

FACULTY DEVELOPMENT COUNCIL GRANT PROGRAM

10/1/2020 TO 9/30/2021

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Arts and Sciences							
Chemistry							
	Forbes, David		Assembly of Photochromic Materials	A21-0067-001	Internal	1/1/2021 6/30/2022	\$5,000
TOTAL FOR DEPARTMENT: Chemistry							\$5,000
Political Sci / Criminal Justi							
	Peterson, Holly		Building Resilient Narratives for Vulnerable Populations	A21-0068-001	Internal	1/1/2021 12/31/2021	\$5,000
TOTAL FOR DEPARTMENT: Political Sci / Criminal Justi							\$5,000
TOTAL FOR UNIT: College of Arts and Sciences							\$10,000

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DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Engineering							
Civil Eng							
	Wu,	Shenghua	Evaluation of Inundation-related Pavement Material Deterioration	A21-0070-001	Internal	1/1/2021 12/31/2021	\$5,000
TOTAL FOR DEPARTMENT: Civil Eng							\$5,000
Electrical Eng							
	Wang,	Jinhui	Mitigating Nonlinearities in Memristor-based AI Systems for High Performance Computing	A21-0063-001	Internal	1/1/2021 12/31/2021	\$5,000
TOTAL FOR DEPARTMENT: Electrical Eng							\$5,000
Mechanical Eng							
	Yadollahi,	Aref	DEVELOPMENT OF A FATIGUE-LIFE PREDICTIVE MODEL FOR ADDITIVELY MANUFACTURED MATERIALS USING	A21-0071-001	Internal	1/1/2021 12/31/2021	\$4,975
TOTAL FOR DEPARTMENT: Mechanical Eng							\$4,975
TOTAL FOR UNIT: College of Engineering							\$14,975

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UNIT: College of Medicine

Center for Lung Biology

Richter,	Wito		PDE4C - the missing piece to understanding PDE4 enzyme functions	A21-0069-001	Internal	1/1/2021 12/31/2021	\$5,000
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TOTAL FOR DEPARTMENT: Center for Lung Biology \$5,000

TOTAL FOR UNIT: College of Medicine \$5,000

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DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: School of Computing							
School of Computing - Dean's Office							
	Duraisamy, Prakash		360-Degree Classroom Engagement Using Computer Vision and Deep Learning Techniques	A21-0066-001	Internal	1/1/2021 12/31/2021	\$5,000
TOTAL FOR DEPARTMENT: School of Computing - Dean's Office							\$5,000
TOTAL FOR UNIT: School of Computing							\$5,000
GRAND TOTAL:							\$34,975

RESEARCH AND SCHOLARLY DEVELOPMENT GRANT PROGRAM

10/1/2020 TO 9/30/2021

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
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UNIT: College of Arts and Sciences

Psychology

Zickgraf,	Hannah		New food pantry programming for increased consumer well-being: An examination of food insecurity,	A21-0129-001	Internal	5/15/2021 5/14/2022	\$24,800
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TOTAL FOR DEPARTMENT: Psychology \$24,800

TOTAL FOR UNIT: College of Arts and Sciences \$24,800

RESEARCH AND SCHOLARLY DEVELOPMENT GRANT PROGRAM

10/1/2020 TO 9/30/2021

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Education and Professional Studies							
Health, Kinesiology and Sport							
	Keller, Joshua		Efficacy of a novel resistance exercise strategy versus the current guidelines at preventing cognitive decline via	A21-0130-001	Internal	5/15/2021 5/14/2022	\$25,000
	Schw arz, Neil		Effect of fitness level and body composition on secreted microRNA levels in breast milk of lactating mothers	A21-0132-001	Internal	5/15/2021 5/14/2022	\$25,000
TOTAL FOR DEPARTMENT: Health, Kinesiology and Sport							\$50,000
TOTAL FOR UNIT: College of Education and Professional Studies							\$50,000

RESEARCH AND SCHOLARLY DEVELOPMENT GRANT PROGRAM

10/1/2020 TO 9/30/2021

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Engineering							
Chemical Eng							
	Glover,	Thomas	Development of a Biocidal Textile Treatment	A21-0128-001	Internal	5/15/2021 5/14/2022	\$25,000
TOTAL FOR DEPARTMENT: Chemical Eng							\$25,000
Mechanical Eng							
	Nelson,	David	Development of a Novel Device and Method for Peripheral Artery Disease Screening: Modeling and Feasibility	A21-0131-001	Internal	5/15/2021 5/14/2022	\$24,619
TOTAL FOR DEPARTMENT: Mechanical Eng							\$24,619
TOTAL FOR UNIT: College of Engineering							\$49,619
GRAND TOTAL:							\$124,419

SEED GRANT IN SUPPORT OF THE ARTS AND HUMANITIES
10/1/2020 TO 9/30/2021

DEPT	PI	AGENCY	PROJECT TITLE	AWARD NUMBER	SUBMISSION TYPE	BUDGET PERIOD	BUDGET AWARDS
UNIT: College of Arts and Sciences							
Communication							
Ahearn,	Lorraine		Safe Harbor:Vietnamese Fishermen of Bayou La Batre	A21-0049-001	Internal	1/1/2021 12/31/2021	\$1,500
TOTAL FOR DEPARTMENT: Communication							\$1,500
English							
St. Clair,	Justin		Soundtracked Books from the Acoustic Era to the Digital Age: A Century of	A21-0133-001	Internal	6/1/2021 5/31/2022	\$1,500
TOTAL FOR DEPARTMENT: English							\$1,500
History							
Urban,	Kelly		Pathology and Place: The Transformation of Tropical Medicine in the Caribbean, 1930-2020	A21-0050-001	Internal	1/1/2021 12/31/2022	\$1,500
TOTAL FOR DEPARTMENT: History							\$1,500
Modern & Classical Languages and Literature							
Whitener,	Brian		Leftward Ho	A21-0116-001	Internal	4/1/2021 3/31/2022	\$1,500
TOTAL FOR DEPARTMENT: Modern & Classical Languages and Literature							\$1,500
TOTAL FOR UNIT: College of Arts and Sciences							\$6,000

SEED GRANT IN SUPPORT OF THE ARTS AND HUMANITIES

10/1/2020 TO 9/30/2021

GRAND TOTAL:

\$6,000