Enhancing Research Success University of Idaho Research Planning

October 14, 2015

"...I have always found that *plans are useless*, but *planning is indispensable*" - Dwight D. Eisenhower
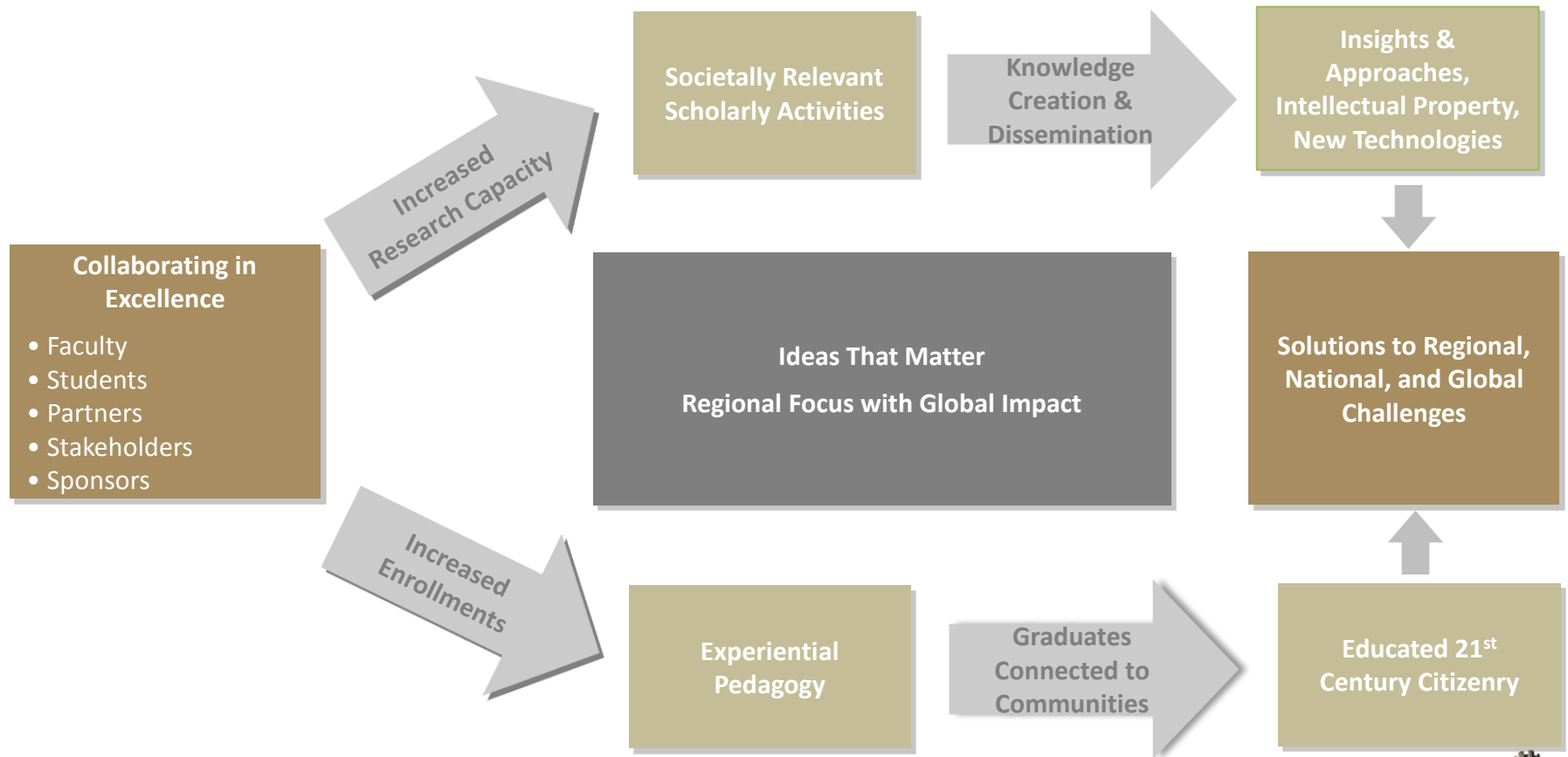
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Research Planning

- Why now?
  - Continued UI relevance requires increased focus on multi-institutional transdisciplinary cutting edge research
  - Changing local and national research environments require strategic prioritization
  - Sustainable undergraduate enrollment growth and increased research activities are linked via faculty involvement

- Where are we going?

  An open and resourced process for
  - Identification of university wide themes
  - Strategies to resources these themes
  - Improved policies to enable cutting edge scholarly activity

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UI will be Most Effective and Relevant where Learning, Discovery, and Engagement are Linked

Societally Relevant Scholarly Activities

Knowledge Creation & Dissemination →

Insights & Approaches, Intellectual Property, New Technologies

Increased Research Capacity →

Collaborating in Excellence

- Faculty
- Students
- Partners
- Stakeholders
- Sponsors

Ideas That Matter

Regional Focus with Global Impact

Solutions to Regional, National, and Global Challenges

Increased Enrollments →

Experiential Pedagogy

Graduates Connected to Communities →

Educated 21st Century Citizenry

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Building & Sustaining Scholarly Activity

- *PURPOSE* – defining the role of scholarly activity in achieving the university's mission

- *PRIORITIES* – identifying areas of preeminence

- *PLANS* – developing unity, focus, and "buy in" to guide allocation of resources

- *PEOPLE* - empowering faculty supported by students and staff to deliver transformational scholarly activity

- *PARTNERS* – working with others to expand capabilities, capacity, and relevance of scholarly activity

- *PROCESSES* – enabling innovative, efficient, safe and compliant scholarly activity

- *PLACES* – providing well equipped space for exceptional results

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University Scholarly Activity Plan

- Aligns with the UI wide strategic planning process
  - Role of scholarly activity in UI missions
- Articulates the future state of scholarly activity at UI
  - Research themes and initiatives
  - Agencies and sponsors to support
  - Faculty, staff and student mixes
  - Programs and core facilities/infrastructure
- Honors and expresses UI's values
- Defines goals and metrics
- Recognizes opportunities and limitations
- Provides a high-level road map to achieve goals

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Planning Hierarchy

UI Strategic Plan

Faculty Staff Handbook

Administrative Procedures Manual

University Research Plan

Theme Program Plans *1 to n*	Societal issues Scientific "choke points" Technical approach Sponsor & Agencies
Completion Needs Document	Personnel Instrumentation Facilities Operations
Communications Plan	Audience Message Branding
Commercialization & Outreach Plan	Intellectual Property Tech Transfer Business & Job Creation
Policies & Procedures	Effective Efficient Predictable

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Research Themes/Initiative "Program Plans"

- Supplements University Research Plan
- Analysis of societal and other issues
  - Who owns the issues
  - Why do the issues need to be addressed
  - What is the "cost" of the issues and the "value" of their solutions
- Identification of key scientific (or public policy/ acceptance or other) choke points
- Articulation of UI's proposed technical and organizational approaches to address the choke points
- Discussion of likely agencies and sponsors that will support the efforts

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Research Themes/Initiative

- Transdisciplinary challenges with regional focus and global impact
- Build on existing or emerging strengths—competitive advantage
- Engage multiple colleges
- Can grow to 30 or more university investigators in genuine collaboration
- Provide opportunities for student involvement (especially at the Ph.D. level)

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Path Forward

- Articulate the Role of Research at the University of Idaho
- Identify (using semi-open workshops) existing and develop aspirational research themes
- Establish Goals
- Develop draft plan
- Vet plan with faculty and leadership
- Incorporate and address comments
- Identify sources for needed resources
- Roll out and implement

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Scholarly Themes

- University Wide Committee
- Supported by data (Elsevier)
- Larry Forney and Andy Kersten to Co-Chair Charge
  - Develop list of current (themes) and potential (initiatives) in cross-cutting areas
  - Assess capacity (faculty strength, collaborators & sponsor interest, and infrastructure)
  - Identify barriers
  - Provide metrics
  - Summarize finding and recommendations

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Committee Nominations

- Email nominations to vpresearch@uidaho.edu

- Short summary of qualifications
  - Experience in transdisciplinary scholarly activity
  - Actively engaged in scholarly activity
  - Demonstrated ability to "think outside of the box"

Questions?

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