

2017 GRADUATE STUDENT SHOWCASE

April 5, 2017, Meyer Room, River Campus, University of Dayton

Poster Reception 3:00 – 4:30 pm

Awards Ceremony 4:30 – 5:30 pm

AWARD	AWARDEE	ADVISER	TITLE
TEACHING			
1. Outstanding Teaching Assistant Award, Biology	Julia Chapman	Ryan McEwan	Long-term tree community dynamics of an old-growth Appalachian Forest
2. Outstanding Teaching Assistant Award, Communication	Natasha Baker	Kelly Vibber	A practical look at CMM 360
3. Outstanding Dean's Fellow Award, School of Law	Elizabeth Herdmann	Shannon Penn	Leadership honors program
SCHOLARSHIP			
1. Outstanding Research Award, Health & Sport Science	Maria Mostaed	Anne Crecelius	2D and 3D kinematics during lateral step-down testing in subjects with anterior cruciate ligament reconstruction
2. Outstanding Research Award, Mechanical Engineering	Michael Ising*	Kelly Kissock	Sustainable manufacturing for mid-sized manufacturers
3. Outstanding Research Award, Materials Engineering	Diane Wenbi Lai	Chris Muratore	3D printing of 2D circuits using biomolecules
4. Outstanding Research Award, Civil Engineering	Hesham Razzaghi	Deogratias Eustace	Spatial analysis of alcohol-related injury and fatal traffic crashes in Ohio
5. Outstanding Research Award, Biology	Sarah Golconda	Mark Nielsen	Why is nature able to mold some phenotypes more readily than others?
6. Outstanding Research Award, Public Administration	Leah Ceperley	Michelle Pautz	Climate protection planning in three cities
7. Outstanding Research Award, Teacher Education	Abigail Smith	Lesley Evans	The impact of teaching about the brain on students' grit
8. Outstanding Research Award, Counselor Education & Human Services	Beverly Dines	Savio Franco	Social media and PC culture: Molding your brand in a hot topic society
9. Outstanding Research Award, Educational Administration	Melissa Brandewie	Mary Ziskin	The effects of report cards and parent communication
10. Outstanding Research Award, School Psychology	Caitlin Ferris	Elana Bernstein	School-based application of the brief coping cat program for children with autism spectrum disorder and co-occurring anxiety
11. Outstanding Research Award, Physical Therapy	C Colatruglio, M Cox, D Farwick, L Fullencamp, K O'Brien, J Seekins	Joaquin Barrios	Combined effects of weight gain and reduced walking speed on tibiofemoral contact forces: An experimental simulation of changes typical of osteoarthritis
12. Outstanding PhD Research Award, Mechanical Engineering	Tim Vincent	Markus Rumpfkeil	A simulation tool to facilitate quality metal 3D printing
13. Outstanding PhD Research Award, Aerospace Engineering	Tariq Abdulsalam Khamlaj	Markus Rumpfkeil	Analysis and optimization of shrouded horizontal axis wind turbines
14. Outstanding PhD Research Award, Biology	Ankita Sarkar	Amit Singh	Role of Wg signaling pathway in AB42 mediated neurodegeneration in Alzheimer's disease
15. Outstanding PhD Research Award, Electro-Optics	Mohammad Almanee	Joseph Haus	Polarization evolution of vector wave pulses in twisted fibers pumped by single and coupled solitons
16. Outstanding PhD Research Award, Educational Leadership	Daniel Trunk	Charles Russo	Disability stigma and intention to graduate in college students with psychiatric impairments
17. Outstanding Research Award, School of Law	Mary Bedard	Victoria VanZandt	Hunger games in the capital: Combating American's food waste and hunger epidemics
SERVICE/PRACTICE			
1. Outstanding Service Award, Student Development	Alexander Beattie	Savio Franco	The social media campus intervention
2. Outstanding Community Engagement Award, School of Law	Alyssa Norman	Maureen Anderson	Building Bridge Blazin' Hot 5K
3. Outstanding Community Engagement Award	Venkat Rajeev Reddy Malipeddi	Kellie Schneider	Improving access to fresh produce through sustainable urban agriculture: A data-driven approach to produce production planning

** Dan Kelley, a 2016 GSS Awardee and co-author on this presentation, will accept Michael Ising's award*