Welcome

ELC 2011

Interdisciplinary and Interprofessional Teaching, Research and Practice
Education Leadership Conferences

- Provide a forum
- Promote a shared disciplinary identity
- Impact public policy
ELC 2001
Rethinking Education in Psychology and Psychology in Education
Education Leadership Conferences

2003: Creating a Voice for Education in Psychology: Accountability, Assessment and Advocacy

2004: Applying Psychological Science to Education in Psychology

2005: Dialogues on Diversity: Individual, Organizational and Epistemological

2006: Promoting Excellence: Using Assessment to Enhance Teaching and Learning
Education Leadership Conferences

2007: Sharing Psychology: Its Role in Education for Other Professions

2008: Internationalizing the Psychology Curriculum

2009: Preparing Tomorrow’s Health Workforce

2010: Psychology and Lifelong Learning
Advocacy

- Hill visits are critical
- “Super Committee”
- New Members
Don’t forget…
Need for Coherent Voice
Major Issues

• Promote psychological literacy

• Advance psychology in health
  – As a discipline and as a profession
  – Identity of health service psychologists
Interdisciplinary and Interprofessional Teaching, Research and Practice
Multidisciplinary

Tress, Tress & Fry, 2003
“Interdisciplinary research is a mode of research by teams or individuals that integrates information, data, technique, tools, perspectives, concepts and/or theories from two or more disciplines or bodies of specialized knowledge to advance fundamental understanding or to solve problems whose solutions are beyond the scope of a single discipline or field of research.” (COSEPUP, 2005)
Interdisciplinary

Tress, Tress & Fry, 2003
Expansion in Knowledge

• Increase in number of departments in universities
• Increase in number of professional societies
• Increased specialization
“The world has problems, but universities have departments”

Brewer, 1999
Academia

- Centers
- Splitting indirect costs
- Roving professors
- Cluster hiring
- Course credit sharing
- Research hotels
- New curricula/degree programs
Current Journals

• Experimental and Clinical Psychopharmacology
• Journal of Neuroscience, Psychology and Economics
• Journal of Occupational Health Psychology
• Journal of Theological and Philosophical Psychology
• Psychology, Public Policy, and Law
Backbone of Science

Boyack, Klavans & Borner (2005)
Psychology is a hub science.
Growth of Interdisciplinary Team Science

NSF Total Funding

<table>
<thead>
<tr>
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<th>1982</th>
<th>2010</th>
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<tbody>
<tr>
<td>Single investigators</td>
<td>88%</td>
<td>38%</td>
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<tr>
<td>Multiple Investigators</td>
<td>12%</td>
<td>62%</td>
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NIH Roadmap for Medical Research
Impact of Generative Technologies
Facilitating Interdisciplinary Research

COSERPUP, 2005
Interprofessional Practice
Ethics Code

• “Psychologists consult with, refer to, or cooperate with other professionals and institutions to the extent needed to serve the best interests of those with whom they work.” (Principle B: Fidelity and Responsibility)

• “When indicated and professionally appropriate, psychologists cooperate with other professionals in order to serve their clients/patients effectively and appropriately.” (Standard 3.09: Cooperation with Other Professionals)
Major Reports

- IOM (1972). *Educating for the Health Team*

- Pew Health Professions Commission
Major Reports

IOM, 2000

IOM, 2001

IOM, 2003
Interprofessional Professionalism Collaborative

http://interprofessionalprofessionalism.weebly.com
Interprofessional Education

“When students from two or more professions learn about, from and with each other to enable effective collaboration and improve health outcomes” (WHO, 2010)
Interdisciplinary Teaching and Learning
Signature Pedagogy (Shulman)

• The signature pedagogy of the 21st century is "discovery centered, interdisciplinary integrative, translational and contextual." (Youatt and Wilcox, 2008)

• Interdisciplinary T&L is important in all higher education.
Interdisciplinary Teaching and Learning

American Association of Colleges and Universities (AAC&U): Initiatives to engage students as integrative learners drawing on multiple bodies of knowledge.

Introductory psychology course
Workforce Development
Unresolved Issues

• For what?
• When?
• How?
• By Whom?
• In what context?
Interdisciplinarity is a 21st Century imperative.
Thank you