Undergraduate Research in Dedman College

Dedman College Faculty Mtg.
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Classroom:
- Individualized learning
- Provides knowledge foundation
- Unifying themes
- Practice
- Regular assessment

An increasing component of the undergraduate experience:

Undergraduate research:
A critical bridge to guide students in their journey toward the professional world.

Professional life:
- Performance in public
- More advanced/specific technique or technology
- Working in a community
- No exams

National organizations:
- National Conference on Undergraduate Research
- Council for Undergraduate Research
- American Association of Colleges & Universities
Research Outside Sciences
(AAC&U Undergraduate Research Conference Nov. 2010)

• Often difficulty because of language
  – Science model not applicable
  – ‘studio time is not lab time’
  – Solitary: individual insights of scholar
• Art therapy: techniques encouraging creativity in student learning
• Music: analysis of jazz-poetry connection in NYC
• Architecture: the five pointed star in Etruscan Sigla
• English: research in modernism and national identity in modern poetry
Some results from CUR member Universities

• 82% Workshops for student development
• 85% Summer stipends
• 65% Academic year stipends
• 71% Travel funds to present
• 44% Undergraduate research journal
SMU Undergraduate Research Programs

• **Undergraduate Research Assistantships** (URA), **Hamilton Scholars** (Dedman-only), Richter Scholars, Big iDeas
  • Information and forms at:  [http://smu.edu/ugradresearch](http://smu.edu/ugradresearch)

• URA Program
  • Set up in 2005 using financial aid (work/study) to encourage research and help with recruitment; matching funds from mentor or department
  • Hourly wage (typically $10/hour)—students work 5-10 hours/week
  • Summer research is supported
  • Coordinated through Prof. Van Kemper through last year; now Prof Kehoe
    • URA Steering Committee includes 7 Dedman faculty
Hamilton Scholars

• Its origins
• How it works: soliciting faculty proposals; only Dedman
• 2008-09- 9 scholars; 2009-10-10 scholars; 2010-11-20 scholars
• 2010-11: 2 in Division I; 3 in Division 2; 15 in Division 3
• “We’re so pleased that we can help undergraduates become more involved with research and encourage them to pursue advanced studies. That’s the whole idea of education.” — Jack Hamilton
Snapshot of URA

- Continuous growth
- About 70% from Dedman:
  - Anthropology, biology, chemistry, geology, economics, ISEM, math, physics, sociology, psychology, political science
- Publications, national conferences

2010-2011 #s:

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<th>Year</th>
<th>2010</th>
<th>2011</th>
<th>Total</th>
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<td></td>
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Project start month:

- September: 8
- October: 18
- November: 35
- December: 42

- January: 0
- February: 0
- March: 0
- April: 0
- May: 0
- June: 0
- July: 0
- August: 0
A little more detail at:


March 25th
Nature of Scholarship lunch