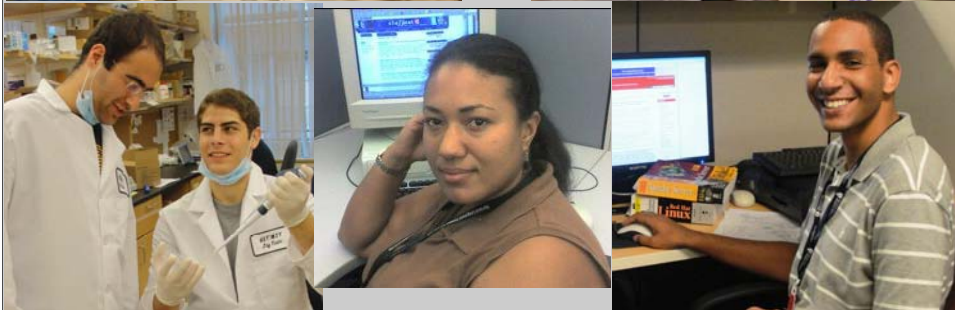
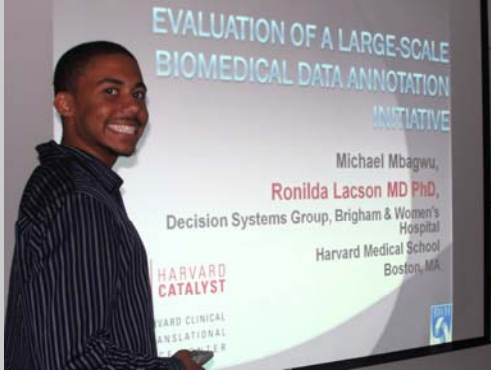


The Summer Clinical and Translational Research Program (SCTRP) is a ten-week mentored, summer research program designed to enrich the pipeline of college students' understanding of and interest in pursuing clinical and/or translational research, as well as to increase underrepresented minority and disadvantaged 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 and graduate students 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
2009 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:

Mia Lassiter, Winston Salem State
Lab Mentor: Suzanne Walker, PhD, Harvard Medical School
Title: *"The Role of MoeGT5 in the Moenomycin Biosynthetic Pathway"*

Allison Truong, University of California, Los Angeles
Lab Mentor: Winston Kuo, D.M.SC, DDS, Laboratory for Innovative Translational Technologies, Harvard School of Dental Medicine
Title: *"Comparison of novel and traditional RNA extraction techniques."*

Sarah Fredrickson, San Diego State University
Lab Mentor: Justeen Hyde, PhD, Cambridge Health Alliance
Title: *"Recommendations to Improve Implementation of a Federal Mandate Requiring Referral of Young Children in Foster Care to Early Intervention Services"*

Michael Mbagwu, Ohio State University
Lab Mentor: Ronilda Lacson, MD, PhD, Brigham and Women's Hospital
Title: *"Assessment of Variable Coverage within Gene Expression Omnibus (GEO)"*

Reginald Severe, Cornell University
Lab Mentor: Virginia R. Chomitz, PhD, Cambridge Health Alliance
Title: *"Impact of physical activity on academic performance: exploration of causal relationships between physical fitness, physical activity, physical education and academic performance."*

10 Minute Intermission

Jordan Markel, University of South Florida
Lab Mentor: Utkan Demirci, PhD, Brigham and Women's Hospital
Title: *"Droplet Based Vitrification for the Cryopreservation of Red Blood Cells"*

Steven He, University of California, San Diego
Lab Mentor: Winston Kuo, D.M.SC, DDS, Laboratory for Innovative Translational Technologies, Harvard School of Dental Medicine
Title: *"A Comprehensive Comparison of RNA Extraction by Novel Pressure Cycling Technology and Modern Techniques"*

Vanessa Rivas Lopez, Northwestern University
Lab Mentor: Anthony Rosenzweig, MD, Beth Israel Deaconess Medical Center
Title: *"Testing a Novel Biomarker for Endothelial Progenitor Cells"*

Hisham Yousif, University of Arizona
Lab Mentor: Ronilda Lacson, MD, PhD, Brigham and Women's Hospital
Title: *"Evaluation of a Large-Scale Biomedical Annotation Effort in a Public Gene Expression Repository"*

Taneka Marshall, Bowie State University
Lab Mentor: Eleftheria Maratos-Flier, MD Beth Israel Deaconess Medical Center
Title: *"Metabolic Parameters in C57BL/6 Mice: A Four-Way Diet Study"*

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

SCTRP Summer Speakers

Curriculum Design Committee

Selection and Advisory Committee

All Lab Hosts and Mentors

Beth Israel Deaconess Medical Center
Cambridge Health Alliance

Brigham and Women's Hospital
Harvard Medical School

LITT Lab



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

2009

**Summer Clinical and Translational
Research Program
Student Presentations**

Thursday, August 13th 2009

9:00am-12:00pm

Benjamin Waterhouse Room

Gordon Hall

Harvard Medical School

