention: Macrostructure deletion/Arrangement: Deletion/Delivery: Delete links	IAD	← Blanked the page	0	Clear vandalism. Is this the same person who kept changing murderer to Kanye West?
ClueBot (robot)	22-Sep	2:02	Undid previous revision, adding back article	Invention: Macrostructure addition/Arrangement: Addition/Style: Revert/Delivery : Add links	IASD	Reverting possible vandalism by Uglyswearer to version by Damon Mah. False positive? Report it. Thanks, ClueBot. (773608) (Bot)	13,625	ClueBot has a page where people can report that the revision ClueBot reverted was not actually vandalism. ("User:ClueBot/FalsePositives", par. 1).
Uglyswearer	22-Sep	2:08	Removed <b>American scientists</b> and <b>Murdered scientists</b> categories	Delivery: Delete categories	D	minor, Wouldn't call her a scientist now...	13,559	Seems mean spirited. This has been reverted. Annie Le is in both these categories. <b>American scientists</b> includes living and dead people.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
98.248.33.198	22-Sep	2:10	Reverted previous change by Uglysweater	Style: Revert/Delivery : Add categories	SD	Undid revision 315452750 by Uglysweater	13,625	
SNlyer12	22-Sep	9:37	Separated first and last names of authors in references 21, 22, 23, 24	Style: Format references	S	→Media coverage	13,641	
SNlyer12	22-Sep	9:38	Separated first and last name of author in 25th reference	Style: Format references	S	→Media coverage	13,645	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Uglyswearer	22-Sep	12:15	Removed <b>Occupation</b> section from bio infobox	Invention: Microstructure deletion/Delivery: Delete links	ID	→Personal life: No valid source that says she's a combined degree student. It takes 2 years of med school before you can become a grad student. She may have had interest in MSTP when she died.	13,218	Don't know if this is true about MD/PhD degrees
Uglyswearer	22-Sep	12:16	Removed <b>American scientists</b> and <b>Murdered scientists</b> categories again	Style: Revert/Delivery : Delete categories	SD	Undid revision 315452921 by 98.248.33.198	13,152	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Uglyswearer	22-Sep	12:19	Removed <b>Unsolved murders</b> category	Delivery: Delete category	D	What's unsolved? We are still in the midst of things. We know who did it. Give it time. Want a motive? Hold your horses.	13,122	Suspect hasn't been tried at this time. Today (11/30) this article is not in the <b>Unsolved murders</b> category, but it may be put back between 9/22 and now.
Uglyswearer	22-Sep	12:20	Removed <b>Yale University alumni</b> category	Delivery: Delete category	D	never graduated	13,086	This was discussed earlier in section 3 of talk page. An <i>alumnus</i> or <i>alumna</i> is either a graduate or former student of a university. So she is an alum. She is now back in this category.
SNlyer12	22-Sep	12:36	Added citation information for 8th reference	Style: Format reference	S	→Disappearance and death	13,243	
SNlyer12	22-Sep	12:37	Added citation information for 1st reference	Style: Format reference	S		13,255	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SNlyer12	22-Sep	12:38	Deleted copy of 1st reference from source list	Style: Format reference	S	already referenced	13,041	
SNlyer12	22-Sep	12:39	Added citation information for 8th reference	Style: Format reference	S	→Disappearance and death	13,226	
98.248.33.198	22-Sep	13:47	Added back <b>American scientists</b> and <b>Murdered scientists</b> categories	Style: Revert/Delivery : Add categories	SD	Undid revision 315531314 by Uglysweater	13,292	The only revisions Uglysweater has made are to this article ("User contributions")

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Damon Mah	22-Sep	14:03	Added back <b>Yale University alumni</b> category	Style: Revert/Delivery : Add link	SD	added Category:Yale University alumni as Wikipedia does not require graduation for alumni: An alumnus is "a graduate (JC) or former student of a school, college, or university.	13,328	
Damon Mah	22-Sep	14:06	In <b>Education</b> section of bio infobox, changed ( <i>PhD Student</i> ) to ( <i>PhD student in Pharmacology</i> ). Made <i>Pharmacology</i> a wikilink	Invention: Microstructure addition/Style: capitalization/Delivery: Add link	ISD	→Personal life: added graduate major to Infobox	13,349	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
211.182.174.132	22-Sep	23:13	Changed <i>in Le's disappearance</i> to <b>as to Le's whereabouts</b>	Style: Permutation	S	→Disappearance and death	13,350	
Cuchullain	24-Sep	11:01	Added comma: <i>Raymond Clark, III,</i>	Style: Punctuation	S	minor	13,275	
140.139.35.250	24-Sep	12:26	Removed year from date of arrest: <i>September 17, 2009</i>	Style: Deletion	S	minor	13,269	Year is implied
140.139.35.250	24-Sep	12:31	Removed: <b>Before her graduate education at Yale,</b>	Style: Deletion	S	Removed unnecessary clause	13,230	
140.139.35.250	24-Sep	12:36	Removed <i>Suzanne Jovin case</i> from wikilink	Style: Format link	S	fix link	13,245	Link still goes to the right place

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
140.139.35.2 50	24-Sep	12:37	Changed <i>senior at Yale University</i> to <b>Yale senior</b>	Style: Permutation	S	minor	13,244	
Cuchullain	24-Sep	13:08	Removed comma: <i>On September 17,</i>	Style: Punctuation	S	minor	13,230	Think this could go either way grammatically
			Changed link back to <i>Suzanne Jovin case</i>	Style: Revert, addition	S			
			Changed <i>a Yale senior stabbed to death</i> to <b>involving the death of a Yale senior</b>	Invention: Microstructure permutation	I			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
92.229.76.21 0	24-Sep	16:44	Added mice f'n <i>Raymond "the loser" (his nickname at softball games)</i> <i>Clark</i>	Invention: Microstructure addition	I	→Disappearance and death	13,403	Vandalism
			Added sentence: <b>The evidence against Raymond "the loser" Clark are so overwhelming that police see no need to provide a motive for his killing</b>	Invention: Microstructure addition	I			Vandalism and grammatically incorrect. Will be deleted soon.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Location	24-Sep	17:03	Undid previous revision	Invention: Microstructure deletion/Style: Revert	IS	Undid revision 315990200 by 92.229.76.210	13,221	
Crawling Turtle	25-Sep	10:21	Added to top of bio infobox: <b>File:Annie Le.jpeg</b>	Invention: Microstructure addition/Delivery: Add Image	ID	→Personal life	13,234	Image no longer appears. Link may have worked at one time. Coding it as an image because it seems that at the time an image did appear.
Crawling Turtle	25-Sep	10:24	Removed image file from bio infobox	Invention: Microstructure deletion/Style: Revert/Delivery: Image	S	→Personal life	13,221	
Crawling Turtle	25-Sep	10:26	Removed images from top of crime infobox and replaced them with text: <b>File:Annie Le.jpeg</b>	Invention: Microstructure substitution	I		12,985	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Changed caption of crime infobox from <i>Images from missing person flier released by New Haven police. Right: 8 September 2009 surveillance image taken upon Le's entrance of research facility where she worked. Left: Undated and uncredited closeup of Le also on flier to Annie Le</i></p>	Invention: Microstructure substitution	I			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added back image file to bio infobox: <b>File:Annie Le.jpeg</b>	Invention: Microstructure addition/Style: Revert/Delivery : Add Image	ISD			Image still doesn't appear.
Crawling Turtle	25-Sep	10:26	Removed image file from crime infobox	Invention: Microstructure deletion/Style: Revert/Delivery : Delete Image	ISD	→Personal life	12,972	
Dominic Hardstaff	25-Sep	10:34	Replaced old image and caption to crime infobox. Image is linked	Invention: Microstructure substitution/Style: Revert/Delivery : Add image and link	ISD	Image at Commons looks set to be deleted as non-freely licensed/copyright violation; restoring older image.	13,221	Apparently, this image was once on some kind of Image Commons website, but was later deleted because it violated copyright laws.

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Crawling Turtle	25-Sep	11:14	Replaced image file, <b>Annie Le.jpeg</b> to top of bio infobox	Invention: Microstructure addition/Style: Revert/Delivery : Add Image	ISD	→Personal life	13,234	
LovesMacs	25-Sep	11:39	Made <i>DNA</i> a wikilink	Delivery: Add link	D	minor, →Disappearance and death: + DNA	13,238	
Cuchullain	25-Sep	13:13	Deleted image: <b>Annie Le.jpeg</b> from top of crime infobox	Invention: Microstructure deletion/Style: Revert, Wikipedia policy/Delivery: Delete image	ISD	Image is copyrighted; can't be used here	13,224	
212.59.34.198	25-Sep	14:50	Added back image: <b>Annie Le.jpeg</b> to top of crime infobox	Invention: Microstructure addition/Style: Revert/Delivery : Add Image	ISD	why is it copyright?	13,238	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	25-Sep	15:00	Deleted image: <b>Annie Le.jpeg</b> from top of crime infobox	Invention: Microstructure deletion/Style: Revert, Wikipedia policy/Delivery: Delete image	ISD	Look for yourself. It's from Reuters. The image is a copyright violation; please do not add it back in again.	13,224	
69.38.200.138	25-Sep	16:45	Added space at end of <b>Disappearance and Death</b> section	Delivery: Spacing	D		13,230	
			Added word, <i>test</i> , at end of <b>Disappearance and Death</b> section	Style: Addition	S	→Disappearance and death		This user appears to be testing how fast this will be caught and erased by Wikipedia editors.
Dominic Hardstaff	25-Sep	16:52	Undid previous revision	Style: Revert, deletion/Delivery: Spacing	SD	minor, Undid revision 316191285 by 69.38.200.138	13,224	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Bubbachuck	27-Sep	0:11	Divided media coverage into an introductory sentence and 2 subsections: <b>Arguments for inappropriate media coverage</b> and <b>Arguments for appropriate media coverage</b>	Arrangement: Addition/Style: Wikipedia Policy (bias), Format	AS	→Media coverage: made this less biased. Please expand	14,126	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Reworded first sentence from: <i>some commentators have suggested that the attention given by the media was disproportionate to that given to other murder victims.</i> to <b>there has been division as to whether the extensive media coverage was appropriate.</b></p>	Invention: Permutation/Style: Wikipedia policy	IS			



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Under <b>Arguments for inappropriate media coverage</b> reworded original first sentence to read: <i>Some commentators have suggested that the attention given by the media was <b>inappropriately disproportionate</b> to that given to other murder victims.</i>	Style: Permutation	S			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			<p>Added paragraph: <b>Others have argued that the nature of the crime and person has merited this media coverage. Washington City Paper blogger Ted Scheinman writes that "[newspapers] only put murders above the fold when they defeat expectations—sensationally or otherwise. As humans, we perk up when a story elicits a double-take, or forces us to reassess presuppositions that may have been bogus to begin with."</b></p> <p>Made <i>Washington City Paper</i> a wikilink</p>	<p>Invention: Microstructure addition/Delivery: Add link</p>	ID			

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
			Added reference for this added paragraph	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD			
TJRC	27-Sep	1:39	Removed subsection headers: <b>Arguments for inappropriate media coverage</b> and <b>Arguments for appropriate media coverage</b>	Arrangement: Consolidation	A	→Media coverage: Good re-org; subsection headers not appropriate for single-paragraph passages, however)	14,030	Couldn't find anything in the Manual of Style that says sections should be longer than a paragraph. Appears to be this users preference

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
Cuchullain	27-Sep	11:23	Removed paragraph: <b>Others have argued that the nature of the crime and person has merited this media coverage.</b> [[Washington City Paper]] blogger Ted Scheinman writes that "[newspapers] only put murders above the fold when they defeat expectations—sensationally or otherwise. As humans, we perk up when a story elicits a double-take, or forces us to reassess presuppositions that may have been bogus to begin with."	Invention: Microstructure deletion/Style: Wikipedia Policy	IS	neither a blog nor a local alt-weekly is a reliable source.	13,325	According to "Wikipedia:Reliable sources," "publications expressing views that are widely acknowledged as extremist, or promotional in nature, or which rely heavily on rumors and personal opinions" are questionable (Section 3.1). Self-published articles, like blogs, are also considered questionable (Section 3.2)

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
173.74.154.69	28-Sep	16:59	Made <i>Raymond Clark</i> a wikilink	Delivery: Add link	D	→Disappearance and death	13,329	This link currently leads to a disambiguation page. There is no Wikipedia article about this Raymond Clark The disambiguation page does mention this Raymond Clark as "a suspect arrested for the homicide of Annie Le" ("Raymond Clark" par. 1).
TJRC	28-Sep	17:29	Undid previous revision	Style: Revert/Delivery : Delete link	SD	Undid good-faith revision 316758142 by 173.74.154.69 (talk) link to dab page, whose applicable entry links back here	13,325	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
96.224.129.103	29-Sep	1:07	Added sentence: <b>Asian American organizations have posited that this might be another case of "Asian fetish" gone wrong.</b>	Invention: Microstructure addition		→Media coverage	13,429	This will probably be reverted. It is not cited and unclear. What does "Asian fetish" mean?

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
96.224.129.103	29-Sep	1:10	Reworded sentence from <i>Asian American organizations have posited that this might be another case of "Asian fetish" gone wrong. to <b>Following the arrest of Raymond Clark, several Asian American organization and particularly those in the blogosphere lend another perspective, suggesting that Le's murder might be a case of "Asian fetish" gone wrong, given Clark's background.</b></i>	Style: Permutation	S	→Media coverage	13,568	Expanded, but still not cited. Also a typo: <i>organization</i> instead of <i>organizations</i>

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
96.224.129.103	29-Sep	1:14	Added reference for added sentence	Invention: Microstructure addition/Style: Format/Delivery: Add link	ISD	→Media coverage	13,807	
96.224.129.103	29-Sep	1:16	Made <i>Asian fetish</i> a wikilink	Delivery: Add link	D	→Media coverage	13,811	
YellowMonkey	29-Sep	1:19	Undid last 4 revisions made by 96.224.129.103	Invention: Microstructure deletion/Style: Revert, format/Delivery: Delete links	ISD	→Media coverage: rm unimportant anonymous blog musings	13,325	



Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
96.224.129.103	29-Sep	1:22	Added <i>Asian Fetish</i> to <b>See also</b> section and made it a wikilink	Invention: Microstructure addition/Delivery: Add link	ID	→See also	13,344	This user clearly wants to keep the "Asian fetish" info in the article. But this link doesn't work even though the previous one in the body of the article did. This might be because <i>Fetish</i> is capitalized here when the article is lowercase
96.224.129.103	29-Sep	1:22	Changed <i>Fetish</i> to <b>fetish</b>	Style: Capitalization/Delivery: Link fix	SD	→See also	13,344	Link now works
YellowMonkey	29-Sep	1:28	Removed <i>Asian fetish</i> link from <b>See also</b> section	Invention: Microstructure deletion/Style: Revert/Delivery: Delete link	ISD	→See also: speculative, no proof of motive	13,325	

Editor	Date	Time	Changes	Coding Category	Abbreviation	Revision Summary	Bytes	My Comments
SNlyer12	30-Sep	7:30	Removed reference	Invention: Microstructure deletion/Style: Format/Delivery: Delete link	ISD	Link is dead	13,046	
Cuchullain	30-Sep	10:55	Replaced reference that was deleted by <i>SNlyer12</i>	Invention: Microstructure addition/Style: Revert, format/Delivery: Add link	ISD	It may need to be archived or linked elsewhere, but the access date is there.	13,325	

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