

The University of Detroit Mercy has been accepted into the prestigious Howard Hughes Medical Institutes Science Education Alliance. UDM is one of 17 universities this year joining the Alliance through the Science Education Alliance Phage Hunters Advancing Genomics and Evolutionary Science (SEA-PHAGES) program beginning in the summer of 2015.

As a member of the Alliance, faculty and undergraduate students in the Department of Biology of the College of Engineering and Science will participate in a three-year national phage genomics research project, in conjunction with faculty and students at more than 70 colleges and universities around the country.

The College of Engineering and Science has a strong track record of involving undergraduates in true scientific discovery," said Gary Kuleck, dean of the college and professor of biology. This program is an unparalleled opportunity for our students to participate in authentic research from day one of their college experience, learning to think and act as scientists. It also gives faculty the op-

portunity to integrate innovative teaching and research components into the curriculum."

Stephanie Conant, associate professor of biology, and Jacob Kagey, assistant professor of biology, will jointly oversee and run the project in the coming academic year.

HHMI established the Alliance in 2007 and the SEA-PHAGES program has been a major component of the success of SEA. SEA-PHAGES includes a two-part, year-long course that enables students to make discoveries by doing research on bacterial viruses, called phage. Participating classes isolate phage and decode the genomes, making significant contributions to the field of genomics.

The overarching goal of the SEA is to



Nancy Calleja, professor and chair of the Department of Counseling and Addiction Studies at UDM, in collaboration with Spectrum Child and Family Services, won a \$180,000 grant from the Ethel and James Flinn Foundation to implement an evidence-based treatment for youth in the justice system who have experienced trauma. The evidence-based treatment that is being implemented,



More than 250 members of the UDM community participated in research-focused events and activities during the second annual Research and Scholarly Achievement Days, sponsored by Delta Dental of Michigan. These events highlight the diverse scholarship of faculty, undergraduate and graduate students and spotlight the impact of UDM in industry, design, education, health care and other fields.

The cornerstone event, Celebration of Scholarly Achievement, showcased 10 books, 10 book chapters, 74 journal articles, 31 conference proceedings, 3 non-print projects/electronic presentations, 66 posters, and 4 student awards. One faculty member and one Ph.D. candidate also made oral presentations.

This year's activities also featured presentations by UDM faculty members who received internal

research grants during the 2014-15 academic year. Researchers discussed a diverse range of topics, including the impact of herbicides on the ability of crayfish to find food, teaching innovations in the gross anatomy lab, and empowering peer support specialists in the mental health workplace. Finally, a panel of faculty members who recently completed research leaves discussed the results of their projects. In all, 12 UDM faculty members, students and administrators presented their research results to colleagues.

Congratulations to all faculty members and students who have published, presented or received an award during the 2014-15 academic year. Your scholarly accomplishments heighten the distinction of University of Detroit Mercy.

For more details and event photos, please see the website: <http://research.udmercy.edu/find/>





Any research involving human subjects must be submitted to the IRB for review. In the last installment of IRB FAQs, we covered what constitutes research, and what constitutes human subjects, according to the Common Rule. However, some research activities may be exempt from review, though a researcher may not exempt his or her own project. The researcher must request an exemption from the IRB chair, in UDMs case, Dr. Elizabeth Hill. According to Federal regulations, six categories of research are exempt from an IRB review. 1) Research conducted in established and ongoing programs



If you have time and effort charged to a sponsored program, please help us stay in compliance with federal regulations by certifying your effort! We accept paper reports as well as electronic certification in TitanConnect self-service. Effort reports are due on January 31 (for fall term) , May 31 (for winter term) and September 30 (for summer term).

#### VIDEO ABOUT TITANCONNECT CERTIFICATION

To assist you in better understanding the process, the OSPRA has developed a short video for your viewing. Please view the following four-minute video for more specific instructions on certifying effort using TitanConnect: <http://www.youtube.com/watch?v=UdHrHvRp9q0>

#### VIDEO ABOUT UNDERSTANDING EFFORT REPORTING

For additional information about why effort certification is required, please see the following four minute video about Understanding Effort Certification: <http://www.youtube.com/watch?v=3zOaO0q2Ft8>

More information can be found on the OSPRA website at <http://www.udmercy.edu/academicaffairs/ospra/effortreporting/index.htm>



UDM faculty names are bolded and UDM student names are italicized.

Please note that the library keeps more comprehensive lists of faculty publications over time. Please see the website at <http://research.udmercy.edu/achievement/>



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## Faculty Scholarship Highlights

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