

**Annual Report  
Grants and Research Funding Committee (GRFC)  
2020-2021**

**FY2021 Budget**

The GRFC had \$54,000 available for 2020-2021.

**Fall 2020**

The maximum amount available to be awarded in Fall 2020 was \$24,300 (1/2 of total available with 10% reserved for dissemination proposals).

The maximum amount available for dissemination proposals was \$5,400.

We received \$36,564 in requests and recommended eight (8) research /creative work proposals totaling \$24,188 for funding to the Provost's Office.

Breakdown by college:

Education, Health and Human Studies: 0 research / creative work grants

Harrison College of Business and Computing: 1 research / creative work grant

Humanities and Social Sciences: 2 dissemination / publication grants

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

Science, Technology, Engineering and Mathematics: 4 research / creative work grants

**Spring 2021**

The maximum amount available to be awarded in Spring 2021 was \$24,300 (1/2 of total available with 10% reserved for dissemination proposals).

The maximum amount available for dissemination proposals was \$5,400.

We received \$21,570 in requests and recommended six (6) research /creative work proposals totaling \$20,962 and one (1) dissemination / publication grant totaling \$300 for funding to the Provost's Office.

Breakdown by college:

Education, Health and Human Studies: 1 dissemination / publication grant

Harrison College of Business and Computing: 2 research / creative work grants

Humanities and Social Sciences: 1 research / creative work grant

Holland College of Arts & Media: 0 research / creative work grants

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

**Third Call Spring 2021**

The maximum amount available to be awarded in the Third Call Spring 2021 was \$8,550. This figure represents unused funds from fall 2020 (\$112), spring 2021 (\$3,338), and those held in reserve for dissemination (\$5,100). We received \$3,821 in requests and recommended two (2) research /creative work proposals totaling \$3,821 for funding to the Provost's Office. We have \$4,729 unused funds remaining in our budget to be carried over to the next fiscal year 2021-2022.

Breakdown by college:

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

Harrison College of Business and Computing: 0 research / creative work grants

Humanities and Social Sciences: 0 research / creative work grants

Holland College of Arts & Media: 0 research / creative work grants

Science, Technology, Engineering and Mathematics: 1 research / creative work grant

Sincerely,  
Joel P. Rhodes  
GRFC Chair

<b>Grant Recipients Department</b>	<b>Title</b>	<b>College</b>	<b>Award Type Semester</b>	<b>Amount Rewarded</b>
Fidel Atuo Biology	<i>Effects of Fire Severity and Frequency on Northern Ground-hornbill (<i>Bucorvus abyssinicus</i>) in a Sudan Savannah Landscape</i>	Science, Technology, Engineering, and Mathematics	Research Fall 2020	\$3,795
Jennifer Bengtson History and Anthropology	<i>Developing an Evidence-Based Approach to Prioritization of Unidentified Human Skeletal</i>	Humanities and Social Sciences	Research Fall 2020	\$3,797

	<i>Remains Cases for Forensic Genomic Sequencing and Forensic Genealogy</i>			
Steven Austin Stovall, Ed Crowley, Nick Johnston, and Julie Weathers Management	<i>Hogs, Honey, and Hot Peppers: Farm Food Economies and the Entrepreneurship Capabilities Gap</i>	Harrison College of Business and Computing	Research Fall 2020	\$3,206
Kelley A. Fritz Biology	<i>Evaluating the Impacts of Beaver Recolonization on Aquatic Insect Emergence</i>	Science, Technology, Engineering, and Mathematics	Research Fall 2020	\$3,723
Rubén Gerding Theater and Dance	<i>Haydn Dance for Two: An Investigation Into New Possibilities in Dance Partnering in the Naturalistic Style of Jerome Robbins</i>	Arts and Media	Creative Fall 2020	\$1,335
Susan Murray and Samantha Siemers Agriculture	<i>Promoting Local Beef and Beef Nutrition in the 'New' Normal</i>	Science, Technology, Engineering, and Mathematics	Research Fall 2020	\$3,087
Christopher Rieger English	<i>Faulkner Archival Research</i>	Humanities and Social Sciences	Research Fall 2020	\$1,932
Lucas J. Kirschman and Dustin S. Siegel Biology	<i>The Effect of Climate on Reproductive Strategies</i>	Science, Technology, Engineering, and Mathematics	Research Fall 2020	\$3,313

Vera Campbell-Jones Nursing	<i>Local Anesthesia Before Intravenous Cannula Insertion: Recommendations for Registered Nurses in Practice</i>	Education, Health and Human Studies	Dissemination Spring 2021	\$300
Fidel Atuo Biology	<i>Demographic Assessment of Wildlife Habitat Quality Using Mississippi Kite (Ictinia mississippiensis) at Packsaddle Wildlife Management Area</i>	Science, Technology, Engineering, and Mathematics	Research Spring 2021	\$4,080
Asit Bandyopadhyay Management	<i>Feasibility Study and Software Requirement Specification (SRS) Development for a Blockchain Based Contact Tracing Mobile App</i>	Harrison College of Business and Computing	Research Spring 2021	\$3,600
Santaneel Ghosh Engineering and Technology	<i>Photo-Magnetic Hybrid Field Generator: Prototype Design</i>	Science, Technology, Engineering, and Mathematics	Research Spring 2021	\$4,182
Reshmi Mitra Computer Science	<i>Machine Learning-backed Chatbot for Student Advising</i>	Harrison College of Business and Computing	Research Spring 2021	\$3,600
Ivy Shen Political Science, Philosophy, and Religion	<i>The Nonprofit Sector in Missouri Book Project</i>	Humanities and Social Sciences	Research Spring 2021	\$1,500
Robert P. Ruggiero	<i>Characterizing Invasive Sequence Dynamics in</i>	Science, Technology, Engineering,	Research Spring 2021	\$4,000

Biology	<i>Salamanders by Partial Genome Sequencing</i>	and Mathematics		
Kelley A. Fritz Biology	<i>Importance of Terrestrial Insect Subsidies to Temporary Pond Food Webs</i>	Science, Technology, Engineering, and Mathematics	Research Third Call Spring 2021	\$2,321
Sarah Lillo Leadership, Middle and Secondary Education	<i>Book Project: Critical Dialogues Across Boundaries: Fostering Active Global Citizens</i>	Education, Health and Human Studies	Research Third Call Spring 2021	\$1,500