

# Provost Fellows 2010-2011, 2011-2012

## *The Graduate School of Arts & Sciences:*



### **Miriam Arbeit**

#### *About Miriam's Research and Interests:*

Miriam R. Arbeit is a doctoral student in the Applied Child Development program at Tufts University. Currently, she is a graduate research assistant for Project GPS: Building Goal Management Skills in Young People, within the Institute for Applied Research in Youth Development. She earned a bachelor's degree in Psychology and Human Rights from Columbia University in 2007. Mimi's primary research interests involve using the PYD approach to study adolescent sexual development, focusing on how school-based curricula and out-of-school-time programs can proactively support adolescents in developing sexual agency, sexual ethics, and the social, emotional, and cognitive skills necessary to make healthy decisions and engage in fulfilling relationships.



### **Maria Barth**

#### *About Maria's research and interests:*

Maria Barth is a doctoral student in Psychology. Her research focuses on social, emotional, and moral judgments in adults and children, and the neural correlates of these judgments.

## *The School of Engineering*



### **Jeffrey Walker**

#### *About Jeff's Research and Interests:*

My interests focus the impacts of human activities on the water quality of lakes and rivers. My goal is to develop new tools and decision support systems both for helping engineers and scientists diagnose water quality problems and for promoting public awareness and engagement in the watershed planning process.

## *Fletcher School of Law and Diplomacy*



### **Rabia Zafar**

#### *About Rabia's Research and Interests:*

My fields of study at Fletcher are Southwest Asia & Islamic Civilization and Human Security. My regional focus is Pakistan, where I am interested in studying the causes of violent extremism. Specifically, I hope to understand why certain areas and groups within Pakistan are more or less prone to the sort of militant, religious-based extremism that has far reaching security implications.

## *The Sackler School of Graduate Biomedical Science*



**Cecile Rouleau**

About Cecile's Research and Interests:

My current research at the Sackler school focuses on mechanisms of malignant transformation. Prior to joining Tufts as a PhD student, I worked in oncology drug development in the private sector, focusing on antibody, antibody-drug conjugates and small molecule therapeutics.



**Ben Umiker**

*About Ben's Research and Interests:*

My research will try to elucidate the mechanisms that lead to the development of autoimmunity in Systemic Lupus Erythematosus (SLE or Lupus). Specifically, the mechanisms by which self tolerance is avoided during B cell development allowing for the production of auto-antibodies, which have high affinities to nucleic acids. Also the role innate immune signaling and granulopoiesis play in creating Lupus pathology. A complete investigation into the mechanisms behind autoimmunity will become more and more crucial as rates of autoimmunity increase in the developed and developing world.

## *The Friedman School of Nutrition Science and Policy*



### **Marion Min-Barron**

#### *About Marion's Research and Interests:*

With a dual master's in nutrition and public health, Marion hopes to continue her research in East Africa. She has worked in Kenya and Rwanda, mostly within the HIV population. For her doctoral research, however, she would like to explore the dynamics of intrahousehold food sharing and the sustainability of nutrition interventions, specifically within maternal and child health.

### **Not Pictured:**

Alissa Kamens, Graduate School of Arts and Sciences

Ashirul Amin and Melita Sawyer, Fletcher School of Law and Diplomacy

Anne Weeks, Sackler School of Graduate Biomedical Sciences

Hassan Dashti and Jamie Fierstein, Friedman School of Nutrition Science and Policy