

Student-Faculty Collaborative Research: Opportunities and Challenges

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John Falconer, PhD
University of Nebraska at Kearney

Definitions and Forms

- Collaboration between student and faculty member
 - Design
 - Conduct
 - Dissemination
- Novel Work
- Appropriate methods for discipline

Definitions and Forms

- Departmental Research
- Faculty Projects
- Embedded in a Class
- Built into Curriculum
- Campus Programs

Why? (values and outcomes)

- Students
 - Ownership
 - Performance
 - Academic Expectations
 - Placement



Why? (values and outcomes)

- Faculty
 - Teaching
 - Developing Researchers
 - Re-engagement
 - Lab support
 - Departmental Culture

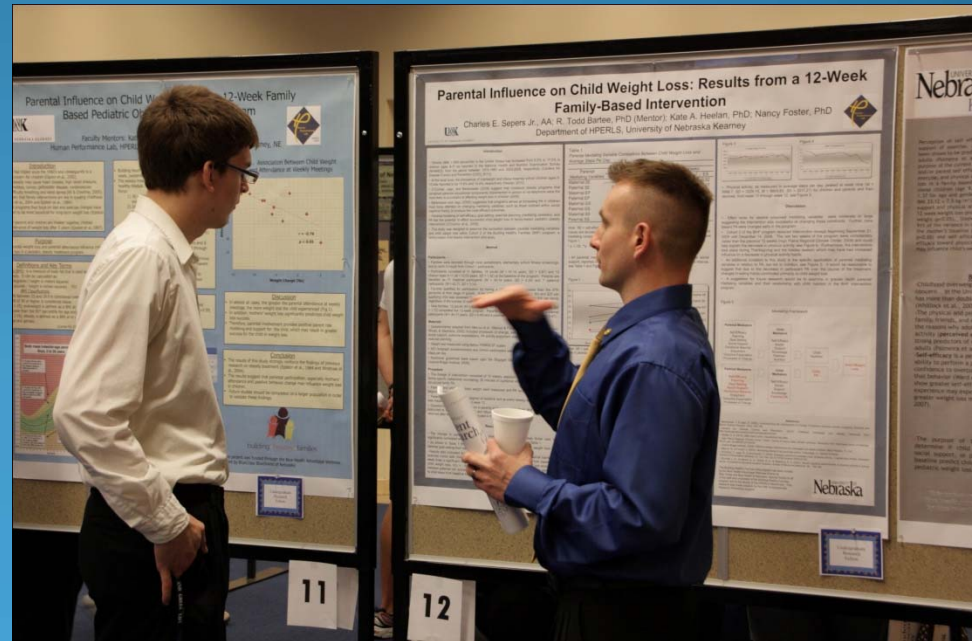
Why? (values and outcomes)

- Institutions
 - Student Outcomes
 - Recruiting and Retention
 - Competitive niches



Challenges

- Inefficient
- Expensive
- Student Access



Connections to Sponsored Programs

- Strengthens Research Culture
- Post Tenure Activation
- Integrates OSP into more institutional goals

Connections to Sponsored Programs

There are two theories that present themselves. One is that the talent that assembled in Shakespeare's London was a random cluster, an act of God to locate in this one place and time a very un-usual pile of literary talent. The other theory is that there is talent everywhere; it is merely that some societies are good at developing it and other societies not so good.

--Bill James, Slate magazine
<http://www.slate.com/id/2289380/>

Connections to Sponsored Programs

- Funding:
 - NSF RUI, REU
 - NIH AREA (R15)
 - Howard Hughes Medical Institute
 - Private Funders

Resources

- Council on Undergraduate Research (www.cur.org)
- Nat'l Conference on Undergraduate Research

Contact

John Falconer, Director
Office of Undergraduate Research & Creative Activity
University of Nebraska at Kearney
308.865.8496
falconerj@unk.edu
www.unk.edu/ugr