

TRANSFORMATIVE EDUCATION 2.0 UPDATE

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Overall Scope of Transformative Education 2.0

Roadmap Foundations

Experiential Education

Innovation Hub

Office of Experiential Education

Jennifer Dobbs-Oates, director of the office and
clinical professor of HDFS

EXPERIENTIAL EDUCATION

Mission: to support, enhance, and expand
undergraduate experiential education at Purdue
– West Lafayette

Definitions

- Experiential education is a planned pedagogy centering on an authentic experience to strengthen students' knowledge, skills, and abilities, paired with student reflection.
- Currently developing a list of ExEd subtypes with definitions and examples

Building Purdue Capacity

Programs for faculty, staff, and graduate students

- ExEdCommunity of Practice, ExEdWorkshops, and other events
- ExEdChampions
- Resources on Office of ExEdwebsite

Increase Scale and Access

Providing resources to students and programs

- \$100K annual scholarship budget. Scholarships support students participating in Purdue ExEdopportunities.
- ExEdProgram Grant opportunity launched last fall. Four grants funded.
 - Rachel Clark et al. (Nutrition Science, Housing & Food Services)
 - John Dunning et al. (Forestry & Natural Resources)
 - Sarah La Rose et al. (Agricultural Sciences Education & Communication, Animal Sciences)
 - David Whittinghill et al. (Computer Graphics Technology)

Purposes of the tracking project:

- ExEd participation tracking to inform decision-making, accountability, and messaging
- Increased efficiency for ExEd programs through administrative tools
- Improving student experience through a “onestop shop” for ExEd experiences and building a culture of ongoing reflection

Innovation Hub

Ed Berger, Director

Beth Fines, Managing Director

INNOVATION HUB

Mission: to propagate teaching and learning innovations at scale and promote transdisciplinary learning opportunities for students

Innovation Hub Evolution

Innovation Hub is the home for ‘course-based’ academic innovations.

- **Project funding mechanisms** by which innovators (teams of faculty, staff, and students) can pursue projects to explore scalability both in size and across disciplines/settings
- Emphasis on **transdisciplinary experiences** for students
- A **network of experts and partners (“innovation fellows”)** to embed considerations of assessment, equity, student acceptance, and many other dimensions into each innovation project
- Innovation Hub-level **evaluation, data collection, and comparison** against target metrics for participants, engagement, and outcomes
- A focus on **development and expansion of innovations**, with a secondary outcome on the scholarship of teaching and learning (SOTL)

Innovation ~~Map~~ Actors

Innovation Hub partners with people and teams across campus:

- **Managing Director, Innovation Hub (new)** . A staff professional providing project management and strategic direction to the Hub.
- **Innovative Learning Team (existing)** . Center for Instructional Excellence, Teaching and Learning Technologies, Purdue Online, Envision Center, and Libraries, who engage in innovation across the education space.
- **Office of the Executive Vice President for Research (existing)**. Partnership on a grant writing program targeting NSF IUSE projects, CAREER, and other research initiatives.
- **Purdue Online (existing)** . Potential co-funding for technology-oriented innovations.
- **IDA+A (existing)**. Partnerships on data collection and sharing.
- **Students (existing)** . Student voice is integrated in both advisory and project capacities.
- **Faculty and staff (existing/new)**. Partnerships with individuals across colleges.
- **Partners via Innovation Hub programs (new)**.
 - Innovation Grant awardees
 - Innovation Fellows
 - Transdisciplinary planning grant teams

Innovation Hub Initiatives

Hub programmatic and funding opportunities for faculty and staff:

- **Innovation Grants Programs** . Teams submit brief proposals for funds to support *development* and scaling of their innovation project. Multiple funding levels, each with specific expectations.
- **Innovation Fellows Program** . Faculty and staff share their experience and expertise.
- **Butler -Purdue Fellows** . Lilly Endowment funding also provides for a Butler-Purdue partnership around teaching and learning innovation.
- **IUSE Mentored Proposal Writing series.** A mentored experience focused on the higher levels (>\$600k) of IUSE funding, targeting the July IUSE deadline.
- **Transdisciplinary Program Planning Grants.** Support for teams of faculty and staff developing truly transdisciplinary experiences for students.
- **Innovation Grant Special Calls.**
 - Teaching and learning in an AI-rich environment
 - Virtual labs, VR/AR, and adjacent technologies for teaching and learning

Innovation Hub 2022 Accomplishments

Awarded Fellowships and Grants

Program	Number of Awards	Total Budget (approximate)
Innovation Grant (Pilot)	7	\$280,000
Innovation Fellowship	4	\$65,000
Innovation Grant (Mid-Scale)	3	\$450,000
Transdisciplinary Planning Grant	6	\$120,000

Key Priorities and Interests

Access & equity
AI/ ML tools
Assessment
Campus culture/operations
Career/workforce development
Experiential education
Pedagogical experimentation
Professional development/mentoring
Technology tools (non-AI)
Transdisciplinary collaboration

THANK YOU

For additional information on the Office of Experiential Education, please contact Jennifer Dobbs Oates at jendo@purdue.edu

For additional information on the Innovation Hub, please contact Ed Berger at atbergere@purdue.edu