2016 UWRF Summer Scholars Program

Jonathan Alexander; Research Mentor: Dr. Holly Dolliver, Plant and Earth Science
Using Soils Information to Reduce Nutrient Export

Michael Burns; Research Mentor: Dr. Brad Mogen, Biology
Honey Bee Genotype Project

Adry Cota; Research Mentor: Brett Kallusky, Art - Photography
Ornate Processes

Taylor Hall; Research Mentor: Dr. Paige Miller, Sociology, Criminology and Anthropology
Impression Management: Discussing Ethical Consumption Practices

Dagan Hathaway; Research Mentor: Dr. Lowell McCann, Physics
Testing Properties of Light and Bell’s Inequalities Using Spontaneous Parametric Down Conversion

Charles Hayes; Research Mentor: Dr. Kim Mogen, Biology
Optimizing Honey Bee Nucleus Hive Strategies for Beekeepers in the Upper Midwest

Henrik Jorgensen; Research Mentor: Eoin Breadon, Art - Glass
Don’t Judge a Book by its Cover: Portraiture through Blown Glass

Molly Kinney; Research Mentor: Andris Straumanis, Communication and Media Studies
Fourth Wave Feminism and Climate Justice in the Twin Cities

Jackson Kock; Research Mentor: Dr. Lowell McCann, Physics
Improving the Stability of the UWRF Optical Trap to Determine the Reason for Random Movements of Trapped Aerosol Droplets

Elena Krogman; Research Mentor: Dr. Cheng-chen Huang, Biology
Heart Failure Attenuation by Compounds from Trapa natan

Hailey Kuester; Research Mentor: Dr. Sylvia Kehoe, Animal and Food Science
The Effects of Supplemental Oxygen on the Passive Transfer of Immunoglobulins in Holstein Dairy Calves

Mikayla Mack; Research Mentor: Dr. Sonja Maki, Plant and Earth Science
The Plant Biology of a Greenwall

Jacquelyn Maher; Research Mentor: Dr. John Wheeler, Biology
Baseline inventory of native pollinating insects at new biomonitoring locations in Washburn County and Pierce County, Wisconsin
Kara Mallizzio; Research Mentor: Dr. Kim Mogen, Biology
*Establishing the First Honey Bee “Sentinel Apiary” in the State of Wisconsin*

Miranda Martin; Research Mentor: Dr. Brad Mogen, Biology
*Rearing Northern Honey Bee Queens from Selected Overwintered Genetic Stock*

Matthew McNeel; Research Mentor: Dr. Holly Dolliver, Plant and Earth Science
*Background Levels of Metals in Soil and Subsurface Water in Frac Sand Mines*

Alison Miotke; Research Mentor: Dr. Travis Tubre, Psychology
*Being Green at the Great Minnesota Get Together*

David Murphy; Research Mentor: Dr. John Walker, Economics
*Comparative Analysis and critique of Neoclassical, Chicago, Keynesian, and Austrian theories of Money Demand.*

Joshua Pelot; Research Mentor: Dr. Kim Mogen, Biology
*Are There Differences in the Immune Cell Profiles Between Honeybees of Different Subspecies?*

Talen Rabe; Research Mentor: Dr. James Madsen, Physics and Dr. Brad Mogen, Biology
*Using RFID Chips to Track Behavior of Individual Honey Bees*

Shane Russell; Research Mentor: Dr. Tammy Kincaid, Social Work
*Is the Omaha System of measuring client level change a feasible option for Child Protective Service Agency use in Western Wisconsin Counties?*

Rebecca Smith; Research Mentor: Erik Johnson, Stage and Screen Arts
*Chamber of Commerce Promotional Video Project*

McKenzie Sobkowiak; Research Mentor: Dr. Casie Bass, Animal and Food Science
*Determining Fertility in the Mare Using Reproductive History, Age, Vulvar Conformation, Rectal Palpation, Ultrasonography, and the Results of Uterine Culture and Endometrial Biopsy*

Alexandra Spaulding; Research Mentor: Dr. Jill Coleman Wasik, Plant and Earth Science
*Evaluation of natural background concentration and basin-wide non-point source pollution of phosphorus in the Kinnickinnic subwatershed*

Bee Thao; Research Mentor: Dr. Cheng-chen Huang, Biology
*Molecular and Cellular Characterizations of the Cardiac Degeneration Caused by Arubtin*

Hanna Thueson; Research Mentor: Dr. Timothy Lyden, Biology
*Modeling Artificial Breast Cancer and Normal Ductal Tissues in 3D Constructs Using Cell-Mate Matrix Material.*

Kate Vruwink; Research Mentor: Andris Straumanis, Communication and Media Studies
*Without a Roof: A Journalistic Study of Homelessness Across Wisconsin*

Xiaoqi Wang; Research Mentor: Dr. Douglas Margolis, English
*Typical English In-class Writing Errors of UWRF International Students*