Cheryl Boudreau, Assistant Professor  
Political Science  
Proposal Title: Race, Information, and Ideology: Voting in Municipal Rank Choice Elections  
$24,971.00

James Chan, Assistant Professor in Residence  
SOM: Pathology and Laboratory Medicine  
Proposal Title: Multimodal Second Harmonic Generation (SHG) and Fluorescence Microscopy for Studying the Link between Cardiac Muscle Mechanical Stress and Arrhythmogenic Ca2+ activity  
$24,975.00

Mingyi Chen, Assistant Professor  
SOM: Pathology and Laboratory Medicine  
Proposal Title: Comprehensive Analysis of Microbial Signatures for Lymphomagenesis using a novel Microbial Detection Array  
$25,000.00

Joy Geng, Assistant Professor  
Psychology  
Proposal Title: Causal interactions between brain regions that encode reward incentives and attention  
$21,814.82

Dominik Haudenschild, Assistant Professor  
SOM: Orthopaedic Surgery  
Proposal Title: Sustained COMP/BMP2 Presentation from Osteoinductive Implants in Spinal Fusion  
$24,300.00

Sangtae Kim, Associate Professor  
Chemical Engineering and Materials Science  
Proposal Title: The First Step toward and Advanced All Solid-State Lithium-Ion Battery System: Grain-Boundary Engineering for Solid Electrolytes  
$23,959.00

Cynthia Lin, Assistant Professor  
Agricultural and Resource Economics  
Proposal Title: The effects of environmental regulation on productivity, investment and emissions  
$24,985.00

Xiaoguang Liu, Assistant Professor  
Electrical & Computer Engineering  
Proposal Title: High Power Handling High-Q Varactors in Thick-film Piezoelectric Actuators  
$24,935.00

Veronica Martinez Cerdeno, Assistant Professor  
SOM: Pathology and Laboratory Medicine  
Proposal Title: Human BDNF-GDNF expressing mesenchymal stem cell treatment for spinal cord injury  
$25,000.00
Mark Mascal, Professor
Chemistry
Proposal Title: Highly efficient synthetic approaches to new anti-malarial drugs
$21,164.00

Bill McCarthy, Professor
Sociology
Proposal Title: The Benefits of Adolescent Happiness
$8,695.00

Tara Niendam, Assistant Professor in Residence
SOM: Psychiatry and Behavioral Sciences
Proposal Title: Neural Predictors of Risk for Psychosis and Mania (RPM)
$24,889.00

Stephen Noctor, Assistant Professor in Residence
SOM: Psychiatry and Behavioral Sciences
Proposal Title: Microglial regulation of neocortical development
$24,845.00

Brenda Schildgen, Professor
Comparative Literature
Proposal Title: Transcultural Receptions of ancient, medieval, and early modern art, architecture, ideas and culture
$17,840.00

Erkin Seker, Assistant Professor
Electrical & Computer Engineering
Proposal Title: Engineering the Performance of Cell-Based Biosensors at Nanometer-Scale
$15,000.00

Andrea Townsend, Assistant Professor
Wildlife, Fish and Conservation Biology
Proposal Title: Urbanization and the socio-ecological risk factors for West Nile virus in American crows
$21,954.00

Dong Yu, Assistant Professor
Physics
Proposal Title: Understanding and Optimizing Nanowire Surfaces and Interfaces with Photocurrent Microscopy towards Efficient Nanowire Optoelectronics
$25,000.00