

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**

**2011 Summer Clinical and Translational Research Internship Program
Final Presentations**

Opening Remarks and Introduction

Carol A. Martin, MPA
PFDD Program Manager

Student Presentations

Ana Cadena, New Mexico State University

Mentor: Alexander Lin, PhD, BWH
"Analyzing Neurological Disorders with Correlated Spectroscopy (COSY)
Optimizing Parameters and Implementing Them"

Ellese Carmona, San Diego State University

Mentor: Suzanne Walker, PhD; John Santa Maria, HMS
"Characterizing the Role of Wall Techoic Acids on Penicillin Binding Protein Localization
in Methicillin-Resistant *Staphylococcus Aureus*"

Rashaad Joseph, Florida A&M University

Mentor: Min Liu, PhD, BWH
"Assay Development for the Characterization of Hsp90 Inhibitors"

Komal Kothari, Columbia University

Mentor: Joseph Degutis, PhD, VA Medical Center, Boston
"Loss of Attentional Control in Post-Traumatic Stress Disorder"

Muriel R. Makamure, California State University San Bernardino

Mentor: Ronilda Lacson, MD, PhD; BWH
"Reasons Radiologists Do Not Communicate Pulmonary Nodules Seen in Chest CT
Scans."

Yansel Nunez, Seton Hall University

Mentors: Winston Kuo, DMSc, DDS, Harvard Catalyst LITT Lab; Anne Tanner, PhD,
B.D.S; The Forsyth Institute
"Quantitative PCR of *Scardovia Wiggisiae*: A New Dental Pathogen?"

Jason Silvestre, University of Florida

Mentors: George Church, PhD; Nikolai Eroshenko, HMS
"A Screen of Human SNPs in the 5'-UTR Using a Lentiviral System."

Cesar E. Soria, University of New Mexico

Mentors: Utkan Demirci, PhD; Albert Wang, PhD, BWH;
Winston Kuo, DMSc, DDS, Harvard Catalyst LITT Lab
"Benchmarking and Standardization of Microparticle Isolation Approaches for Potential
Clinical Applications"

Diana F. Velez, Albertus Magnus College

Mentor: Theresa Betancourt, PhD; Katrina Hann, MS; HSPH
"Mental Health Priorities Among Resettled Refugee Somali Bantu Families in Boston"

Grace Woods, Prairie View A&M University

Mentor: Charles Nelson, PhD, Children's Hospital Boston
"How Infants Study Faces and Perceive Race"

RECEPTION TO FOLLOW

Summer Clinical and Translational Research Program (SCTRP)

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 Visiting Research Internship 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>



HARVARD CATALYST PROGRAM FOR FACULTY DEVELOPMENT AND DIVERSITY

2011

Summer Clinical and Translational Research Program

Student Presentations

Thursday August 18th, 2011

9:00am-2:00pm

Benjamin Waterhouse Room

Gordon Hall

Harvard Medical School

