The **Center for Medical Innovation** (CMI), in connection with the Department of Bioengineering, has made awards to three projects in its 2024 Round-1 Early Stage Translational Research Seed Grant competition. The purpose of these awards is to fund the development of innovative concepts in translational medicine, which were originated by teams of clinicians, SSOE engineers, and their students. The awards, totaling $37,500 are granted to the following project teams:

Morgan DiLeo, PhD; Xin Fan, PhD; Rajesh Sasikumar, MD

For: "Drug-collecting ocular insert to prolong retention time and enhance efficacy of commercial eye drops"

Award is for development and preclinical testing of a novel device that improves the delivery of approved medications in the treatment of ophthalmic diseases.

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Timothy Chung, PhD; David Vorp, PhD; Rabih Chaer, MD; Pete Gueldner; Cyrus Darvish

For: "Delta Cuff: A Method for Early Detection of Post Thrombotic Syndrome"

Award funds development and testing of an innovative device that provides input to machine learning algorithms applied to patients with severe peripheral vascular disease.

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David Vorp, PhD; Isabelle Chickanosky, BS; Nicole Donnellan, MD; Tim Chung, PhD

For: "The EndoDx App: A Patient-Physician Tool for Noninvasive Diagnosis of Endometriosis"

Award will fund collection of information to be used by machine learning algorithms in the reliable diagnosis and characterization of endometriosis.