

Governors State University

## OPUS Open Portal to University Scholarship

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GSU Research Day

Research Day 2019 - April 12, 2019

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Apr 12th, 8:45 AM - 9:30 AM

### Welcome and Opening Session: Presentation of The First 50 Years Of GSU Faculty and Student Research and Beyond

Elizabeth Cada  
*Governors State University*

Elaine P. Maimon  
*Governors State University*

Shailendra Kumar  
*Governors State University*

Paul Blobaum  
*Governors State University*

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Cada, Elizabeth; Maimon, Elaine P.; Kumar, Shailendra; and Blobaum, Paul, "Welcome and Opening Session: Presentation of The First 50 Years Of GSU Faculty and Student Research and Beyond" (2019).

*GSU Research Day*. 8.

[https://opus.govst.edu/research\\_day/2019/program/8](https://opus.govst.edu/research_day/2019/program/8)

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# The First 50 Years of Governors State University Research

Shailendra Kumar, Ph.D. and Paul Blobaum, M.A., M.S.

Governors State University Research Day

April 12, 2019





***Governors  
State***  
UNIVERSITY

### Three Evolving Directions GSU logo

- Teaching
- Research
- Service

The university stands on a 3 legged stool of Teaching, Research and Service and that's pretty much the 3 domains of Faculty work. And Teaching continues to be the biggest leg; but research and service have had different emphases over the past 50 years.

## 1970: Research Goals and Objectives

*Research is encouraged in its broadest sense—methodologic development and evaluation; specialized research; self, peer, and **community investigation**; and so on.*

*This goal will be facilitated through the University's cooperative education and work-study programs and through the on-site field work that will be relevant for some studies.*

Ted Andrews, History of GSU 1969-79, p. 1.16.

The University founders thought of research as imperative to the development of teaching and learning as experimental methods were adopted from the beginning. There were no grades for 10 years. New technologies were available. Courses were called modules and Self directed learning was introduced. Professors held the rank of University Professor if full time, and Community Professor if part time, and the University had a 12 month trimester system until Fall 2010. So institutional research was important. GSU partnered with the ERIC Clearinghouse of the U.S. Department of Education in doing research and distributing educational research reports. That might be how we acquired the ERIC library on Microfiche.

## Research Support

- University “Mini Grants” announced Fall 1972  
“The Mini-Grant Program is designed to encourage and assist the GSU community in conducting projects that will enable the University to better achieve its goals and fulfill its mission. Project designed to improve instruction, research, community service are supported. ” (Sept. 1972 Faze 1)
- First mention of “Research Grant” is a list of announcements in Faze 1 newsletter, September 1975.
- URG- University Research Grant awards announced, 1990 replacing Mini-grants (July 9 FYI newsletter <https://opus.govst.edu/fyi/55/> )
  - SR-SPD Sponsored Research, Sponsored Professional Development – release time for research (1 course)
  - Alumni Grants
  - URPB –Undergraduate Research Program Grant 2014 (First Symposium 2015)

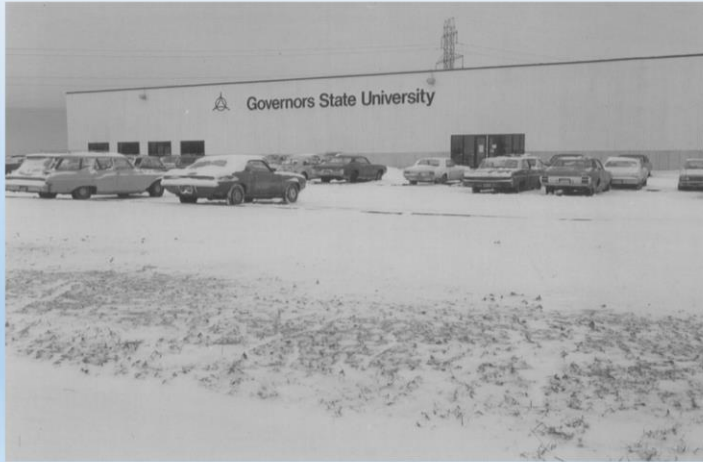
Research support has been offered to faculty in the form of grant money from 1972 to the present, but the grants name has changed. First they were mini grants, and then University Research Grants, and now we have intellectual Life, and University Research Grants, and Center for the Junior Year grant.

## Increased focus on research

- Faculty were able to apply for “release CUES” prior to 2005.
- The Faculty Senate Scholarship Task force issued a report on Scholarship, including defining Scholarship for GSU, on March 8, 2001 ([https://opus.govst.edu/facultysenate\\_documents/12/](https://opus.govst.edu/facultysenate_documents/12/))
- Rank was introduced in the 2003-2005 UPI-GSU contract, begins Fall 2005. 10 month contract; pool of research “release” CUES.
- Office of Sponsored Programs and Research established ca. 2006.
- Division Criteria (evaluation criteria) updated in 2004, again in 2000s, increasing the benchmarks for peer-reviewed and juried products
- Trend towards lower teaching loads and more research release time for Unit A Tenure Track faculty in 2000’s
- 4-4-1 Calendar (Fall, Spring, Summer) semester system introduced 2010-11

Research support has also been available to faculty in the form of release time to conduct research; this has evolved over the years as well. Since about 2005 and the introduction of Rank and changes to tenure and promotion that require higher research benchmarks, the University has pivoted in various ways to support the time faculty need for research.

## GSU Mini Campus, Park Forest South Industrial Park 1970-1975



A warehouse in Park Forest South was GSU's home from opening day in 1971 until 1974 when the lease was not renewed, the University had to move to its new home whether it was ready or not!

Flashback to a 1972 Literature Search



All good research begins with a visit to the library and a literature search, right? This is the Learning Resources Center at the mini campus about 1972. Some of that furniture is still around!



GSU Learning Resource Center  
Reference Desk 1972 (Need help? ASK HERE)



Once in the library, library faculty and staff are ready to help you. This is the Reference Desk in the mini campus; and bookstacks. Planners for a private college in Park Forest in the late 1950s and early 1960s envisioned a state of the library totally on microfilm! We see that in 1969 we still needed books. Much of the library came from St. Dominc's College that

closed. We still have some of the furniture  
you see.

## Literature search in 1972-1990



Younger folks have no idea how much time was needed to do a proper literature search, whether for faculty research or student papers! This is the card catalog, you can visit it in the GSU Archives. The woman facing the camera is doing a book search, flipping through cards

in the catalog drawer. The collection included vinyl LPs and film.

The Library held a wake for the Card Catalog on October 31, 1990, but it was repurposed as a 35mm slide library.

You can still visit it in the GSU Archives.

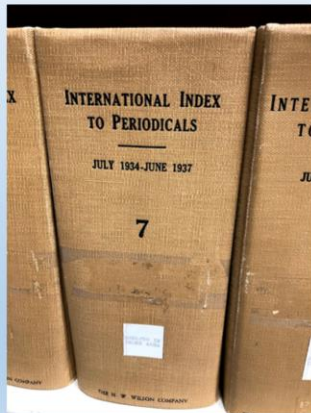
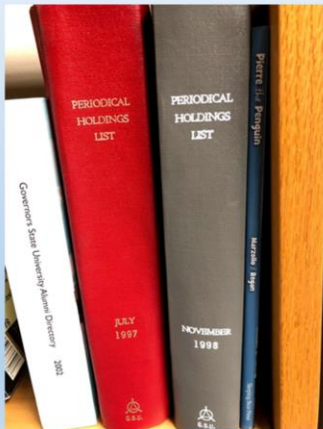


Literature Search – ERIC Clearinghouse  
Library 1972 (Carl Peterson, Librarian, left)



GSU partnered with the US Department of Education's ERIC Clearinghouse in the early days to evaluate teaching methods and the university's innovative methods. This is Dr. Carl Peterson, on the left accessing an ERIC microfiche in the Library; we still have that collection. Carl was both a librarian and on the instructional media staff.

## GSU Literature Search - 1972



Print indexes

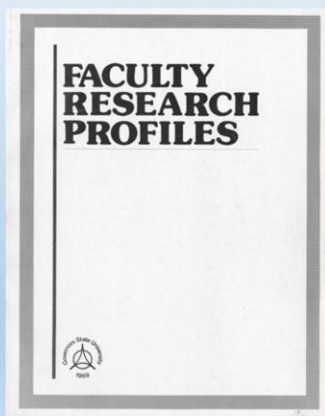
## College of Environmental Arts and Applied Sciences Mobile Lab ca. 1975



“Plug n play”  
Environmental Science vans could be plugged in on campus, backed up to loading docks, and used on campus and out in the field. BS and MS in Environmental Biology.



## Promotion of Faculty Research



Faculty research profiles were used to promote GSU faculty in the early 1980s.



**Miriam Kaplan**  
 Subject Specialist/Head,  
 Materials Center, University  
 Library  
 M.A., Governors State  
 University, 1979  
 M.L.S., Rosary College, 1970  
 B.S., Roosevelt University, 1969

**Previous Experience:**

1971-1972 Librarian, Prairie State C, Chicago Heights, IL  
 Professor Kaplan, a reference librarian, serves as a subject specialist for the Divisions of Education, and Psychology and Counseling. She conducts computer-assisted literature searches and heads the Materials Center, a special collection of resources for teaching at the elementary and secondary levels. Professor Kaplan has taught children's literature and currently lectures on literature for children; she published a number of articles and bibliographies on stereotyping, racism, and death and dying in children's literature. She is active in national and local professional librarian organizations and has held office at the local level.  
 Professor Kaplan's degree in women's studies, with emphasis in women's health issues, has led her to do extensive research on the psycho-social aspects of breast cancer. She is the co-founder of the Y-Me Breast Cancer Support Program which started in the south suburbs and now serves the entire Chicago metropolitan area. She plans and coordinates college credit conferences and gives workshops and lectures to the general public, cancer patients and health care professionals. Professor Kaplan has published articles on various aspects of breast cancer from detection to rehabilitation and has appeared on television and radio programs devoted to the discussion of cancer.



**Joseph Meredith**  
 Subject Specialist/  
 Archives Librarian, University  
 Library  
 M.L.S., University of  
 California, 1967  
 B.A., Olivet College, 1934

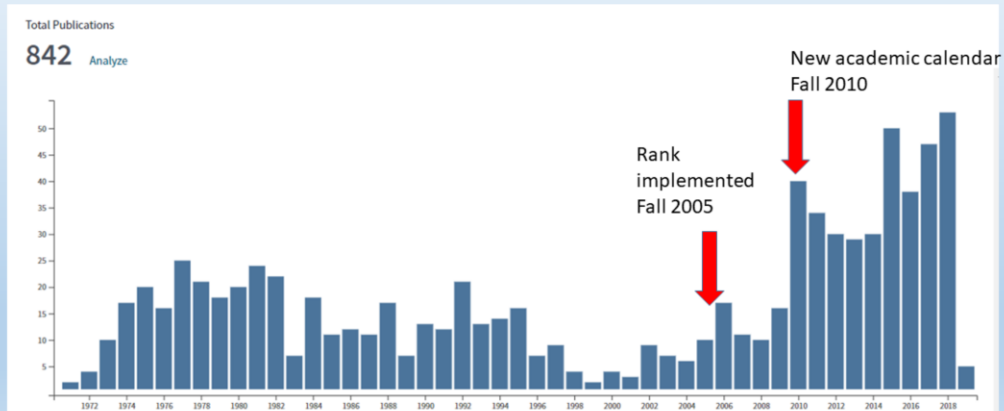
**Previous Experience:**

1971-1972 Assistant Director, Indiana U, Bloomington, IN  
 1967-1971 Project Manager, U of California, Berkeley, CA  
 1963-1964 Executive Director, Easter Seal Society of San Francisco, San Francisco, CA  
 1941-1962 Line and Staff Duties, U.S. Navy  
 Professor Meredith serves in the University Library as subject specialist in the humanities, public administration, the fine and performing arts and devotes a portion of his time to reference work. He also serves as a member of the Faculty Senate and its Executive Committee, as chairperson of the Senate's Standing Committee on Governance and as chairperson of the Governors State University United Professionals of Illinois (UPI)/Board of Governors (BOG) Governance Committee. In community service, he is active on the board of directors of Eastern Will County Senior Services and of the Park Forest South United Way.  
 Professor Meredith has written and published extensively in areas of educational technology, information storage and retrieval, librarianship, and history most recently in the *Canadian Library Journal*, *Journal of the American Society for Information Science* and in *Case Studies for Special Libraries and Information Centers*, Frank Slater, ed. He will be represented in the forthcoming *Government Publications: Key Papers*, Peter Heron, ed. (Pergamon Press) and in the new *Reference Quarterly* to be published at the State University of New York, Albany. Professor Meredith is currently enrolled in the doctoral program at Indiana University with emphasis on library history.

This is an example of what Faculty Research Profiles looked like. Mimi Kaplan was a librarian at GSU. She is a founder of the Y-Me Breast Cancer support organization which is a well known national self advocacy organization. After a long career in the Navy, Joe Meredith got a library science degree and became one of the early Library faculty members; he is the founding GSU Archivist and he documented the history of Park Forest South, establishing its Archives here at GSU as he was a Village Trustee and also acting village President.

## GSU Publications and Proceedings Abstracts in Highly Selective Peer Reviewed Venues, Web of Science, 1970-2019

(842 select chapters, reviews, articles, professional conference proceedings)



The First 50 Years of Governors State University Research,  
Presented to Research Day at GSU, April 12, 2019. By  
Shailendra Kumar, Ph.D., and Paul Blobaum, M.A., M.S.

We generated a report using Web of Science citation index which is using a select list of peer reviewed scholarly journals, book chapters, and conference proceedings (where Governors State University address data was available as an author address) to study GSU research outputs. This slide shows a great increase since Rank was introduced in 2005 (in year 3 of the 2003-2005 UPI-GSU contract). Up until this time Faculty had a 12 month contract; but the 2003-2005 Contract introduced a 10 month contract; by the time Rank

was introduced in 2005, Faculty evaluation criteria were revised (in 2004?) to require minimally 1 peer reviewed or juried product in order to attain Tenure in year 6 of evaluation.

There was over a 100% increase in number of articles, reviews, chapters, and presentations from those performed or published in 2009 (n=16) to 2010 (n=40) and that trend is upward in the last 8 years. (GSU also experienced a turnover in faculty due to retirements, etc. prior to this time). This increase is interesting and Web of Science can be used to generate article and author level data for more analysis.

Web of Science includes the physical and social sciences, as well as arts and humanities.

Limitations and Caveats: Not all disciplines are well represented, and co-authors from GSU may be overlooked when a journal does not include the address of all co-authors in the article. We need to investigate the WOS year of implementing coverage for proceedings, book chapters.

# Gail B. Kempster University Professor, CDIS– Most productive GSU Author – 359 citations, 13 annual

*Journal of Speech and Hearing Research, Volume 36, 21–40, February 1993*

## Perceptual Evaluation of Voice Quality: Review, Tutorial, and a Framework for Future Research

**Jody Kreiman**  
**Bruce R. Gerratt**  
VA Medical Center, West Los Angeles  
and UCLA School of Medicine  
Los Angeles, CA



**Gail B. Kempster**  
Governors State University  
University Park, IL

**Andrew Erman**  
**Gerald S. Berke**  
VA Medical Center, West Los Angeles  
and UCLA School of Medicine  
Los Angeles, CA

The reliability of listeners' ratings of voice quality is a central issue in voice research because of the clinical primacy of such ratings and because they are the standard against which other measures are evaluated. However, an extensive literature review indicates that both intrarater and interrater reliability fluctuate greatly from study to study. Further, our own data indicate that ratings of vocal roughness vary widely across individual clinicians, with a single voice often receiving nearly the full range of possible ratings. No model or theoretical framework currently exists to explain these variations, although such a model might guide development of efficient, valid, and standardized clinical protocols for voice evaluation. We propose a theoretical framework that attributes variability in ratings to several sources (including listeners' backgrounds and biases, the task used to gather ratings, interactions between listeners and tasks, and random error). This framework may guide development of new clinical voice and speech evaluation protocols, ultimately leading to more reliable perceptual ratings and a better understanding of the perceptual qualities of pathological voices.

**KEY WORDS:** voice quality, perception, clinical assessment, reliability.



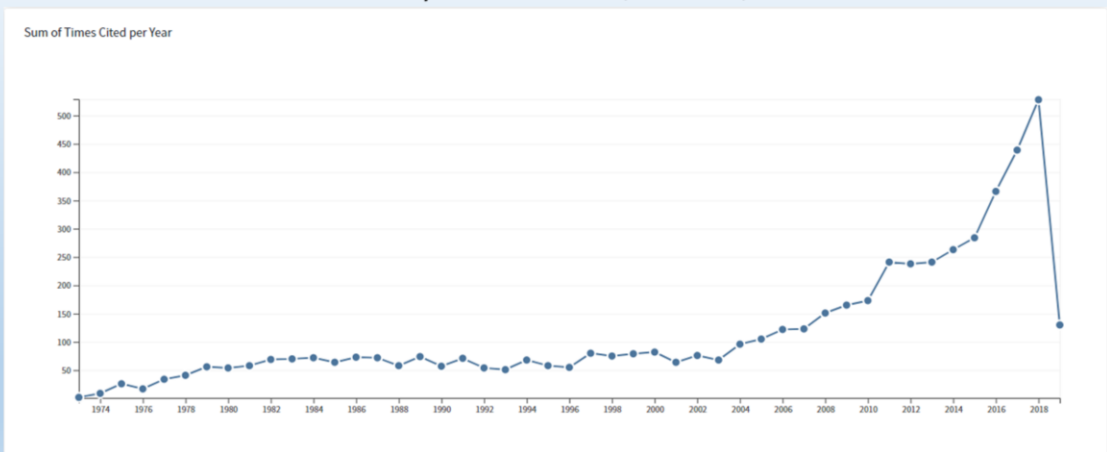
GSU's most productive author is Gail B. Kempster of the Communications Disorders program. Her 1993 article is cited about 13 times per year.

Kreiman, *Kempster*, Erman Journal of Speech and Hearing Research, 1993

PERCEPTUAL EVALUATION OF VOICE QUALITY - REVIEW, TUTORIAL,  
AND A FRAMEWORK FOR FUTURE-RESEARCH

- N=359 citations 1993-2019 (WOS)
- Google reports 703 citations
- Average of 13.3 citations \*per year\* (WOS)
- Responsible for 11.3% of GSU citations each year. (n=116)

## Citations to Faculty Research, WOS, 1972-2019



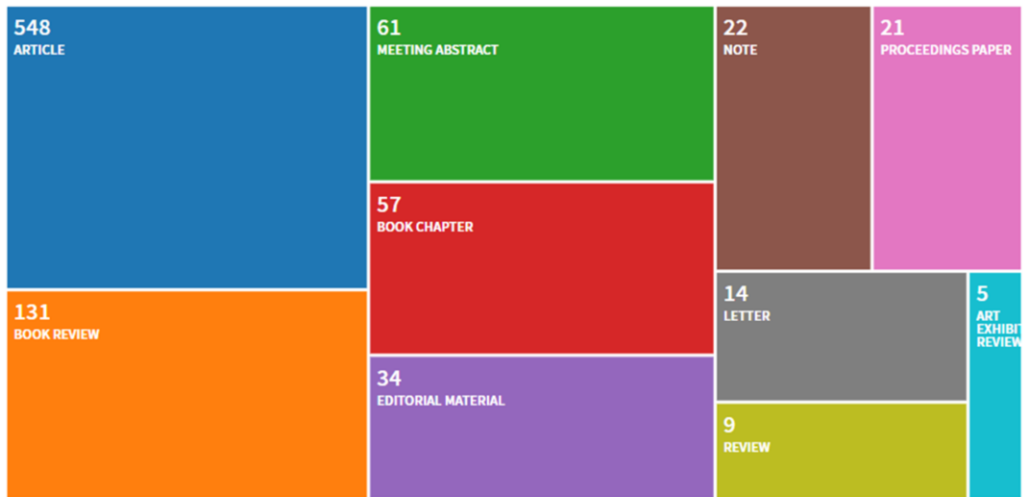
Web of Science is a multidisciplinary citation index. The citations to faculty research also increased since 2005. These do not include self-citations.

## Citations to GSU Faculty Research, WOS, 1972-2019

- $n=5,452$  (excluding self citations)
- Average= 116 per year (excluding self-citations)
- $h$ -index=34 ( $h$  items that have been cited at least  $h$  times)
- Average=6.48 citations per item



## Publication Types WOS GSU Output 1970-2019



# Web of Science Categories

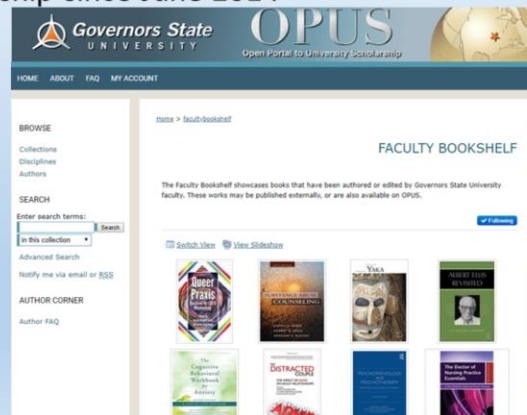


## Top 10 GSU Authors 1970-2019



# Open Portal to University Scholarship opus.govst.edu

- Disseminating University Scholarship since June 2014
- Faculty Bookshelf gallery
- Faculty Research Papers



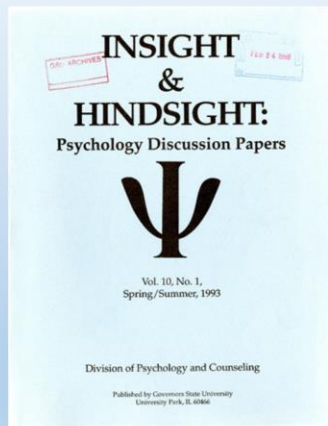
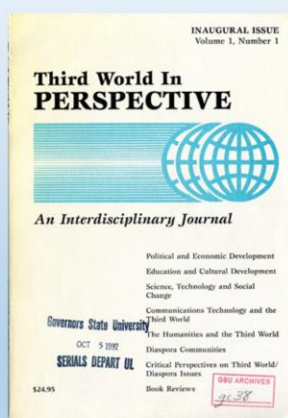
Since 2014, Faculty can disseminate their research through our institutional repository, OPUS. We also have a state law and GSU Open Access policy that encourages faculty to do this.

There is a book gallery that showcases faculty and staff monographs; and faculty are contributing working papers, presentations, and open access articles and manuscripts published in journals. Contact me for more information.

## Limitations

- Though inclusive of social sciences, physical sciences, and arts and humanities, WOS is highly selective
- Some fields are not well represented

## GSU-based Journals



5 Journals that we know about were published at GSU in the past 50 years. In addition to these three, the Journal of Communications Therapy edited by Dr. Tulsi Saral was started here but some of the issues were published by University of Houston after he relocated to that campus. Third World in Perspective, edited by Dr. Roger Oden, was related to the Third World Conference that was sponsored by the University for many years, this had an international exposure with contributions from around the world. Insight & Hindsight, edited by Dr. Rachel Berg, published student essays and papers mostly from the GSU Psychology and Counseling division. Creative Woman Quarterly was edited by Helen Hughes, and had national expires in the 1980s. With grant support from our consortium CARLI, this journal was digitized and is hosted on CARLI digital Collections; and is available online through the Digital Public Library of America. The next slide shows the current journal we publish on the Digital Commons platform.

# International Journal for Service Learning, Research, and Social Change

<https://opus.govst.edu/iujs/>

Editors: Ned Laff, Ph.D. (GSU) and Jamie Opdyke, U. Oregon

The Journal considers three types of articles:

- 1) Articles that discuss the development of a service-learning project and the impact of the project on the community served;
- 2) A case study of a service-learning project;
- 3) A reflection on service-learning and the development of personal leadership.

The Journal accepts Book Reviews on service-learning and social change.

The "Notes for the Service-Learning for Leadership Forum" is a national and international exchange on contemporary issues, concerns, or ideas about implementing service-learning to impact our communities.

The screenshot shows the website interface for the International Journal for Service Learning, Research, and Social Change. The URL is <https://opus.govst.edu/iujs/>. The page features a navigation menu on the left with links for Journal Home, About This Journal, Aims & Scope, Editorial Board, and Policies. A central banner displays the journal's title and a globe image. Below the banner, there is a section for the current issue, Volume 8, Issue 1 (2018), and a list of articles with PDF links. The articles listed include: 'Table of Contents, IUJS, Volume 8 Issue 1, Fall 2018', 'Editor's Notes' by Ned Laff, 'Charlotte the Student's View of Union County Probation: A Service Learning Project' by Anya Liasonwala, Megan Wolff, Paden Troxell, and Charles Kim, 'Open Ears, Open Mind, Open Heart: Active Listening' by Ma A. Nguyen, 'Implementing a Bottom of the Pyramid Eye Care Solution' by Patrick Long and Eric Martin, 'Spin Spin with Honeysuckle: Using Social Media to Enhance Nonprofit Connectivity and Visibility in the Community' by Lauren Raczek, 'Foulty, Protein and Profit Across Continents: A Perspective on How Foulty is Champion Lives in Belize and Mozambique' by Sarah Beth Delay, and 'Reflecting on Leadership' by Boyce Buchanan. The ISSN is 2572-8903.

Dr. Ned Laff brought this journal to GSU when he came as Director of the Junior Year. It is published twice a year, and has international readership. There are over 7,000 downloads so far, and the Journal began publishing on OPUS in Fall 2016.

## Student Capstones and Theses 1972-2010



Tazama Sun Graduate Saxophone Recital  
July 15, 1990 (College of Arts and Sciences)



The Innovator: A History of the Governors State  
University Student Learning Project, 1979 MBA  
Thesis, by Robert A. Blue. (ARCHIVES LD2004.P8  
B58X 1979) (CBPA)

In the past our programs have encouraged graduate students to contribute their graduate capstone or theses to the library. From our earliest capstone in 1973 until 2010, these were completed in print format and then cataloged and bound for library circulation (1 copy at a time per person). Here are examples of various works, a graduate recital from our music program, and a thesis on the Innovator student newspaper.



## Student Research on Local Communities

- *A political history of Chicago Heights*, 1976 M.A. thesis by Marian Manfranchi
- *A New Town: The Fantasy and The Reality, A Study of Park Forest South*. 1977 M.P.S. thesis by Shirley A. Jackson
- *The Challenges of Housing and Racial Integration in the South Suburbs of Chicago*, 1987 M.P.A. thesis, Bridget Imoukhuede
- *Community college-GSU articulation in the Social Sciences*, 1980 M.A. thesis by Erwin Conrad

The founders of GSU were guided by a vision of teaching based in community based research and assessment. Here are some examples of student research that are related to local communities in our region of the south suburbs of Chicago.

## GSU View January 2012

### **Student Filmmakers in the News**

GSU educators are not the only ones impacting the silver screen. The GSU independent film program goes global this February when student filmmakers Blake Labriola, Leah Chapman, and Josh Young attend the International Student Film Festival in London. Their short film, *Careless*, will be screening at the festival February 4.

Labriola wrote and directed the 20-minute thriller. Chapman served as director of photography. Young helped with the production. *Careless* was developed through Assistant Professor Sanghoon Lee's MCOM 570 Short Film Production course last spring.

In addition to screening their film at the festival, the students will attend various workshops and have the opportunity to network with international filmmakers, critics, and executives.

Support for their trip was provided by a Student Life Grant and funds contributed by CAS.

Students have national and international exposure. In 2012 our MFA students' film "Careless" was screened at the International Student Film Festival in London.

## GSU Library Holdings

- 40 Ed.D. capstones (digital and print)
- 115 digital capstones published 2010-2019
- 327 digital theses published 2010-2019
  
- 1,661 print Capstones and Theses 1973-2009

First 100 Capstones and Theses, 1973-1983

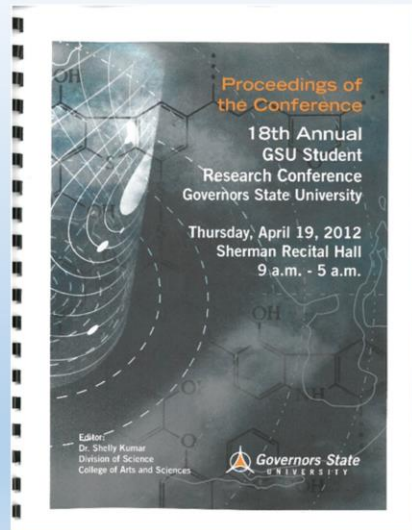
<https://i-share.carli.illinois.edu/vf-gsu/MyResearch/MyList/7314>



This is our print capstone and thesis collection in the GSU archives. Students gave the library 2 copies; one for archives and one for circulating in Main Stacks shelves.

## GSU Student Conferences

- Office of the Provost introduced 1<sup>st</sup> Annual GSU Student Conferences commenced on May 26, 1995
- Students of all four GSU Colleges participated
  - College of Arts and Sciences
  - College of Business and Public Administration
  - College of Education
  - College of Health Profession



# Annual GSU Student Research Conference



The GSU presidents gave welcome in each Student Research Conference from 1995-2015.

## Annual GSU Student Research Conference

- The format of of the conference was just like a professional conference
  - Oral Presentation
  - Poster Presentation
  - Luncheon
  - Keynote Speaker
  - Certificates of Merit – Presented to students by President

# Annual GSU Student Research Conference

## 1st Annual GSU Student Research Conference

Friday, May 26, 1995

### CONFERENCE STEERING COMMITTEE

#### Conference Organizer

Shelly Kumar

#### College Representatives

Linda Buyer, College of Education

Carolyn Fraser, College of Health Professions

Akkanad Issac, College of Business and Public Administration

Larry Levinson, College of Arts and Sciences

#### *A MESSAGE FROM THE CONFERENCE STEERING COMMITTEE*

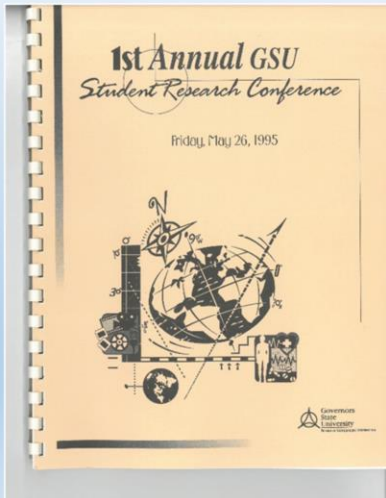
The steering committee is excited to announce the 1st Annual GSU Student Research Conference to be held on May 26, 1995. When planning this conference, the committee had several objectives:

1. To provide students an opportunity to present their research work before an audience of their peers, and to use the comments they receive to improve presentations made at professional conferences.
2. To provide a forum to highlight research accomplishments at GSU, and honor students presenting their research work.
3. To generate enthusiasm among student body in general, and encourage them to pursue research and other scholarly activities.
4. To enhance communications in the area of research among the four colleges at GSU. The interactions may also lead to collaborative work among students and faculty of different colleges.
5. To enhance the image of GSU in the area of teaching, as research is considered integral part of teaching at the university level. In the long run larger number of students attracted toward research would enroll at GSU to pursue higher education.

The committee hopes that this event will lead to a continuous series of student research conferences. Enjoy the conference and share the excitement of fruits of research.

# 1<sup>st</sup> Annual GSU Student Research Conference

All-Day Conference with back-to back oral and poster presentations



## 1st Annual GSU Student Research Conference

Friday, May 26, 1995

### PROGRAM SUMMARY

#### Engbretson Hall:

8:30 - 9:00 A.M.

Conference Registration

9:00 - 9:20 A.M.

Welcome and Introduction

9:20 - 10:20 A.M.

Podium Presentations (3)

10:20 - 10:40 A.M.

Refreshment Break

10:40 - 12:00 Noon

Podium Presentations (4)

#### Hall of Honors:

12:00 Noon - 12:45 P.M.

Lunch

12:45 P.M. - 1:30 P.M.

Keynote Speaker, Dr. J.D. Trout

1:30 P.M. - 2:00 P.M.

Mixer and Poster Presentations

#### Engbretson Hall:

2:00 P.M. - 3:20 P.M.

Podium Presentations (4)

3:20 P.M. - 3:40 P.M.

Refreshment Break

3:40 P.M. - 5:00 P.M.

Podium Presentations (4)

5:00 P.M. - 5:05 P.M.

Concluding Remarks



# 1<sup>st</sup> Annual GSU Student Research Conference

24 Students participated from all colleges

15 Faculty sponsored the presentations

## 1st Annual GSU Student Research Conference Friday, May 26, 1995

### STUDENT PARTICIPANTS

Student	Major & College	Page
Basem Ibrahim-Ali Amin	Computer Science, CAS	23
Shangqing Bim	Computer Science, CAS	27
Gwyn Jones Boughner	Environmental Biology, CAS	31
Jordin Brand	English, CAS	26
Mary Lou Budzinski	Health Administration, CHP	15
Diana Crawford	Public Administration, CBPA	25
Jeff Dineili	Media Communications, CAS	28
Zou Jayne Dipert	Psychology, COE	19, 32
Scott Fox	Computer Science, CAS	33
Rhonda Hart	English, CAS	16
Ann Jantelatal	Media Communications, CAS	28
George Kasal	Art, CAS	21
Ann LaBarge	Speech-Language Pathology, CAS	29
Theresa A. Lentak	Art, CAS	22
John Lukanic	Computer Science, CAS	20
Charles R. Lysolom	Computer Science, CAS	20
Kelly Place	Media Communications, CAS	28
Dana R. Shafer	Analytical Chemistry, CAS	17
Paul Silic	Computer Science, CAS	33
James Simpson	Analytical Chemistry, CAS	24
Yolanda Samayo Smith	Media Communications, CAS	28
Roger Sutton	Computer Science, CAS	20
Xiangyan Wang	Computer Science, CAS	27
Joey Wahlgenath	Business, CBPA	18

## 1st Annual GSU Student Research Conference Friday, May 26, 1995

### FACULTY SPONSORS

Faculty	College	Page
Arthur Bourgeois	CAS	22
Michael Dimitroff	COE	32
Donna Gellatly	CHP	15
Mercedes Herrera-Graf	COE	19
Susanne Hilderbrand	CHP	29
Mary Howes	CBPA	25
Akkanad Issac	CBPA	18
Patricia Koutouzos	CAS	16, 26
Shailendra Kumar	CAS	17
Edward C. Miller	CAS	31
Gregory Moehring	CAS	24
Soon-Ok Park	CAS	20, 33
Paul Schranz	CAS	21
Eli Segal	CAS	28
Shensheng Zhao	CAS	23, 27

# 1<sup>st</sup> Annual GSU Student Research Conference

## 1<sup>st</sup> Annual GSU Student Research Conference 1986, May 26, 1993

### CONFERENCE PROGRAM

#### Conference Registration

8:30 A.M. Hall of Governors  
Egbertson Hall

#### Program Commencement

9:00 A.M. **Welcome and Introduction:**  
Dr. Shelly Kassar  
Director of Science  
College of Arts and Sciences

#### Greetings:

Dr. Paul Wolff  
President

#### Podium Presentations

Egbertson Hall

**Session I Moderator:**  
Dr. Richard Isaac

Director of Management, Marketing, and Public  
Administration

College of Business and Public Administration

9:20 A.M.

"**SHORT COMPARISON ANALYSIS IN PATIENT VS. HOME  
HEALTHCARE.**" Mary Lou Blandford, Health Administration, CIP

9:40 A.M.

"**THE SYLLOGISM AND ITS APPLICATIONS.**" Elizabeth Hall,  
English, CAS

10:00 A.M.

"**RELATED OF ALTERNATIVE ORGANIC ANALYSIS  
SOFTWARE.**" Donald Butler, Biochemistry Honors, Analytical  
Chemistry, CAS

10:20 A.M.

**Refreshment Break**

**Session II Moderator:**  
Dr. Larry Levinson

Director of Liberal Arts

College of Business and Public Administration

10:40 A.M.

"**U.S. WOMEN EDUCATION, WORK, AND OPTIONS TO  
ENTER WORK FORCE THEM.**" Jean Wollgast, Business, CBPA

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11:00 A.M. "**INTELLIGENCE TESTS AND ACHIEVEMENT TESTS: A  
PROBLEM WITH INTERPRETATION.**" Lisa Joyce Diaper,  
Psychology, COB

11:20 A.M. "**CONFERENCE ROOM SCHEDULES?**" Claudia K. Lybelle, Roger  
Sutton, John Lubanski, and Susan Ok Park, Computer Science, CAS

11:40 P.M. "**BROAD-CAST PROPAGANDA 1941-1947.**" Jeff Elliott, Ann  
Johnson, Kelly Price, and Virginia Santos Smith, Media  
Communication, CAS

#### Conference Lunch

Hall of Honors

12:00 P.M. **Lunch**

12:05 P.M. **Greetings and Introduction of Speakers.**  
Dr. Wayne Horvath

President

**Keynote Speaker**

Dr. J.D. Trout

Associate Professor of Philosophy

Loyola University of Chicago

Speaking on

"**INTEGRATIVE KNOWLEDGE AND NATURALISTIC RESEARCH IN  
PHILOSOPHY**"

**Mixed and Poster Presentations** Hall of Honors

1:00 P.M.

"**SOFT RELEASE STUDY OF AMERICAN KESTRELS G'ALCO  
SPRAYERS.**" Douglas R. Bingham, Environmental Biology,  
CAS

"**MENTAL DISORDER DUE TO ABNORMAL DEVELOPMENT IN  
THE PHYSIOLOGY AND FUNCTION OF THE BRAIN.**"  
DISSEMINATIONS FOR EDUCATION, *Loyola Dept. Psychology,  
COB*

"**ORBIT-ORIENTED MEETING DESIGNER: IRBIE  
MANAGEMENT.**" Eric Sills, Suzi Egan, and James Ok Park,  
Computer Science, CAS

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#### Podium Presentations

Egbertson Hall

**Session III Moderator:**  
Dr. Carolyn Fraser

Director of Nursing and Health Sciences

College of Business and Public Administration

2:00 P.M.

"**AN INTERDISCIPLINARY INVESTIGATION OF  
RECTANGULAR IMAGES IN A FIELD PROVISIONAL PARK,  
ONTARIO, CANADA.**" Elizabeth A. Leland, '95, CAS

2:20 P.M.

"**DATASCREENING: A SOLID PLATFORM OF APPLICATION  
ECONOMICS METROLOGY.**" Brian E. Hahn, '95, *Health, AS, Health, Computer  
Science, CAS*

2:40 P.M.

"**COMBUSTION AND EXPERIMENTATION WITH  
PROBIOTIC POLYMERIZATION REACTORS.**" James Sapping and  
Greg Manning, Analytical Chemistry, CAS

3:00 P.M.

"**AN EVALUATION OF THE TENANT RESIDENCE  
COORDINATOR APPROACH TO SUPPORTIVE HOUSING.**" Elana  
Kaneff, Public Administration, CBPA

3:20 P.M.

**Refreshment Break**

**Session IV Moderator:**  
Dr. Linda Ryan

Director of Psychology and Counseling

College of Education

3:40 P.M.

"**PLATO'S RHETORICAL THEORY BEYOND THE GORGAS  
AND THE PHAEDRUS.**" Judith Bland, English, CAS

4:00 P.M.

"**IMAGE DATA COMPRESSION.**" Shuang-Biao and Xiangyan  
Wang, Computer Science, CAS

4:20 P.M.

"**ALTERNATE PERCEPTIONS.**" George Kassar, '95, CAS

4:40 P.M.

"**A SECOND LOOK AT CROSS-CULTURAL ATTITUDES  
TOWARD SPEECH DISORDERS.**" Ann M. Labadie, Speech  
Pathology, CIP

5:00 P.M.

**Concluding Remarks**  
Dr. Shelly Kassar

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# Annual GSU Student Research Conference 1995-2015



All GSU Student Research Conferences proceedings are not available in OPUS at <http://opus.govst.edu/events>

## Annual GSU Student Research Conference 1995-2015 Keynote Speakers

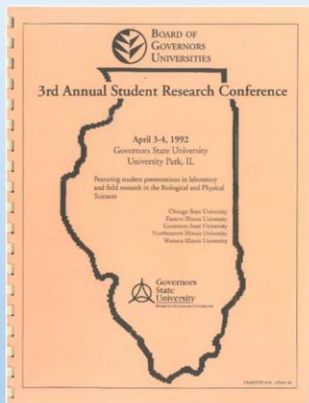
1995	J.D. Trout	Loyola University	Philosophy
1996	John B. Ketterson	Northwestern University	Physics
1997	Michael M. Mimnaugh	Chicago State University	Chemistry
1998	Stanley Smith	U of Illinois, Champaign-Urbana	Chemistry
1999	Leigh Estabrook	U of Illinois, Champaign-Urbana	Library Science
2000	Ralph W. Nicholas	University of Chicago	Anthropology
2001	Pierre LeBreton	University of Illinois, Chicago	Chemistry
2002	John E. Woods	University of Chicago	History
2003	Joy Hammel	University of Illinois, Chicago	Occupational Therapy
2004	Ghanshyam M. Pandey	University of Illinois, Chicago	Psychiatry
2005	Kathleen D. Morrison	University of Chicago	Anthropology
2006	Mrinalini Rao	University of Illinois, Chicago	Physiology & Biophysics
2007	William Van Bonn	John G. Shedd Aquarium	Veterinary Medicine
2008	Theodore L. Steck	University of Chicago	Molecular Biology
2009	Michael Labarbara	University of Chicago	Biology & Anatomy
2010	Stephen Hill	Northwestern University	Music
2011	Umesh Garg	Notre Dame University	Physics
2012	CAS Faculty	Governors State University	Arts & Sciences
2013	Carol L. Adams	The DuSable Museum of African American History	History
2014	Philippe A. Cotton	Notre Dame University	Physics
2015	Peter Gena	Art Institute of Chicago	Music

Keynote speakers came from across the region.

# BGU Student Conferences at GSU

## Board of Governors Universities

- Chicago State U
- Eastern Illinois U
- Governors State U
- Northeastern Illinois U
- Western Illinois U



## Presentations at the GSU Conferences



Here are some photos from the Student Research Conference, 1995-2015

## GSU Undergraduate Students Research Symposium 2014-2015



### 1<sup>st</sup> Annual Undergraduate Symposium

- 15 Students presented
- 7 Faculty sponsored

This program is also available in Opus at <http://opus.govst.edu/events>



GSU Research Day 2016 - Present



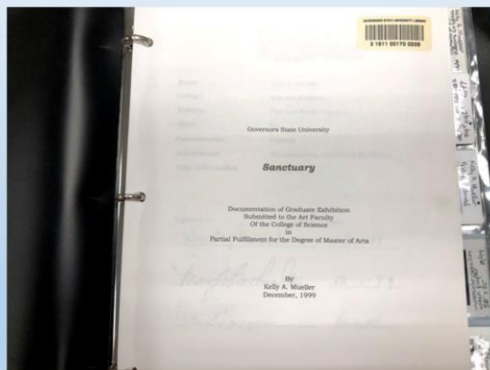
Student Presentations from all Colleges  
Faculty Presentations from all Colleges



## OPUS – Open Portal to University Scholarship

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- OPUS launched in June 2014
- 383 graduate capstones
- 115 graduate theses

257,897 total downloads  
of student research  
manuscripts to date!



## Top 4 Theses Readership 2010-2019

Title	Downloads
<i>Exploring the Effects of Text Messaging on the Spelling Skills of Ninth and 12th Grade Students</i> , 2011 M.A. Communications, James Muhammad	25,357
<i>Superman's Ancestors - Beowulf, Odysseus and Roy Hobbs: Application and Analysis of Joseph Campbell's Monomyth Theory</i> , 2011 M.A., English, Michael Keely	2,489
<i>An Exploration of Dual Identity in Sandra Cisneros's The House on Mango Street</i> , 2015 M.A., English, Maria D. Ramirez	1,636
<i>Redefining the Gothic: How the Works of Carson McCullers, Tennessee Williams &amp; Flannery O'Connor Retained Gothic Roots and Shaped the Southern Gothic</i> , 2012 M.A., English, Sarah N. Koehler	1,505

## Top 5 Capstone Project Readership 2010-2019

Title	Downloads
<a href="#">Design and Implementation of E-Commerce Site for Online Shopping</a> , 2014 M.S. Computer Science, Sidhartha Reddy Vatraperu	57,218
<a href="#">Smart Inventory Management System</a> , 2015 M.S. Computer Science (4 authors)	11,165
<a href="#">Hotel Management System</a> , 2016, M.S. Computer Science, (4 authors)	10,991
<a href="#">Payroll Management System</a> , 2014, M.S. Computer Science (4 authors)	10,756
<a href="#">Parental Involvement and Academic Achievement</a> , 2015, M.A. Multicategorical Special Education, Rosie Thornton	9,331

# Global Reach of GSU Research 2014-19 OPUS.GOVST.EDU



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the 12:30 pm Poster Session!

Shelly Kumar and Paul Blobaum