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. Brad 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 McNeil; 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. Brad 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*