

Seed Grants Awarded for Collaborative Projects Between Cornell University researchers from Ithaca and New York City

To promote research collaborations between Cornell University's Ithaca and New York City campuses, two symposia were organized, bringing together faculty from both campuses. The first conference took place in September 2004 in Ithaca, the second in March 2005 in New York City. Following each of these meetings, the administrations of the Cornell University and Weill Cornell campuses awarded Seed Grants of up to \$50,000 each to enable joint research projects between the two campuses. A committee consisting of three faculty members from the Cornell Ithaca campus and three from the Weill Medical College campus reviewed the outstanding applications received and helped to select the proposals to be funded, which are listed below for the two funding rounds.

First round recipients:

Remodelable Microfluidic Scaffolds for the Control of Cellular Development In Vitro

Abraham Stroock, P.I. (CU-Ithaca)
Thomas Sato, Co-P.I. (WMC)
Lawrence Bonassar, Co-P.I. (CU-Ithaca)

Structural, Mechanistic and Inhibition Studies on MAS: A Mycobacterial Tuberculosis Virulence Factor

Luis Quadri, P.I. (WMC)
Tadhg Begley, Co-P.I. (CU-Ithaca)

A Linear Programming Model of Emergency Patient Allocation to Health-Care Facilities

Nathaniel Hupert, P.I. (WMC)
Jack Muckstadt, Co-P.I. (CU-Ithaca)

Allosteric Mechanisms and the Function of G Protein-Coupled Receptors

Ron Elber, P.I. (CU-Ithaca)
Harel Weinstein, Co-P.I. (WMC)

Development of a Clinical Research Training Course for Biomedical Engineering Students

Yi Wang, P.I. (WMC)
Lawrence Bonassar, Co-P.I. (CU-Ithaca)
William Frayer, Co-P.I. (WMC)
Alexis Te, Co-P.I. (WMC)
Craig Kent, Co-P.I. (WMC)
Martin Prince, Co-P.I. (WMC)
Hollis Potter, Co-P.I. (WMC)

Nanofabrication of Endovascular Microcatheters

Y. Pierre Gobin, P.I. (WMC)
William Olbricht, Co-P.I. (CU-Ithaca)

Engineering Intracellular Antibodies for Controlling Stem Cell Differentiation

Matthew DeLisa, P.I. (CU-Ithaca)
Lorraine Gudas, Co-P.I. (WMC)

Quantitative PET/CT Imaging for Early Lung Cancer

Anthony Reeves, P.I. (CU-Ithaca)
David Yankelevitz, Co-P.I. (WMC)

Assembling HIV: Connecting Protein Interactions to Capsid Shape

Christopher Henley, P.I. (CU-Ithaca)
Diana Murray, Co-P.I. (WMC)

Characterization of Mitochondrial Transglutaminase

Arthur Cooper, P.I. (WMC)
Boris Krasnikov, Co-P.I. (WMC)
Richard Cerione, Co-P.I. (CU-Ithaca)
Marc Antonyak, Co-P.I. (CU-Ithaca)

Development of Biologically Active Absorbable Vascular Grafts

C.C. Chu, P.I. (CU-Ithaca)
K. Craig Kent, Co-P.I. (WMC)
Bo Liu, Co-P.I. (WMC)

Imaging of Alzheimer's Disease -Amyloid Peptides Within Neurons

Gunnar Gouras, P.I. (WMC)
Watt Webb, Co-P.I. (CU-Ithaca)
Frederick Maxfield, Co-P.I. (WMC)

Second round recipients:

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