

2013-2014 ANNUAL REPORT

OFFICE OF UNDERGRADUATE RESEARCH

UNIVERSITY OF ILLINOIS



Office of Undergraduate Research
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The Office of Undergraduate Research (OUR) – Governance, Structure, and Personnel

The Office of Undergraduate Research (OUR) at the University of Illinois was created on 16 August 2012 and reports to the Provost's Office. In addition to his OUR duties, the Director is expected to carry out normal faculty research and service activities as well as reduced classroom instruction responsibilities. Until December 2013, OUR was assisted by a half-time coordinator. Starting in January 2014, OUR took over supervision of the Ethnography of the University Initiative (EUI) – see details below. Accordingly, the coordinator position was replaced by a full-time associate director position; the latter assumed responsibility for EUI as well as OUR duties previously performed by the coordinator. OUR is also assisted by a 10 hour per week undergraduate intern. EUI is assisted by a 50% time graduate assistant. Weekly planning meetings were held between the director and the staff.

An advisory committee, consisting of representatives from colleges with significant undergraduate enrollments and from units that facilitate undergraduate research, counsels the Director on a number of initiatives as well as serving as judges for the Undergraduate Research Symposium.

OUR Personnel

Director: Dr. Paul F. Diehl, Henning Larsen Professor of Political Science
Associate Director: Karen Rodriguez'G (2014)
Coordinator: Dr. Matthew Price (2013)
Undergraduate Intern: Mackenzie Kurth

2013-2014 OUR Advisory Committee

Soo-Yeun Lee, Associate Professor of Sensory Science, Division of Nutritional Sciences (ACES)
Eric Vimr, Professor of Pathobiology (Vet Med)
Laura DeThorne, Associate Professor of Speech and Hearing Sciences (AHS)
Robert Ramirez, Assistant Professor of Theatre (FAA)
Kevin Pitts, Professor of Physics (Engineering) (2013)
Michael Loui, Professor of Electrical and Computer Engineering (ENG) (2014)
Elizabeth Rockman, Associate Director, Campus Honors Program
Wallace Southerland, Director, Office of Minority Student Affairs
Michel Bellini, Associate Professor of Cell and Developmental Biology (LAS) and Interim Director,
Center for Innovation in Teaching and Learning
Dorothy Espelage, Gutsgell Professor and Professor of Educational Psychology (EDU)
Merinda Hensley, Assistant Professor, University Library and Instructional Services Librarian (Library)
Richard Johnson, Assistant Dean, College of Business (BUS)
John Randolph, Associate Professor of History and Director of Undergraduate Studies (LAS)
Patrick Vargas, Associate Professor of Advertising and Director of Graduate Studies (COM)

EUI Personnel

Program Coordinator: Karen Rodriguez'G
Co-Director: Nancy Abelmann, Associate Vice Chancellor for Research and Harry E. Preble Professor of
Anthropology
Co-Director: Sharon Irish, Affiliated Lecturer, School of Architecture
Co-Director: Merinda Hensley, Assistant Professor, University Library and Instructional Services
Librarian (Library)
Co-Director: Gina Hunter, Associate Professor of Anthropology, Illinois State University
Ex-Officio: Andrew Orta, Associate Professor and Head of Anthropology
Graduate Assistant: Noelle Easterday

OUR Philosophy Statement

OUR is guided by the philosophy that all Illinois undergraduate students should learn about current disciplinary research, take part in research discussions, and be exposed to research experiences in their regular coursework. Furthermore, where practical, an advanced research experience should be among the capstone options in all major programs of study. Undergraduate research opportunities should be designed to support the pedagogical goals and the research mission of the University.

OUR Goals

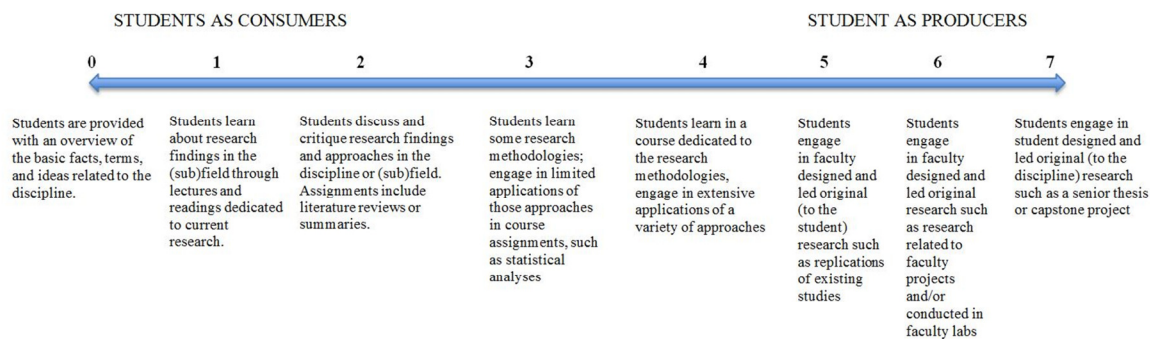
To achieve its mission, OUR seeks to:

- Inspire students and faculty to collaborate on research projects and foster a research mentoring environment that encourages and rewards collaboration,
- Disseminate best practices and models for undergraduate research to campus stakeholders,
- Assist in the development and evaluation of curricular and co-curricular structures that support undergraduate research,
- Encourage the creation of new opportunities for undergraduate research on campus,
- Coordinate and nurture undergraduate research efforts across academic units on campus, and
- Serve as a primary conduit for archiving and enhancing the awareness of undergraduate research efforts among campus stakeholders and external audiences.

Definition of Undergraduate Research

The National Council on Undergraduate Research defines undergraduate research as “an inquiry or investigation conducted by an undergraduate student who makes an original intellectual or creative contribution to the discipline.” OUR considers this definition to be better understood as aspirational and that undergraduate research is best represented as a continuum as noted in the chart below, created by our office:

A Continuum of Undergraduate Research



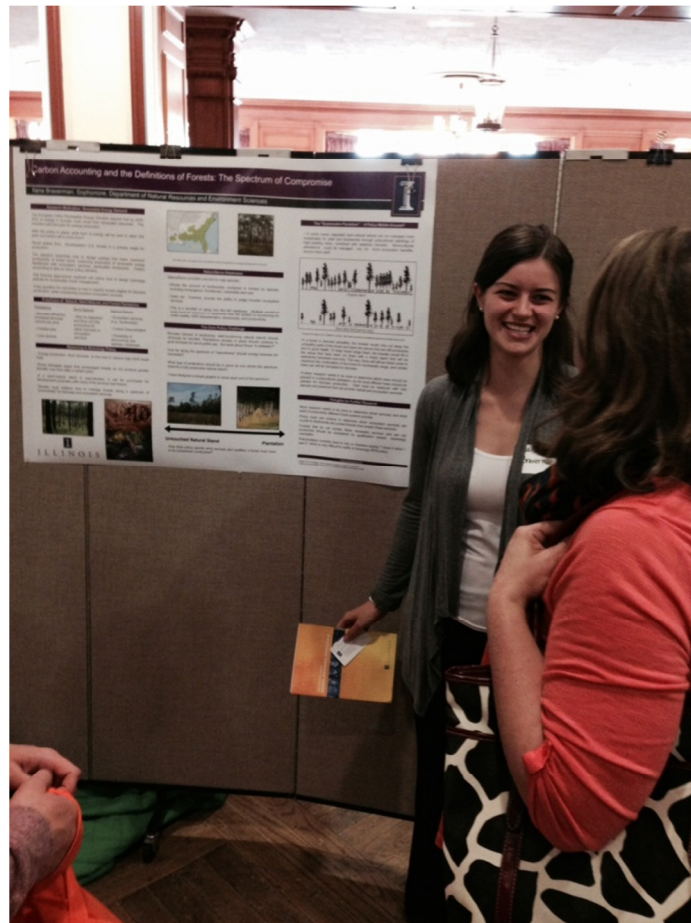
This is the second annual report of OUR and covers activities in the period from 15 May 2013 through 1 June 2014.

EXTANT PROGRAMS

OUR continued and/or expanded a number of programs from the previous academic year:

Undergraduate Research Symposium (URS)

The Undergraduate Research Symposium (URS) has been held annually on campus since 2008. A major innovation this year was the expansion of the event into Undergraduate Research Week (URW). Beyond the regular URS event, this involved a pilot program for a series of events prior to the URS, including poster sessions, performances, videos, and oral presentations organized jointly by OUR and various units. The purpose was to hold the new events in venues more appropriate to the presentations of student research (e.g., performance spaces) and closer to potential audiences. Participating units in the special URW events included the Researchers Initiative of the Urbana South Living and Learning Community, College of Media, Ethnography of the University Initiative, Department of English, College of Fine and Applied Arts, and Department of Anthropology respectively. All events were included in the regular URS program, with special publicity by OUR. The full URS/URW program is available at http://www.provost.illinois.edu/ugresearch/downloads/URS_Program2014.pdf



Successful changes from last year were continued, including revisions to the proposal submission site, collection of demographic data, multiple proposal solicitation efforts, and deadline extensions. As in past years, workshops for participants conducted by a University Library faculty member were retained as were several advertising efforts in local media and university web outlets. Special poster printing rates

were again negotiated with FedEx-Kinkos. For the first time, representatives of corporate sponsors and student organizations served as judges, in addition to UI faculty, for the URS/URW sessions; final award decisions, however, were left to the Advisory Committee and OUR staff.

The 2014 URS was a success. As indicated in Tables 1 and 2 below, participation rates increased significantly from the previous year and dramatically from 2012, the year prior to when OUR assumed responsibility for the event. In terms of the number of posters, performances, videos, and oral presentations, there was more than a 23% increase over the previous year and more than a 108% increase over two years ago. With respect to the number of student presenters (many research projects had multiple authors), there was almost a 45% increase over the previous year and an almost 110% increase over the URS from two years prior. Participation by department/unit and college is given in the appendix.

Table 1: Number of URS/URW Posters and Presentations, 2012-2014*

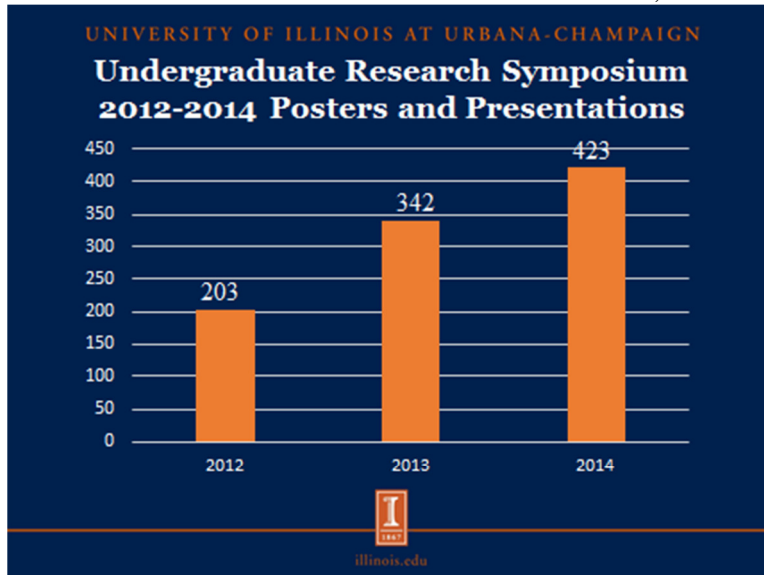
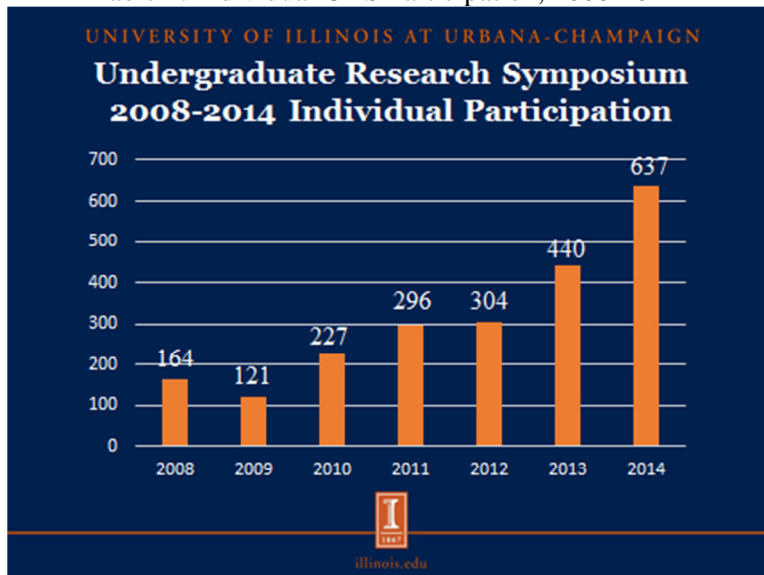


Table 2: Individual URS Participation, 2008-2014*



*includes all events during URW events listed in the URS program

Highlights of the conference included featured lunchtime presentations to an audience of 200 people from students in Molecular and Cellular Biology, History, and Music respectively, representing the range of undergraduate research on the UI campus. In addition, OUR displayed submitted entries in the inaugural Image of Research (http://www.library.illinois.edu/sc/ugresearch/image_of_research.html) competition sponsored by the University Library. Awards, including those endowed by sponsors (see below under Development), were given to 24 students across 10 categories.

Next Steps

- Expand the number and range of units participating in URW.
- Special initiatives to increase participation from FAA and LAS Humanities units.
- Shift all oral presentations from URS to other URW venues.
- Special initiatives to increase faculty attendance.
- Work with CITES on the purchase of a machine for poster printing.
- Expand corporate sponsorship.
- Develop comprehensive database for student submissions to URS/URW.

Ethnography of the University Initiative (EUI)

In January 2014, EUI joined OUR, but the former has a long and distinguished history. Under the leadership of Nancy Abelmann, EUI (<http://www.eui.illinois.edu/>) was created a decade ago and has provided an innovative approach to teaching and learning focused on promoting student research on universities and colleges. In EUI-affiliated courses, students use a variety of ethnographic, archival, and related methods to examine the university in its broader social, political, and historical contexts. Since its founding, EUI has worked with over 150 affiliated courses across six colleges and seventeen departments at the UI (and at five additional colleges and universities). More than 3,000 students have participated in over 1,000 student projects and presentations, which are archived in the UI's digital repository, Illinois Digital Environment for Access to Learning and Scholarship (IDEALS). EUI has held twenty-two (biannual) student conferences and has produced one dissertation and a number of senior honors' theses and capstone projects, as well as over fifteen articles and presentations highlighting EUI. A 2014 Special Issue Devoted to EUI in *Learning and Teaching: The International Journal of Higher Education in the Social Sciences*, is available online at <http://go.illinois.edu/EuiLatiss>

During the 2013-2014 academic year, there were 13 courses affiliated with EUI, serving approximately 250 students. At the end of each semester, students have the opportunity to present their research at the biannual conference; the spring semester event was part of URW. In assisting these courses, the Program Coordinator recruits, trains, and supports faculty and students in the use of Moodle, Institutional Review Board (IRB) protocols, multimedia tools, and curriculum development. EUI is expanding its scope with an affiliated course cluster -- Archive Stories. These are thematic courses that feature UI-housed archives, among them, for example, the Kolb-Proust Archives, the Sousa Archives and Center for American Music, and the newly acquired Gwendolyn Brooks archive. This new course cluster will be inaugurated by in Spring 2015 with a lecture series involving scholars with long-standing records of research in UI archives.

EUI also undertook efforts beyond the classes that it sponsors, seeking to reach different constituencies. The Program Coordinator supported several initiatives, including developing the undergraduate-curated library exhibit on LGBT@UIUC. EUI was one of the pioneers in producing one of the first two undergraduate research journals on campus, *Peer Review: The Undergraduate Research Journal of the Ethnography of the University Initiative* (<https://ugresearchjournals.illinois.edu/index.php/preui>). EUI Co-Director Sharon Irish and Program Coordinator Karen Rodriguez'G each taught a cohort of 15 incoming freshmen in the humanities/social science (HSS) sequence of the Summer Academic Achievement Program (SAAP), a pilot initiative of the Office of the Provost. In the HSS seminar,

students conducted original, human subject-approved and archival research, presented their findings, and published their work in EUI's archives in IDEALS.

EUI has sought to create partnerships with other institutions and share its model for classroom-based research. There is a multimedia collaboration between UI and Parkland College, and some of the latter's students participated in the biannual conferences. EUI Co-Directors Nancy Abelman and Gina Hunter participated in the Chicago Humanities Festival's 17th annual Summer Institute for Teachers (SIT), which helped produce an "ethnographic toolkit" of cross-disciplinary research methods easily applied to the high school setting. This led to collaboration with the Oak Park High School Ethnography Workshop (including multimedia research projects) for teachers, led by EUI staff Gina Hunter and Karen Rodriguez'G. Co-Director Gina Hunter's EUI course in ethnographic methods has twice been part of campus-wide research initiatives at Illinois State University.

Next Steps

- Hold faculty workshop(s) on course-based undergraduate research (expansion of EUI model, but not necessarily EUI-affiliated).
- Expand collaboration with Chicago area high schools and community colleges.

Travel Grants

This program is designed to facilitate the presentation of undergraduate research at professional conferences beyond the UI campus. These are competitive awards in which students submit their proposals and acceptances for national and international conferences and OUR reimburses the winners for travel expenses up to a designated amount. OUR sponsored a pilot travel grant competition in Spring 2013. In the 2013-2014 academic year, OUR offered three cycles of competition. Fifty-seven applications were received and OUR funded 41 of these for a total allocation of \$13,060. Students submitting proposals and receiving awards came from a wide range of departments and colleges.

Next Steps

- Continue program as currently constituted.
- Develop comprehensive database for student grant and fellowship submissions.

Undergraduate Research Abroad

This program involves a non-reciprocal exchange over the summer term with international universities and research institutes in which students would earn UI credit for research work done at organizations that already have memorandums of understanding (MOUs) with UI. In the previous academic year, OUR piloted such an arrangement with two Swedish universities. Provost Fellow Edmund Seebauer and the OUR Director debriefed the students and faculty mentors from the pilot program and met personally with KTH Royal Institute of Technology representatives who were very positive about continuing the relationship.

OUR had hoped to expand the program during this academic year, but has been limited by a number of factors. Significant delays in approval of curriculum changes to support this program (details below under curriculum development) prevented early solicitation and publicity about the program because of the uncertainty about awarding academic credit. Promised logistical support from the Study Abroad Office was withdrawn when the director of that office left her position. Discussions with other universities or institutes were held, but differences in semester timing and other factors limited the availability of suitable new sites. The net result is that 5 students will go to KTH in summer 2014. Financial considerations remain a barrier to student participation, and OUR again made a contribution of \$1000 to facilitate the participation of one student.

Next Steps

- Expand the program to include more students and additional international institutions.
- Renegotiate logistical support from the Study Abroad Office.
- Explore use of undergraduate study abroad courses as part of academic year study abroad experiences.
- Explore the feasibility of short-term research trips in which UI faculty take UI undergraduate students to research sites, modeled after existing UI courses abroad program.

NEW PROGRAMS

Undergraduate Research Journals

Prior to this year, and unlike many peer institutions, UI had no undergraduate research journals. Working with Merinda Hensley at the University Library, OUR set out to facilitate the creation of such journals in several university units and programs. Although the exact organizational arrangements would vary by unit, these journals would be published electronically, once (or twice) a year, and student edited with faculty supervision. Software, training, and archiving would be provided by the University Library. OUR agreed to pay for initial startup costs for the units involved as well as for training by the University Library staff.

As of this report, two journals have published their first issues: the English Department's *Re:Search, The Undergraduate Literary Criticism Journal at the University of Illinois at Urbana-Champaign* (<https://ugresearchjournals.illinois.edu/index.php/ujlc>) and the Ethnography of the University Initiative's (EIU) *Peer Review: The Undergraduate Research Journal of the Ethnography of the University Initiative* (<https://ugresearchjournals.illinois.edu/index.php/preui>). Two other units (TRiO McNair Program, ACES) are on track to release their first issues in the next six months.

Several other units or programs were approached to be part of a pilot program. Some (Political Science/Global Studies, Applied Health Sciences, History, Social Work) expressed interest and took some preliminary steps, but have not followed through with organizational plans. Some financial barriers remain for participation of the Campus Honors Program, but their students' work will be archived in IDEALS for the time being. Other units (Psychology, Physics) declined the invitation, preferring to direct their best student work to professional journals in their subfields.

Next Steps

- Facilitate distribution and publicity surrounding existing journals.
- Seek expansion in the number of journals, focusing on new units or themes.

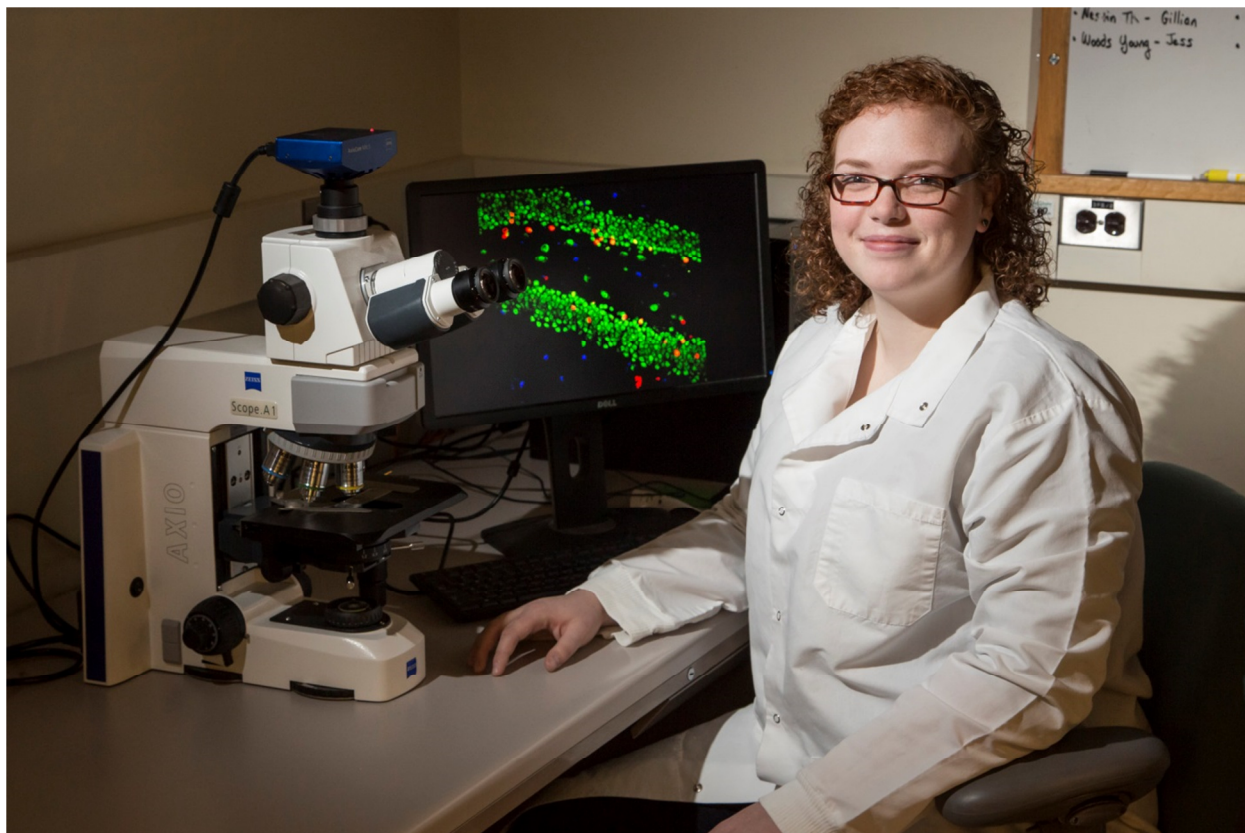
Undergraduate Research Certificates

OUR created an undergraduate research certificate program in Fall 2013. This certificate was established to create a framework by which the university recognizes student achievement in undergraduate research. Although research for undergraduates can take many forms and sometimes be given for academic credit, this certificate program is meant to highlight those students who make research central to their academic experiences at the University of Illinois. This certificate provides students with an added credential that they can present to employers and graduate schools. Requirements include two research presentations, relevant coursework and/or research experiences, and attendance at professional workshops or research presentations.

The first certificate was awarded in January 2014 (to Jennifer Merritt, pictured below) and by the end of the academic year, OUR had awarded 21 such certificates, with an approximately equal number of applications pending.

Next Steps

- Secure applications from students early in the fall semester.
- Consider an end of the year ceremony for certificate recipients.
- Create new design for the certificates.
- Develop comprehensive database for student submissions.



Summer Undergraduate Research Fellowships (SURF)

OUR sponsored a competitive Summer Undergraduate Research Fellowship (SURF) program for undergraduate students at UI. This initiative provides students with funds necessary to conduct research under faculty guidance during the summer term at UI. This program is designed to broaden and deepen the types of research being conducted by undergraduate students on campus, and that the recipients are able to use this opportunity as a way of engaging with their fields of study.

Applications were received from 65 students; most of the applicants had exceptional academic records and impressive proposals. Awards were made to 11 students from 5 different colleges. Awards were typically \$2,500 for each student, with allocations totaling \$25,000. Applications from Humanities, Arts, and most Social Science majors, however, were notably absent.

Next Steps

- Continue existing program.
- Expand the number of awards given, as funds permit.

- Solicit applications from underrepresented colleges and departments/units.
- Expand cost-sharing arrangements with other units.

Research Travel Grants

OUR initiated a research travel grant competition that provides students with funds necessary to conduct on-site research at an archive, lab, research center, museum, or a location that has materials not readily available at UI. The competition was opened in December 2013 and proposals were accepted any time during the academic year. OUR received 10 applications and funded 7 proposals for a total allocation of \$2,700.

Next Steps

- Continue existing program across the full academic year.
- Improve publicity about the program.
- Target specific units for publicity.

Capitol Scholars

In cooperation with sister UI campuses at Chicago and Springfield, OUR participated in the “Posters Under the Dome” event at the Illinois State Capitol on 1 May 2014. Eleven students from the Urbana campus (see below) were chosen as Capitol Scholars based on the quality of their research and relevance to state policy concerns. Those students presented their posters in the main hallways of the Capitol to members of the state legislature, their staffs, and visitors. Students also received a tour of the Capitol.



Next Steps:

- Continue program for next year.
- Create greater advance publicity.
- Arrange for meetings with state executive officer(s).

OTHER ACTIVITIES

Curriculum Enhancement

Last year's curricular survey indicated that most campus units do not have the necessary curricular structures to support undergraduate research. OUR undertook several efforts to incorporate undergraduate research into the curriculum.

With respect to promoting curriculum changes that support undergraduate research on campus, OUR made available a template for a credit bearing course based on Political Science's PS 492, Undergraduate Research Assistance – this course was approved for the 2013-2014 academic year. OUR specifically targeted nine departments/units, offering assistance in preparing a suitable undergraduate research course based on that template. Two units (Mathematics and Global Studies) successfully submitted course proposals and these were approved in Spring 2104 – MATH 492 and GLBL 492 respectively. Despite having previously approved the similar PS 492 and having the OUR Director meet early on with the LAS Courses and Curriculum Committee, it still took that committee six months to approve the courses, past the time to make them available for regular spring student registration. Seven other units exhibited a range of responses from no action (Economics, Religious Studies) to deferring action (History, Sociology, College of Media, College of Education) to enthusiasm (School of Earth, Society and Environment). Nevertheless, despite repeated encouragement, none of these units had submitted course proposals as of this report.

OUR was more successful in facilitating course development that supported its undergraduate research abroad program (see above). Four courses (CHBE 496, CHEM 496, IB 489, and MCB 291) were created and approved in LAS and one course (ENG 397) was created and approved in the College of Engineering. These courses specifically provide guidelines and academic credit for students conducting undergraduate research abroad.

Next Steps

- Facilitate the submission of new course proposals from units contacted during the previous academic year.
- Facilitate the submission of new course proposals from units not previously contacted.
- Develop continuing (once per academic year) undergraduate research course under LAS 199 rubric and for general education credit, focused on community engagement and service learning (this may or may not be affiliated with EUI), to be taught by OUR Associate Director.
- Explore course development grants for faculty.

Student Recruitment

OUR worked with the Office of Admissions in recruiting students to the UI. OUR representatives attended and staffed a booth for several Admitted Students Days in Spring 2014; the representative met with prospective students and their parents as well as distributed an OUR brochure outlining its programs. In addition, 200 prospective students and parents attended the URS as part of their regular schedule during a campus visit that day; OUR provided lunch and a lunchtime program for these guests. Finally, the OUR Director attended the President's Award Honors Dinner in Oak Brook, IL.

Next Steps

- Continue staffing (as available) at Admitted Student Days.
- Continue collaboration with Office of Admissions on accommodating prospective students and parents on the day of the URS.
- Conduct brief presentations at new student orientations.

Serving Underrepresented Groups

OUR worked the Office of Minority Student Affairs and its TRiO McNair programs to enhance their efforts. Specifically, OUR provided data on minority student participation in the URS and encouraged McNair scholars to submit proposals. Overall, participation rates for African-Americans (3.9%) and Latinos (6.1%) were comparable to last year, although the number of participants was greater because overall URS participation increased dramatically (see above). Five of the 11 Capitol Scholars (see above) were African-American or Latino. The OUR Director also attended the end of year ceremony and poster session for McNair Scholars in August 2013. He gave a presentation on applying to graduate schools at a McNair workshop in Fall 2013 as well as one on general OUR opportunities at the ceremony for new McNair Scholars in Spring 2014. His attendance at the President's Award Honors Dinner, which is designed to recruit minority students, is noted above. Finally, he held a session on undergraduate research for students in the Summer Academic Achievement Program in Summer 2013. An undergraduate journal featuring McNair Scholars research is expected in the coming months.

OUR also monitored female participation in the URS, specifically in the STEM fields, and shared data with campus stakeholders. Women remain the clear majority of URS participants overall (over 62% - comparable to last year), and there was a noticeable increase (from approximately 33% to over 46%) in STEM fields; the number of female participants was greater because overall URS participation increased dramatically (see above).

Next Steps

- Continue to work with the Office of Minority Student Affairs and other campus stakeholders on increasing diversity in undergraduate research opportunities.

Development Efforts

OUR wrote a successful grant proposal to the Stevick Foundation in support of several undergraduate research initiatives. The grant of \$7,500 provides support for (1) three years of named URS awards in the area of Media studies, (2) three years of named URS awards in the area of the Humanities, and (3) startup costs for an undergraduate research journal in English.

Working with the Office of Corporate Relations (OCR), OUR solicited corporate support for the URS. Donors were given the opportunity to sponsor named awards as well as provide a judge for the awards competition. Six sponsors contributed at least \$1,000 each: Akuna Capital LLC, Intel Corporation, Intelligent Medical Objects (IMO), Monsanto Corporation, Riverside Research, and the Stevick Foundation, respectively.

OUR now has its own account with the UI Foundation, and the OUR Director met with and provided promotional materials to OCR and UI Foundation personnel.

OUR also provided letters of support for two Howard Hughes Medical Institute (HHMI) grant proposals and one National Science Foundation grant proposal, each of which had a significant undergraduate research component. A decision on the NSF proposal is pending following favorable reviews, but both HHMI proposals were unsuccessful.

Next Steps

- Secure presentation slots or materials distribution during UI Foundation weekend and other alumni events.
- Expand solicitations for corporate support for URS.
- Create development plan for OUR.

Communication Efforts

OUR has its own website (<http://www.provost.illinois.edu/our/>) as does its EUI component (<http://www.eui.illinois.edu/>). Lists of available undergraduate journals, conferences, and other opportunities appearing there were reviewed and updated. Few other revisions were made in the former, in large part because of changes in the Provost's Office support services and OUR's lack of management control over its own website. OUR maintains listservs with multiple audiences, including advisors, department representatives for undergraduate research, honors program deans, and the OUR Advisory Board respectively.

Innovations in process for enhancing dissemination of undergraduate research activities included a pilot test of a monthly electronic newsletter. The University Library has also created a blog on undergraduate research (<http://publish.illinois.edu/ugresearch/>) and it has expanded its archiving services to allow students to store URS posters in IDEALS; EUI materials and projects are already archived there.

Stories on OUR appeared in *Inside Illinois* and in *Postmarks* (publication for UI parents and friends) in Fall 2013. The first recipient of an Undergraduate Research Certificate, Jennifer Merritt, was featured in a story on the UI homepage as were activities associated with Undergraduate Research Week. The Capitol Scholars event (see above) was covered by state and local print and electronic media. A new brochure listing all OUR programs was created for distribution to multiple audiences.

Next Steps

- Develop a new OUR website to be managed by OUR staff.
- Create and distribute monthly newsletter about undergraduate research opportunities.
- Explore creating social media outlets for OUR and related activities.
- Produce videos featuring selected undergraduate researchers.

Consulting and Outreach

OUR personnel met with, and offered advice to, a number of campus constituencies on how to better serve the undergraduate research needs of UI students. With respect to broad research concerns, meetings were held with the Vice-President for Research and the campus undergraduate deans. OUR also provided advice to faculty and administrators in the College of Business, College of Media, Living and Learning Communities, Illinois Program for Research in the Humanities, Center for Historical Interpretation, and the Campus Honors Program.

In conjunction with the Center for Innovation in Teaching and Learning (CITL), OUR sponsored two workshops for faculty and graduate students in Fall 2013. The first focused on general ways to incorporate undergraduate research into existing courses; 30 people attended. The second concentrated on three different models of undergraduate research in the Humanities; 20 people attended.

The OUR Director met with a representative of Sandia National Laboratories and explored internship and summer research opportunities there for undergraduate students. The Director then connected Sandia

personnel with the Director of UI's Program in Arms Control, Disarmament, and International Security (ACDIS), who facilitated the process for student nominations that Sandia requested.

OUR has also established contacts with the new registered student organization on campus Research as Students at Illinois (RSI); joint efforts were discussed. RSI students served as judges at the 2014 URS.

OUR has also signed on to efforts at collaboration with similar units at other CIC institutions; plans for annual meetings are now in discussion.

Next Steps

- Co-sponsor student events with RSI.
- Co-Sponsor Fall 2014 workshops with CITL.
- Form "teaching circle" for faculty members interested in undergraduate research.

Miscellaneous Activities

- OUR Director participated in the interviews in the search for the LAS Assistant Dean responsible, in part, for James Scholars in that college.
- OUR Director served on the search committee for the Campus Honors Program Director.
- Based on the OUR suggestion, the Research Board adopted the following policy change: "Undergraduate students currently enrolled at the University of Illinois at Urbana-Champaign can be included in proposals as hourly workers."
- OUR worked with Human Resources and Risk Management on draft policies concerning undergraduate student employment as research assistants. A draft policy is under review.
- OUR contributed a section on undergraduate research for the LAS 101 handbook.

Additional Future Initiatives

- Create an assessment plan and rubric for undergraduate research on campus.
- Undertake a survey on student experiences with respect to undergraduate research.
- Explore matching doctoral students with undergraduate research assistants.

Appendix A: URS Participation by Unit and Major, 2008-2014.

College	Unit/Major	2014	2013	2012	2011	2010	2009	2008
ACES	Agricultural and Biological Engineering	4	3	3	1	1	0	0
ACES	Agricultural and Consumer Economics	9	4	9.5	2.5	0	0	0
ACES	Agricultural Communications Program	0	0	1	0	0	0	0
ACES	Agricultural Education Program	0	0	1	0	0	0	0
ACES	Agricultural Leadership	0	1	2	0	0	0	0
ACES	Animal Sciences	11	6	2	5.5	1	0	5
ACES	Crop Sciences	2	4	0	0	1	1	1
ACES	Division of Nutritional Sciences	0	0	0	0	2	0	0
ACES	Food Science and Human Nutrition	21	14	23	16	4.5	2.5	3.5
ACES	Horticulture	1	0	0	0	0	0	0
ACES	Human Development and Family Studies	13	5	6	1	3	0	1
ACES	Natural Resources and Environmental Sciences	4	6	6	2	1	1	0.5
ACES	Technical Systems Management	1	0	0	0	0	0	0
ACES	No Specification	1	0	0	0	0	0	0
TOTAL		67	43	53.5	28	13.5	4.5	11
Percent of Enrollment		2.40%	1.76%	2.19%	1.20%	0.57%	0.20%	0.47%
AHS	Interdisciplinary Health	2	3	1	4	0	0	0
AHS	Kinesiology and Community Health	17	33	24	40	26.5	5	14
AHS	Recreation, Sport and Tourism	0	0	0	1	0	0	3.5
AHS	Speech and Hearing Science	24	18	17	14	6	2	0
TOTAL		43	54	42	59	32.5	7	17.5
Percent of Enrollment		2.20%	3.79%	2.17%	3.26%	1.80%	0.39%	1.01%
Business	Accountancy	6	0	0	0	0.5	0	2
Business	Business Administration	2	0	0.5	1	0	0	1.5
Business	Finance	2	1	0	0.5	1.5	0	1
Business	No Specification	1	0.5	0	0	0	0	1
TOTAL		11	1.5	0.5	1.5	2	0	5.5
Percent of Enrollment		0.01%	0.01%	0.01%	0.01%	0.01%	0%	0.01%
Education	Curriculum and Instruction	20	18	1	14	0	0	0
Education	Education Policy, Organization and Leadership	2	0	0	0	0	0	0
Education	Educational Psychology	0	0	0	0	0	0	0
Education	Special Education	5	2	0	2	0	0	0
TOTAL		27	20	1	16	0	0	0
Percent of Enrollment		4.70%	3%	0.15%	2.33%	0%	0%	0%
Engineering	Aerospace Engineering	2	3	2	6.5	1.5	2	3
Engineering	Agricultural and Biological Engineering	0	1	1	5	4	0	8
Engineering	Bioengineering	29	8	5	6	10	5	4
Engineering	Civil and Environmental Engineering	5	6	5	5	7	1	0
Engineering	Computer Science	20.5	12	1	6	0.5	1	3
Engineering	Electrical and Computer Engineering	11	21.5	15	11	14	10	9
Engineering	General Engineering	2	3	1	2	2	0	2
Engineering	Industrial and Enterprise Systems Engineering	2	2	1	1	0	1	0
Engineering	Materials Science and Engineering	6	4.5	5	3	5	3	4
Engineering	Mechanical Science and Engineering	15	9	4	9	3	2	3.5
Engineering	Nuclear, Plasma, and Radiological Engineering	3	10	1	3	9	5	2
Engineering	Physics	2	6.5	2	2.5	2	0	4
TOTAL		97.5	86.5	43	60	58	30	42.5
Percent of Enrollment		1.37%	1.35%	0.67%	0.98%	1.02%	0.56%	0.84%

FAA	Art and Design	13	3	0	2	3	1	4
FAA	Architecture	0	7	0	2	1	0	2
FAA	Dance	0	0	0	0	0	0	0
FAA	Landscape Architecture	7	0	0	0	0	0	0
FAA	Music	4	6	0	0	0	1	4
FAA	Theatre	4	3	1	0	2	0	0
FAA	Urban and Regional Planning	1	3	2	0	0	3	1
TOTAL		29	22	3	4	6	5	11
Percent of Enrollment		1.80%	1.25%	0.17%	0.22%	0.32%	0.25%	0.57%
LAS	African American Studies	0	0	0	0	0	0	0
LAS	American Indian Studies	0	0	0	0	0	0	0
LAS	Animal Biology	0	0	0	0	0	0	0
LAS	Anthropology	11	3	2	1.5	2	2	4
LAS	Asian American Studies	0	0	0	0	0	0	0
LAS	Astronomy	8	1	0	0.5	0.5	0	0
LAS	Atmospheric Sciences	10	9	0.5	1	0	0	0
LAS	Biochemistry	4	7	5	1	4.5	4.5	1.5
LAS	Biology - SIB	16	15.5	8	2.5	4	6	3.5
LAS	Chemical and Biomolecular Engineering	4	9	7	14	2	3	10
LAS	Chemistry	7	5	3	1	3.5	2.5	5.5
LAS	Classics	0	0	1	0	0.5	2	0
LAS	Communication	2	3	10	5.5	5	1.5	2
LAS	Comparative and World Literature	0	0	0	0	0	0	0
LAS	School of Earth, Society and the Environment	1	1	0.5	1	0.5	0	1
LAS	East Asian Languages and Cultures	2	2.5	0	0	0	0	0
LAS	Economics	5	4.5	0	2	4.5	1.5	0
LAS	English	22	25.5	15	8.5	10	8	5
LAS	Entomology	0	2	0	0	0	0	0
LAS	French	0	0.5	0	0	0	0	1
LAS	Gender and Women's Studies	1	0	0	0	0	0.5	1.5
LAS	Geography and Geographic Information Science	2	0.5	0	0	0	0	1
LAS	Geology	2	0.5	0.5	0.5	0.5	0.5	1.5
LAS	Germanic Languages and Literature	0	0	0	0.5	0	0.5	0
LAS	Global Studies	7	9	7	7.5	8	2.5	0
LAS	History	3	4	3	2	1	4	5.5
LAS	Independent Programs of Study	4	2	1	0	0	1	0.5
LAS	Latina/Latino Studies	0	0	0.5	0.5	0	0	0
LAS	Linguistics	4	1.5	0	1	0.5	0	0
LAS	Mathematics	30	16	4	1.5	2.5	2	5.5
LAS	School of Molecular and Cellular Biology	55	22.5	15	8.5	14	6	8
LAS	Philosophy	0	0	3.5	0.5	0.5	0	0
LAS	Physics	8	0	0	0	0	0	0
LAS	Political Science	25	23	17	20.5	15	6.5	1
LAS	Psychology	37	22	8	26	20	12.5	9
LAS	Religion	0	0.5	0	0	2	0	1
LAS	Russian, East European and Eurasian	0	0	0	0	0	0	0
LAS	Slavic Languages and Literatures	0	0.5	0	0	0	0	0
LAS	Sociology	3	3	3.5	0	4	2.5	0.5
LAS	Spanish, Italian and Portuguese	1	2.5	3	6	0.5	0	1
LAS	Statistics	2.5	2	1.5	0	0.5	0	0
TOTAL		276.5	197.5	119.5	113.5	106	69.5	69.5
Percent of Enrollment		2.40%	1.74%	1.05%	0.99%	0.92%	0.54%	0.46%

Media	Advertising	1	0	1.5	0	0	0	1
Media	Agricultural Communications	1	0	0	0	0	0	0
Media	Journalism	1	0	0	3	0	1	2
Media	Media and Cinema Studies	6	0	1	0	1	1	1
TOTAL		9	0	2.5	3	1	2	4
Percent of Enrollment		0.01%	0%	0.01%	0.01%	0.01%	0.01%	0.01%
Nursing		4	4	7	6	5	0	0
Social Work	Social Work	7	4	0	3	0	0	0
Percent of Enrollment		4.80%	2.70%	0%	2.10%	0%	0%	0%
DGS		15	0	3	1	2	0	1
Percent of Enrollment		0.05%	0%	0.10%	0.03%	0.07%	0%	1.20%
OTHER								
Graduate School		0	0	1	1	0	2	2
Pre-med		0	0	0	0	0	1	0
Exchange Students		4	0	0	0	0	0	0
non-degree		1	0	0	0	0	0	0
Parkland College		7	0	0	0	0	0	0
Unspecified		39	0	0	0	0	0	0