

The Summer Clinical and Translational Research Program (SCTRP) is a ten-week mentored, summer research program designed to enrich the pipeline of college students' understanding of and interest in pursuing clinical and/or translational research, as well as to increase underrepresented minority and disadvantaged college student exposure to clinical/ translational research. In addition to a mentored clinical/translational research experience, SCTRP students participated in weekly seminars with Harvard faculty focusing on topics such as research methodology, health disparities, ethics, career paths, and the graduate school and medical school application process. SCTRP Students also participated in offerings of other Harvard Medical School programs such as career development seminars and networking dinners.



The Harvard Catalyst Program for Faculty Development and Diversity at Harvard Medical School  
2010 Summer Clinical and Translational Research Program Student Presentations

**Opening Remarks**

Joan Y. Reede, MD, MPH, MBA  
Dean for Diversity and Community Partnership  
Harvard Medical School

**Introduction**

Carol A. Martin, MPA  
PFDD Program Manager

**Student Presentations:**

Azza Abdalla, University of South Carolina at Columbia  
Mentor: Winston Kuo, DMSc, DDS, Harvard Catalyst; HSDM  
*"Protein Assay Development: Detection of Inflammatory Cytokine Biomarkers of Chronic Lung Disease in Premature Infants"*

Monica Delgado, University of Texas at El Paso  
Mentor: Anthony Rosenzweig, MD, BIDMC  
*"Identification of Novel Transcriptional Regulator of Pathologic Cardiac Hypertrophy"*

Andrea DePetris, Wesleyan University  
Mentor: Margarita Alegria, PhD, Cambridge Health Alliance  
*"A Comparative Analysis of Diffusion Trends Regarding Children's Access to Antidepressants and to the Notification of the Risks"*

Joan Fadairo, North Carolina Agricultural & Technical State University  
Mentor: Peter Tonellato, PhD, Harvard Medical School  
*"Breast Cancer Risk Assessment: An Introduction to Health Disparities and Clinical Avatars"*

Danielle Jones, Xavier University of Louisiana  
Mentor: Chenghua Gu, DVM, PhD, Harvard Medical School  
*"Neurovascular Interaction During Dorsal Root Ganglia Development"*

Tessy Pumacchua, California State University at San Bernadino  
Mentor: Margarita Alegria, PhD, Cambridge Health Alliance  
*"Understanding the Association of Nonverbal Cues and Environmental Factors With Patient's Retention in Mental Health Care"*

**INTERMISSION**

Hung Le, Massachusetts College of Pharmacy and Health Sciences  
Mentor: George King, MD, Joslin Diabetes Center  
*"Achieving Comparable Glycemic Outcome for Asian Americans Through a Culturally Tailored Diabetes Specialty Program"*

Engy Mui, University of Massachusetts at Boston  
Mentor: Charles Nelson, PhD, Children's Hospital Boston  
*"Preparing a Stimulus Set Face Processing: How Do Infants Perceive Race?"*

Willythssa Stephe Pierre-Louis, University of Connecticut  
Mentor: Curtis Huttentower, PhD, Harvard School of Public Health  
*"Predicting P. falciparum Life Cycle in Malaria Patients"*

Katherine Vandenberg, Florida International University  
Mentor: Jerome Ackerman, PhD, Massachusetts General Hospital  
*"A Novel MRI-Colonoscopy Technology: An Application for Real-time Imaging"*

Gowry Kulandaivel, University of Maryland at Baltimore County  
Mentor: Kenneth Mukamal, MD, MPH, Beth Israel Deaconess Medical Center  
*"Long-Chain Omega-3 Fatty Acids and Fasting Glucose: A Meta-Analysis of Clinical Trials"*

**RECEPTION TO FOLLOW**

**Sponsor:** Harvard Catalyst is a pan-Harvard University enterprise dedicated to improving human health. It is a shared enterprise of Harvard University, its ten schools and its eighteen Academic Healthcare Centers (AHC), as well as the Boston College School of Nursing, MIT, the Cambridge Health Alliance, Harvard Pilgrim Health Care and numerous community partners. With the support of the National Institutes of Health and commitments from its partner organizations, the resources of Harvard Catalyst are available to all faculties at Harvard University, regardless of their institutional affiliation or academic degree. The Summer Clinical and Translational Research Program is administered by The Harvard Catalyst Program for Faculty Development and Diversity in the Office for Diversity and Community Partnership at Harvard Medical School. For More information on Harvard Catalyst, visit <http://catalyst.harvard.edu>

**Harvard Catalyst: The Harvard Clinical and Translational Science Center Program for Faculty Development and Diversity (PFDD)**

The Program for Faculty Development and Diversity seeks to emphasize the recruitment and retention of a diverse clinical/translational workforce as a top priority throughout Harvard Catalyst in governance, programming, training, and resource allocation.

**Office for Diversity and Community Partnership**

The Office for Diversity and Community Partnership (DCP) focuses on two broad areas at Harvard Medical School: minority faculty development and educational outreach. The DCP Office aims to ensure that Harvard Medical School truly reflects the community it serves by promoting increased recruitment, retention and advancement of underrepresented minority faculty at Harvard Medical School, overseeing all diversity activities involving faculty, trainees, students, and staff, and coordinating partnerships with community groups and schools. For more information, please visit <http://www.hms.harvard.edu/dcp>

**Special Thanks:**

Harvard Catalyst

2010 Lab Mentors

SCTRP Summer Speakers

Selection and Advisory Committee

Beth Israel Deaconess Medical Center

Massachusetts General Hospital

Cambridge Health Alliance

Joslin Diabetes Center

Children's Hospital

Harvard School of Public Health

Harvard Medical School



**HARVARD CATALYST  
PROGRAM FOR FACULTY DEVELOPMENT  
AND DIVERSITY**

**2010**

**Summer Clinical and Translational  
Research Program**

**Student Presentations**

**Thursday August 19th, 2010**

9:00am-1:00pm

Benjamin Waterhouse Room

Gordon Hall

Harvard Medical School

