

RECENT AWARDS:

April 2021:

PI: Magdy Amin Abdelrahman

Department: Civil, Architectural and Environmental Engineering

Proposal Title: Evaluation of Alternatives to Calcined Bauxites for Use in HFST

Sponsor: Missouri Department of Transportation

Award: \$16,990

PI: Magdy Amin Abdelrahman

Department: Civil, Architectural and Environmental Engineering

Proposal Title: STTR: Support of CarbonCycle DOD STR Phase 1 Proposal

Sponsor: Air Force Research Laboratory

Award: \$16,664

PI: Muthanna Hikmat Al-Dahhan

Department: Chemical and Biochemical Engineering

Proposal Title: DHA Fluid Dynamics Investigation

Sponsor: DSM Nutritional Products

Award: \$80,000

PI: Genda Chen

Department: Civil, Architectural and Environmental Engineering

Proposal Title: Mid-America Transportation Center - Missouri S&T Partner

Sponsor: University of Nebraska -Lincoln

Award: \$929,000

PI: Sajal K. Das

Department: Computer Science

Proposal Title: Electronic Structure Methods and Protocols with Application to Dynamics, Kinetics and Thermochemistry

Sponsor: NSF Division of Computer & Network Systems

Award: \$16,000

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Department: Computer Science

Proposal Title: Electronic Structure Methods and Protocols with Application to Dynamics, Kinetics and Thermochemistry

Sponsor: NSF Division of Computer & Network Systems

Award: \$16,000

PI: Richard Dawes

Department: Chemistry

Proposal Title: Electronic Structure Methods and Protocols with Application to Dynamics, Kinetics and Thermochemistry

Sponsor: Department of Energy
Award: \$198,302

PI: Richard Dawes
Department: Chemistry
Proposal Title: Theoretical Prediction of Nitrogen Dioxide Potential Energy Surfaces and Absorption Spectra
Sponsor: Sandia National Laboratories
Award: \$49,144

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: PARIC, Corp Membership
Sponsor: Paric Corporation
Award: \$25,000

PI: Serhat Hosder
Department: Mechanical and Aerospace Engineering
Proposal Title: Multi-Fidelity Modeling and simulation for the Analysis of Deployable Re-Entry Technologies Under Uncertainty
Sponsor: NASA Goddard Space Flight Center
Award: \$14,762

PI: Chulsoon Hwang
Department: Electrical and Computer Engineering
Proposal Title: CEMC Associate Membership Agreement for Kemet
Sponsor: Kemet Electronics Corp
Award: \$35,000

PI: Chulsoon Hwang
Department: Electrical and Computer Engineering
Proposal Title: CEMC Associate Membership Agreement for IBM
Sponsor: IBM Personal Systems Group
Award: \$70,000

PI: Kamal Khayat
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MoDOT/Performance of Cost-Effective Non-Proprietary UHPC in Thin Bonded Bridge Overlays
Sponsor: Missouri Department of Transportation
Award: \$149,997

PI: Ashok Midha
Department: Mechanical and Aerospace Engineering
Proposal Title: Senior Design: Design of a Protective Solution Applicator for Hand (Protected Touch)
Sponsor: International Proof System
Award: \$2,750

PI: Michael Scott Moats
Department: Materials Science and Engineering
Proposal Title: Senior Design: Design of a Protective Solution Applicator for Hand (Protected Touch)
Sponsor: Moly-Cop USA, LLC
Award: \$31,709

PI: Manashi Nath
Department: Chemistry
Proposal Title: CAS: Designing Efficient Electrocatalysts for Selective Reduction of CO² to Carbon-Rich Products
Sponsor: NSF Division of Chemistry
Award: \$548,698

PI: Jonathan Obrist Farner
Department: Geosciences and Geological and Petroleum Engineering
Proposal Title: CAREER: Paleoseismicity along the North American-Caribbean Plate Boundary: Research, Education and Outreach
Sponsor: NSF Division of Earth Sciences
Award: \$243,363

PI: David J. Rogers
Department: Geosciences and Geological and Petroleum Engineering
Proposal Title: Estimating the Volume of Vegetative Material in Montecito, CA watersheds
Sponsor: Project for Resilient Communities
Award: \$34,650

PI: Joshua Paul Schlegel
Department: Mining and Nuclear Engineering
Proposal Title: Using Computational and Analytical Methods to Optimize High Heat Flux Component Thermal Performance in Magnetic Confinement Fusion Reactors
Sponsor: Department of Energy
Award: \$55,387

PI: Taghi Sherizadeh
Department: Mining and Nuclear Engineering
Proposal Title: Solutions for Evaluating, Monitoring, and Improving Dam Foundations (Pensacola Dam)
Sponsor: Oklahoma State University
Award: \$67,403

PI: Ryan Smith
Department: Geosciences and Geological and Petroleum Engineering
Proposal Title: Estimating Groundwater Withdrawals using Satellite Data in the Mississippi Aluvial Plain
Sponsor: Department of Interior
Award: \$150,000

PI: Ryan Smith

Department: Geosciences and Geological and Petroleum Engineering

Proposal Title: Monitoring Groundwater Extraction Using Automated Assessment of Land Subsidence

Sponsor: National Geospatial Intelligence Agency

Award: \$98,608

PI: Daniel S. Stutts

Department: Mechanical and Aerospace Engineering

Proposal Title: Contaminant Ultrasonic Removal Via Vibration Ejection from Solar Cells

Sponsor: National Institute of Aerospace

Award: \$82,879

May 2021:

PI: Kwame Awuah-Offei

Department: Mining and Nuclear Engineering

Proposal Title: Effect of SEC's New Regulation S-K rules on Mining Technical Feasibility Studies

Sponsor: Maptek

Award: \$10,000

PI: Daryl G. Beetner

Department: Electrical and Computer Engineering

Proposal Title: CEMC Membership Agreement for Nexperia

Sponsor: Nexperia B.V.

Award: \$70,000

PI: Marco Cavaglia

Department: Physics

Proposal Title: WoU-MMA: Enabling Multi-Messenger Astrophysics with Advanced LIGO: from Detector Calibration to Interpretation of Gravitational-Wave Signals

Sponsor: NSF Division of Physics

Award: \$137,966

PI: Sajal K. Das

Department: Computer Science

Proposal Title: Collaborative Research: Framework Implementation: CSSI: CANDY: Cyberinfrastructure for Accelerating Innovation in Network Dynamics

Sponsor: NSF Directorate for Computer & Information Science and Engineering

Award: \$841,385

PI: Islam Hassan Hassanein El-adaway

Department: Civil, Architectural and Environmental Engineering

Proposal Title: MO-CCI: Alberici Constructors, Inc.

Sponsor: Alberici Constructors, Inc

Award: \$25,000

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: Arco Construction Company Membership
Sponsor: Arco Construction
Award: \$25,000

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: BJC Healthcare Membership
Sponsor: BJC Healthcare
Award: \$25,000

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: Brinkmann Constructors Membership
Sponsor: Brinkmann Constructors
Award: \$25,000

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: Clayco Corporation Membership
Sponsor: Clayco Corporation
Award: \$25,000

PI: Islam Hassan Hassanein El-adaway
Department: Civil, Architectural and Environmental Engineering
Proposal Title: MO-CCI: McCarthy Building Membership
Sponsor: McCarthy Building Company
Award: \$25,000

PI: Katherine Rose Grote
Department: Geosciences and Geological and Petroleum Engineering
Proposal Title: Geophysical Data Acquisition in Southwest MO and Evaluation of Investigation
Sponsor: Gredell Engineering Resources, Inc.
Award: \$12,906

PI: Donghyun Kim
Department: Electrical and Computer Engineering
Proposal Title: CEMC Membership Agreement for Cisco EMC-4
Sponsor: Cisco Systems, Inc.
Award: \$3,000

PI: Jonathan William Kimball
Department: Electrical and Computer Engineering
Proposal Title: AC-AC DAB Exploratory SST Development
Sponsor: Sandia National Laboratory
Award: \$67,473

PI: Marek Locmelis

Department: Geosciences and Geological and Petroleum Engineering

Proposal Title: CAREER: Investigating the Source, Transport and Deposition of Economically Important Metals in the Lower Continental Crust

Sponsor: NSF Division of Earth Science

Award: \$254,015

PI: Ashok Midha

Department: Mechanical and Aerospace Engineering

Proposal Title: Sandia Senior Design Bonanza: Design of a Payload Protection Device (PPD) for an Egg Tossor Rocket

Sponsor: Sandia National Laboratory

Award: \$14,000

PI: Monday Uchenna Okoronkwo

Department: Chemical and Biochemical Engineering

Proposal Title: Sustainable and Durable Calcium Sulfoaluminate Binders Enabled by Multi-Physics Characterization and Theory-Guided Machine Learning--REU Supplement

Sponsor: NSF Division of Civil, Mechanical & Manufacturing Innovation

Award: \$16,000

PI: Ronald J. O'Malley

Department: Materials Science and Engineering

Proposal Title: PSMRC - American Cast Iron Pipe Company Membership

Sponsor: American Cast Iron Pipe Company

Award: \$33,000

PI: Ronald J. O'Malley

Department: Materials Science and Engineering

Proposal Title: PSMRC - Stollberg Membership

Sponsor: Imerys

Award: \$33,000

PI: Ronald J. O'Malley

Department: Materials Science and Engineering

Proposal Title: PSMRC - Spraying Systems Membership

Sponsor: Spraying Systems

Award: \$33,000

PI: Ronald J. O'Malley

Department: Materials Science and Engineering

Proposal Title: PSMRC - Timken Membership

Sponsor: Timken Company

Award: \$33,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - Timken Membership
Sponsor: AK Steel Corporation
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - AK Steel Membership
Sponsor: Timken Company
Award: \$33,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - CBMM Membership
Sponsor: CBMM Technology Suisse SA
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - SSAB Enterprise Membership
Sponsor: SSAB IA Inc.
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - Gerdau Membership
Sponsor: Gerdau Ameristeel US
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - MetalTek Membership
Sponsor: MetalTek International, Inc.
Award: \$33,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - Nucor Membership
Sponsor: NUCOR Corporation
Award: \$152,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - Magnesita Membership
Sponsor: RHI Magnesita
Award: \$33,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - Steel Dynamics Membership
Sponsor: Steel Dynamics, Inc.
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - US Steel Membership
Sponsor: US Steel Corporation
Award: \$66,000

PI: Ronald J. O'Malley
Department: Materials Science and Engineering
Proposal Title: PSMRC - ATI Flat Rolled Products Membership
Sponsor: ATI Flat Rolled Products
Award: \$33,000

PI: Yun Seong Song
Department: Mechanical and Aerospace Engineering
Proposal Title: CAREER: Advancing Physical Human-Robot Interaction through Intuitive Sensorimotor Communication
Sponsor: NSF Division of Civil, Mechanical & Manufacturing Innovation
Award: \$538,876

PI: Alexey Georgiyevich Yamilov
Department: Physics
Proposal Title: Collaborative Research: Wave Transport via Eigenchannels of Complex Media
Sponsor: NSF Division of Materials Research
Award: \$66,894

FUNDING SEARCH ENGINES:

Federal Grants World

<http://grants.gov/>

PIVOT - Funding Opportunity Database

<http://pivot.proquest.com/>

National Science Foundation

<https://www.nsf.gov/funding/index.jsp>

Foundations Directory Online

<https://fconline.foundationcenter.org/ipl.php>

Research Enabled

<https://www.researchenabled.org/>