

UCLA Undergraduate Research

Partnerships Are Key to Success

Judith L. Smith

**Vice Provost for
Undergraduate Education**

**The Reinvention Center
Conference**

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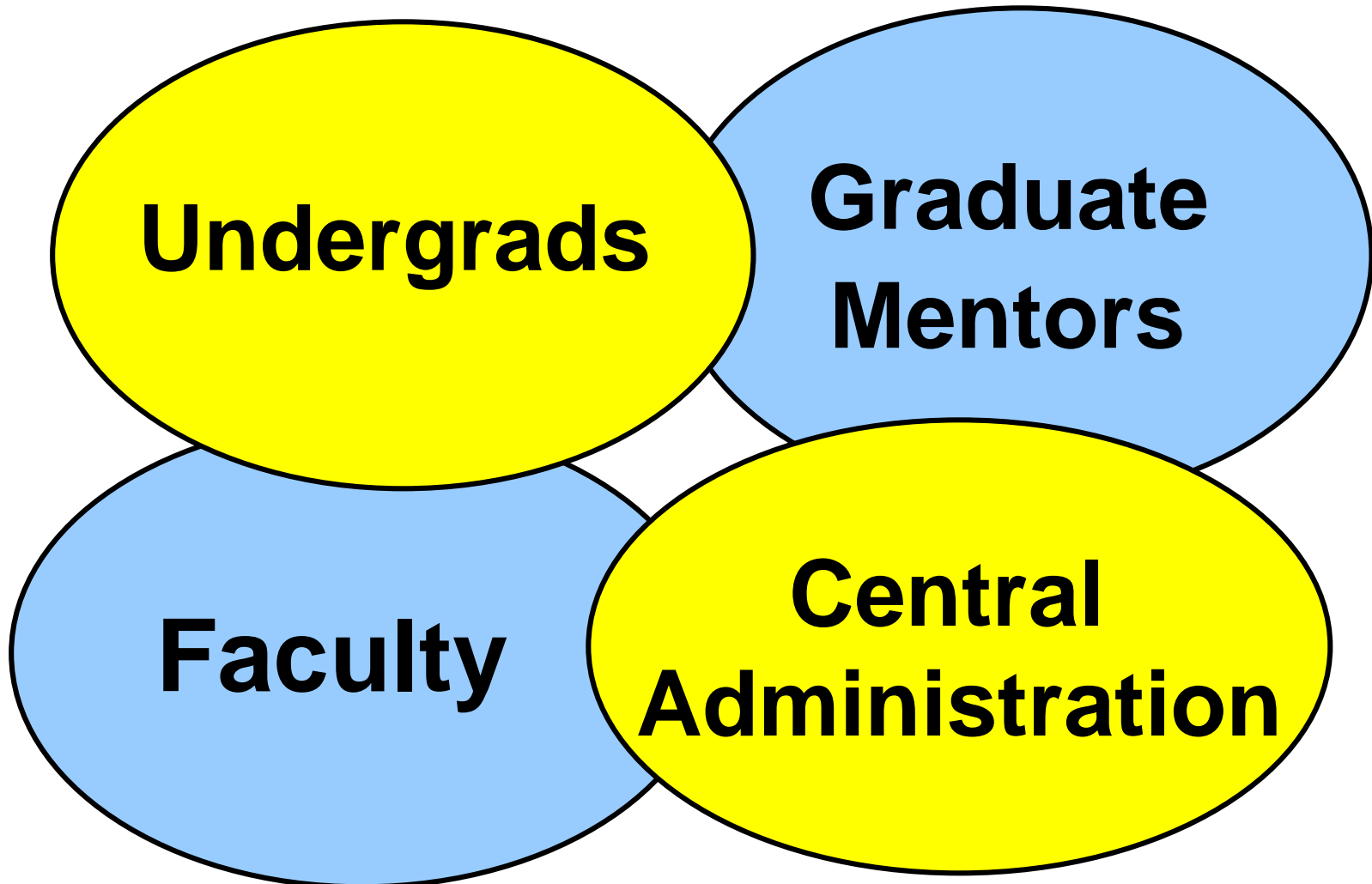
UCLA Undergraduate Research

Each year, more than 6,000 UCLA undergraduates (~25% of study body) are engaged in individual research projects at one of three levels:

- Student Research Program (entry level)**
- Independent Research Studies (intermediate)**
- Senior Honors Thesis (most advanced)**

Students begin as freshmen and sophomores in entry-level projects; many progress to junior-level independent studies & some to senior honors projects.

Programs Require Partnerships



Three Centers

**Undergraduate
Research Center
(URC)

**Arts
Humanities
Behavioral Sci.
Social Science
Ethnic Studies**

**Undergraduate
Research Center
(URC)

**Life Sciences
Biomedical Sci.
Physical Sci.
Math
Technology**

**Center for
Academic and
Research
Excellence
(CARE)

**MARC U*STAR
MSD
CAMP
BRIDGES**

**Each center has a director; activities
are coordinated by the Vice Provost's Office**

Undergraduate Research Centers

- **Hold student outreach workshops and orientation sessions**
- **Administer the entry-level student research program (SRP)**
- **Organize competitions for research scholarships, travel stipends, and achievement awards**
- **Plan campus celebrations; publish student journals; maintain campus web site for student research**

Student Research Program (SRP)

- open to all undergraduates (~1600 participate annually)**
- administered by the URCs**
- entry-level experience**
- 2-4 units; graded P/NP**
- online contract and evaluation by student and faculty mentor**

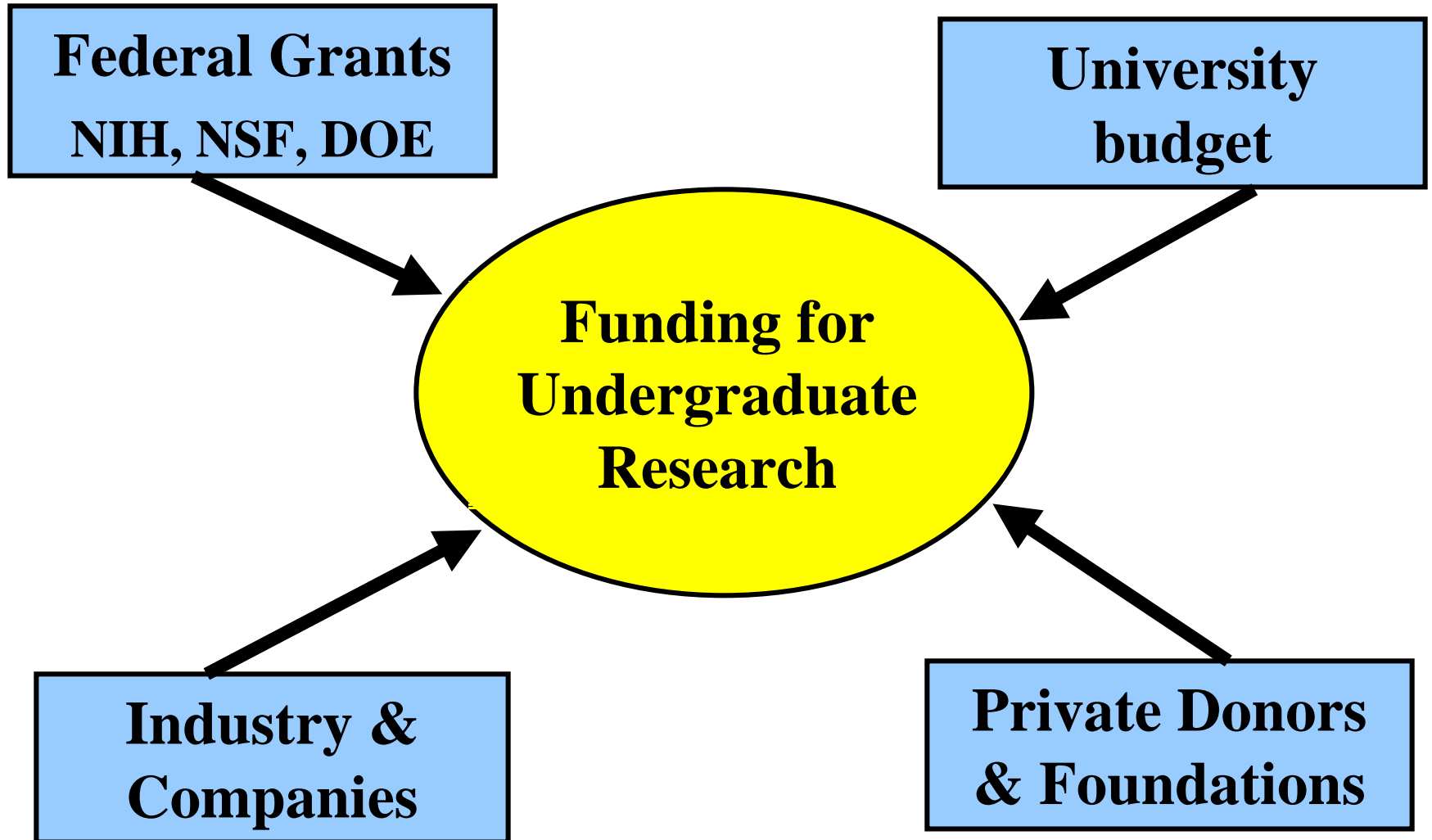
Undergraduate Research Development Stipends

- for students in SRP (entry level)**
- competitive application**
- \$1,000 per term**
- must present in one department
or campus research event**
- administered by the
undergraduate research centers**

Undergraduate Research Scholars Program

- jr/sr students engaged in an honors or a comprehensive research project**
- full-fee scholarship for 1 or 2 yrs, may include summer research**
- must enroll in department research class each term**
- must present research paper at regional or national meeting**

Where does the \$\$ come from?



Events that Celebrate and Promote

- **Department events & awards**
- **Campus events & awards**
- **Regional & State meetings**
 - **SCCUR**
 - **UC at Sacramento**
- **National society meetings**
- **International society meetings**
- **Co-author with faculty advisor**

Celebrating Undergraduate Achievement in Research

Undergraduate Research

Students Learning Knowledge While Creating Knowledge



Students do not just learn in classrooms. Many undergraduate students at UCLA are working with faculty on research projects pushing back the frontiers of knowledge while learning advanced techniques and research methods at the same time. This site is an entry point for students interested in getting involved in undergraduate research and provides visitors with a snapshot of students in research and the links between education and research.

[The Meaning of a Research University](#)

As a world class research university, UCLA encompasses a myriad of activities, but what does it mean to be a "research university?" The Provost of the UCLA College of Letters and Science, Brian Copenhaver, provides an eloquent view on the role of research in education.

[Recognition Award for the Integration of Research and Education \(RAIRE\)](#)

UCLA received the National Science Foundation Recognition Award for the Integration of Research and Education (called "RAIRE") for its outstanding efforts at combining basic research studies and innovative undergraduate programs in order to enhance the educational experience for students.

[Undergraduate Research Centers in the College of Letters and Science](#)

Looking for guidance and resources about undergraduate research? Visit the two Undergraduate Research Centers: Humanities and Social Sciences (1201A Campbell Hall) and Life and Physical Sciences (2121 Life Sciences).

[How to Get Involved in Undergraduate Research](#)

How can I participate in undergraduate research? How do I approach faculty? Here are some tips for aspiring undergraduate researchers.

www.college.ucla.edu/ugresearch/index.html

Celebrating Undergraduate Achievement in Research

Students in Undergraduate Research

Students Learning Knowledge While Creating Knowledge

Ms. Jessica Hausman

Jessica Hausman, a Junior Political Science major, is working under the mentorship of Political Science Professor Franklin D. Gilliam Jr. Jessica's research monitors the forces that influence discussion of youth violence. Is there really a "crisis of American youth?" What economic factors have coincided with decreased spending on programs for youth? What sociological forces have created rifts in public opinion? The case study she will investigate is California Proposition 21, the "Gang Violence and Youth Crime Prevention Act." While monitoring media coverage and public opinion, she will apply theory and past policy experience to juvenile crime policy in California. Further, she will correlate public spending for educational and community enrichment programs with crime rates in an attempt to build a case for crime prevention. This analysis will include a comparison between cost per person in the schoolhouse and in the jailhouse. Racial differences are clearly important in the issue of juvenile crime, and she will discuss the discrepancies in spending in predominantly white communities and communities of color. Using psychological and sociological research as a foundation, she will also attempt to determine why suburban school shootings have triggered such a public outcry, while violence in urban schools is not regarded as newsworthy. Only when considering all of these perspectives can one understand the dire need for youth advocacy in America.



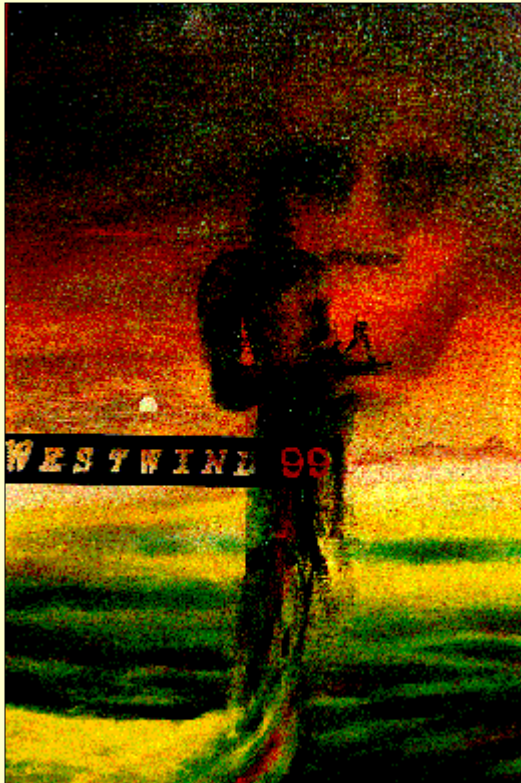
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Celebrating Undergraduate Achievement in Research



**UCLA Science Poster Day and
Westwind Conference for Humanities
& Social Science Research**

Celebrating Undergraduate Achievement in Research



Westwind, UCLA's undergraduate journal for social science research and creative writing



UCLA's undergraduate science and technology journal

Undergraduate Research: a major initiative at UCLA

**Achievements recognized by the
National Science Foundation
RAIRE Award: 1997-2001**

***RAIRE* =**

**“Recognition Award for the Integration
of Research and Education”**

GOALS

All students should have the *opportunity* to engage in a research experience at some level.

All faculty should be expected to mentor undergraduates in research at some level.

Undergraduate Research at UCLA

*....research
is just another word
for education!*

Dr. Reed Wilson, URC Director