DIY Tools for Grad Program Assessment

An Approach and Some Examples

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2013 Assessment: PLO 4

“Ability to integrate knowledge across the disciplines that compose cognitive and information sciences.”

direct approach

indirect approach

CogSci ’13: our major (and interdisciplinary) conference
E-Survey

Research Performance

- Both qualitative and quantitative consideration of interdisciplinary contributions.

Student Benjamin St. Clair is giving a CogSci talk that integrates issues of neurocomputation and philosophy, and informs both.

Student Patricia Lichtenstein has been working on an IARPA grant project (PI: Matlock) contributing to the study of metaphor (linguistics) and also how metaphor can be detected (computer science).

Student Shanna Erickson's research may shed light on metacognition in cognitive psychology, while also informing education.

Student Bodo Winter, who integrates diverse methods and topics, has recently published in both linguistics and cognitive psychology journals.

Our Presentations

Quantitative

Ranked institutions (by # of lead presentations)
PLO 4 Conclusion

• Great strides in supporting interdisciplinary research: students feel it, showcase it, and performance metrics support it.

• Good feedback, too (e.g., technical offerings, encouragement to go beyond graduate faculty…)

• Future approach: **DIY evaluation tools** facilitating further quantitative assessment.

ASSESSMENT

web form

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“content blocks”

item

content

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publications

presentations

service

reports

NLP scripts

on my awesome computer
cognitive & information sciences  graduate student productivity and contributions in the 2012-2013 academic year

Cognitive & Information Sciences  Graduate Student Productivity and Contributions in the 2012-2013 Academic Year

- 10 cities, 6 countries
- 59 unique conference presentations
- 8 unique workshop experiences
- 40 unique writing endeavors
- 5 chapters
- 12 accepted or in-press journal articles
- 13 submitted journal articles
- 13 proceedings
- 3 in-prep papers
- 5 unique workshop presentations
- 12 ad hoc journal manuscript reviewing
- Providing extensive undergraduate research experiences
- University representation and coordination
- Workshop presentations to summer research programs, e.g., McNair Scholars Program

Based on data from 19 students

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program
Graduate Assessment

Thanks