

International Journal for Educational Integrity

# Staff attitudes to dealing with plagiarism issues: Perspectives from one Australian university.

Geoffrey T. Crisp
Centre for Learning and Professional Development
University of Adelaide. Adelaide. South Australia

**Keywords**: *Turnitin*, staff survey, assessment practices

#### **Abstract**

This paper reports on the results of an online staff survey at one Australian university on attitudes to plagiarism issues, the use and efficacy of the institutional plagiarism policy and *Turnitin* system and staff perceptions of institutional resources that were available to assist both staff and students reduce the incidence of plagiarism. The survey was designed to capture staff perceptions, rather than verifiable activity or plagiarism detection outcomes. The survey responses highlighted the need for a common understanding of plagiarism and approaches to the detection and dealing with suspected plagiarism incidents. The responses also signalled a requirement for improved assessment practices that reduce the opportunity for plagiarism. Staff responses indicated that there was a need to publicise more effectively existing University resources for avoiding plagiarism; only a minority of survey respondents were aware of these resources. The majority of staff perceived that the institutional policies and practices were adequate for dealing with suspected plagiarism incidents.

#### Introduction

Academic integrity, plagiarism, cheating and collusion are all issues that have been highlighted recently in the higher education literature, as well as in the popular press (Carroll, 2002; CAI, 2005). There has been something of a polarisation of opinion in staff at universities between those who regard plagiarism as an 'educational and training' issue, and those who regard it as an 'honesty and reputation' issue. For many staff, acts of plagiarism are interpreted as 'attacks' on the core tenet of 'academic integrity' and the core beliefs underpinning higher education epistemology. For other, acts of plagiarism are more often the result of a lack of practice in performing 'evidence based writing', a lack of appropriate feedback on 'discipline conventions' or a misunderstanding of assessment criteria. Most universities in Australia now require staff to provide specific warnings to students (especially those commencing higher education for the first time) about plagiarism, the mechanisms in place for the detection of plagiarism, and the consequences for students who have been found 'guilty' of plagiarism (Phillips, 2005).

Why students engage in behaviour that is deemed to be plagiarism is complex and has been discussed by numerous authors, including Park (2003), Marsden, Carroll and Neill (2005), Carroll and Appleton (2001) and McGowan (2005). Staff responses to preventing and detecting plagiarism will necessarily be dependent on a number of factors, including the policy structures that exist in their particular institution, the cultural and linguistic diversity in their student population, the types of assessment tasks that are set for students and the level of resources that can be applied to prevention and detection.

One of the popular software applications used for detecting and preventing plagiarism is the commercial product *Turnitin* (<a href="http://www.turnitin.com">http://www.turnitin.com</a>). Although the *Turnitin* 

The International Journal for Educational Integrity is available online at: http://www.ojs.unisa.edu.au/journals/index.php/IJEI/



system is often described as 'anti-plagiarism software', it neither detects nor prevents plagiarism *per se*, rather it produces 'originality reports' in which written text submitted to the *Turnitin* system is compared to existing written text in the *Turnitin* database, as well as cached material from the Internet and a selection of publishers' texts and journals (Frazer, Allan & Roberts, 2004). Whether written text contains plagiarised material is a judgement made by the teacher. Nevertheless, tools such as *Turnitin* may be helpful in allowing teachers to construct formative assessment activities that may improve evidence based writing (Sutherland-Smith & Carr, 2005) and does allow ready identification of the source of duplicate text in some cases.

## Background on staff attitudes to plagiarism issues

East (2006) has posited that university staff do not necessarily question the prevailing 'western' academic culture and its 'handling of text and the ideas of others'. Much of the current debate about academic integrity rests on particular views on 'who owns the words' and all students in Australian universities are usually expected to adopt the prevailing 'western' cultural view when submitting written work of their synthesis of the thoughts of others and themselves in the form of a summative assessment task. McGowan (2005) has put the case for a deeper appreciation of the complexity of the statement 'using your own words', especially in the context of international students for whom English is an additional language. Many such students commence their university studies with a limited appreciation of English grammar and a limited vocabulary range.

The 'i-Map' approach reported by Walden and Peacock (2006) illustrated how staff may initiate changes to assessment practices that could reduce the incidence of plagiarism and the motivation for students to plagiarise. This pedagogical approach reinforces proposals by a number of scholars that concentrating solely on plagiarism detection via technical means will not necessarily develop students' skills in areas that will be valued by employers (Carroll, 2005). Universities appear to be concentrating on creating coherent programs for dealing with plagiarism issues; programs that will assist both staff and students achieve a common understanding of why 'evidence based writing' is valued and how it can be developed (Frazer et al., 2004).

Dordoy (2002) reported on the student and staff survey conducted at Northumbria University in the UK, and highlighted the result that the ready availability of suitable content on the Internet was one of the reasons for student plagiarism. Pickard (2006) highlighted that institutions should provide more explicit definitions of plagiarism and be promoting the concept of 'academic integrity' with students in a systematic manner. Mainka, Raeburn and Earl (2006) have reported on the outcomes from the introduction of a coherent program for dealing with plagiarism issues in one UK University. This particular study highlighted the need to cultivate a more consistent understanding among staff and students of what constitutes plagiarism and of the practices associated with dealing with incidences of suspected plagiarism. Pickard (2006) echoed this recommendation in reporting on the results for the staff and student survey at University College Northampton. Sutherland-Smith and Carr (2005) also reported on a site-specific case study that investigated the perspectives of seven teachers across five faculties at a UK University about the effectiveness and usability of the Turnitin system. Staff indicated that the use of Turnitin certainly assisted in detecting text matches from other sources in students' written work, but the software itself did not indicate whether plagiarism had occurred; that remained the decision of the staff concerned.

This paper reports on the results of a staff survey at the University of Adelaide on attitudes to plagiarism issues, the use and efficacy of the institutional plagiarism policy, and staff perceptions of institutional resources that were available to assist both staff and students reduce or eliminate plagiarism.

# Methodology

This university was chosen for the study because it had recently revised the institutional plagiarism policy, had been using the *Turnitin* system for the previous two years, and had completed a series of staff seminars to raise awareness of the relationship between assessment practices and the likely level of plagiarism incidents. The University of Adelaide has an approximately 20% international student population, the majority of the teaching is conducted in a face to face mode and the majority of students are recent school leavers.

An online survey of staff registered in our *Turnitin* system was conducted. This group was selected as it was assumed that they were actively engaged in detecting and reflecting on suspected plagiarism incidents since they had used 'originality reports' generated from Turnitin. At our institution, staff request access to Turnitin and an account is created for them. Individual staff decide how the Turnitin 'originality reports' will be used in their particular course(s). Minimal direct training in the use of *Turnitin* was provided, although an extensive set of online resources was available, as were individual consultations with academic developers with experience in evidence-based writing and the University plagiarism policy. One of the aims of this study was to determine if the use of *Turnitin* 'originality reports' had any impact on staff approaches to dealing with plagiarism issues. In terms of this study, it must be acknowledged that some staff would deal with plagiarism detection through means other than the use of Turnitin, but no data was collected in relation to alternative methods. The author is involved in academic development and played a significant role in the implementation of the *Turnitin* system and the development of the institutional plagiarism policy. The goals for this survey were to obtain feedback on how staff used Turnitin, whether this use of Turnitin had any impact on staff assessment practices, and whether staff perceived that Turnitin had any impact on the standard of students' written work. The survey questions are included as an Appendix to this paper.

## Results and discussion

A total of 144 staff were contacted by email and invited to fill in the online survey consisting of 19 questions. We received 39 valid responses (27%) and Table 1 summarises the demographic characteristics of the respondents.

Table 1. Characteristics of respondents to the staff online survey on plagiarism issues and use (n = 39)

Appointment	%	Staff Level	%	Broad discipline	%	%*
Full-time Tenured	46	Senior Lecturer or above	33	Physical or Health Sciences	33	23.5
Part time Tenured	3	Lecturer, Assoc. Lecturer	28	Humanities and Arts	21	21.7
Full-time contract	23	Tutor, Demonstra- tor	21	Engineering, Maths or Computer Sciences	15	33.5
Part-time contract	8	Professional or General	18	Professional Practice	8	4.5
Casual	18			Academic Skills and Language Support Programs	23	16.5
Other	3			* submissions in Turnitin® 2004	-2006	•

Full-time staff represented 69% of the respondents to the survey, with 82% being classified as academic staff (including sessional tutors and demonstrators) and 18% professional or administrative staff (Table 1). The majority of the survey respondents came from the Humanities, Health and Science disciplines, followed by the academic development and language support areas. Table 1 also summarises the number of submissions of students' work in the University *Turnitin* system for the period 2004-2006 from these same broad discipline areas. This data was collected to compare the spread of discipline use of *Turnitin* with the discipline representation of staff

respondents in the survey, and the data reported in Table 1 indicated that the match was reasonable.

Table 2 summarises the responses to Questions 5, 6, 9 and 10 of the survey (see the Appendix for the full questions). Questions 5 and 6 were to be answered only by those who had used the University *Turnitin* system (82% of the survey respondents), whereas Questions 9 and 10 could be answered by all participants in the survey.

Table 2. Staff responses to survey questions 5, 6, 9 and 10 (n=39)

Q5. Improved assessment practices?	1	Q6. Quality of student work?	lent work?  students to University plagiarism prevention course?  to CLPD plagia site?		Q10. Directed stud to CLPD plagiarism site?		
Made no difference	23%	Made no difference	31%	Yes	36%	Yes	59%
Somewhat improved	33%	Somewhat improved	31%	No, I have never heard of this course	41%	No, I did not know CLPD provided these resources	31%
Significantly improved	21%	Significantly improved	15%	No, I do not think this course Is use- ful	8%	No, I did not think the resources were appropriate	0%
Somewhat worsened	0%	Somewhat worsened	0%	No, I don't use MyUni	5%	I have never heard of CLPD	0%
Significantly worsened	0%	Significantly worsened	0%	No response	10%	No response	10%
No Response	23%	No response	23%				

For Question 5, 23% of respondents indicated that the use of *Turnitin* made no difference to their assessment practices, whereas 21% indicated that the use of *Turnitin* led to a significant improvement. A total of 54% of survey respondents indicated that the use of *Turnitin* led to a positive improvement in their assessment practices, whereas none of the respondents indicated that the use of *Turnitin* had worsened their assessment practices. In terms of the appointment level of staff, those at Lecturer Level C and above were divided equally between those who indicated that the use of *Turnitin* afforded no difference and those who indicated it led to a positive improvement; staff at Levels A and B indicated mostly a positive improvement. The absolute numbers for the remaining staff categories were too small to make meaningful comparisons.

For Question 6, 46% of respondents indicated that the use of *Turnitin* afforded some positive difference to the quality of student work, but 31% thought that no difference was observable. There was no strong correlation between the appointment level of respondents and their responses to Question 6..

The University has a number of online resources on plagiarism prevention for both staff and students. In particular, the Blackboard Learning Management system (called MyUni at our institution), has a course 'Writing and Speaking at University' that is automatically available to all students. This course provides resources that assist students with essay writing and oral presentation techniques, examples of writing methods that reduce plagiarism, as well as techniques for thesis writing. The course provides numerous online interactive quizzes, including a number of discipline specific sections. Only 36% of the survey respondents directed students to this course, whereas 41% were not aware that it existed, despite the fact that the course had been available for three years and was highlighted in general and program specific student information packs (Table 2). Additionally, the course appears automatically on the

front page for all staff and students when they log into the University Blackboard Learning Management system.

The staff and student development unit (CLPD at our institution) also has a number of plagiarism prevention resources available for both staff and students. 59% of respondents directed their students to these CLPD resources, whereas 31% were not aware that these resources were available. Since staff requests for access to the *Turnitin* system, and the instruction manuals on how to use the software were available through the CLPD, it was likely that staff should be more familiar with these plagiarism prevention resources. Of the 14 respondents who indicated they had directed students to the MyUni plagiarism prevention course, 13 also directed their students to appropriate CLPD resources. Of the 17 respondents who were not aware of the Blackboard plagiarism prevention course, seven also directed their students to the appropriate CLPD resources, but 10 were not aware of these additional resources. Table 3 presents responses from the survey about the processes staff used to minimise plagiarism.

Table 3. Responses to Question 13 'What techniques do you use to minimise plagiarism? (tick all that apply)'

Technique	%
Signed statement on assessment cover sheet	87
Explicit statement in course handout or information booklet	79
Assessment tasks that have specific marks associated with appropriate referencing and citations	74
By using Turnitin to detect plagiarism	64
By providing explicit guidelines for students on the requirements for evidence-based writing	59
By allowing students to submit formative assessments and providing specific feedback on referencing and citations	44
Marking criteria on assessment cover sheet	41
Assessment tasks are set in such a way that students are not able to plagia- rise to answer the question	38

The most frequently used technique was the requirement for a signed cover sheet (87%), followed by explicit statements about plagiarism detection in information booklets (79%).

These two approaches to plagiarism prevention are aligned strongly with the institutional 'Policy on Plagiarism' (Policy, 2007), which emphasises that students need to be provided with appropriate information, and that there are severe consequences for students who do not abide by the rules. The first mechanisms, although important, are more punitive than educative, as they rely on the student signature to provide 'proof' that they have understood the expectations and conventions applying to 'appropriate' referencing and the acknowledgement of the work of others. Only 41% of staff indicated that they used an assessment cover sheet containing assessment criteria; however, 74% of respondents used assessment tasks that rewarded appropriate referencing. This latter mechanism indicates a more pedagogic approach to reducing plagiarism in that it provides a positive incentive by rewarding behaviour that is considered important. It is interesting to note that only 64% of the respondents to Question 13 indicated that *Turnitin* was used to minimise plagiarism, although earlier in the survey in response to Question 4 which asked if respondents had used the *Turnitin* system, 82% indicated that they had used it. The difference in responses to these two questions may simply highlight that some staff have used the *Turnitin* system but did not feel it reduced plagiarism. Only 38% design the ability to plagiarise out of the assessment, although this has been discussed in the literature as a key factor in reducing plagiarism (Carroll, 2005).

Table 4 summarises the staff responses to Questions 8, 11, 12, 14-18; these questions relate to staff experience with current practices and policies associated with plagiarism detection and prevention.

Table 4. Responses to the survey Questions 7, 8, 11, 12, 14-18

Question	Yes %	No %	NR %
Q7. Do you allow students to use Turnitin for self-checking of written work?	28	51	20
Q8. Do you find the Turnitin originality reports useful?	72	8	20
Q11. Do you think staff training sessions are required in how to assist students avoid plagiarism?	56	38	5
Q12. Do you regard the level of plagiarism at the University of Adelaide to be a serious issue?	49	46	5
Q14. Do you feel that your School or Discipline has appropriate strategies in place to assist students to avoid plagiarism?	74	23	2
Q15. Do you feel that the University of Adelaide has appropriate strategies in place to assist students to avoid plagiarism?	67	26	7
Q16. When you set assessment tasks do you provide a marking scheme that explicitly assigns marks for appropriate referencing or citations?	77	21	2
Q17. Do you feel that your students understand what plagiarism is?	67	28	5
Q18. Do you think the University of Adelaide Policy on Plagiarism is adequate to deal with the majority of suspected plagiarism incidents?#	72	13	2

## NR no response

Of all the respondents to the survey, only 28% allowed students to use *Turnitin* to check their work for correct referencing and acknowledgements before submitting it for summative assessment. This is interesting, since this activity could be used as a powerful teaching tool as students could practice paraphrasing and referencing in a formative mode before having their work summatively assessed and subjected to the conditions of the University's 'Policy on Plagiarism'. Informal conversations with teaching staff about this use of the *Turnitin* system indicated that staff assumed that students would use the opportunity to copy work from another source and make iterative changes until the *Turnitin* system indicated that the work was 'original'. Analysing the distribution of responses to this question further showed that of the respondents who indicated that the use of *Turnitin* made no difference to the quality of student work, only 17% allowed students to check their written work before summative assessment, whereas 83% did not. Interestingly, of the respondents who

<sup>&</sup>lt;sup>#</sup> Additional option was: I am not familiar with the University of Adelaide Policy on Plagiarism 13%

indicated that the use of *Turnitin* made a positive difference to the quality of student work, 44% allowed students to check their written work before summative assessment, and 56% did not.

Significantly, 72% found that the *Turnitin* originality reports were useful, with 56% indicating that staff training was required in how to reduce student plagiarism. Respondents were equally divided on the question about how serious the level of plagiarism was at the University. Mainka et al. (2006), in their study at a UK university, highlighted the need to cultivate a more consistent understanding of what constitutes plagiarism, and we are aware at our University that staff can have significantly different definitions of what constitutes 'serious plagiarism'. Academic staff at the Senior Lecturer and above tended to regard the level of plagiarism as a more serious issue compared to academic staff at other levels. Interestingly, the overall responses from the quantitative and qualitative discipline areas were equally divided on this issue. Overall, the responses indicated that staff felt that both their discipline area and the University had appropriate strategies in place for assisting students to avoid plagiarism, and that students had an understanding of what plagiarism meant.

A number of the Yes/No survey questions offered respondents the opportunity to make open-ended comments. These responses have been organised into specific themes and summarised in Table 5. The themes were determined by reading all the responses for a particular question, and defining the key issues contained in the comments. Table 5 has been divided into the themes highlighted by those respondents who answered either Yes or No to the original question, with the actual number of respondents (n) providing an indication of the level of consensus.

Table 5. Survey responses to the open-ended section of Yes/No questions

Responses from participants who indicated 'Yes' to a particular question	n	Responses from participants who I ndicated 'No' to a particular question	n
Q8. Do you find the Turnitin originality reports u	seful?		<b> </b>
Quick visual check on potential problems	7	Time pressure	1
Confirmed source to confront student	3	Too difficult to use	1
Good discussion starter with students	9		
Good for analysing group work	1		
Report can be misleading	2		
Not applicable to my discipline	1		
Not pick up all plagiarism	4		
Q11. Do you think staff training sessions are re	quired	in how to assist students avoid plagiarism?	
Most training is too general	2	Obvious what is required	4
Need a common understanding of plagiarism	8	Already done at discipline level	1
Training in University policies	1		
What Turnitin actually checks against	1		
Need to understand student learning	2		
Cultural issues	3		

Table 5. Continued

Easy for students to plagiarise	6	No personal experience of plagiarism	8
Easy to get away with it	1	Often unintentional, lack of understanding	4
Personal experience of plagiarism	3		
Reputation of institution is at stake	4		
Students do not develop skills if they plagia- rise	2		
Moral issue	1		
Q14. Do you feel that your School or Discipline avoid plagiarism?	has a	appropriate strategies in place to assist studen	ts to
Use of formative assessment tasks	4	Staff lack experience in detecting plagia-	4
Clear warnings to students	7	Let it go	1
Resources provided to students	8	No unified approach	1
Discuss in class	2	Need better assessment practices	3
Good assessment practices	1	Need better resources for students	1
Q15. Do you feel that the University of Adelaid avoid plagiarism?	e has	appropriate strategies in place to assist studer	nts to
Not relevant to my discipline	1	Not well publicised	1
Policies and software good	9	Token effort	1
		Not cater for international students	1
	+	Educational side not catered for well	2
		Educational side not cateled for well	

For those respondents who thought *Turnitin* originality reports were useful (Q8), the major themes highlighted were the ability of the system to provide a quick visual check on likely problems, the fact that the use of plagiarism detection software provided an opportunity to engage students in a dialogue about plagiarism issues, and the realisation that plagiarism detection software does not necessarily detect all instances of inappropriate referencing, poor paraphrasing or inadequate acknowledgements. From the open-ended comments it is apparent that some staff are using the *Turnitin* system as an educational tool to allow students to develop their skills in paraphrasing and evidence based writing. Although plagiarism detection software may be used as a punitive tool, it is much more powerful if it is used as an educational opportunity.

The most common comment in relation to staff training in plagiarism issues (Q11) was a reinforcement of the need for a common understanding of what constitutes plagiarism; this is consistent with the findings of Mainka et al. (2006). Informal discussions with staff have highlighted some significant differences in definitions of what constitutes 'commonly accepted knowledge' or disciplinary 'common phrases' which may be used without specific referencing or acknowledgement. Some staff appreciated that cultural issues also needed to be discussed more explicitly when dealing with plagiarism prevention, and some staff indicated that it was fairly obvious what was required to reduce student plagiarism and that staff training was not necessary.

Some staff thought that the level of plagiarism at the University was a significant issue (Q12) because of their personal experience and the fact that it is 'apparently' relatively easy for students to copy or cheat. On the other hand, an equal number of staff had

no personal experience of widespread plagiarism, and thought that most plagiarism was unintentional or resulted from a lack of experience or practice in evidence based writing.

At the discipline or school level (Q14), staff thought that adequate resources and warnings were available to assist students in avoiding plagiarism, although a smaller number felt that staff still lacked experience in being able to detect some forms of plagiarism. Staff were divided on whether local assessment practices were adequate to prevent or inhibit plagiarism. At the University level, the majority of staff who entered open-ended comments to Question 15 felt that the policies and software system were adequate in assisting students to avoid plagiarism. Those who felt that the University strategies were not adequate were divided in their reasons, including that it appeared to be a token effort, was too complicated, or did not cater for international students or did not emphasise the educational approach sufficiently.

Quite a few staff commented that students did not understand what plagiarism was (Q17), especially international students, although only 28% of respondents indicated 'No' to the original question. Staff commented that more effort could be expended at the course level to discuss evidence based writing and acceptable standards of referencing and acknowledgement. Only 13% of respondents answered 'No' to Question 18, and the only open-ended comments came from these respondents.

#### **Conclusions**

The survey was designed to capture staff perceptions, rather than verifiable activity or plagiarism detection outcomes. About half of the survey respondents perceived that the use of *Turnitin* was beneficial to improving their assessment practices and students' written work, but only a minority were making effective use of institutional resources for plagiarism minimisation. This finding indicates that there is a need to publicise more effectively existing University resources for avoiding plagiarism. The use of *Turnitin* by students during formative assessment activities is not currently promoted by teaching staff, yet this approach to developing students' skills in evidence-based writing is likely to reduce the incidence of plagiarism by allowing students to practice paraphrasing and acknowledging the works of others and gathering feedback on their efforts through *Turnitin* originality reports.

The majority of staff perceived that the institutional policies and practices were adequate for dealing with suspected plagiarism incidents. However, staff training in the effective use of *Turnitin* and appropriate assessment practices, and a more common understanding of what constitutes plagiarism were all issues highlighted by staff.

# **Author biography**

Professor Geoffrey Crisp is the Director of the Centre for Learning and Professional Development at the University of Adelaide, with responsibility for a wide range of staff and student academic development programs. He is a current Associate Fellow of the Carrick Institute and a HERDSA Fellow. Current research activity includes online assessment, higher education policy development and organisational and staff development.

#### References

Carroll, J. (2002). *A handbook for deterring plagiarism in higher education*. Oxford: Oxford Centre for Staff and Learning Development: Oxford Brookes University.

Carroll, J. & Appleton, J. (2001). Plagiarism: A Good Practice Guide. Retrieved 20 May 2007 from http://www.jisc.ac.uk/uploaded documents/brookes.pdf

Carroll, J. (2005). Deterring, detecting and dealing with student plagiarism. Joint Information Systems Committee. JISC Briefing paper. Retrieved 20 May 2007 from <a href="http://www.jisc.ac.uk/index.cfm?name=pub\_plagiarism">http://www.jisc.ac.uk/index.cfm?name=pub\_plagiarism</a>

- CAI Center for Academic Integrity (2005). Retrieved 20 May 2007 from <a href="http://www.academicintegrity.org/">http://www.academicintegrity.org/</a>
- Dordoy, A. (2002). Cheating and Plagiarism: Staff and Student Perceptions at Northumbria.
  - Proceedings of the Northumbria Conference, July 2002.
- East, J. (2006). The problem of plagiarism in academic culture. *International Journal for Educational Integrity*, *2*(2), 113-125. Retrieved 20 May 2007 from http://www.ojs.unisa.edu.au/journals/index.php/IJEI/article/view/88/71
- Frazer, J., Allan, G. & Roberts, R. (2004). *Implementing Turnitin/Originality Verification software at RMIT University in the context of Academic Integrity*. http://www.rmit.edu.au/academicintegrity
- Mainka C., Raeburn, S. & Earl, S. (2006). A UK institution's university-wide approach to plagiarism: First results and recommendations. *International Journal for Educational Integrity*, *2*(1), 13-25. Retrieved 20 May 2007 from <a href="http://www.ojs.unisa.edu.au/journals/index.php/IJEI/article/view/27/16">http://www.ojs.unisa.edu.au/journals/index.php/IJEI/article/view/27/16</a>
- Marsden, H., Carroll, M. & Neill, J. (2005). Who cheats at University? A self-report study of
  - dishonest academic behaviours in a sample of Australian university students. *Australian Journal of Psychology*, *57*(1), 1-10.
- McGowan, U. (2005). Does educational integrity mean teaching students NOT to 'use their own words'? *International Journal for Educational Integrity, 1*(1) Retrieved 20 May 2007 from
  - http://www.ojs.unisa.edu.au/journals/index.php/IJEI/article/view/16/6
- Park, C. (2003). In other (people's) words: plagiarism by university students literature and lessons. *Assessment & Evaluation in Higher Education 28* (5), 471-488.
- Phillips, R. (2005). Audit of academic integrity and plagiarism issues in Australia and New Zealand. Retrieved 20 May 2007 from <a href="http://www.tlc.murdoch.edu.au/project/acode/">http://www.tlc.murdoch.edu.au/project/acode/</a>
- Pickard, J. (2006). Staff and student attitudes to plagiarism at University College Northampton. *Assessment & Evaluation in Higher Education*, 20(2), 215-232.
- Policy on Plagiarism, University of Adelaide (2007). Retrieved 20 May 2007 from http://www.adelaide.edu.au/policies/230/
- Sutherland-Smith, W. & Carr, R. (2005). *Turnitin*.com: Teachers' perspectives of antiplagiarism software in raising issues of educational integrity. *Journal of University Teaching and Learning Practice*, *2*(3b), 94-101.
- Walden, K. & Peacock, A. (2006). The i-Map: A process centered response to plagiarism.
  - Assessment & Evaluation in Higher Education, 31(2), 201-214.

# **Appendix**

#### Staff survey questions

Q1. Please indicate which of the following categories apply to your position in the School or Discipline:

Full-time and Tenured, Permanent, Continuing

Part time and Tenured, Permanent, Continuing

Full-time and Fixed-term contract

Part-time and Fixed-term contract

Casual

Other

Q2. Which level of appointment do you currently hold?

Professor, Associate Professor, Senior Lecturer (or equivalent)

Lecturer, Associate Lecturer (or equivalent)

Tutor, Demonstrator (or equivalent)

Professional or General staff (or equivalent)

Q3. Which general discipline area do you work in?

Physical or Health Sciences

Humanities, Arts or Performing Arts

Engineering, Maths or Computer Sciences

Professional Practice (Law, Architecture, Education, Management, Commerce, Economics)

Academic Skills and Language Support Programs (Bridging English Language, Language or Academic Skills Advisor or Pre-enrolment)

Q4. Have you ever used the plagiarism detection software *Turnitin* at the University of Adelaide?

Yes

No

If you had answered 'No' to Question 4, go directly to Question 9, if you answered 'Yes' to Question 4, continue on to Question 5.

# Questions for survey participants who have used Turnitin

Q 5. Has the use of *Turnitin* improved your assessment practices?

has made no difference

has somewhat improved

has significantly improved

has somewhat worsened

has significantly worsened

Q6. Has your use of *Turnitin* had any effect on the quality of written work submitted by students?

has made no difference

has somewhat improved

has significantly improved

has somewhat worsened

has significantly worsened

Q7. Do you allow students to use *Turnitin* for self-checking of written work?

Yes

No

Q8. Do you find the *Turnitin* originality reports useful?

Yes

No

If you answered 'Yes' please provide a brief description of why it is useful:

If you answered 'No' please provide a brief description of why it is not useful:

## Questions for all survey participants

Q9. Have you directed students to the plagiarism prevention resources in the 'Writing and Speaking at Uni' course inside MyUni?

Yes

No, I have never heard of this course

No, I do not think this course is useful

No, I don't use MyUni

Q10. Have you directed students to the plagiarism prevention resources on the CLPD website (http://www.adelaide.edu.au/clpd/plagiarism/students/)?

Yes

No, I did not know CLPD provided these resources

No, I did not think the resources provided by the CLPD were appropriate

I have never heard of CLPD

Q11 Do you think staff training sessions are required in how to assist students avoid plagiarism?

Yes

No

If 'Yes' please provide a brief description of what type of training would be useful:

If 'No' please provide a brief description of why training is not required:

Q12. Do you regard the level of plagiarism at the University of Adelaide to be a serious issue?

Yes

No

If 'Yes' please describe briefly why you think it is a serious issue,

if 'No' please describe briefly why you think it is not a serious issue:

Q13. What techniques do you use to minimise plagiarism (tick all that apply)

Signed statement on assessment cover sheet

Marking criteria on assessment cover sheet

Explicit statement in course handout or information booklet

Assessment tasks that have specific marks associated with appropriate referencing and citations

Assessment tasks are set in such a way that students are not able to plagiarise to answer the question

Allow students to submit formative assessments and provide specific feedback on referencing and citations

By providing explicit guidelines for students on the requirements for evidence-based writing

By using *Turnitin* to detect plagiarism

Q14. Do you feel that your School or Discipline has appropriate strategies in place to assist students to avoid plagiarism?

Yes

No

If 'Yes' please describe what strategies are in place:

If 'No' please describe what strategies you believe could be put in place in your School or Discipline:

Q15. Do you feel that the University of Adelaide has appropriate strategies in place to assist students to avoid plagiarism?

Yes

No

If 'Yes' please describe what strategies are in place:

If 'No' please describe what strategies you believe could be put in place at the University:

Q16. When you set assessment tasks do you provide a marking scheme that explicitly assigns marks for appropriate referencing or citations?

Yes

No

Q17. Do you feel that your students understand what plagiarism is?

Yes

No

If 'No' please describe briefly why you think they do not understand:

Q18. Do you think the University of Adelaide Policy on Plagiarism is adequate to deal with the majority of suspected plagiarism incidents?

Yes

No

14