College of Arts & Sciences

Research & Scholarship Highlights

HEALTHY PEOPLE

A sustainable society depends on the health and wellbeing of its people regardless of age, race, gender, or socioeconomic status. Through innovative research into the physical, social, emotional and spiritual determinants of health and disease, CAS researchers help to identify the behaviors, treatments, and cures that create and sustain human health.

My Lien Dao, Associate Professor, Department of CMMB. Award Period: 2018-2019. “Antimicrobial Activity of GEMS Sole Mate Sanitizing Devise,” HEPCO LLC Medical; $47,700.

Younghoon Kee, Associate Professor, Department of CMMB. Award Period: 2017-2022. “The role of UBR5 in the PRC1-mediated transcriptional repression at damaged chromatin,” NIH; $566,936.

Meera Nanjundan, Associate Professor, Department of CMMB. Award Period: 2017-2019. “The Role of the miRNA Cluster at 14q32 in Lipid Regulation and Renal Cancer Biology,” National Cancer Institute; $74,750.

Bill Baker, Professor, Department of Chemistry. Award Period: 2018-2020. “Deciphering the metagenome-encoded pathway and domain structure for Palmerolide biosynthesis,” Board of Regents, NSHE; $62,260.

Jianfeng Cai, Professor, Department of Chemistry. Award Period: 2017-2020. “Development of Unimolecular Antibacterial Nanomaterials,” NSF; $130,000.

Juan Del Valle, Associate Professor, Department of Chemistry. Award Period: 2017-2020. "N-Amino Peptide-Derived Beta-Sheet Mimics," NSF; $158,872.

Xiaopeng, Li, Assistant Professor, Department of Chemistry. Award Period: 2017-2020. "Self-Assembly of 2D Metallo-Supramolecules as a Novel Class of Antimicrobial Biomaterials via Forming Transmembrane Channels," NIH; $285,528.63.

Shengqian Ma, Associate Professor and Director SMMARTT Research Center, Department of Chemistry. Award Period: 2017-2020. "Crystallographic Studies on Co-Crystals," Colgate-Palmolive Company; $30,000.

Xiaodong (Mike) Shi, Associate Professor, Department of Chemistry. Award Period: 2017-2020. "Achieving Challenging Transformations with 1,2,3- Triazole Based Novel Metal Catalysts," NSF; $135,000.