



STRENGTHENING OUR VOICE

TRIENNIAL REPORT 2009-2011



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 institutions that serve undergraduate students. CUR believes that faculty members enhance their teaching and contribution to society by remaining active in research and by involving undergraduates in research and students enhance their learning through 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 and all academic disciplines. Our primary advocacy is in support of faculty and students at the undergraduate level. CUR achieves its vision through efforts of its membership as organized in a divisional structure that includes arts and humanities, biology, chemistry, geosciences, health sciences, mathematics and computer science, physics and astronomy, psychology, social sciences, undergraduate research program directors, 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

These are exciting times for undergraduate research. CUR has grown dramatically over the past three years, to more than 600 institutional members—including some universities in other countries—and 7,000 individual members. We've added a new division: Health Sciences. And the National Conferences on Undergraduate Research (NCUR) has joined us, giving us new opportunities to provide services for students, as well as to faculty and their colleges and universities.

In recent years, undergraduate research, scholarship, and creative activity has been recognized by various researchers as a high-impact practice in higher education. Growing numbers of colleges and universities are building undergraduate research into their curricula, hold annual symposia featuring undergraduate researchers, and provide grants supporting undergraduate. Professional organizations in higher education now address issues of interest to the undergraduate research community, and many include undergraduate researchers in their annual conferences.

The future of higher education is murky, given the pressures of shrinking budgets at local, state, and federal levels; increasing student debt; and ongoing controversies about the place of higher education in our society. We cannot predict how these issues will be resolved, of course, but at least we know that undergraduate research has become integral to higher education; we are part of the solution.

Bill Campbell, President

Beth Paul, Past President

"The experience and process that CUR brings to an institute on undergraduate research is phenomenal. University of Nebraska at Kearney has twice sent teams, and each time we've come away with a practical, challenging, and achievable plan that is tailor-made to our campus. We have relied heavily on CUR for more than a decade."

- John Falconer, University of Nebraska at Kearney

OVERVIEW FROM THE EXECUTIVE OFFICER

The Council on Undergraduate Research has experienced tremendous growth and change in the past three years. Perhaps most significant is the unification of CUR in 2010 with the National Conferences on Undergraduate Research (NCUR). With NCUR becoming a part of CUR, new programs to serve students can be developed and CUR will truly be the national voice of undergraduate research. CUR celebrated the unification with a reception at the Library of Congress in October 2010. Subra Suresh, Director of the National Science Foundation, was the keynote speaker and three students representing science, social science and the humanities spoke about their undergraduate research experiences. Also that week, CUR held a Congressional briefing on innovation and undergraduate research and a National Press Club event to release two new books. In the spring of 2011 CUR celebrated Undergraduate Research week. Representative Rush Holt (NJ) introduced legislation to designate mid April as Undergraduate Research Week.

CUR has also introduced two new membership programs. The first new program was designed to involve state university systems as members of CUR. To date we have six system members: University of Maine System; University of Wisconsin System; California State University System; Pennsylvania State System of Higher Education, New Hampshire University System; and the Kentucky Council on Post Secondary Education. In 2009 CUR introduced the enhanced membership program that allows institutions to have all of their faculty become members of CUR. The first year about 40 campuses became enhanced members and to date there are 105 enhanced members.

In 2010 CUR also began offering CUR Dialogues on an annual basis.

As your executive officer, I have appreciated the support of CUR members to advance the mission of undergraduate research. The future of CUR is very positive as it looks forward to expanding the membership of CUR and the programs, services and publications it offers.

Nancy H. Hensel
Executive Officer
2004-2011

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.

TIMELINE CONTINUED

- 1990:
- First summer fellowships awarded through CUR.
 - At-Large Council is added to CUR.
 - CUR Individual Memberships reach 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 Camill 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 Memberships reach 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 Memberships reach 3,000.
 - CUR Institutional Memberships reach 100.
- 1996:
- First CUR Institute on How to Institutionalize Research.
 - CUR Institutional Memberships reach 200.
 - CUR publishes How to Get Started in Research.
 - Comprehensive external review of CUR funded by a grant from Research Corporation.
- 1997:
- First CUR Undergraduate Research Capitol Hill Poster Session.
 - Engineering Division is added to CUR.
 - CUR Individual Memberships exceed 3000.
 - Receipt of NSF Course and Curriculum Development Grant in the Biological Sciences “Research Link 2000.”

TIMELINE CONTINUED

1997 (continued)

- 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.

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".

TIMELINE CONTINUED

2002 (continued)

- 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 Undergraduate Researchers*.

2003:

- Strategic Plan adopted
- Institutional memberships reach 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.

2005:

- CUR holds first *Mentorship, Collaboration and Undergraduate Research in the Social Sciences and Humanities Institute* at Bridgewater State College in Bridgewater, Massachusetts.
- CUR Undergraduate Research Program Director’s Division formed.
- New Web site and *CUR Quarterly* design.

2006:

- CUR holds first Initiating and Sustaining Undergraduate Research Institute at James Madison University in Harrisonburg, Virginia.
- Institutional Memberships reach 440.
- CUR receives NSF/ATE grant.
- CUR conducts a self study and external review.
- CUR receives NSF/CCLI grant.
- CUR chosen for Carnegie Academy of Scholarship of Teaching and Learning Program.

2007

- CUR introduces University System Memberships.
- The Pennsylvania State System of Higher Education is the first system member with 14 institutions.
- CUR revises governance structure at 2007 business meeting.
- CUR offers five regional workshops through the NSF/CCLI grant.
- CUR releases its first full-length book, *Developing and Sustaining a Research-Supportive Curriculum: a Compendium of Successful Practices*, at the National Press Club.
- CUR holds a Congressional Briefing with the American Chemical Society, “Undergraduate Research: What It Means for U. S. Competitiveness.”

TIMELINE CONTINUED

2008

- CUR holds first institute for early career faculty, *Beginning a Research Program at Predominately Undergraduate Institutions*, at Davidson College.
- Institutional memberships reach 576.
- CUR holds first international institute at Malaspina University-College at Nanaimo, British Columbia.
- CUR adds Humanities/Fine Arts division.
- CUR increases advocacy efforts by hiring Washington Partners.
- CUR adopts policy for international members.
- CUR and NCUR meet to discuss increased collaborative efforts.

2009

- CUR begins offering Enhanced Memberships.
- CUR receives National Science Foundation Research Corporation for Advancing Science, and Petroleum Research Fund grants to support a transformative research summit.
- CUR receives National Science Foundation Course, Curriculum, Laboratory Improvement grant of \$999,999 to work with consortia and state systems.
- CUR receives National Science Foundation Course, Curriculum, Laboratory Improvement grant to support work with community colleges.
- CUR publishes *Undergraduate Research and Community Colleges*.
- CUR is appointed to the Advisory Committee to the US House of Representatives STEM Caucus.
- CUR signed on to two congressional briefings as a sponsor: “Building a Diverse Scientific Workforce: Collaboration for a Competitive and Healthy Nation.” The second briefing was for new Members of Congress and was sponsored by the STEM Ed Coalition.

2010

- CUR participates in the Australian Inaugural Summit on Undergraduate Research.
- CUR publishes *Transformative Research at Predominately Undergraduate Institutions*.
- CUR hosts first international conference in Liverpool, England in collaboration with the International Society for the Study of Teaching and Learning.
- CUR collaborates with The College of William and Mary for an undergraduate research conference.
- CUR collaborates with the Association of American Colleges and Universities Networking Conference on Undergraduate Research.
- CUR celebrates the joining of CUR and NCUR with a reception at the Library of Congress.
- CUR releases *Reading, Writing, and Research: Undergraduate Students as Scholars in Literary Studies* by Laura Behling and *Science in Solution: The Impact of Undergraduate Research on Student Learning* by David Lopatto at the National Press Club.
- CUR hosts two Congressional Briefing “Undergraduate Research and American Innovation” and “Transformative Research at Predominately Undergraduate Institutions.”
- CUR gives Honorary CUR Fellows Award at Posters on the Hill to the Honorable Vernon Ehlers (MI) and Arden Bement, Director of the National Science Foundation.
- CUR offers CUR Dialogues annually.
- Congress passes resolution to declare Undergraduate Research Week in April 2011.
- CUR approves a new division for health sciences.

TIMELINE CONTINUED

2011

- CUR hosts first Posters on the Hill luncheon briefing for arts and humanities students, “Preserving Knowledge, Creating Knowledge.”
- CUR gives Honorary CUR Fellows Award at Posters on the Hill to the Honorable Rush Holt (NJ).
- CUR publishes *Advancing Undergraduate Research Marketing, Communication and Fundraising* by Joyce Kinkead, an update to *How to Mentor Undergraduate Researchers* by Louise Temple, Thomas Sibley and Amy Orr, and *A Practical Handbook for Supporting Community-Based Research with Undergraduate Students* by Deanna Cooke and Trisha Thorne.
- CUR celebrates Undergraduate Research Week.
- CUR hosts two Congressional Briefings “An Undergraduate Research Think Tank and National Security” and “Undergraduate Research at Community Colleges: A Path to Workforce Development and Innovation.”
- CUR hosts first Conference for students participating in National Science Foundation Research Experiences for Undergraduates.
- CUR hosts second international conference in Milwaukee, WI.
- Executive Director Nancy Hensel resigns to become President of the New American Colleges and Universities.



CUR-NCUR Celebration October 2010 at the Library of Congress.

GROWTH, GOVERNANCE, ADMINISTRATION

CUR National Office Staff:

Nancy H. Hensel
Executive Officer

Robin Howard, Senior Director
Membership Services, Operations and Information Technology

Lindsay Currie, Director
Communications and Membership

MeLisa Zackery, Director
Conference and Meeting Services

Shontay Kincaid
Project Manager
Comprehensive Support for Faculty, Institutions, State Systems and Consortia

Athenae Belton
Accounting Specialist

Associates:

Ellin Nolan, President
Della Cronin, Vice President for Legislative and Public Affairs
Audrey Busch, Senior Legislative Associate
Washington Partners, LLP

Michael Saylor
Blythe Financial Services

Geoff Secker, Auditor
Secker and Associates

Our special thank you to Dr. Hensel and the entire CUR organization for the collaborative 2007/08 project on Institutionalizing Undergraduate Research. The two day training (hosted by West Chester University) for faculty members from West Chester University, Cheyney University, and Lincoln University was very much appreciated.

-Michael Ayewoh, Westchester University of Pennsylvania.

Growth & Planning:

CUR has experienced significant growth in membership and programming in the last three years. The enhanced membership has provided more financial stability to CUR and has also provided a committed group of institutions who can be called upon to support CUR's advocacy efforts and other kinds of support. CUR has recently begun a more formal process of providing consulting services to campuses. In the past three years CUR has been contracted to work with three state systems and several campuses. CUR has recently hired a marketing firm to assist with promotion of CUR conferences and institutes. In October 2011 coordinators and facilitators of CUR institutes came together for a two day meeting to further develop the institutes so they could be more widely marketed.

Governance:

CUR is governed by its Executive Board with input from its Council. 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 each June and serve on CUR's committees. The Council is responsible for electing the CUR president, approving changes to the Constitution and By-Laws, and approving any changes to the CUR mission. Active affinity groups are in the fields of biochemistry, environmental research, arts & humanities, undergraduate research programs, college administration, engineering, research university issues, and Canadian issues. Three individuals from the former NCUR Board of Governors were added to the CUR Board in 2011 when the two organizations joined. The CUR Executive Board realized that the current governance structure may be becoming unwieldy and inhibiting growth so a consultant has been hired to assist CUR to review the current structure and make recommendation for possible changes.

Administration and Finance:

The Finance Committee meets regularly by conference call to oversee the budget and to review financial reports. Annual audits are regularly conducted and have shown no deficiencies. CUR is current in all federal, state, and local reporting.

The Investment Committee tracks long-term investments. Current members of the Investment Committee are the president, treasurer, president-elect and executive officer. CUR's reserve funds and the Andreen Fund are managed by Merrill Lynch. Quarterly reports from Merrill Lynch are shared with the Executive Board and the Investment Committee meets with the Merrill Lynch investment manager on a yearly basis. CUR has also created a designated fund to support the NCUR Conference.

Membership:

CUR's membership has been changing in the last several years from primarily individual members to primarily institutional members. Institutional memberships, including enhanced members and system members, tend to be very stable memberships. CUR's membership has also changed in terms of the types of institutions that belong. Institutional membership now includes all sectors of higher education including community colleges and research universities, historically black colleges and universities and minority-serving universities. CUR has institutional members in all states but one and in several foreign countries.



Posters on the Hill 2011

CUR PROGRAMS

Conference of Research Experiences for Undergraduates Student Scholarship:

In October 2011 CUR hosted its first conference to feature presentations by students from the National Science Foundation Research Experiences for Undergraduates programs. The two day event offered sessions for REU administrators and faculty, along with opportunities to meet with representatives from the National Science Foundation and other government agencies. Approximately, 70 students presented with 125 additional attendees that included faculty and NSF staff. Corby Hovis, who coordinates the REU programs spoke in addition to Joan Ferrini-Munday, Assistant Director of EHR.

Dialogues 2010 and 2011:

Both of these events were held in late February in Washington, DC. This event runs with the American Association of State Colleges and Universities Grants Resource Center (GRC) conference and Dialogues participants were able to participate in selected GRC sessions at no extra charge. The 2010 event was host to the first GRC- CUR networking event, the response from attendees was so positive the event continued in 2011 and will be held again in 2012. During the three day event the plenary speakers included: a showing of the film *Naturally Obsessed: The Making of a Scientist*; Tom Dower, Senior Climate Advisor, U.S. Senate Committee on Commerce, Science and Transportation who spoke on “Climate Change and the Legislative Landscape”; Scott Jaschik, Editor, Inside Higher Ed who tackled the “Challenges in Higher Education Today: How Undergraduate Research Relates”; and Tom Wenzel, Professor of Chemistry, Bates College, who focused on “Initiating and Sustaining a Research Program at a Predominantly Undergraduate Institution.”

In 2011, the event was host to a record number of attendees with over 400 individuals registering. The plenary speakers for this event included: Katrina Bledsoe, Research Scientist at the Education Development Center who spoke on “Culture Matters: How Cultural Contexts Influence Research”; Dr. Tonia Hsieh, Assistant Professor of Biology Temple University, who lead a discussion on “Inspiring our Next Generation of Leaders Through Undergraduate Research and Inquiry-based Learning”; followed by Jeffrey Selingo, Editor, Chronicle of Higher Education, who covered the timely issues of “Challenges in Higher Education Today: How Undergraduate Research Relates.”

Institutes:

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 one of the most popular programs that CUR offers. Begun in 1996, CUR now offers institutes focused on five different themes: Institutionalizing Undergraduate Research; Proposal Writing Institute; Mentorship, Collaboration and Undergraduate Research in the Social Sciences and Humanities; Initiating and Sustaining Undergraduate Research Programs; and Beginning a Research Program in the Natural Sciences at a Predominately Undergraduate Institutions. Two new institutes are under development. One will address integrating undergraduate research into general education courses and the other will address undergraduate research in the arts and humanities.

National Conference:

The 2010 CUR Conference was held at Weber State University in Ogden, Utah. About 500 people attended. Keynote speakers included Robert Full, Professor of Biology at the University of California, Berkeley who talked about his work with first year students and discoveries they have made; Mary Alice Morgan and two students who spoke about the anti- sex trafficking project they developed at Mercer University; and Gabrielle Foreman, Occidental College, who spoke about undergraduate research and African American literature.

Posters on the Hill:

Abstract submissions for Posters on the Hill continue to increase each year. In 2010, 750 students submitted abstracts for 74 places at Posters on the Hill. The collaboration with the American Chemical Society had increased attendance at and visibility of Posters on the Hill. In 2010 a special event at Posters on the Hill for arts and humanities students was introduced. The event was co-sponsored by the National Humanities Alliance and was offered in conjunction with the US House of Representatives Humanities Caucus.

As one of this year's participants in CUR's Posters on the Hill, I want to express my gratitude. I never thought when I started this little project called the Earth QUEST that it would provide me the opportunity to travel to Capitol Hill to present my work and speak to a congressman's legislative assistant! I never thought I would get published for the first time (or at all!) as a sophomore. I never thought I'd travel to two other national conferences to present my work and win my school's Undergraduate Researcher of the Year Award. It's all thanks to the work and merit of organizations like CUR.

I admire the work your organization does, and my trip to D.C. has opened my eyes to the future of education. I never thought I could be a part of that change. After reading up on the America COMPETES Act, the STEM education initiatives, and what CUR does, I hope to one day be a part of something as valuable.

Thank you so much for the opportunity and for advocating for undergraduate research. This project has pushed me to do things I never thought I would, but the challenges have proved to me just how much I can do.

Sincerely,

Sara Neville

Undergraduate Researcher- Penn State University, Brandywine Campus

Support for HBCU Institutions:

CUR continues to work with historically black colleges and universities. A private foundation grant funded a proposal development workshop for HBCU faculty that was held at Johnson C. Smith University. In addition to funding from a private foundation, CUR has received two grants from the National Science Foundation's Biology Directorate to fund HBCU faculty to attend the proposal development workshop.



GRANTS

CCLI-III NSF grant awarded CUR \$999,500 to improve the quality of undergraduate science, technology, engineering and mathematics (STEM) education at state college and university systems and private and public consortia. After a highly competitive selection process, CUR announced that the City University of New York, Great Lakes Colleges Association and the Pennsylvania State System of Higher Education are the selected awardees who will participate in the second phase of this project. They followed the Council on Public Liberal Arts Colleges, California State University System and the University of Wisconsin State System who recently participated in customized workshops for their campuses.

CCLI- II NSF grant awarded \$360,000 to the CUR, and its partner the National Council of Instructional Administrators (NCIA), to develop and expand undergraduate research programs at community colleges. Through this NSF grant, the NCIA/CUR partnership will develop programs, build alliances and facilitate new research opportunities for more than 450,000 two-year college students at nearly 100 community colleges. Through an earlier NSF Course, Curriculum, and Laboratory Improvement grant of \$499,000, CUR assisted 64 college campuses in establishing, formalizing and expanding undergraduate research opportunities.

Lancy Foundation supported the combining of CUR and NCUR with funds to support the transition of two organizations to one.

Transformative Research Grant funded the Transformative Research Summit in 2009 were 27 participants who discussed the ways in which predominately undergraduate institutions can engage in transformative research. Art Ellis, former Director for the Chemistry Directorate at NSF, served as facilitator. This summit was also funded by Research Corporation for Science Advancement and the American Chemical Society Petroleum Research Fund. *Transformative Research at Predominately Undergraduate Institutions* edited by Kerry K. Karukstis and Nancy Hensel represents a compilation of the many ideas that were presented during the course of the transformative research summit.

Advancing Undergraduate Research:
Marketing, Communications, and Fundraising



Joyce Kinkead

Council on Undergraduate Research

INFORMATION
AND
COMMUNICATIONS

The *CUR Quarterly* is produced under the leadership of Editor-in-Chief Dr. Kelly McConnaughay. The *CUR Quarterly* includes an international themed article in each issue, a book review section, and has an online component the *CURQ on the Web*. Faculty from enhanced institutions receive the *CUR Quarterly* electronically as do international members.

CUR E-News: CUR publishes an electronic newsletter twice a month. One issue focuses on CUR news and funding opportunities and the other issue provides an update on federal government activities from Washington Partners. The CUR E-newsletter was redesigned and expanded in 2011.

CUR Books and Monographs: Since 2008 CUR has published the following books and monographs:

Transformative Research at Predominately Undergraduate Institutions Edited by Kerry K. Karukstis and Nancy Hensel, 2009

Undergraduate Research at Community Colleges Edited by Brent Cejda and Nancy Hensel, 2009

Broadening Participation in Undergraduate Research: Fostering Excellence and Enhancing the Impact Edited by Mary K. Boyd and Jodi L. Wesemann, 2009

Reading, Writing, & Research: Undergraduate Students as Scholars in Literary Studies Edited by Laura Behling, 2009

Science in Solution: The Impact of Undergraduate Research on Student Learning by David Lopatto, 2010

Advancing Undergraduate Research: Marketing, Communications, and Fundraising by Joyce Kinkead, 2011

A Practical Handbook for Supporting Community-Based Research with Undergraduate Students by Deanna Cooke and Trisha Thorne, 2011

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. The series continues to be popular. The "How to Mentor" monograph was recently updated to include all disciplines. Other "How to" books are under review for updating.

CUR Web site: CUR is developing a new Web site that will provide more opportunities for interaction, videos, and revolving photos. With the addition of NCUR, the Web site will also have a section for student programs. An advocacy section has been added as well as an international section and a community college section.

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 Registry: Currently the Registry is open to students and graduate schools/employers in many fields. The directory is provided as a membership benefit to enhanced members that offer doctoral degrees. The directory is available in a searchable electronic format.



Julio Ramirez (pictured Above with President Obama) was recognized by the White House with the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring.

OUTREACH AND COLLEGIAL RELATIONS

Outreach and Collegial Relations:

CUR collaborates with the American Chemical Society for the evening Posters on the Hill reception and with the National Humanities Alliance for the arts and humanities luncheon event. CUR and the Grants Resource Center of the American Association of State Colleges and Universities collaborate on CUR Dialogues by sharing sessions and co-hosting a networking reception. CUR has also collaborated with the Association of American Colleges and Universities on AAC&U conferences. CUR holds its January Executive Board meeting concurrently with AAC&U and hosts a reception at the AAC&U annual conference. CUR has also collaborated with institutions to offer conferences and workshops.

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, NCUR, and the American Mathematical Society.

Government Relations:

CUR continues to work with federal agencies and the Congress as appropriate to promote undergraduate research. Washington Partners keeps CUR informed of significant actions and develops action letters on significant issues. CUR hosts at least one Congressional briefing each year. CUR is a member of the advisory committee to the US House STEM Caucus and also the Coalition for National Science Funding. In addition, CUR works with the National Humanities Alliance and Arts for Americans for advocacy in the humanities and arts.

Congressional Briefings:

2009

•CUR signed on to two congressional briefings as a sponsor: “Building a Diverse Scientific Workforce: Collaboration for a Competitive and Healthy Nation.” The second briefing was for new Members of Congress and was sponsored by the STEM Ed Coalition.

2010

•CUR hosts two Congressional Briefing “Undergraduate Research and American Innovation” and “Transformative Research at Predominately Undergraduate Institutions.”

2011

•CUR hosts two Congressional Briefings “An Undergraduate Research Think Tank and National Security “and “Undergraduate Research at Community Colleges: A Path to Workforce Development and Innovation.”

Recognition: the CUR Fellows Award:

The CUR Fellows awards are presented biennially to 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 the CUR Fellows 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.

The Council on Undergraduate Research presented the following CUR Fellows Awards:

2008 Paula Dehn, Professor and Chair of Biology, Canisius College
John Gupton, Professor of Chemistry, University of Richmond

2010 Thomas E. Goodwin, Professor of Chemistry, Hendrix College
Gilles Einstein, Professor of Psychology, Furman University

In 2010 CUR began to offer Honorary CUR Fellows Awards to people who have contributed to the mission of CUR through support for undergraduate research but are not CUR members. The awards are presented at Posters on the Hill. The following Honorary CUR Fellows have been presented:

2010 The Honorable Vernon Ehlers, Member of Congress (MI)
Arden Bement, Director, The National Science Foundation

2011 The Honorable Rush Holt, Member of Congress (NJ)

GOALS FOR 2012 AND BEYOND

CUR will continue to grow in institutional membership and internationally. The addition of NCUR provides opportunities for CUR to offer more programs and services to students. Restructuring the governance structure will assist CUR in being able to respond more quickly and effectively to new initiatives.

Wanted to thank you and offer a BRAVO for a great meeting at CSB last month. It has been a long time since I did a CUR meeting and it was a genuine pleasure. Wonderful people, great program, lovely site. It was a pleasure to participate.

Congratulations to you, the CUR staff, the folks at CSB, and the planning committee.

*Best wishes,
Richard A. Weibl, Director
Center for Careers in Science and Technology
American Association for the Advancement of Science*

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.

THE COUNCIL ON UNDERGRADUATE RESEARCH

734 15th St. NW, Suite 550

Washington, DC 20005

202-783-4810

cur@cur.org

www.cur.org