



## 2005 - 2006 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 2005-2006 academic year. Fellows are expected to attend an orientation and reception, an intensive two-week Institute to be held on campus (June 6 - June 17, 2005), 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 up to \$7,000 in support of scaleable and sustainable changes to the curriculum including departmental implementation, purchase or digitization of library collections, and educational technologies and services.

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 2005-2006, 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://amercult.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 2005 or Spring 2006
- 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 the orientation and reception for Fellows to be scheduled for April 2005
- participating in the Institute held on campus from June 6-June 17, 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
- completing a revised course syllabus and undergraduate research assignment
- completing a plan for implementing and supporting the research assignment
- attending post-Institute events organized for the Fellows
- contributing to Mellon email exchanges, web sites, and public forums
- participating in evaluation of the quality and effectiveness of the Fellowship experience and the impact on student learning related to undergraduate research

Fellows are also strongly encouraged to attend the Faculty Technology Program (June 1-June 3, 2005) to learn about specific educational technologies and their uses in the classroom, including Blackboard which will be used for the Mellon Institute. For more information see <http://ets.berkeley.edu/Training/SummerFtp/>.

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 2005-2006. 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
- Up to \$4,000 for institutionalization of the changes related to the research assignment and development of research skills within the department. Funds will be awarded on a competitive basis based upon the extent to which the proposal supports scaleable and sustainable changes to the departmental curriculum.



## Important Dates

Application Deadline:	<b>28 February 2005</b>
Awards Announced:	<b>15 March 2005</b>
Orientation/Reception Date:	<b>April 2005 (<i>to be scheduled</i>)</b>
Institute Dates:	<b>6 – 17 June 2005</b>

## Application Instructions

Complete applications consist of four elements submitted no later than 28 February 2005.

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
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  
245 Doe, University Librarian's Office  
CAMPUS 6000  
pmaughan@library.berkeley.edu  
510-643-0187



## Attachment A: Cover Sheet

Submit by **28 February 2005** via e-mail to [pmaughan@library.berkeley.edu](mailto:pmaughan@library.berkeley.edu)

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### Applicant Information

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Name of Applicant(s):

Title:

Department:

Campus Mailing Address:

E-mail:

Telephone number:

I require special accommodations.     Yes                       No

    If yes, please specify:

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### Course Information

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Department Course Number:

Title of Course:

Name of Department Chair:

Semesters in which this applicant will offer this course:

Fall 2005                       Spring 2006                       Fall 2006

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 2005** to:

Pat Davitt Maughan  
Mellon Library/Faculty Fellowship on Undergraduate Research  
University Librarian's Office  
245 Doe Library  
CAMPUS 6000

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As a Mellon Library/Faculty Fellow on Undergraduate Research, I confirm that I will:

- be available to attend the orientation and reception after the awardees are announced
- be available to attend and participate in the entire two-week Institute from June 6 through June 17, 2005
- teach the course that is developed or redesigned as a result of this Institute in Fall 2005 and/or Spring 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
- 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

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Applicant's Name

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Applicant's Signature

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Date

As the Chair in the sponsoring department, I support this applicant's candidacy and confirm

that this course, \_\_\_\_\_, will be offered in \_\_\_ Fall 2005 and/or \_\_\_ Spring 2006.

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Department Chair's Name

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Department Chair's Signature

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Date