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 **University of Memphis Celebrates**

**Inventors’ Achievements**

 The Office of Technology Transfer of the FedEx Institute of Technology recently hosted the 2016 University of Memphis Inventor Celebration to honor and recognize those who have received issued patents or licensures for their inventions and/or intellectual property. The event was held Thursday, October 27th, at the University of Memphis FedEx Institute of Technology.

 The event featured remarks by President M. David Rudd and keynote Mr. Phil Trenary, President and CEO of the Greater Memphis Chamber of Commerce. Along with awardees, the Office of Technology Transfer also recognized five inventors who recently received a technology grant to further the research and development of their technology. These grants, awarded for the 2016-2017 academic year, are to promote faculty innovations plus support the protection and commercialization of inventions made by faculty and researchers.

Those inventors who were recognized for being awarded a patent include:

* Dr. Abby Parrill (College of Arts and Sciences): Patent No. 8,497,371 Pipedemic acid derivative autotoxin inhibitors;
* Dr. Eddie Jacobs (Herff College of Engineering): Patent No. 8,870,345 Spatially-selective disk, submillimeter imaging devices, methods of submilliter imaging, profiling scanners spectrometry devices, and methods of spectrometry; and, No. 8,508,592 Spatially-selective reflector structures, reflectors disks, and system and methods for use thereof;
* Dr. Gary Emmert (Department of Chemistry): Patent No. 8,969,093 Calibration method and device for remote location testing instruments;
* Dr. Paul Simone, Jr (Department of Chemistry): Patent No. 8,969,093 Calibration method and device for remote location testing instruments;
* Dr. Warren Haggard (Herff College of Engineering): Patent No. 8,993,540 Compositions and methods for delivering an agent to a wound;
* Dr. Joel Bumgardner (Herff College of Engineering): Patent No. 8993540 Compositions and methods for delivering an agent to a wound;
* Dr. Xiangen Hu (Department of Psychology): Patent No. 9,158,841 Methods of evaluating semantic differences, methods of identifying related sets of items in semantic spaces, and systems and computer program products for implementing the same;
* Dr. Zhingiang Cai (Institute for Intelligent Systems): Patent No. 9,158,841 Methods of evaluating semantic differences, methods of identifying related sets of items in semantic spaces, and systems and computer program products for implementing the same; and,
* Dr. Arthur Graesser (Department of Psychology): Patent No. 9,158,841 Methods of evaluating semantic differences, methods of identifying related sets of items in semantic spaces, and systems and computer program products for implementing the same.

Those inventors who were recognized for being awarded technology grants include:

* Dr. Bashir Morshed (Herff College of Engineering): “Fully-passive Wireless Continuous Temperature Sensing System Using Low-Cost Inkjet Printed Disposable Body-worn Sensors”;
* Dr. Dipankar Dasgupta (Department of Computer Science): “The Development of an Adaptive Multi-Factor Authentication Framework”;
* Dr. Firouzeh Sabri (Department of Physics and Material Sciences): “Lightweight Flexible Temperature Sensor Kit for Biologics”;
* Dr. Joel Bumgardner (Herff College of Engineering): “Chitosan Nanofiber Composition, Composition Comprising Modified Chitosan, and Method of Use”; and,
* Dr. Susan Elswick (Department of Social Work): “ENGAGE: An API Capable Data Collection and Analysis System for Education and Behavioral Health.”

 One of the critical components of any academic institution is the original contributions of its research. The FedEx Institute’s Office of Technology Transfer is leading the Mid-South in pioneering inventions and innovations that help raise the profile of Memphis and our role as a national technology leader.

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