Harvard Catalyst Summer Clinical and Translational Research Program (SCTRP) Final Presentations

Sponsor: Harvard Catalyst brings together the intellectual force, technologies, and clinical expertise of Harvard University and its affiliates and partners to reduce the burden of human illness.

Established in 2008, Harvard Catalyst | The Harvard Clinical and Translational Science Center is dedicated to improving human health by enabling collaboration and providing tools, training, and technologies to clinical and translational investigators. As a shared enterprise of Harvard University, Harvard Catalyst resources are made freely available to all Harvard faculty, regardless of institutional affiliation or academic degree.

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 Inclusion (PFDD)

Under the leadership of Dean Joan Y. Reede, MD, MPH, MS, MBA, the Program for Faculty Development and Diversity Inclusion emphasizes the recruitment and retention of a diverse clinical and translational workforce as a top priority throughout Harvard Catalyst governance, programming, training, and resource allocation.

For more information on PFDD visit: http://catalyst.harvard.edu/programs/diversity/

Office for Diversity Inclusion and Community Partnership

The Office for Diversity Inclusion and Community Partnership (DICP) at Harvard Medical School (HMS) was established in 2002 to promote the increased recruitment, retention and advancement of diverse faculty, particularly individuals from groups underrepresented in medicine (URM), at HMS and to oversee all diversity activities involving HMS faculty, trainees, students and staff.

DICP’s Minority Faculty Development Program (MFDP) offers consistent programming that is responsive to identified needs of individuals and institutions and serves as a nexus for collaborative work among HMS, HMS-affiliate faculty development programs and/or diversity/multicultural affairs offices. In addition, MFDP addresses issues of increasing the pool of minority and disadvantaged students interested in careers in science and medicine, and has built a three-pronged effort to encourage URM and disadvantaged students from all levels of the educational pipeline to pursue biomedical, STEM and health-related careers. Programs begin as early as the middle school level and carry on through the postgraduate level and involve curriculum development, teacher training, enhancing student research, and career development.

For more information on DICP visit: https://mfdp.med.harvard.edu/

A SPECIAL THANK YOU TO ALL THE HARVARD CATALYST PROGRAMS, PARTNER INSTITUTIONS AND AFFILIATES.
The Harvard Catalyst Program for Faculty Development and Diversity Inclusion at Harvard Medical School

2015 Summer Clinical and Translational Research Internship Program
Final Presentations

Opening Remarks and Introduction
Carol A. Martin, MPA, PFDD Program Manager

Student Presentations

Ayushi Aggarwal, University of Maryland, Baltimore County
“Identification and Characterization of Genetic Profiling for Lung Cancer Diagnostics”
Mentors: Synho Do, PhD and Garry Choy, MD, MBA
Massachusetts General Hospital

Hillary Yeboah, Cornell University
“Understanding the Medical Mind: Analyzing the Trends Within Physician Utilization of an Electronic Health Record Search Engine”
Mentors: Synho Do, PhD and Garry Choy, MD, MBA
Massachusetts General Hospital

Amina Rahimi, Virginia Polytechnic Institute and State University
“Investigating Biomarkers in Porcine Models of Sepsis”
Mentors: Michael Super, MSc, PhD and Anna Waterhouse, PhD
Wyss Institute for Biologically Inspired Engineering

Randall Proctor, University of Oklahoma
“Assessing the Impact of the Emergency Department Discharge Module on Patient Follow-up”
Mentor: Ronilda, Lacson, MD, PhD
Brigham and Women’s Hospital

Deborah Rose, Cornell University
“The Associations Between Residential Mobility and Risk for Depression Among Ethnic Minority Adolescents in the United States”
Mentor: Erin Dunn, DSc, MPH
Massachusetts General Hospital

Mario Soliman, Pennsylvania State University, Capitol College
“Searching for Small Molecule Immuno-activators”
Mentors: Timothy Mitchison, PhD and Peter Koch
Harvard Medical School, Systems Biology

Emaline Laney, Agnes Scott College
“Discovery of a New Structural Class of Antibiotics to Treat Methicillin Resistant Staphylococcus aureus”
Mentor: Suzanne Walker, PhD
Harvard Medical School

Sloane Mebane, Hampton University
“Histopathological and Functional Characterization of an Adolescent Mouse Repetitive Concussion Model”
Mentor: Michael Whalen, MD
Massachusetts General Hospital

RECEPTION TO FOLLOW