INNOVATIONS IN TEACHING AND RESEARCH: TECHNOLOGY DAY AT MARQUETTE

TECHNOLOGY DAY AT MARQUETTE

Demonstrating The Innovative Use Of Technology In Teaching And Research At Marquette University, To Encourage Collaboration Among Peers, And To Initiate A Dialogue Regarding Academic Technology Within The Institution.

The Committee on Academic Technology plans to host this event to promote and encourage academic technology. The goals of the event are 1) to demonstrate the innovative use of technology in teaching and research at Marquette University; 2) to encourage collaboration among peers; and 3) to initiate a dialogue regarding academic technology within the institution.

This year, the day included opening remarks from Marquette University President Michael R. Lovell, a keynote speaker, Dr. Bryan Alexander, Lightning Talks from Marquette faculty, Faculty panel discussions, and tours of campus technology labs and facilities, including the Opus College of Engineering visualization lab.

The keynote speaker is a futurist, researcher, writer, speaker, consultant and teacher, working in the field of how technology transforms education. He consults throughout higher education in the U.S. and abroad on topics including mobile devices, gaming, pedagogy, scholarly communication, forecasting, and the future of academia.

The goal of the Lightning Talks was to present a single topic quickly and clearly. Presentations were centered on innovative teaching and research practices; they were interesting, engaging and entertaining. The faculty presenters were Monica Adya, Associate Professor of Management; Eugenia Afinoguénova, Professor of Spanish, Foreign Languages and Literatures; Lisa Koenig, BChD, DDS, MS, Professor and Predoctoral Program Director for Oral Medicine and Oral Radiology; and John LaDisa, Ph.D., Associate Professor of Biomedical Engineering.

The purpose of faculty panel discussions was to provide an opportunity for dialogue about the technology presented and academic technology innovations in general. The keynote speaker also participates in the panel discussion.

The tours of technology labs and facilities provided another opportunity for the Marquette community to see existing use of technology and consider new ways to implement technology for academic purposes. The four tours sites in 2015 were College of Nursing Wheaton Franciscan Healthcare Center for Clinical Simulation; College of Engineering Visualization Lab; School of Dentistry Preclinical Simulation Laboratory; and Center for Teaching and Learning International Collaborative Learning Classroom.

The Innovation Fund covered some of the expenses for this year's event.

MILESTONES

This project was completed on Septeber 15, 2015

We began planning in September 2014.
Secured the Keynote speaker in December 2014.
Solicited and selected faculty presenters from February 2015 to April 2015.
Worked with faulty presenters in July through September to polish and refine presentations.
Coordinated Tours with 4 colleges and departments.
Event was held on September 15, 2015

ABOUT OUR TEAM

Our team is a subset of the Committee on Academic Technology. We have adopted this project to promote innovative use of technology at the university. Currently, there is no forum or showcase to highlight innovative and excellent use of academic technology. By providing this high-profile event, we expect to inspire and encourage additional technological innovations within the Marquette community.

Rev. Michael Class, S.J. A member of the Planning Committee, coordinator of campus technology tours for the day, and general responsibilities for facilitation of day's events.
Ms. Elizabeth Gibes A member of the Planning Committee
Ms. Kathy Lang A member of the Planning Committee, coordinate arrangements for keynote speaker
Mr. Patrick Loftis Co-chair of the Planning Committee
Dr. Gary Meyer A member of the Planning Committee
Mr. G. Jon Pray A member of the Planning Committee, prepare web site for solicitation of speakers and announcement of event
Dr. Kevin Rich A member of the planning committee
Dr. Heidi Schweizer A member of the Planning Committee
Mrs. Janice Welburn A member of the Planning Committee, organize event space and catering
Mr. Tom Wirtz Co-chair of the Planning Committee

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BEYOND BOUNDARIES

Our project is aligned with two strategic themes. One objective of **"PURSUIT OF ACADEMIC EXCELLENCE FOR HUMAN WELL-BEING"** is to develop new learning and research technologies. Our event accomplishes this objective in a few ways. First, the event establishes a campus dialogue about innovative and exciting academic technology. Further, as a showcase of select innovative technology, the event creates a culture that promotes the use of technology to improve academic learning and research. Finally, through the keynote speaker, the Marquette faculty will hear about many innovative trends.

An objective of **"ENHANCEMENT OF ORGANIZATIONAL EFFECTIVENESS"** is to foster personal growth and development through continuous individual improvement. This event fosters personal growth and development by demonstrating technological excellence available at Marquette, by providing a network of peers who have interest and experience applying technology to improve academic learning and research.

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University Infrastructure and Support