

ANNUAL REPORT
Grants and Research Funding Committee (GRFC)
2021-2022

In the fiscal year of 2022, the GRFC had a budget of \$ 54,00.00. We recommended, and the Provost allocated 33,195.00 in three calls: in the fall call of 2021 - \$20,618.00; in the spring call of 2022 - \$7,469.00; and in the summer call of 2022 – 5,108.00. Please see Table 1 below.

The overall allocation of grant funds by colleges is as follows:

Science and Technology and Engineering and Mathematics: 6 grants and two dissemination reimbursement/publication page charges

Education, Health, and Human Services: 2 grants.

Business and Computing: 2 grants and one dissemination reimbursement/publication page charge.

Ismatilla Matt Mardanov

GRFC Chair

Table 1: Grant and Dissemination Reimbursement/Publication Page Charge Information
(Fall 2021-Summer 2022)

Grant Recipients Department	Title	College	Award Type/Semester/Amount
Acit Bandyopadhyay Department of Management	Risk evaluation using anonymized blockchain-based infection tracking for disease control	College of Business and Computing	Grant/Fall 2021 \$3600
Reshmi Mitra Department of Computer Science			
Leslie Krome	Linking in with recruiters: How does profile information impact ratings of potential applicants	College of Education, Health, and Human Services	Grant/Fall 2021 \$1733
Zhouzhou Li Department of Computer Science	Retrieve forensically sound evidence from ubiquitous but diverse internet of thing (IoT) devices	College of Business and Computing	Grant/Fall 2021 \$4057
Sajan Silwal Department of Chemistry and Physicas	Titanium promoted cross-electrophile coupling of alkynes with sulfinylamine to synthesize sulfilimine, a precursor to sulfoximines: Novel lead structures in anti-cancer treatment	College of Science, and Technology, Engineering and Mathematics	Grant/Fall 2021 \$3980
Sandipan Sen, Department of Marketing	An experimental study on impact of micro-influences on social media engagement	College of Business and Computing	Grant/Fall 2021 \$3250
Fidel Atuo Department of Biology	Improving habitat quality for upland game birds in a tropical savanna landscape	College of Science, and Technology, Engineering and Mathematics	Grant/Fall 2021 \$3840
Ismatilla Mardanov Department of Management	The impact of industrial infrastructure on foreign direct investment in China and the rest of Asia	College of Business and Computing	Dissemination reimbursement/page charge/Spring 2022 \$158
Sarah Shaner Department of	Remediation of organic dyes from water using okra as an absorbent	College of Science, and Technology,	Grant/Spring 2022 \$2300

Chemistry and Physics		Engineering and Mathematics	
Fidel Atuo Department of Biology	Evaluating human influence on Mississippi Kite occupancy, fitness, and population growth in a mixed-shrub landscape	College of Science, and Technology, Engineering and Mathematics	Grant/Spring 2022 \$4294
Md. Rasheduzzaman Department of Engineering and Technology	Combined Propulsion and Levitation Control for Maglev/Hyperloop Systems utilizing Asymmetric Double-Sided Linear Induction Motors	College of Science, and Technology, Engineering and Mathematics	Dissemination reimbursement/page charge/Spring 2022 \$875
Brooke Clubbs Department of Leadership	Regional k-12 Administrator and Teacher Burnout	College of Education, Health, and Human Services	Grant/Summer 2022 \$1193
R.D. Nordgren Department of Leadership			
Lucas Kirschman Department of Biology	The Effects of Protein supplementation of Larval Development and Immunity	College of Science, and Technology, Engineering and Mathematics	Grant/Summer 2022 \$3515
Timothy Judd Department of Biology	Effect of Lipid Levels and Size in Invasive Carp Overwinter Survival	College of Science, and Technology, Engineering and Mathematics	Dissemination reimbursement/page charge/Summer 2022 \$400