

Growth of the Undergraduate Research Program at the University of Wisconsin-Whitewater



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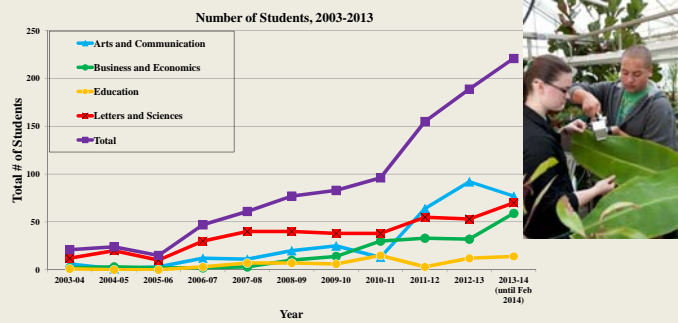


Undergraduate Research at UW - Whitewater

- 10,757 undergraduates, 1277 graduate students (2012-13)
- Undergraduate Research Program began in the late 90's
- Programs: Academic Year Grants, Summer Research Fellowships, Research Skills Workshops
- Events: Fall & Spring Undergraduate Research Days, NCUR, UW System Symposium for Undergraduate Research and Creative Activity, Posters in the Rotunda (Legislature)

Broadening Opportunity

- Tremendous growth, ~ 10x in the past ten years, especially in Business and Arts



Ethnicity	
African American/Black	9
Hispanic/Latino	17
Southeast Asian	3
Other Asian	5
White/Caucasian	420
Unknown	4
International	7
Two or More Races	4
American Indian/Native Alaskan	4
Grand Total	473
% minority	11.2%

Pell Grant (Low Income) Status	
Non-recipient	285
Recipient	188
Grand Total	473
% Low Income	66.0%

First Generation Status	
No	51
Yes	61
Unknown	361
Grand Total	473
% first generation (excludes unknown)	54.5%

Data from academic year 2006-07 to 2012-13



New Initiatives – Completed

Research Apprenticeship Program

- Paid research assistantship positions for freshman and sophomore students, especially students of opportunity
- Students enrolled in 'Research Methods & Ethics' course
- Attracted diverse student populations, especially minority students (campus: 12.5% in 12-13)

Ethnicity	
African American	3
Hispanic/Latino	11
Two or more races	4
Southeast Asian	1
Other Asian	3
White/Caucasian	33
International	2
American Indian/Alaskan Native	1
Grand Total	58
% minority	43.1%

Pell Grant (Low Income) Status	
Non-recipient	26
Recipient	32
Grand Total	58
% low income	55.2%

First Generation Status	
No	18
Yes	29
Unknown	11
Grand Total	58
% first generation (excludes unknown)	61.7%

Data from academic year 2011-12 and 2012-13

New Initiatives – Completed (Continued)

Community Based Research

- Partnership of students, faculty and community agencies
- Collaboratively engage in research
- Solve a pressing community problem or effecting social change

Innovation Center Entrepreneurial Research Support

- Undergraduate Research grants to develop new businesses
- Undergraduate Research grants to provide technical assistance to start-up businesses



Left: Kelli Kachelski developed a summer dance program for Land O' Lakes, WI, in collaboration with the Land O' Lakes Arts Alliance. Right: Chris Brooks received a fellowship to develop marketing plans for his 'Evolution Training Platform' for rock climbers to develop their grip strength

New Initiatives – In Progress

Adult Student Support

- Work with adult student coordinator to increase awareness



Embedding Research into the Curriculum

- On-going discussions with departments and administration

Solutions

Best practices in mentoring – pilot a faculty learning community to explore excellence in undergraduate research mentoring

Departmental and campus discussions – build awareness on how undergraduate research can support disciplinary and university missions and goals

Search and secure resources – internal (e.g. Provost's office, other campus units with shared goals) and external (e.g., Foundation, grants)

Acknowledgements

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