2006 - 2007 Mellon Library/Faculty Fellowship on Undergraduate Research

Announcement and Application

The Mellon Library/Faculty Fellowship on Undergraduate Research, funded by a grant from the Andrew W. Mellon Foundation, encourages UC Berkeley faculty to explore creative and effective ways to engage students by integrating research skills into the classroom and the curriculum through the redesign of large-enrollment and high-impact undergraduate courses.

Up to fifteen Mellon Library/Faculty Fellows on Undergraduate Research will be selected to participate throughout the 2006-2007 academic year. Fellows are expected to attend an orientation and reception, an intensive two-week Institute to be held on campus (June 5 - June 16, 2006), and occasional events throughout the year. Each Fellow will receive a stipend of $2,000. Following the Institute, Fellows may submit proposals for additional funding in support of scaleable and sustainable changes to the curriculum, including departmental implementation, developing teaching tools that incorporate information competencies, research skills, and use of campus information resources as integral components, and assessing the impact of research assignments on student learning and faculty teaching.

At the Institute, Fellows will discuss a range of topics related to developing effective undergraduate research-based assignments. In partnership with consultants from the University Library, Office of Educational Development, GSI Teaching and Resource Center, and Educational Technology Services, Fellows will more fully develop the research assignment for their own course that challenges undergraduates to use the Library's print and digital resources and to engage in the process of scholarly discovery.

In 2006-2007, priority will be given to faculty who teach large-enrollment, lower-division and service courses, and courses required for a major, particularly those with the potential to reach the largest numbers of students and to have the greatest impact on campus curricula. Development of new courses and redesign of current courses are equally welcomed. Special encouragement and support will be provided to courses that currently, or could potentially, fulfill the American Cultures requirement; for information about the American Cultures requirement see http://americancultures.berkeley.edu/. For more information about the Mellon Fellowship see http://www.lib.berkeley.edu/MellonInstitute/.

The Mellon Library/Faculty Fellowship on Undergraduate Research provides resources to faculty seeking to develop undergraduate research skills in large enrollment courses. If you are seeking ways to enrich your courses and engage your students, please consider applying.
Eligibility

The Fellowship invites proposals for the redesign of existing courses, or the creation of new courses, to incorporate a research assignment and develop undergraduate research skills.

The program seeks participants who…

- are tenure-track professors, adjunct faculty, or lecturers who will be teaching their Mellon-sponsored course in Fall 2006 and Spring 2007
- are interested in revising their course to offer greater opportunities for student engagement in research projects that use the Library's print and/or digital collections
- have interest in mentoring undergraduates in scholarly research and discovery
- will meet the commitments outlined for Fellows.

Commitments

Fellows are committing to:

- attending a reception for Fellows to be scheduled during Spring 2006
- participating in the Institute held on campus from June 5-June 16, 2005 including
  - attendance for all six sessions Mondays, Wednesdays and Fridays from 8:30 AM to 2:30 PM, including lunch
  - completion of independent work outside the session times
  - availability for consultations outside the session times
- contributing to Mellon email exchanges, web sites, and public forums
- completing a revised course syllabus and undergraduate research assignment, in collaboration with the Academic Partners
- completing a plan for implementing and supporting the research assignment, in collaboration with the Academic Partners
- participating in evaluation of the quality and effectiveness of the Fellowship experience and the impact on student learning related to undergraduate research
- attending post-Institute events organized for the Fellows

Fellows are also strongly encouraged to attend the Faculty Technology Program (May 23-26, 2006) to learn about specific educational technologies and their uses in the classroom, including bSpace which will be used for the Mellon Institute. For a description of previous programs, see http://ets.berkeley.edu/TrainingSupportCenter/ftp/.

Sponsoring departments are expected to make a long-term commitment to institutionalize the redesigned courses and to offer them on a regular basis.
Selection Criteria

The following types of courses and proposals will be given preference in 2006-2007. Those that fall into more than one of the categories will be advantaged in the selection process:

Courses which are:
- large-enrollment
- lower-division
- required or core for a major
- gateway courses for the campus
- approved for, or could be developed to meet, the American Cultures requirement
- rotated among two or more instructors within a department who intend to share and/or coordinate syllabi

Proposals which:
- promote the sequential development of undergraduate research competencies and improve coherence in the curriculum
- articulate sustainable changes to departmental or interdepartmental curriculum
- demonstrate strong support of the sponsoring department(s)

Funding and Support

The Fellowship funds up to fifteen Fellows selected competitively from the applicant pool.

Each Fellow will receive:
- $2,000 in funds used for conference registration, travel, books, equipment, supplies, software, and hourly assistance. These funds may not be used as salary.
- Individualized consultation services provided by academic support experts in the areas of information literacy, pedagogy, library resources, educational technology, writing, course evaluation, assessment of student learning, collaboration with Graduate Student Instructors, and other aspects of course implementation.
- Assistance in obtaining approval for the revised syllabus by the Academic Senate’s American Cultures subcommittee, if appropriate.

After the Institute, each Fellow may submit proposals for additional funding including:
- Up to $1,000 for educational technologies and/or educational technology services
- Up to $2,000 from the Library for the purchase or digitization of library materials
- Additional funding for the institutionalization of changes related to developing undergraduate research experiences, increasing students’ use and appreciation of the libraries through research, assessing the impact of research assignments on student learning, or developing curricula and teaching tools that incorporate information competencies, research skills, and use of campus information resources as integral components
Important Dates

Application Deadline: 28 February 2006
Awards Announced: March 2006
Orientation/Reception Date: April/May 2006 (to be scheduled)
Institute Dates: 5 – 16 June 2006

Application Instructions

Complete applications consist of four elements submitted no later than 28 February 2006.

The first three parts must be submitted by e-mail:

1. Cover Sheet (Attachment A)
2. A narrative in electronic format not to exceed two single-spaced pages that describes the course(s) proposed for development or redesign, including:
   - the course level (e.g. lower division, upper division)
   - narrative description of the course (one paragraph)
   - the current and/or envisioned research component
   - the current and/or envisioned use of library collections
   - a rationale for the importance of this particular course
   - a statement about why the applicant is interested in participating in the Fellowship, including evidence of commitment to undergraduate education and undergraduate research and willingness to engage new ideas in collaboration with the Academic Partners
3. A course syllabus in electronic format, if the proposal concerns an existing course

The final part must be submitted by campus mail:

4. Applicant/Department Chair Statement of Agreement (Attachment B)

Questions?

For additional information, contact:

Patricia Davitt Maughan
Project Manager, Mellon Library/Faculty Fellowship on Undergraduate Research
302 Moffitt Library
CAMPUS 6000
pmaughan@library.berkeley.edu
510-643-8666
Attachment A: Cover Sheet

Submit by **28 February 2006** via e-mail to pmaughan@library.berkeley.edu

---

**Applicant Information**

Name of Applicant(s):
Title:
Department:
Campus Mailing Address:
E-mail:
Telephone number:
I require special accommodations.  ____ Yes  ____ No
   If yes, please specify:

---

**Course Information**

Department Course Number:
Title of Course:
Name of Department Chair:

Semesters in which this applicant will offer this course:
   ___ Fall 2006  ___ Spring 2007  ___ Fall 2007

Departmental designation:
   ___ Required for major  ___ Core for major  ___ Service course

American Cultures designation:
   ___ Current  ___ Proposed  ___ Not applicable

Anticipated Enrollment:

Number of GSIs and/or Readers:

Course URL (if applicable):
Attachment B: Applicant/Department Chair
Statement of Agreement

Print, sign and submit via campus mail by 28 February 2006 to:
Pat Davitt Maughan
Mellon Library/Faculty Fellowship on Undergraduate Research
302 Moffitt Library
CAMPUS 6000

As a Mellon Library/Faculty Fellow on Undergraduate Research, I confirm that I will:
• attend the reception after the awardees are announced
• attend and participate in the entire two-week Institute from June 5 through June 16, 2006
• complete and submit a new or revised syllabus and research assignment(s) for my course based on the work of the Institute and my refinements throughout the year in collaboration with the Academic Partners
• teach the course that is developed or redesigned as a result of this Institute in Fall 2006 and/or Spring 2007
• participate in evaluation of both the Institute and my subsequent classroom experiences
• regularly attend events organized for the Fellows throughout the year
• share my experiences with colleagues through web-based and public forums

Applicant’s Name

__________________________________________ ________________________
Applicant’s Signature Date

As the Chair in the sponsoring department, I support this applicant’s candidacy and confirm that this course, ______________, will be offered in ___ Fall 2006 and/or ___ Spring 2007.

Department Chair’s Name

__________________________________________ ________________________
Department Chair’s Signature Date