Research Challenges: The Pathway to Engagement and Progress

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“A diamond is a chunk of coal made good under pressure.”
–Henry Kissinger
Challenges: Research Environment

- Reduced funding opportunities
- Scholarly value
- Practical implications
- Weak relationships with other discipline
- Lack of connection with previous research
- Limited communication of research & outputs
- Inconsistent quality
Most widely used research methods

Any comments you would like to make regarding TV programs or TV in general would be appreciated. It's not nearly as interesting as the Internet.
## Research Papers by Methodology and Year

(Powell, 1999)

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Research Methods:
Library Literature and Information Science
Full-text Indexed 1999-2008

• Two most used methods
  – Questionnaire most used
  – Interview method followed

• Nearly a third Mixed Methods

(Julien, Pecoskie, & Reed, 2011)
Research Methods: JDoc 2001-2010

(N=367)

- Theoretical approach, 38%
- Content analysis, 14%
- Questionnaire, 13.8%
- Experiment, 13.4%
- Interview, 13.4%

(Chu, 2015)
Research Methods: JASIS&T 2001-2010
(N=554)

• Experiment, 31%
• Bibliometrics, 23%
• Questionnaire, 14%
• Content analysis, 13%
• Theoretical approach, 12%

(Chu, 2015)
Research Methods: 
**LISR 2001-2010**

- Content analysis, 30%
- Questionnaire, 28%
- Interview, 20%
- Theoretical approach, 15%
- Experiment, 9%

(N=241)
## Research Methods: JAL 2004-2013

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(N=346) (Luo & McKinney, 2015)
Research Methods:
JASIST, Information Research 2012-2013
JDOC, iConference Proceedings 2013-2014

• Mixed Methods, 45%
  – More than two methods, 7%
  – Qualitative-Qualitative, 69%
  – Quantitative-Qualitative, 31%
  – Quantitative-Quantitative, 0%
• Interviews, 51
• Surveys, 34
• Content Analysis, 28

(Greifeneder, 2014)
Mixed Methods Research

- Any combination of research methods
  - Qualitative
  - Quantitative
  - Participatory
  - Action
  - Design

- Equal attention to all stages of research process

- Findings should be iterative & informative

(Kazmer, Forthcoming 2016)
Challenges: Research Methods

- Data Collection & Analysis
  - Costs
  - Bias
  - Inaccurate & incomplete

- Sampling

- Massive amounts of data

- Evolving technologies
“The creative process is not like a situation where you get struck by a single lightning bolt. You have ongoing discoveries, and there are ongoing creative revelations. Yes, it's really helpful to be marching toward a specific destination, but, along the way, you must allow yourself room for your ideas to blossom, take root, and grow. “

–Carlton Cuse
Not failure but opportunities for engagement & progress
References


Thank You!
Gracias

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