

SCHOOL OF SCIENCE & ENGINEERING

#	Title	Authors	Faculty Mentors
1	Magneto-Optic Kerr Effect	Ethan Gasta	Diyar Talbayev
2	Symbionts of baldcypress under flooding stress	Emma Darr, Miranda Hendrix, Emma Tower, Lorena Torres-Martinez, Sunshine Van Bael	Sunshine Van Bael
3	Expression of Cation-Chloride Transporters in Vasopressin and Oxytocin Neurons in the Rodent Brain	Amy Leach, Marco Fisher	Jeffrey Tasker
4	A Novel Approach for Screening Crude Oil Degrading Bacteria Consortia in Porous Media	Weiyao Wang, Mengyuan Zheng	Kyriakos Papadopoulos
5	Antibacterial Properties of Alkylphenols, a New Class of Antibiotics	Judy Chen, David Mullin	David Mullin
6	Relationship between father's and mother's adverse childhood experiences and its outcomes	Kyaw Zin Htet, Stacy Drury	Stacy Drury
7	Strong foundations? Is there a relationship between formidability and differential judgment across moral foundations categories?	Stephanie Clark	Damian Murray, Nicholas Kerry
8	Printing of Patterned Surfaces Using Functionalized Silicon Nanoparticles	Quentin D. E. Boose, Brian S. Mitchell	Brian S. Mitchell
9	Molecular Mechanisms of Adjuvant HIFU therapy for Prostate Cancer	Emma Bortz, Hakm Murad, Damir Khismatullin	Damir Khismatullin
10	Divergence in vocalizations between role-reversed shorebirds, Jacana spinosa and J. jacana	Toni Brown, Sara Lipshutz, Elizabeth Derryberry	Elizabeth Derryberry
11	Neurogenesis by ultrasound	Adrian Jones, Asis Lopez, Damir Khismatullin	Damir Khismatullin
12	The Prevalance of Autism in Children Who Show Regression: Is Maternal Age at Birth a Factor?	Lindsey Berman, Lina Janah	Lisa Settles
13	The Correlation Between Pitocin Induced Labor and Diagnosis of Autism Spectrum Disorder	Lina Janah, Lindsey Berman	Lisa Settles
14	Laser Assisted Control of the Metal-Insulator Transition in Hydrogenated Vanadium Dioxide Nanobeams	Matthew Gorban, Xue Liu, Chunlei Yue	Jiang Wei
15	"Tour De French Fries": Disparaging Humor and Stereotypic Language	Jaelyn Edwards, Sally Merritt, Janet Ruscher	Janet Ruscher
16	Contact Angle Analysis and Implications	Devante Shootes, Marzhana Omarova	Vijay John
17	Silicon Particles with Surface Functional Groups	Mason Babin, Brian S. Mitchell	Brian S. Mitchell

SCHOOL OF LIBERAL ARTS

#	Title	Authors	Faculty Mentors
18	Fighting against Crime: How Citizen Participation and Collective Action Deter Crime in New Orleans	Griffin Sandler	Wei Long
19	The Rise of Populist Leaders in Western Europe	Lipaz Avigal	Mark Vail
20	Employment Discrimination Against Indigenous Peoples and the Labor Market Impact of Indian Reservations: A Field Study	Adam Majewski	Patrick Button
21	Postcolonial Nicaragua: The Nobles are Finished	David Gaidamak	Justin Wolfe
22	Music Composition for Surround Sound	Oliver F. Sanderson, Aidan Tuttle	Richard Snow

SCHOOL OF MEDICINE

#	Title	Authors	Faculty Mentors
23	Interleukin (IL)-18 in the differentiation and maturation of mast cells and their in vivo accumulation	Nathan Sanders, Sathisha Upparahalli Ventateshaiah, Murli Manohar, Alok K Verma, Anil Mishra	Anil Mishra
24	Identification of TRPV1-expressing Liver-related PVN Neurons in the Brain Hypothalamus	Anusha Sivakumar, Sierra Butcher, Kayoko Miyada, Andrea Zsombok	Andrea Zsombok
25	Multiple Proton Transfers Accelerate ATP Hydrolysis	Micquel Downs, Minmin Lou	Sunyoung Kim

SCHOOL OF PUBLIC HEALTH & TROPICAL MEDICINE

#	Title	Authors	Faculty Mentors
26	Using Atomic Force Microscopy to Map Antigens on Malarial Parasites	Alec Walker, Geetha Bansal, Nirbhay Kumar, Julie Albert	Geetha Bansal, Nirbhay Kumar, Julie Albert
27	Readmission Due To Infection Following Total Hip And Total Knee Procedures	Nadine Zawadzki, Yao Wang, Hui Shao, Emelline Liu, Chao Song, Michele Schoonmaker, Lizheng Shi	Shi Lizheng
28	Identification and genotyping of natural populations of Trypanosoma cruzi parasites in triatomines captured in sylvatic and (peri)domestic environments	Anna Sanford, Eli Bierman, Ryan Moore, Henry Pronovost, Sarah Hill, Claudia Herrera	Claudia Herrera