

Council on Undergraduate Research
BIENNIAL REPORT



TRANSITIONS

2002 - 2004



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The mission of the Council on Undergraduate Research
is to support and promote high-quality
undergraduate student-faculty collaborative research and scholarship.

The Council on Undergraduate Research (CUR) and its affiliated colleges, universities, and individuals share a focus on providing undergraduate research opportunities for faculty and students at predominantly undergraduate institutions. CUR believes that faculty members enhance their teaching and contribution to society by remaining active in research and by involving undergraduates in research. CUR's leadership works with agencies and foundations to enhance research opportunities for faculty and students. CUR provides support for faculty development. Our publications and outreach activities are designed to share successful models and strategies for establishing and institutionalizing undergraduate research programs. We assist administrators and faculty members in improving and assessing the research environment at their institutions. CUR also provides information on the importance of undergraduate research to state legislatures, private foundations, government agencies, and the U.S. Congress. CUR welcomes faculty and administrators from all academic institutions. Our primary advocacy is in support of faculty and students at predominantly undergraduate institutions. CUR achieves its vision through efforts of its membership as organized in a divisional structure that includes biology, chemistry, geosciences, mathematics and computer science, physics and astronomy, psychology, social sciences, and an at-large division that serves administrators and other disciplines.

The CUR Definition of Undergraduate Research:

Undergraduate research is an inquiry or investigation conducted by an undergraduate student that makes an original intellectual or creative contribution to the discipline.

CUR programs emphasize the importance of a mentor, usually a faculty member, in guiding an undergraduate to achieve the most from an undergraduate research experience.

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PRESIDENTS' REPORT

CUR MEMBERS AND FRIENDS:

This biennial report highlights CUR's many activities and programs over the past two years. We continue to be strong in areas of individual and institutional membership, our financial practices continue to be sound, and the quality and relevancy of the CUR Quarterly has been enhanced through the introduction of theme issues on research and educational programs of special interest to our CUR members. Our multi-day institutes continue to attract faculty and administrators from diverse institutions and we recently approved our newest institute that addresses the needs of faculty in the social sciences and humanities. Over 630 faculty and administrators gathered on the campus of the University of Wisconsin-La Crosse for CUR's 10th National Conference. The theme for the conference, "Crossing Boundaries" resonated throughout the conference's plenary sessions and workshops.

The time span covered by this biennial report also includes a significant milestone for CUR - the celebration of our 25th anniversary. This event was marked by a banquet held during our annual councilor business meeting. The evening's program provided those present with an opportunity to acknowledge several of the founders of CUR and to enjoy their perspectives on how the organization has expanded both in the disciplines represented within CUR, and the continuing role CUR plays in providing a voice for PUIs and leadership as more institutions recognize the value of engaging students in high quality faculty-student collaborative research.

During 2004-2005, we will continue expanding our programs and explore opportunities to broaden CUR's outreach to institutions and audiences we currently do not fully serve. A number of changes are already taking place under the leadership of CUR's Executive Officer Nancy Hensel. Nancy is CUR's third Executive Officer, succeeding Elaine Hoagland. We hope you find this report valuable and that it provides an opportunity for you to reflect on the many accomplishments made in the past two years. The pages of the report highlight CUR's greatest asset - the energy and dedication of its members and elected councilors.

Tim Elgren, President

Jill Singer, Immediate Past-President

OVERVIEW FROM THE EXECUTIVE OFFICER

The end of the 2004 fiscal year was one of many transitions. Dr. Elaine Hoagland retired from her position as National Executive Officer at the end of June, 2004 after completing seven years in that role. During her tenure, the Council on Undergraduate Research enjoyed a period of sustained growth in membership, programs, and support to faculty and students engaged in undergraduate research. JoAnne Connolly-Reiche will also retire from her position as Administrative Director. JoAnne has contributed in many ways to the development of CUR. Most recently, she was the staff member who assisted the many volunteers and the conference staff at UW-La Crosse in managing the 2004 Biannual Conference.

Dr. Tom Wenzel will step down in March as Editor-in-Chief of the *CUR Quarterly*. The *CUR Quarterly*, under Tom's leadership, has developed into a high quality professional journal and is much in demand by those interested in undergraduate research. Dr. Charlotte Otto has been appointed as the new Editor-in-Chief. Dr. Otto will work with Dr. Wenzel on the December and March issues of the *Quarterly*. We are pleased that she has accepted this position. Dr. Otto has contributed to CUR as president, interim executive officer, board member, and councilor.

While there are many changes in the national office, a constant has been the commitment to faculty development in undergraduate research and engaging more educators with CUR's mission. During the last two years, CUR held workshops on Proposal Writing at Juniata College in 2002 and The College of Wooster in July, 2003, Institutionalizing Undergraduate Research at the College of New Jersey in October 2002 and 2003, and Vital Faculty at Furman University in March, 2004. A new social science institute has been approved by the Executive Board and will be offered in 2005.

Applications from students to participate in the Posters on the Hill increased in 2003 to 176. The Undergraduate Research Fellowship program also saw an increase in applications to 167. The American Psychological Foundation funds one summer fellowship and also serves as a co-sponsor.

In June, Dr. Kerry Karukstis submitted a proposal to the National Science Foundation that, if funded, will provide CUR with the opportunity to regionalize its institutes and further disseminate the message of CUR.

The National Office renewed its lease in its current space. The lease is for five years at a below-market rate and included new carpeting and painting the office space.

CUR published *Reinvigorating The Undergraduate Experience: Successful Models Supported by NSF's AIRE/RAIRE Program*, edited by Linda Kaufman and Janet Stocks. The manuscript is a compilation of best practices in undergraduate research and CUR is pleased to have been part of its publication.

As your new executive officer, I look forward to working with each of you to support your efforts in undergraduate research. I also look forward to expanding both the membership of CUR and the programs and publications we offer.

Nancy H. Hensel
Executive Officer

TIMELINE

1978:

- First Directory on Undergraduate Research in Chemistry at Undergraduate Institutions (Private Liberal Arts Colleges)

1979:

- First Meeting of the Council on Undergraduate Research

1980:

- First CUR Newsletter
- CUR adopts first Constitution and By-Laws

1981:

- Council on Undergraduate Research is incorporated and receives tax exemption status

1982:

- CUR submits proposal for RUI to the National Science Board

1983:

- First Councilors admitted from public institutions
- NSF-RUI Program introduced

1984:

- Physics/Astronomy and Biology Councils are added to CUR

1985:

- CUR's First National Conference on Undergraduate Research (Colgate University)
- NIH's AREA Program introduced
- NSF-College Science Instrumentation Program (CSIP) introduced (precursor to NSF-ILI Program)
- American Chemical Society Award for Research at an Undergraduate Institution instituted with funding from Research Corporation

1986:

- Geology Council is added to CUR

1987:

- First National Conference on Undergraduate Research (NCUR) for students at Asheville, NC, cosponsored by CUR
- NSF-Research Experiences for Undergraduates (REU) Program introduced
- NSF-Instrumentation for Laboratory Improvement (ILI) Program introduced

1988:

- CUR Consulting Service introduced

1989:

- Mathematical and Computer Sciences Council is added to CUR.
- CUR begins individual membership
- First colleges and universities respond to the invitations to be CUR Sponsors to facilitate the establishment of CUR's National Office

1990:

- First summer fellowships awarded through CUR
- At-Large Council is added to CUR
- CUR Individual Membership reaches 1,000

1991:

- CUR National Office is opened at University of North Carolina at Asheville with major support from Pew Charitable Trusts and Research Corporation
- CURLS (CUR's Listserv) is introduced
- John Stevens is appointed first National Executive Officer

1992:

- National Information Center on Undergraduate Research (NICUR) is formed as a branch of CUR for data acquisition and production of directories with major sponsorship of the Merck Foundation and the Camille and Henry Dreyfus Foundation
- First Summer Undergraduate Fellowships awarded with private foundation sponsorship

1993:

- First April Dialogue (hosted by the National Institutes of Health)
- Institutional membership for colleges and universities is introduced
- Psychology Division is added to CUR
- CUR Newsletter becomes the CUR Quarterly
- Speaker's Bureau introduced
- CUR Individual Membership reaches 2,000

1994:

- Institutional Liaisons established
- First SURE summer fellowships awarded in biology with NSF-REU funds awarded to CUR

1995:

- CUR website is initiated
- CUR individual membership reaches 3,000
- CUR institutional memberships reaches 100

1996:

- First CUR Institute on How to Institutionalize Research
- CUR institutional membership reaches 200
- CUR publishes How to Get Started in Research



1997:

- First CUR Undergraduate Research Capitol Hill Poster Session
- Engineering Division is added to CUR
- CUR individual membership exceeds 3000
- Receipt of NSF Course and Curriculum Development Grant in the Biological Sciences "Research Link 2000"
- Receipt of NSF grant from Materials Sciences Division to promote linkages between PUI faculty members and PI's of NSF grants in Materials Sciences
- K. Elaine Hoagland appointed CUR's second National Executive Officer
- CUR Archives established at UNCA
- CUR National Office moves to Washington, DC
- Comprehensive external review of CUR funded by a grant from Research Corporation

1998:

- NSF Undergraduate Education Division (DUE) Division modifies its ILI, CCD, and UFEP programs into CCLI
- First Vital Faculty Institute
- CUR celebrates its twentieth anniversary and honors its founder, Brian Andreen, with the establishment of the Andreen Undergraduate Research Fellowships Endowment

1999:

- Council votes to explore expansion of CUR to all fields covered by NSF

2000:

- CUR Proposes an NSF AIRE program for Comprehensive Universities
- First CUR Fellow Awards bestowed on Mary Allen and Julio Ramirez
- First CUR Institute on Proposal Writing
- New "How to" booklet published, entitled How to Develop and Administer Institutional Undergraduate Research Programs
- CUR begins production of online, searchable CUR Directories of Research at Primarily Undergraduate Institutions

2001:

- Social Sciences Division formed
- CUR Affinity Groups initiated
- New Mission Statement approved, widening CUR's purview to include all academic institutions and all academic fields
- Online Peer Reviewers' Registry begun
- "How To" booklet published: How to Get a Tenure-Track Position at a Predominantly Undergraduate Institution

2002:

- Undergraduate Researchers' Registry fully operational, yielding income for summer fellowships program
- New Values Statement approved, re-emphasizing core focus on PUIs
- First CUR-lead faculty retreat on a PUI campus
- New features developed for CUR Quarterly: "Undergraduate Research Highlights" and "Institutional Highlights"
- First CUR symposium on Research Ethics, with web resource center
- Draft strategic plan developed and presented to the Council
- "How To" Booklet published: How to Mentor Undergraduates

2003:

- Strategic Plan adopted
- Institutional membership reaches 387
- CUR reaches out to Canada

2004:

- CUR establishes a task force on diversity
- Presidents Emeritus added to Council
- 25th Anniversary celebrated
- Reinvigorating Undergraduate Research: Successful Models Supported by NSF's AIRE/RAIRE Programs is published
- Dr. K. Elaine Hoagland retires as National Executive Officer
- Dr. Nancy H. Hensel becomes third Executive Officer



GROWTH, GOVERNANCE & ADMINISTRATION

Growth & Planning

After three years of discussions about a strategic plan and review of a draft document from the Strategic Planning Committee, CUR adopted a Strategic Directions document at its June, 2003 meeting. The development of a strategic plan was begun during Mike Nelson's term as CUR President. Toufic Hakim served as chair of the committee appointed by President Nelson. The committee presented its report and recommendations at the June 2002 CUR meeting at Connecticut College. In February 2003 the executive board further revised the Strategic Directions document distilling it into two pages. The revised document was endorsed at the June 2003 annual meeting at Ursinus College.

"Crossing Boundaries" was the theme for the 2004 Biannual Conference at the University of Wisconsin-La Crosse. The theme was represented at the conference by sessions involving interdisciplinary research as well as successful programs involving ethnically and racially diverse students in undergraduate research. The last day of the conference focused on community-based research. Prior to the conference, the national executive officer developed an on-line survey on community-based research. The results of the survey are posted on the CUR website.

Governance

CUR continues to be governed by its Executive Board with input from its Council. The Council is responsible for the programmatic elements of the organization, through its disciplinary divisions and committees. Active affinity groups are in the fields of biochemistry, environmental research, arts & humanities, undergraduate research programs, and college administration. The Social Science Division, created in 2001 continues to grow. After the adoption of the Strategic Directions document, a new division was added for past-presidents (Emeritus). Dr. Kerry Karukstis, Professor of Chemistry, Harvey Mudd College prepared detailed guidelines for new CUR councilors and

division chairs. The document is available on-line and was distributed to new councilors and division chairs at the 2004 annual meeting.

Administration and Finance

The Finance Committee meets regularly by conference call to oversee the budget and to review financial reports. A two-year budget cycle has been developed to take into consideration the biannual nature of the national conference. Annual audits are regularly conducted and have shown no deficiencies. CUR is current in all federal, state, and local reporting.

The lease was renewed for the next five years with favorable rates. The office has been painted and new carpeting was installed. Postal equipment and some computers were replaced. A new contract was signed for office software, including software support. An LCD projector was purchased for the office.

The Investment Committee has continued to track long-term investments. It rebalanced the portfolio in 2003 to adjust for increased stock values relative to bonds. At the June annual meeting, the Executive Board adopted recommendations from the Finance Committee for a spending formula for the endowment. CUR solicited funds from a number of corporate donors for the CUR Summer Fellowships and support of our national meetings. Dues from individuals and institutions remain the backbone of support for membership programs.

CUR Executive Board

July 1, 2002 - June 30, 2003

PRESIDENT: Mitchell Malachowski, University of San Diego

IMMEDIATE PAST PRESIDENT: Michael Nelson, University of Wisconsin-La Crosse

PRESIDENT ELECT: Jill Singer, Buffalo State College

SECRETARY: Michael Tannenbaum, Marist College

TREASURER: John Idoux, Tarleton State University

AT-LARGE DIVISION CHAIR: Naomi Amos, Randolph-Macon Woman's College

BIOLOGY DIVISION CHAIR: Jeffrey Osborn, Truman State University

CHEMISTRY DIVISION CHAIR: Kerry Karukstis, Harvey Mudd College

GEOSCIENCES DIVISION CHAIR: Lori Bettison-Varga, The College of Wooster

MATHEMATICAL & COMPUTER SCIENCES DIVISION CHAIR: Pat McDonald, New College of Florida

PHYSICS/ASTRONOMY DIVISION CHAIR: Jeffrey Collett, Lawrence University

PSYCHOLOGY DIVISION CHAIR: Mark Zrull, Appalachian State University

SOCIAL SCIENCES DIVISION CHAIR: Beth Paul, The College of New Jersey

Ex Officio:

NATIONAL EXECUTIVE OFFICER: K. Elaine Hoagland

FINANCE COMMITTEE CHAIR: William Campbell, The University of Wisconsin-River Falls

July 1, 2003 - June 30, 2004

PRESIDENT: Jill Singer, Buffalo State College

IMMEDIATE PAST PRESIDENT: Mitchell Malachowski, University of San Diego

PRESIDENT ELECT: Timothy Elgren, Hamilton College

TREASURER: William Campbell, University of Wisconsin-River Falls

SECRETARY: Michael Tannenbaum, Marist College

AT-LARGE DIVISION CHAIR: Naomi Amos, Randolph-Macon Woman's College

BIOLOGY DIVISION CHAIR: Kelly McConaughay, Bradley University

CHEMISTRY DIVISION CHAIR: Sam Abrash, Richmond University

GEOSCIENCES DIVISION CHAIR: Lori Bettison-Varga, The College of Wooster

MATHEMATICAL & COMPUTER SCIENCES DIVISION CHAIR: Robert Hoar, University of Wisconsin-La Crosse

PHYSICS/ASTRONOMY DIVISION CHAIR: Ted Hodapp, Hamline University

PSYCHOLOGY DIVISION CHAIR: Mark Zrull, Appalachian State University

SOCIAL SCIENCE DIVISION: Julio Rivera, Carthage College

Ex Officio:

NATIONAL EXECUTIVE OFFICER: K. Elaine Hoagland

FINANCE COMMITTEE CHAIR: Brad Stith, University of Colorado at Denver

CUR National Office Staff

K. Elaine Hoagland
NATIONAL EXECUTIVE OFFICER

JoAnne Connolly-Reiche
ADMINISTRATIVE DIRECTOR

Robin Potochnik
MEMBERSHIP COORDINATOR


Dapeng Lu
INFORMATION SYSTEMS MANAGER AND WEBMASTER

Associates:

AUTOMATED GRAPHIC SYSTEMS, INC.
www.ags.com

Melinda Appel
APPELGRAFIX

Michael Saylor
BLYTHE FINANCIAL SERVICES

A person with short dark hair and glasses, wearing a striped shirt, is seen from the side, gesturing towards a large projection screen. The screen displays text about CCLI-ND Projects. The background is a warm, sepia-toned image of a conference or presentation setting.

Expected Outcomes of Funded
CCLI-ND Projects
Sets of materials for use by attending faculty that
are appropriate for their needs
Participation of faculty who are representative
of the national demographic and institutional
diversity within the included disciplines
Follow-up activities to sustain faculty who
participated in the professional development
activities

MEMBERSHIP AND GRASSROOTS LEADERS

Membership

In 2002, CUR's individual membership stood at 2652; by 2004 it stood at 3282. Institutional membership was 354 in 2002 and 388 in 2004. A full list of institutional members can be found in the appendix to this report. CUR had eight active divisions in 2003-2004: At Large (primarily administrators and unaffiliated individuals), Biology, Chemistry, Geosciences, Mathematics and Computer Science, Physics and Astronomy, Psychology, and Social Sciences. The eight CUR divisions elect members of the General Council and in turn, CUR Council Members from each Division send representatives to the CUR Committees. The Committee Chairs are appointees of the CUR President.

All CUR members are encouraged to spread the membership message to friends, new colleagues, and to their campus administration, if their institution is not already a CUR member. CUR Liaisons play a special role in communicating CUR's message on college campuses. In 2004 there were nearly 347 individuals who volunteered to be CUR Liaisons on their campuses. All received fall and spring mailings containing information to distribute about CUR programs, with special emphasis on CUR's 2004 National Conference. In addition, CUR members have been kept informed of CUR activities through our listserv. The *CUR Office Reports* and *Washington Reports* have been sent by email to CUR members.

Grassroots Leaders

CUR Committee Chairs, July 1, 2002 - June 30, 2003

Constitution & Bylaws: Ted Hodapp, Hamline University
 Consultants: Douglas Glazier, Juniata College
 CUR Fellows: Brannon Andersen, Furman University
 Finance: William Campbell, University Of Wisconsin-River Falls
 Meetings: Judith Halstead, Skidmore College
 Membership: Sam Abrash, University of Richmond & Pat Videtich, Grand Valley State University
 Nominations: Jeffrey Osborn, Truman State University
 Outreach: MaryAnn Baenninger, Middle States Commission on Higher Education

Publications: Lydia Fox, University of the Pacific & Bridget Gourley, DePauw University

Quarterly Editors: Thomas Wenzel, Bates College (Editor in Chief); Kelly McConnaughay, Bradley University & Helga Noice, Elmhurst College (Issue Editors), and Anne Skinner, Williams College (News Editor)

Summer Fellowships: Timothy Elgren, Hamilton College & Jill Singer, Buffalo State College

CUR Committee Chairs, July 1, 2003 - June 30, 2004

Constitution & Bylaws: Ted Hodapp, Hamline University
 Consultants: John Mateja, Murray State University
 CUR Fellows: Brannon Andersen, Furman University
 Finance: William Campbell, University of Wisconsin- River Falls & Brad Stith, University of Colorado-Denver
 Meetings: Diane Husic, E. Stroudsburg University; Lori Bettison-Varga, The College of Wooster
 Membership: Patricia Videtich, Grand Valley State University & Mark Zrull, Appalachian State University
 Nominations: Mitchell Malachowski, University of San Diego & Mike Nelson, University of Wisconsin-La Crosse
 Outreach: Charlotte Otto, University of Michigan-Dearborn & Naomi Amos, Randolph-Macon Woman's College
 Publications: Bridget Gourley, DePauw University & Lydia Fox, University of the Pacific
 Quarterly Editors: Thomas Wenzel, Bates College (Editor in Chief); Kelly McConnaughay, Bradley University & Linda Rueckert, Northeastern Illinois University, (Issue Editors), and Anne Skinner, Williams College (News Editor)
 Summer Fellowships: Timothy Elgren, Hamilton College & Jill Singer, Buffalo State College

2002 - 2004 CUR Councilors

The Council is the source of ideas, inspiration, and volunteers for CUR's programs. It determines the overall mission and scope of the organization, while the Executive Board performs fiduciary duties including oversight of the National Office. Council Members are elected through their Divisions to three-year terms during which they attend annual Council Meetings and serve on CUR's committees. The following individuals have served as Councilors during the period 2002 - 2004. The list is arranged first by Division and secondly, by the terminal year of the Councilor's service.

At-Large**2003**

Neal Abraham
Gary Gaffield
Harvey McMurray
Jeanne Narum
William Rauckhorst
Lauren Wilson

2004

Nora Bell
James Bundschuh
John Falconer
Frances Farnsworth
Rosalind Reichard

2005

Ellis Bell
Linda Blockus
James Gentile
Sandra Gregerman
Patricia Pukkila
Jill Salvo
Michael Tannenbaum
Theodore Williams

2006

Michael Bassman
Robert Bitting
John Falconer
Linda Freed
Gary Gaffield
Cheryl Knox
Janet Stocks
F. Sheldon Wettack

2007

Naomi Amos
Carol Bender
Thomas Blackburn
David Brakke
Mauri Ditzler
Kimberly Griffith
Robin Harris
Patricia Soochan

Biology**2003**

Kate Goddard-Doms
Karen Koster

Giselle Muller-Parker
Jeffrey Osborn

2004

Lawrence Aaronson
Barbara Byrne
Jeffrey Hughes
Stephen Loomis
Jill Manske

2005

Sylvio Codella
Paula Dehn
James Luken
Kelly McConaughay
Marcia O'Connell
Brad Stith
Marcus Webster
Jessica Young

2006

Vicki Cameron
Mary Crowe
Jeffrey Demarest
Andrew Methven
Martin Ramirez
Julio Turrens
Larry Wimmers
Daniel Wubah

2007

Amelia Ahern-Rindell
Thomas Bultman
John Cavitt
Mary Farwell
Sibdas Ghosh
Karen Lee
Louise Temple
Quinn Vega

Chemistry**2003**

Howard Black
Kim Lance
Bob Landolt
Rosemary Marusak
Sylvia Ronco

2004

Stanton Ching
Judith Halstead
Mitchell Malachowski
James Swartz

2005

Julio De Paula
Melvin Druelinger
Bridget Gourley
Diane Husic
Kerry Karukstis
Barbara Lawrence
Carlysle Salter
Thomas Wenzel

2006

Samuel Abrash
Maria Bohorquez
Alice Deckert
Timothy Elgren
Royce Engstrom
William Kwochka
Brian McNelis
Silvia Ronco
Merlyn Schuh

2007

Michael Castellani
Peter Chen
Gina MacDonald
Ricardo Rodriguez
Christopher Rohlman
Roger Rowlett
Suzanne Sherman
Jodi Wesemann

Geosciences**2003**

Ed Hansen
Michele Hluchy
Kirsten Menking
James Murowchick
Virginia Peterson
Donald Woodrow

2004

Karen Grove
Jill Singer

2005

C. Brannon Andersen
Lori Bettison-Varga
Lydia Fox
Kimberly Hannula
David Matty
William Miller, Jr.
Linda Reinen
Patricia Videtich

2006

Laura Guertin
Gregory Hancock
Kirsten Menking
Jeffrey Ryan
Robert Shuster
Deanna Van Dijk
Stephen Van Horn
Wendi Williams

2007

David Bailey
John Creasy
James Cullen
Steven Dunn
Karen Fryer
Gayle Gleason
Patricia Manley
Jeffrey Marshall

Mathematics/Computer Science

2003

Thomas Hunter
Michele Intermont
Clif Kussmaul
David Mullins
Ramin Naimi
Margaret Robinson

2004

A. Richard Alo
Bela Bajnok
Robert Hoar
Mario Martelli
Sivaram Narayan
Cheri Shakiban
Linda Thiel
Yongzhi Yang

2005

Muhammad Ali
George Mackiw
Patrick McDonald
David Shaffer
Thomas Sibley
Zsuzsanna Szaniszló
Christino Tamon

2006

Herbert Dershem
Joshua Du
Sari Hou
Joan Krone
Richard Scott

2007

Bela Bajnok
Richard Brown
Michael Fisher
Jason Miller

Physics and Astronomy

2003

Beth Cunningham
Thomas Donnelly
Maria Falbo
Nathanael Fortune

2004

Dennis Eggleston
Karen Kolehmainen
S.Narasinga Rao
Gubbi Sudhakaran

2005

Mark Biermann
Jeffrey Collett
Toufic Hakim
Sally Koutsoliotas
Wai-Ning Mei
Jay Newman
Kenneth Rumstay
Thomas Wilson

2006

Stuart Crampton
Beth Cunningham
Sasha Dukan
Ted Hodapp
Chris Hughes
John Mateja
Duncan McBride
David McGee

2007

Rexford Adelberger
Vijendra Agarwal
Mostafa Hemmati
Terry Oswalt
Stephen Padalino
Kevin Riggs
Gubbi Sudhakaran
Bryan Suits
Henry Yochum

Psychology

2003

Steven Dworkin
David Elmes
Stephen Flora
Helga Noice
Vincent Prohaska
George Spilich
Janice Steirn
Lawrence Wichlinski

2004

Maurice Levesque
Ralph Parsons
Mark Zrull

2005

MaryAnn Baenninger
Teresa Barber
Cynthia Crawford
Walter Isaac
Jenny Lowry
Kathleen Morgan
Keith Ogawa
Jonathan Vaughan

2006

Carolyn Barry
Keith Corodimas
David Elmes
Kerri Goodwin
Tara Kuther
Susan Larson
John Neuhoff
Vincent Prohaska
Michael Toggia

2007

Joanne Altman
Marie Balaban
Lauren Fowler
G. Andrew Mickley
Nancy Oley
Linda Rueckert
Robert Rycek
Debra Zellner

Social Sciences

2003

Jean Belkhir
Reed Benedict
Thomas Ford
Laurie Scheuble
Thomas Van Valey

2004

Joseph Joyce
Ida Mukenge
Amy Patterson
Elizabeth Paul

2005

Mary Borg
Shannon Crum
John Ishiyama
William Miller
Michael Steinberg

2006

Irene Fiala
Andrew Harris
James LaPlant
Teresa Lyons
John Pollock
Thomas Van Valey
Brenda Wilhelm

2007

James Ballard
Donna Brown
Andrea Chapdelaine
Susan Eve
Antonio Menendez Alarcon
Julio Rivera
Jacqueline Simpson
Julia Wallace



CUR PROGRAMS

Meetings

CUR NATIONAL CONFERENCE: About 630 persons attended CUR 2004, our 10th National Conference, at the University of Wisconsin-La Crosse. The general theme for the meeting was "Crossing Boundaries." CUR awarded its CUR Fellows Awards for excellence in fostering undergraduate research to Jerry Mohrig, Professor Emeritus, Carleton College and Andrea Halpern, Professor, Bucknell University. The topic of the first plenary session was, "Undergraduate Research: Current and Future Challenges." Cora B. Marrett, Senior Vice President for Academic Affairs for the University of Wisconsin System, spoke about the landscape of undergraduate research in the University of Wisconsin System. Dr. Carlos Gutierrez, Professor of Chemistry, California State University, Los Angeles, spoke about his work with minority students in the research laboratory. The second plenary session addressed "Science, Society and Human Impact on the Environment: Models of Interdisciplinary Research." Jill Schneiderman, Vassar College, spoke about justice as a motivation for multidisciplinary research and Mark Weaver, The College of Wooster, spoke about integrating research, teaching, and community participation in a water quality study. A new feature of the conference was several sessions on community-based research. Alanah Fitch, Loyola University of Chicago, and Ray Turner, Roxbury Community College, were the presenters.

CUR INSTITUTES: The CUR Institutes bring together faculty and administrators for three days of intensive conversation related to the topic of the workshop. These Institutes continue to be some of the most popular programs that we offer. Begun in 1996, we now offer institutes focused on three different themes. The "Vital Faculty: Issues After Tenure" Institute in support of mid-career faculty members was held in 2004 at Furman University. Faculty who come discuss issues associated with reinvigorating their professional careers and leave with goals on how to do so. Our traditional Fall CUR Institute, "Institutionalizing Undergraduate Research," was held at The College of New Jersey in 2002 and 2003. Campus teams attend this institute to develop a plan for implementing undergraduate research throughout the curriculum. The CUR Institute on "Proposal Writing" was held in July 2002 at Juniata College and in 2003 at The College of Wooster. Faculty members attending this Institute leave their workshop with a well-crafted grant proposal partly as a result of the input of the facilitators. We plan to continue to offer these institutes with additional institutes on other topics in the planning stages.

"I thoroughly enjoyed the CUR conference, both for educational and personal reasons! One of the great things about it was that Chris, John and I didn't know each other before this trip, so we found some kindred spirits on campus. The conference itself was the best I have ever attended, because it gave us personalized attention, motivated and excited us, and actually sent us home with specific action plan to try to set in place. AND it gave us the opportunity to meet people in academia who are unselfish with their ideas and more than willing to help us."

Lauren Fowler
Professor of Psychology
Weber State University

"Thanks to you, and please extend our thanks to the rest of your team for making it such a positive experience for all of the BC people. We're relatively new institutional members, but I think we've already gotten enough value from that to see the importance of institutionalizing the CUR membership too."

Louise Hainline, Ph.D.
Acting Dean of Research and Broeklundian Professor of Psychology
Brooklyn College of CUNY

MELLON FOUNDATION AWARD TO SUPPORT HBCU

FACULTY: Faculty and administrators from private historically black colleges and universities (HBCUs) were able to attend CUR meetings through funding from the Mellon Foundation. HBCU faculty and administrators from Clark Atlanta, Dillard, LeMoyne-Owen, Shaw, Spelman, Morris, Stillman, Tougaloo, Xavier (La.), Hampton, Livingstone, and Alcorn University attended twelve CUR Institutes, a Research Link 2000 meeting, and three national conferences. In addition, faculty members and students from three HBCUs were supported in attending CUR's Posters on the Hill. Several HBCU's have established offices of undergraduate research and exhibition days for student presentations.

Information and Communications

For the past four years, the CUR Quarterly was produced under the leadership of Editor-in-Chief Dr. Thomas Wenzel. Each issue included a focus topic, including Summer Fellowships, The NIH-AREA Programs, Focus on Support Staff, NSF REU Sites Program, NSF REU Sites Program II, and Creating Time for Research. Tom Wenzel will be completing his term as Editor-in-Chief in March 2005. Dr. Charlotte Otto will be the new Editor-in-Chief.

How To Series: CUR's How To series is purchased by faculty, graduate students, and administrators to assist in faculty development and to effect institutional change. In 2004, CUR published *Reinvigorating the Undergraduate Experience: Successful Models Supported by NSF's AIRE/RAIRE Programs* and reprinted *How to Mentor Undergraduates*.

CUR Website: CUR continues to archive databases/surveys that have been published on CUR's listserv and elsewhere. A listing of Undergraduate Research Celebration Days has also been published on the website. There is a searchable Individual Members Directory and a list of institutional members with links to their own websites. The website hosts a Members Only section with special information section on funding opportunities and sabbaticals.

The CUR Listserv, CUR-L, provides an open venue of discussion for all who are interested in undergraduate research and the goals of CUR, members and nonmembers alike. It is most often used for sharing of information on the environment at colleges and universities that allows research by faculty and students to flourish, such as administrative support and best practices. Job announcements are posted on a volunteer basis.

CUR Undergraduate Researchers Graduate School Registry: Currently the Registry is open to students and graduate schools/employers in the fields of Astronomy, Chemistry, Biochemistry, Biology, Physics, Mathematics, Computer Science, Geosciences, Engineering, Psychology, Sociology, and Anthropology/Archaeology. Also there is a second module for students wishing to enter the workforce upon graduation and potential employers. The survey and directories are available in a searchable electronic format.

I found the CUR Registry rich with pertinent information on both graduating seniors and rising juniors. We have posted our mailings to this new group of students.

I think you are doing a great job with the Registry.

*Robert Hayes
Executive Officer
Vanderbilt University*

Peer Reviewers Registry: The Peer Reviewers' Registry was opened to all the major federal agencies (NSF, NIH, DOE, NASA, USDA) and foundations that fund undergraduate research. There are more than 270 individuals in our database.

Outreach and Collegial Relations

During Jill Singer's tenure as president, she focused on increasing CUR's outreach to other organizations as well as other new constituencies. Several significant initiatives were undertaken to meet her goal of increasing awareness of CUR and positioning the organization as a leader in undergraduate research.

Specific activities include:

- CUR submitted a proposal to the national dissemination track of the NSF CCLI program. If the proposal is funded, CUR will provide regional workshops on institutionalizing undergraduate research and national workshops on emerging issues. The offering of regional workshops will help CUR more effectively collaborate with community colleges and minority-serving institutions.
- CUR partnered with Carnegie Mellon University to publish *"Reinvigorating The Undergraduate Experience"*. This publication profiles 18 institutions supported by NSF's AIRE/RAIRE program.
- CUR co-sponsored two of the 2003 PKAL Assemblies: the September Assembly held at Oberlin College and the December Assembly hosted by Agnes Scott College. Members also participated in the annual NCUR conference.
- CUR members participated in NSF's Division of Undergraduate Education conference on the impact of the CCLI program and presented a poster session on lessons learned from CCLI grants to primarily undergraduate institutions and conducted a workshop on developing campus-wide and departmental undergraduate research programs.
- CUR members participated in the conference on facilitating interdisciplinary research held at the National Academy of Science including presenting a poster session on successful models of interdisciplinary research with undergraduates. A CUR member participated in one of the plenary sessions on successful models of engaging students in interdisciplinary research.

CUR continued its ongoing collaborations with sister organizations including Sigma Xi, AAHE, the National Association of Biology Teachers, the American Chemical Society, the American Society for Microbiology, the American Institute of Biological Sciences, the American Geological Institute, AAAS, the National Research Council, the National Conferences on Undergraduate Research, Project Kaleidoscope, the American Psychological Association, the American Sociological Association, and the Undergraduate Research Community for the Human Sciences.

CUR members presented the CUR message at many educational society meetings and conferences, including the annual meetings of the American Chemical Society, the Geological Society of America, AAAS, AAHE, NCUR, FASEB, and the American Mathematical Society.

Government Relations

CUR has continued to work with federal agencies and Congress, as appropriate, to promote the CUR message. The National Office has had someone attend the NSF Advisory Committee meetings as appropriate. The National Office has also had discussions with the National Science Board concerning undergraduate research issues and the evaluation of the REU program. A paper was sent to the House Science Committee in support of the Math-Science Partnerships Program at the National Science Foundation. The CUR Washington Report, an electronic newsletter for members, detailed these and other activities. It also announced new funding opportunities especially suited to CUR members at primarily undergraduate institutions or those at any college or university wishing to focus on undergraduate research.

The National Academy of Sciences' Committee on Science, Engineering, and Public Policy is doing preliminary work for the topic: "Public Service in the Mission of American Universities" to see if further attention to the issue is warranted. CUR urged the inclusion of primarily undergraduate institutions in any future NAS study that is undertaken.

"I think what CUR has done to influence federal policy over the past 15 years, where I have seen changes is laudable and the organization and its members should be congratulated for bringing back federal support for undergraduate participation in research at PUI's.

*Lawrence L. Espey, Ph.D.
Cowles Distinguished Professor
Department of Biology
Trinity University*



SPECIAL PROGRAMS FOR UNDERGRADUATES

CUR Summer Undergraduate Research Fellowships

The *Undergraduate Research Fellowship Program* of the Council on Undergraduate Research provides support for a seminal experience in the life of an undergraduate science, mathematics, or engineering student — 10 weeks of research with a faculty mentor, and the chance to travel to give a paper or poster at a scientific meeting. The fellowship gives students an opportunity to learn exactly what a scientific career is about, while contributing original thought and making significant discoveries.

CUR members, friends, graduate schools (through subscription to our Undergraduate Researchers' Graduate School Registry) and our corporate and government sponsors make our awards possible. CUR contributes all management costs of the undergraduate research fellowship program. In 2003 and 2004, a total of 12 awards were made — three in chemistry, four in biology, two in social sciences, and one each in mathematics/computer science, and psychology. We awarded two Andreen Fellowships with income from our endowment named in honor of our founder, Brian Andreen, and funds from an anonymous donor, supplemented by CUR's own funds. The awards were made in the fields of social science and biochemistry. The American Psychological Foundation supported one psychology fellowship.

Students and faculty mentors continued to praise the undergraduate research fellowship program. We received many more high-quality applications than we could support. We are becoming more aware of the transformational nature of the undergraduate research experience, especially for students who would otherwise have to work at a job unrelated to their science education. We believe that many of the talented students who receive CUR undergraduate research fellowships would not pursue successful careers in science without this opportunity at this critical stage in their young careers. This may be especially true for students who come from backgrounds without peer or

adult role models in scientific endeavors, and who have to support themselves during their college years.

"I wanted to thank you for this funding opportunity. Alison Groeger (the undergraduate funded by this fellowship) presented her work last weekend at the South East Yeast Meeting and was awarded first prize for outstanding undergraduate poster presentation. Allison also just found out that she has been accepted into the Rockefeller University Summer Undergraduate Research Fellow Program in NYC. This is a highly competitive program, and she would not have been accepted without her previous CUR funded summer research experience. I think that funding provided by CUR has significantly impacted her career - thank you again."

Mary E. Miller
Assistant Professor
Department of Biology
Rhodes College

Undergraduate Research Posters on the Hill: In 2003 and 2004, CUR sponsored undergraduate research poster sessions on Capitol Hill, with introductory remarks by Congressman Rush Holt (D, NJ). In 2003, 70 students from 30 states delivered research posters. In 2004, CUR's volunteer reviewers chose 80 students from 32 states to present their work. Students have the opportunity to meet with their legislators in their offices as well as at the poster session to thank them for federal funding and to ask them to continue support for the programs that provide funds for undergraduate research. In 2003 and 2004 NASA provided support for nine of its Undergraduate Student Research Program students to present their research.

"Thanks for the info, and for helping to put together such a fine event. This was my 4th visit to Posters on the Hill, and greatly surpassed any of my experiences in the past. Well done!"

Lawrence R. Aaronson, Ph.D.
Professor of Biology and Dean of Arts and Sciences
Utica College



SPECIAL PROGRAMS FOR FACULTY DEVELOPMENT

CUR Consulting: The CUR Consulting Program includes departmental reviews, divisional reviews, and on-campus facilitations and workshops. Biology conducted four reviews in 2004, chemistry conducted one review as did mathematics.

"The CUR team conducted a comprehensive and instructive review of our entire science division at Moravian College. Their assessment and recommendations were clear, informed, and most productive. Our CUR reviewers suggested a number of important measures for improvement, but perhaps more significantly, they provided a framework for ongoing development of our own plans and actions to strengthen the natural sciences. Their guidance has been timely and central to our implementation of an institutional strategic initiative to further develop science programs, faculty, and facilities at Moravian."

Ervin J. Rokke,

President, Moravian College



RECOGNITION: THE CUR FELLOWS AWARD

The Council on Undergraduate Research presented two CUR Fellows Awards at its 2004 National Conference. The recipients were Jerry Mohrig, Professor Emeritus, Carleton College and Andrea Halpern, Professor, Bucknell University. With these Fellows Awards, CUR celebrates individuals who exemplify the ideals of CUR.

The CUR Fellows awards, presented biannually, recognize CUR members who have developed nationally respected research programs. Awardees have established outstanding records of obtaining funding for their work and for their students, and publishing research findings with undergraduate coauthors. They reach out to students of all backgrounds, incorporate research activities into the courses they teach, and lead efforts to institutionalize research on their campuses and across the nation. In sum, they are leaders and role models for countless faculty and students at primarily undergraduate institutions.

The nominees for our award have many common personality traits. They are compassionate, nurturing mentors gifted in helping undergraduates develop their research talents and skills. Their students look to them not just as advisors, but also as trusted friends. They have an enormous impact on the careers of their students as they contribute to the body of scientific knowledge. CUR honored Jerry and Andrea this year, but in recognizing them, we also recognize and encourage the many other faculty members who are achieving the same goals.

"I worked with Professor Halpern last fall on an independent research project studying popular music recall among primed and unprimed participants. This research endeavor was by far my most challenging and fulfilling academic experience I underwent throughout my four years at Bucknell University. Professor Halpern drove me to seek answers to my own questions and challenged me to familiarize myself with the entire process of psychology research. And I loved the challenge every step of the way."

Emily Resnick
Bucknell University, 2003

"...I know of no other professor more deserving of a CUR Fellow Award than Jerry Mohrig. He has influenced dozens of students in the laboratory and hundreds more in the classroom, and he has been one of the best examples of the teacher-scholar model I have ever known. Though I am saddened that he will no longer personally guide and inspire students, I know that he will still do so indirectly through past students (like myself and many others) who have followed in Jerry's footsteps and chosen their own academic careers."

Michelle Hamm
Assistant Professor of Chemistry
University of Richmond



APPENDICES

CUR Institutional Members, 2002-2004

Adelphi University	California State University - Fullerton	CUNY - Brooklyn College	Guilford College
Agnes Scott College	California State University - Long Beach	Daemen College	Gustavus Adolphus College
Albany State University	California State University - Northridge	Davidson College	Hamilton College
Albion College	California State University - San Bernardino	Delaware Valley College	Hamline University
Albright College	California University of Pennsylvania	Denison University	Hampshire College
Alfred University	Calvin College	DePauw University	Hanover College
Allegheny College	Cameron University	Dickinson College	Hartwick College
Alma College	Canisius College	Dillard University	Harvey Mudd College
American Psychological Association	Capital University	Dominican University of California	Haverford College
Ana G. Méndez University System	Carleton College	Drake University	Henderson State University
Andrews University	Carnegie Mellon University	Drew University	Hendrix College
Appalachian State University	Carthage College	Drury University	Hobart & William Smith Colleges
Arcadia University	Cedar Crest College	Duquesne University	Hofstra University
Arnold and Mabel Beckman Foundation	Centenary College	East Carolina University	Hollins University
Assumption College	Central College	East Stroudsburg University	Hope College
Augustana College	Central Michigan University	Eastern Illinois University	Idaho State University
Austin College	Central Missouri State University	Eastern Kentucky University	Illinois Wesleyan University
Austin Peay State University	Central Washington University	Eastern Oregon University	Immaculata University
Baldwin - Wallace College	Centre College	Eckerd College	Indiana State University
Barnard College	Chapman University	Edgewood College	Indiana University Purdue University Indianapolis
Bates College	Chatham College	Elizabeth City State University	Indiana University Southeast
Belmont University	Christopher Newport University	Elizabethtown College	Indiana University-Purdue University Fort Wayne
Beloit College	Claflin University	Elmhurst College	Ithaca College
Benedictine University	Clark University	Elon University	Jacksonville University
Berea College	Coastal Carolina University	Emory University	James Madison University
Berry College	Coe College	Fairfield University	John Carroll University
Birmingham-Southern College	Colby College	Fairmont State University	Johnson C. Smith University
Bloomsburg University	Colgate University	Florida Gulf Coast University	Juniata College
Boston University	College of Charleston	Fort Lewis College	Kalamazoo College
Bradley University	College of Saint Benedict	Franklin & Marshall College	Kean University
Bridgewater State College	College of the Holy Cross	Frostburg State University	Keene State College
Brigham Young University	Colorado College	Furman University	Kennesaw State University
Bryn Mawr College	Colorado State University - Pueblo	Gannon University	Kent State University
Bucknell University	Concord University	Georgia College & State University	Kenyon College
Buffalo State College	Concordia College-Moorhead	Georgia Institute of Technology	King's College
Butler University	Concordia University, St. Paul	Georgia Southern University	Knox College
California State Polytechnic University-Pomona	Connecticut College	Georgian Court University	La Salle University
California State Polytechnic University-San Luis Obispo	Coppin State College	Gettysburg College	La Sierra University
California State University - Bakersfield		Goucher College	Lafayette College
		Grand Valley State University	LaGrange College
		Grinnell College	

CUR Institutional Members, 2002-2004 cont.

Lake Superior State University	Missouri Western State College	Pennsylvania State University at Erie - Behrend College	Slippery Rock University of Pennsylvania
Lamar University	Montana State University - Bozeman	Pepperdine University	Smith College
Lawrence University	Montclair State University	Pittsburg State University	South Dakota School of Mines and Technology
Lebanon Valley College	Moravian College	Point Loma Nazarene University	South Dakota State University
Lewis & Clark College	Mount Holyoke College	Pomona College	Southeastern Louisiana University
Linfield College	Mount Saint Mary's University	Pontifical Catholic University of Puerto Rico	Southern Illinois University Carbondale
Lock Haven University of Pennsylvania	Muhlenberg College	Presbyterian College	Southwestern University
Longwood University	Murray State University	Purdue University Calumet	Spring Hill College
Loyola Marymount University	Muskingum College	Purdue University North Central	St. Edward's University
Loyola University New Orleans	National Aeronautics and Space Administration	Quinnipiac University	St. Lawrence University
Luther College	Nazareth College of Rochester	Radford University	St. Mary's College of Maryland
Lycoming College	Nebraska Wesleyan University	Ramapo College of New Jersey	St. Mary's University
Lynchburg College	New College of Florida	Randolph - Macon College	St. Olaf College
Lyon College	New Jersey City University	Randolph - Macon Woman's College	State University of New York - College at Potsdam
Macalester College	New York Institute of Technology- Main Campus	Reed College	State University of New York at Albany
Manhattan College	Niagara University	Regis University	State College of New York - College at Brockport
Mansfield University of Pennsylvania	North Carolina A&T State University	Research Facilities Design, Inc.	State University of New York at Fredonia
Marietta College	North Carolina Central University	Rhodes College	State University of New York at Geneseo
Marist College	North Carolina State University	Roanoke College	State University of New York at New Paltz
Marshall University	North Central College	Rochester Institute of Technology	State College of New York - College at Plattsburgh
Marymount University	North Georgia College & State University	Rockhurst University	State University of New York College at Oswego
Maryville College	Northeastern Illinois University	Roger Williams University	State University of West Georgia
McDaniel College	Northeastern State University	Roosevelt University	Stephen F. Austin State University
McMurry University	Northeastern University	Rowan University	Stetson University
Mercer University	Northern Arizona University	Saint Bonaventure University	Stonehill College
Meredith College	Northern Kentucky University	Saint Cloud State University	Swarthmore College
Mesa State College	Northern Michigan University	Saint John's University	Sweet Briar College
Metropolitan State College of Denver	Northern Missouri State University	Saint Joseph College	Tarleton State University
Miami University	Norwich University	Saint Mary's College	Temple University
Michigan Technological University	Oberlin College	Saint Mary's University of Minnesota	Texas Wesleyan University
Middle Tennessee State University	Occidental College	Saint Michael's College	The College of New Jersey
Middlebury College	Oglala Lakota College	Salem State College	The College of Saint Scholastica
Millikin University	Ohio Wesleyan University	Salisbury University	The College of William & Mary
Millsaps College	Oklahoma Christian University	San Jose State University	The College of Wooster
Minnesota State University, Mankato	Oklahoma City University	Scripps College	
Minnesota State University, Moorhead	Pacific Lutheran University	Shippensburg University	
Missouri Southern State College	Palm Beach Atlantic University	Shorter College	
		Skidmore College	

The Evergreen State College	University of Nebraska at Kearney	University of St. Thomas	Washburn University
The Richard Stockton College of New Jersey	University of New England	University of Tennessee at Chattanooga	Washington & Jefferson College
The University of the South	University of New Mexico	University of Tennessee at Knoxville	Washington & Lee University
Tougaloo College	University of North Carolina at Asheville	University of Texas at Brownsville	Wayne State College
Towson University	University of North Carolina at Charlotte	University of Texas of the Permian Basin	Weber State University
Transylvania University	University of North Carolina at Greensboro	University of the Pacific	Wellesley College
Trinity College	University of North Carolina at Pembroke	University of the Sciences in Philadelphia	West Virginia Wesleyan College
Trinity University	University of North Carolina at Wilmington	University of West Florida	Western Carolina University
Truman State University	University of North Florida	University of Wisconsin - Eau Claire	Western Oregon University
Union College	University of North Texas	University of Wisconsin - La Crosse	Western Washington University
Union University	University of Northern Iowa	University of Wisconsin - Oshkosh	Westminster College
Universidad del Este	University of Pittsburgh at Bradford	University of Wisconsin - River Falls	Westminster College
University of Alaska - Anchorage	University of Portland	University of Wisconsin - Superior	Wheaton College
University of California - Los Angeles	University of Puerto Rico at Arecibo	University of Wisconsin - Whitewater	Wheaton College
University of Central Arkansas	University of Puget Sound	Ursinus College	Wheeling Jesuit University
University of Central Florida	University of Richmond	Utah State University	Whitman College
University of Central Oklahoma	University of Saint Thomas	Utica College of Syracuse University	Widener University
University of Colorado at Colorado Springs	University of San Diego	Valdosta State University	Wilkes University
University of Connecticut	University of Scranton	Valley City State University	Willamette University
University of Evansville	University of South Carolina - Aiken	Valparaiso University	William Paterson University
University of Illinois at Springfield	University of South Carolina - Columbia	Vassar College	Williams College
University of Louisville	University of South Carolina - Upstate	Villa Julie College	Winthrop University
University of Maine at Farmington	University of South Dakota	Villanova University	Wittenberg University
University of Maine at Presque Isle	University of Southern Indiana	Virginia Military Institute	Wofford College
University of Mary Washington	University of Southern Maine	Wabash College	Worcester Polytechnic Institute
University of Michigan - Dearborn	University of St. Francis	Wake Forest University	Xavier University
University of Minnesota - Duluth		Warren Wilson College	Xavier University of Louisiana
University of Minnesota - Morris		Wartburg College	Youngstown State University
University of Montevallo			

CUR FINANCIAL SUPPORT, 2002-2004

The Council on Undergraduate Research thanks its many friends who generously give to support CUR programs, including the undergraduate summer research fund, CUR National Conferences, CUR publications, and general operating support. In addition to the monetary gifts that are recognized below, we would like to acknowledge the many institutions and individuals who have provided in-kind services and resources. We particularly thank the colleges and universities who have hosted meetings and provided travel support and release time for their faculty and administrators to attend our council and board meetings. These institutions, together with our institutional members, provide critical support to the mission of CUR.

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THE COUNCIL ON UNDERGRADUATE RESEARCH STATEMENTS OF FINANCIAL POSITION

THE COUNCIL ON UNDERGRADUATE RESEARCH SUPPLEMENTAL STATEMENT OF REVENUE AND EXPENSES BY PROGRAM For the year ended June 30, 2004

	Administration	Mellon Grant	NASA Grant	CUR Fellows	Summer Fellowships	Membership	Informatics	Conferences/ Meetings	Publications	Total
Revenue										
Conferences/ meetings	\$ -	-	-	-	-	\$ -	-	\$ 366,286	-	\$ 366,286
Contributions and grants	1,510	19,871	15,200	3,770	24,008	-	-	-	12,000	76,359
Information services	2,500	-	-	-	-	-	-	-	-	2,500
Investment income	105,804	-	-	-	-	-	-	-	-	105,804
Membership dues	-	-	-	-	-	375,441	-	-	-	375,441
Publications	-	-	-	-	-	-	705	-	17,441	18,146
Total revenue	109,814	19,871	15,200	3,770	24,008	375,441	705	366,286	29,441	944,536
Expenses										
Advertising	5,581	-	-	-	-	-	-	1,005	-	6,586
Bad debt	610	-	-	-	-	-	-	-	-	610
Bank charges	5,751	-	-	-	-	-	-	-	-	5,751
Benefits	50,704	-	725	-	-	4,944	-	10,332	1,126	67,831
Conferences/ meetings	3,231	13,025	-	-	-	2,217	-	143,868	-	162,341
Depreciation	1,926	-	-	-	-	-	-	-	-	1,926
Equipment rental	2,865	-	-	-	-	-	-	-	-	2,865
Insurance	4,238	-	-	-	-	-	-	-	-	4,238
Internet	3,481	-	-	-	-	-	-	-	-	3,481
Postage	4,311	-	-	-	-	3,282	-	1,815	7,742	17,150
Printing	2,739	-	-	-	-	8,262	-	23,420	46,830	81,251
Professional fees	9,012	1,750	-	-	-	-	-	22,926	-	33,688
Rent	48,995	-	-	-	-	-	-	-	-	48,995
Salaries	107,122	-	12,497	-	-	57,137	-	87,133	22,033	285,922
Stipends	-	-	-	2,000	22,500	400	-	-	-	24,900
Supplies	7,659	-	-	474	3,405	310	-	4,356	-	16,204
Telephone	4,081	-	-	-	-	147	-	167	-	4,395
Travel	18,425	5,096	1,978	1,296	2,000	1,644	-	14,374	-	44,813
Total expenses	280,731	19,871	15,200	3,770	27,905	78,343	-	309,396	77,731	812,947
Change in net assets	\$ (170,917)	\$ -	\$ -	\$ -	\$ (3,897)	\$ 297,098	\$ 705	\$ 56,890	\$ (48,290)	\$ 131,589

THE COUNCIL ON UNDERGRADUATE RESEARCH
SUPPLEMENTAL STATEMENT OF REVENUE AND EXPENSES BY PROGRAM
For the year ended June 30, 2003

	Administration	Mellon Grant	NASA Grant	NIH Grant	ORI Grant	Summer Fellowships	Membership	Informatics	Conferences/ Meetings	Publications	Total
Revenue											
Conferences/meetings	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,484	\$ -	\$ 200,484
Contributions and grants	11,299	18,647	7,100	1,223	3,000	10,011	-	-	-	-	51,280
Information services	-	-	-	-	-	-	-	2,937	-	-	2,937
Investment income	55,491	-	-	-	-	-	-	-	-	-	55,491
Membership dues	-	-	-	-	-	-	371,575	-	-	-	371,575
Publications	-	-	-	-	-	-	-	-	-	28,560	28,560
Total revenue	66,790	18,647	7,100	1,223	3,000	10,011	371,575	2,937	200,484	28,560	710,327
Expenses											
Advertising	-	-	-	-	-	-	450	-	90	110	650
Bad debt	915	-	-	-	-	-	-	-	-	106	1,021
Bank charges	4,604	-	-	-	-	-	-	-	4,906	-	9,510
Benefits	52,347	-	-	-	-	-	14,082	-	5,988	4,993	77,410
Conferences/meetings	-	9,959	-	-	-	-	1,336	-	74,215	-	85,510
Depreciation	2,899	-	-	-	-	-	-	-	-	-	2,899
Dues and memberships	3,144	-	-	-	-	-	2,496	-	-	-	5,640
Equipment rental	4,095	-	-	-	-	-	-	-	-	-	4,095
Insurance	4,517	-	-	-	-	-	-	-	850	-	5,367
Internet	1,215	-	-	-	-	-	600	-	400	242	2,457
Postage	4,643	-	65	-	-	-	3,866	-	250	5,804	14,628
Printing	9,991	-	2,610	-	-	983	2,604	-	3,835	45,462	65,485
Professional fees	8,979	3,000	-	-	-	-	-	-	13,959	-	25,938
Rent	40,333	-	-	-	-	-	-	-	-	-	40,333
Repairs and maintenance	261	-	-	-	-	-	-	-	-	-	261
Salaries	108,558	500	4,425	-	2,770	-	80,453	-	80,915	13,721	291,342
Stipends	-	-	-	-	-	9,800	-	-	1,015	-	10,815
Supplies	5,137	-	-	71	230	1,000	1,202	-	3,561	251	11,452
Telephone	2,365	-	-	-	-	-	690	-	914	65	4,034
Travel	5,503	5,188	-	1,152	-	-	1,554	-	6,513	-	19,910
Total expenses	259,506	18,647	7,100	1,223	3,000	11,783	109,333	-	197,411	70,754	678,757
Change in net assets	\$ (192,716)	\$ -	\$ -	\$ -	\$ -	\$ (1,772)	\$ 262,242	\$ 2,937	\$ 3,073	\$ (42,194)	\$ 31,570

GOALS FOR 2005 AND BEYOND

CUR's goals for the immediate future are to solidify its programming in the natural, physical, and social sciences while expanding opportunities to serve whole campuses with the undergraduate research message. We will do so by expanding our CUR Consulting and Mentoring programs, as well as our CUR Institutes and other meetings. We will offer programming on-site as well as at professional meetings. We will continue to improve our services to faculty and administrators at minority-serving institutions, to our Canadian friends, and to colleagues at research universities that share our central values and goals.



POSTSCRIPT

CUR could not provide its programs without the support and hard work of our individual members and all those who volunteer to produce the content of CUR programs. We thank you. We ask all who share our mission to provide advice and suggestions so that we can continually improve our services and our effectiveness in promoting undergraduate research.



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