

**ANNUAL REPORT**  
**Grants and Research Funding Committee (GRFC)**  
**2018-2019**

**FY19 Budget**

The GRFC had a budget of \$ 116,735.83. There was a carryover from FY18 of \$67,777. The amount available to award in FY19 was \$53,911.83.

**Fall 2018**

We recommended seven (7) research / creative work proposals totaling \$23,595 and seven (7) dissemination / publication grants totaling \$3199 for funding to the Provost's Office. All recommended proposals were funded.

Breakdown by college:

Science, Technology, Engineering and Mathematics: 3 research / creative work grants and 3 dissemination / publication grants

Education, Health and Human Studies: 1 research / creative work grant and 3 dissemination / publication grants

Humanities and Social Sciences: 1 research / creative work grant and 1 dissemination / publication grant

Holland College of Arts & Media: 2 research / creative work grants

**Spring 2019**

We have recommended two (2) dissemination / publication grants for funding totaling \$920 to the Provost's Office. Additionally, we have recommended funding four (4) research / creative work proposals totaling \$13,270 to the Provost's Office. We have \$12,927 remaining in our budget and will be awarded during the "3<sup>rd</sup> Call" and/or carried over to the next fiscal year. A "3<sup>rd</sup> Call" has been advertised to the university and proposals are due on Monday, April 29 at 5 pm.

Breakdown by college:

Science, Technology, Engineering and Mathematics: 2 research / creative work grants and 2 dissemination/publication grants

Education, Health and Human Studies: 1 research / creative work grant

Holland College of Arts & Media: 1 research / creative work grant

Plans implemented in 2018-2019:

1. Implementation of the updated GRFC Guidelines.
2. Monitored balances in fall 2018 and spring 2019 for overspent accounts. Notices were sent to the PI and/or department chair.

Sincerely,  
Christina Ragain  
GRFC Chair

<b>Grant Recipients Department</b>	<b>Title</b>	<b>College</b>	<b>Award Type Semester</b>
Santaneel Ghosh  Engineering and Technology	<b>“Hybrid Photo-Magnetic Modulation of Magnetite/Gold Nanoparticle Deposited Dextran Covered Carbon Nanotubes for Hyperthermia Applications”</b>	Science, Technology, Engineering and Mathematics	Publication / Dissemination  Fall 2018
Jason Wagganer  Health, Human Performance, and Recreation	<b>“Impact of a professional nutrition program on a female cross-country collegiate athlete: A case report”</b>	Education, Health and Human Studies	Publication / Dissemination  Fall 2018
Jason Wagganer  Health, Human Performance, and Recreation	<b>“Validation of a One-Minute Abdominal Crunch Test with the Canadian Curl-Up Test”</b>	Education, Health and Human Studies	Publication / Dissemination  Fall 2018
Jason Wagganer  Health, Human Performance, and Recreation	<b>“The Effects of Body weight on Sleep Quantity and Quality in College Students”</b>	Education, Health and Human Studies	Publication / Dissemination  Fall 2018
Victoria McAlister  History & Anthropology	<b><i>The Irish Tower House: society, economy and environment c. 1300-1650</i></b>	Humanities and Social Sciences	Publication / Dissemination  Fall 2018
Timothy Judd  Biology	<b>“Seasonal changes in nestmate discrimination in the paper wasp, <i>Polistes metricus</i> Say (Hymenoptera: Vespidae)”</b>	Science, Technology, Engineering and Mathematics	Publication / Dissemination  Fall 2018
Jennifer Weber  Biology	<b>“The influence of environmental factors on breeding system allocation at large spatial scales”</b>	Science, Technology, Engineering and Mathematics	Publication / Dissemination  Fall 2018
Bart Williams  Conservatory of Theatre and Dance	<b>“Orthello in London: Investigating Shakespearean Performance Techniquet Past and Present in the UK in order to Make Shakespeare Connect to an American Midwest Audience Today”</b>	Holland College of Arts & Media	Research / Creative Works  Fall 2018
Christopher Schroeder  History and Anthropology	<b>“Encounters in LGBT Social Spaces: Religious and Sexual Identity among Detroiters of Middle Eastern Descent”</b>	Humanities and Social Sciences	Research / Creative Works  Fall 2018
Dustin Siegel  Biology	<b>“Volumetric comparison of eye glands in salamanders in a phylogentic context”</b>	Science, Technology, Engineering and Mathematics	Research / Creative Works  Fall 2018

<b>Grant Recipients Department</b>	<b>Title</b>	<b>College</b>	<b>Award Type Semester</b>
Jacqueline Wilson Music	<b>“Creating the First Album of Woks for Bassoon by Native American Composers”</b>	Holland College of Arts & Media	Research / Creative Works Fall 2018
Jeremy Ellermeier Biology	<b>“Effects of cell wall targeting antibiotics on Tat mutants in <i>Salmonella enterica</i> serovar Typhimurium”</b>	Science, Technology, Engineering and Mathematics	Research / Creative Works Fall 2018
Rebeccah Kurzhals Biology	<b>“Investigation of the role of genetic background on cell survival after breaking a chromosome”</b>	Science, Technology, Engineering and Mathematics	Research / Creative Works Fall 2018
Susan Fulton Communication Disorders	<b>“Effects of Animal Assisted Therapy (AAT) in the Speech-Language Clinic”</b>	Education, Health and Human Studies	Research / Creative Works Fall 2018
Christina Ragain Chemistry and Physics	<b>“Reduction Potential Predictions for Some 3-Aryl-Quinoxaline-2-Carbonitrile 1, 4-Di-N-Oxide Derivatives with Known Anti-Tumor Properties”</b>	Science, Technology, Engineering and Mathematics	Publication / Dissemination Spring 2019
Santaneel Ghosh Engineering and Technology	<b>“Photo-Magnetic Irradiation-Mediated Multimodal Therapy of Neuroblastoma Cells Using a Cluster of Multifunctional Nanostructures”</b>	Science, Technology, Engineering and Mathematics	Publication / Dissemination Spring 2019
Benjie Heu Art and Design	<b>“Ceramics Research and Creative Works at Watershed Center for the Ceramic Arts and Northern Clay Center”</b>	Holland College of Arts & Media	Research / Creative Works Spring 2019
Dustin Siegel Biology	<b>“Segmentation of head glands in salamanders”</b>	Science, Technology, Engineering and Mathematics	Research / Creative Works Spring 2019
Rebeccah Kurzhals Biology	<b>“Examination of Spitz protein expression in different fruit fly lines”</b>	Science, Technology, Engineering and Mathematics	Research / Creative Works Spring 2019
Sarah Lillo Leadership, Middle, and Secondary Education,	<b>“Exploring Pre-Service Teacher’s Use of Collaborative Practices in a Freshman Learning Community”</b>	Education, Health and Human Studies	Research / Creative Works Spring 2019