

| PI Name (First) | PI Name (Last)   | Department ID | Proposal Title  | Award Amount         |
|-----------------|------------------|---------------|---|----------------------|
| Evangelia       | Agapaki          | 15030000      | Hybrid Deep Learning Framework for Predicting the Health of Bridges   | \$ 28,000.00         |
| Mark            | Bandyk           | 30230000      | Novel Algorithms for Multi-region Bladder Cancer Segmentation   | \$ 15,000.00         |
| Joshua          | Brown            | 32050000      | Diagnosing suicidal behaviors in postpartum mothers using natural language processing   | \$ 28,000.00         |
| Lindsay         | Campbell         | 60900000      | Taking species distribution models to the next dimension: A graph-convolutional neural network approach to predicting fine-scale mosquito vector distributions                                      | \$ 20,000.00         |
| Larisa          | Cavallari        | 32060000      | Utilizing Artificial Intelligence to Identify Bleeding Risk Predictors with Newer P2Y12 Receptor Inhibitors   | \$ 25,000.00         |
| Oscar Hengxuan  | Chi              | 26090200      | Develop Strategies to Recover and Promote Patients' Trust in AI Healthcare Service Robots   | \$ 20,000.00         |
| Osubi           | Craig            | 13010900      | Deep Learning process that will task AI to detect IP in dance moves.  | \$ 19,000.00         |
| Michael         | Davis            | 29091200      | Gator Rater: Development and validation of a live, continuous, mobile-device friendly, patient satisfaction measurement and response tool for inpatient hospital care using artificial intelligence | \$ 5,000.00          |
| Leo             | Duan             | 16480000      | Using AI and High-resolution fMRI Data to Learn the Backbone Functional Connectivity of the Human Brain   | \$ 3,000.00          |
| Zhe             | Jiang            | 19140100      | Geometric Deep Learning on 3D Protein Surface Data for Drug Discovery   | \$ 28,000.00         |
| Daniel          | Johnson          | 60460000      | Saving trees and money by detecting forest pests and pathogens from remote sensing and forest inventories using AI tools  | \$ 28,000.00         |
| Aleksandr       | Kazachkov        | 19060100      | A Fair and Efficient System for Allocating Food Bank Resources Through a Joint Prediction and Discrete Optimization Framework   | \$ 28,000.00         |
| Peter           | Kvam             | 16400000      | Using AI to assess behavior and its relation to internalizing and substance use   | \$ 28,000.00         |
| Carla           | Mavian           | 29080100      | Robiome-based explainable AI for pathogen prediction  | \$ 17,500.00         |
| Ramon           | Miranda Quintana | 16120100      | Improving Computer-Aided Drug Design by Efficient Chemical Space Exploration  | \$ 28,000.00         |
| Ivy             | Munoko           | 17030100      | A comparison between AI decision making versus Human-AI collaborations in high-risk settings  | \$ 19,000.00         |
| Timothy         | Murtha           | 15040100      | Land, Water, and Settlement at Motul de San Jose, Peten Guatemala: LiDAR + AI to study deep time perspectives on coupled natural and human systems.   | \$ 25,600.00         |
| Mathews         | Paret            | 60770000      | Microscopic AI for Detection of Plant Health Issues on Vegetable Crops, and Framework for Equitable Use Among Marginalized Communities in Agriculture   | \$ 28,000.00         |
| Peihua          | Qiu              | 36010000      | Longitudinal Sequential Learning System for Effective Personalized Screening of Age-Related Chronic Diseases  | \$ 20,500.00         |
| Karla           | Saldana Ochoa    | 15020100      | From Text to 3d Structural Forms  | \$ 28,000.00         |
| Brooks          | Samantha         | 60090000      | An Artificial Toolkit to Detect Locomotor Traits in Livestock   | \$ 24,500.00         |
| John            | Sansalone        | 19070100      | CFD and AI augmented urban water basin infrastructure planning and retrofits  | \$ 28,000.00         |
| Naykky          | Singh Ospina     | 29050700      | Thyroid nodule risk stratification: development of a computable phenotype using natural language processing and machine learning  | \$ 25,000.00         |
| Zachary         | Slepian          | 16060100      | Parity Violation in the Sky with HiPerGator AI  | \$ 27,600.00         |
| Yao-Chin        | Wang             | 26090200      | An Artificial Intelligence (AI) Approach to Mindfulness: Immersive Human-Environmental Interactions on Nature Sounds, Natural Destinations, and Guided Meditation                                   | \$ 22,000.00         |
| Ziwen           | Yu               | 60070000      | Decipher the fairness and equity in smart farming partnerships using natural language processing, knowledge graph, and transfer learning  | \$ 28,000.00         |
|                 |                  |               |   | <b>\$ 596,700.00</b> |