

*The following message is sent on behalf of Jeremy Haefner,
Provost and Senior Vice President for Academic Affairs*

Colleagues,

Please join me in congratulating the following faculty for receiving Provost's Learning Innovation Grants for 2013. You will be able to view their proposals on the new PLIG website at: <http://wallacecenter.rit.edu/tls/provosts-learning-innovation-grants>

I am very pleased to write that the campus faculty responded favorably and aggressively in proposing pedagogies that support the 'flipped classroom' concept. Of the total awards distributed, 73% of them went towards projects that in some way advanced a flipped classroom approach. I thank all faculty who submitted proposals for their commitment to innovating in the classroom.

Focus Grants

Provides funds for faculty to develop or apply an innovative mode or model of teaching and learning that directly supports an RIT priority. The focus area for this academic year is applying a flipped classroom model to (re)designing all or part of a course. A flipped classroom is one in which students view a pre-recorded lecture and related content online before the scheduled class meeting; classroom time is then used for discussion, problem solving, and other activities that allow them to engage the content at a deeper level.

R. Mithu Dey (SCB, Accounting) PROJECT: "Flipped Cost Management"

Caroline Easton (CHST, Clinical Psychology) PROJECT: "Virtual, Cyber and Human Visualization Interactive Technology in Teaching Addiction Pharmacology and Behavioral Effects"

Eve Delaney Foxsmith and Mindy Hopper (NTID, Liberal Studies)
PROJECT: "Flip the Classroom for NTID English Deaf Students"

Kathleen Lamkin-Kennard (KGCOE, Mechanical Engineering) PROJECT: "A Novel Hybrid Approach for Teaching Biomaterials"

Kelly Martin (CLA, Communications) PROJECT: “Digital Design Flipped Classroom”

Rick Mislán (GCCIS, Computing Security) and Tae Oh (GCCIS, Information Science & Technology) PROJECT: “MoSeVERE - Mobile Security and Vulnerability Exploitation Research and Education”

Antonio Mondragon (CAST, Electrical, Computer and Telecommunications Engineering Technology) PROJECT: “Agile Senior Capstone Courses”

Dina Newman and Harvey Pough (COS, Gosnell School of Life Sciences) PROJECT: “Conversion of AP Scholars Introduction to Biology to a Cinematic Lecture Inverted Course”

Elouise Oyzon (GCCIS, IGM) PROJECT: “Classroom integration of open-source tools”

Jim Perkins (CHST, Medical Illustration) PROJECT: “Inverted Classroom Teaching of Computer Graphics Software”

Michael Schrlau and Robert Stevens (KGCOE, Mechanical Engineering) PROJECT: “Inverting Mechanical Engineering Heat Transfer using Pencasts”

Exploration Grants

Provides seed funds for faculty to investigate an innovative mode or model of teaching and learning in terms of its potential to positively impact student outcomes and the student experience at RIT.

Miguel Bazdresch (CAST, Electrical, Computer & Telecommunications Engineering Technology) PROJECT: “Platform for Hands-On Learning of Wireless Communications”

Sandra Connelly and Michael Long (COS, Gosnell School of Life Sciences) PROJECT: “D/W/F Rate: What is the problem?”

Glen Hintz (CIAS, Medical Illustration) PROJECT: “Teaching Anatomic Figure Drawing with Interactive Media and 3D Simulations”

Yin Pan (GCCIS, Computing Security) PROJECT: “Interactive Visualization Game-Based Digital Forensics Course for Undergraduate Education”

I would like to thank the staff of the Innovative Learning Institute (ILI) for designing and managing the new PLIG application and review process. I would also like to thank the PLIG review committee for their outstanding service to RIT: Neil Hair, ILI; Paul Craig, COS; Beth DeBartolo, KGCOE; John Edlund, CLA; Mike Floeser, GCCIS; Diane Heyden, NTID; Thomas Lightfoot, CIAS; Thomas Reichlmayr, GCCIS/Institute Effective Teaching Committee representative; Mike Slifka, CAST; and Michael Starenko, ILI/Teaching & Learning Studio.

Jeremy Haefner, Ph.D.
Provost and Senior Vice President for Academic Affairs

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