Provost Fellows - 2006-7, 2007-8

The Graduate School of Arts & Sciences:

Erin Kappelar
About Erin's Research & Interests:
I am interested in modernism, postmodernism, and issues of canon formation. I am particularly interested in examining texts on the edges of the modernist canon, such as H.D.'s *Trilogy*, Mina Loy's *Lunar Baedeker*, and Djuna Barnes' *Nightwood*.

Huai-Ti Lin
About Huai-Ti's Research & Interests:
The study of animal locomotion in the context of biomechanics appeals to me very much. At the Tufts Biomimetic Devices Laboratory, my focus has been the dynamic analysis of the tobacco hornworm (Manduca sexta) caterpillar locomotion. Using the available technologies to measure the soft-body dynamics, I wish to compose a physical description of the caterpillar locomotion. In doing so, perhaps some fundamental “design principles” in nature will emerge.

The Fletcher School of Law and Diplomacy:

James Platte

About James' Research & Interests:
My primary field of study at the Fletcher School is international security, and my particular academic interests are issues related to nuclear power and proliferation. Specifically, I am researching what factors influence national decisions about developing a nuclear fuel cycle. Related to this, I am also looking into the risks that are involved with particular decisions regarding a nuclear fuel cycle. The politics and affairs of countries with large nuclear industries where these issues are salient, such as Japan, Korea, and India, are also of interest to me.

The Friedman School of Nutrition Science and Policy:

Karen McGuigan

About Karen's Research & Interests:
I am currently working in the Laboratory for Nutrition Vision Research at the Human Nutrition Center for Aging. I am studying the role of the ubiquitin-proteasome-pathway in the development of diabetic cataracts. The focus of my research is on the role of ubiquitin-conjugating enzymes in the degradation of lens cell-cycle regulatory proteins. Proper functioning of the cell cycle is intrinsic to maintaining eye health, and so elucidation of the effect of hyperglycemic conditions on ubiquitin-conjugating enzymes will hopefully provide insight as to the mechanism by which lens transparency decreases in diabetic cataracts.

Not Pictured:

Laura Babbit, The Graduate School of Arts & Sciences
Vinay Agarwal, The School of Engineering
Eleanor Pritchard, The School of Engineering
Jina Kim, The Fletcher School of Law and Diplomacy
Juliana Lewis, The Sackler School of Graduate Biomedical Sciences