

The Harvard Catalyst Visiting Research Internship Program (VRIP) is an 8 week mentored summer research program open to first and second year US medical school students particularly underrepresented minorities and/or disadvantaged individuals from accredited US medical schools. The six VRIP students are responsible for the completion of a mentored research project, a written abstract, paper and oral presentation summarizing their findings. Students are also encouraged to participate in the New England Science Symposium. NESS is an annual research symposium held at HMS for minority college, medical, and graduate students and postdoctoral fellows from around the US.



The Harvard Catalyst Program for Faculty Development and Diversity at  
Harvard Medical School

2013 Visiting Research Internship Program Student Presentations

**Opening Remarks and Introduction**

Carol A. Martin, MPA  
PFDD Program Manager

**Student Presentations:**

**Azza Abdalla, Medical University of South Carolina**

*"The role of *lin28b* and *N-myc* in Neuroblastoma"*

Mentors George Church, PhD and Yoav Mayshar, PhD;  
Harvard Medical School

**Gabriel Kim, Howard University College of Medicine**

*"Quantitative clonal analysis of early zebrafish inner ear"*

Mentors: Sean Megason, PhD and Nikolaus Obholzer, PhD;  
Harvard Medical School

**Travis Marshall, University of Washington School of Medicine**

*"AAV serotype 9 uses galactose to target cone photoreceptors in the mouse retina"*

Mentor: Luk Vandenbergh, PhD;  
Massachusetts Eye and Ear Infirmary & Schepens Eye Research Institute

**Arwa Mohammad, University of Missouri School of Medicine**

*"Enhancing Adherence to Guideline-Recommended Imaging for Pulmonary Nodule Follow-Up"*

Mentor: Ronilda Lacson, MD, PhD; Brigham and Women's Hospital

**Terrance Moreau, Boston University School of Medicine**

*"Optimization of Breast Cancer Prediction Tools by Addition of Genetic Information"*

Mentor: Peter Tonellato, PhD; Harvard Medical School

**Vivian Ortiz, Meharry Medical College**

*"Role of Endoplasmic Reticulum Stress in Pathogenesis of Hyperoxia Lung Disease and Necrotizing Enterocolitis"*

Mentors: Steven Freedman, MD, PhD and Camilia Martin, MD, MS;  
Beth Israel Deaconess Medical Center

**RECEPTION TO FOLLOW**

**SAVE THE DATE**

**Harvard Catalyst Summer Clinical and Translational  
Research Program (SCTRP)**

**2013 Student Presentations**

**9:00am– 2:00pm**

**Thursday, August 15, 2013  
Benjamin Waterhouse Room  
Gordon Hall**

**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.

Founded 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 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 (PFDD)**

The Program for Faculty Development and Diversity emphasizes the recruitment and retention of a diverse clinical and translational workforce as a top priority throughout Harvard Catalyst in 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 (DCP) at Harvard Medical School (HMS) was established to promote the increased recruitment, retention and advancement of diverse faculty, particularly underrepresented minority (URM) faculty, at HMS and to oversee all diversity and inclusion activities involving HMS faculty, trainees, students and staff. DCP's Minority Faculty Development Program sponsors programs for the development of HMS faculty, with an emphasis on mentoring and leadership, as well as programs that are designed to reach out to the pre-college and college populations with the goal of bringing outstanding, URM students into the pipeline.

For more information on DCP visit: <http://www.hms.harvard.edu/dcp>

**A special Thank You to all the Harvard Catalyst partner  
institutions and affiliates.**



THE OFFICE FOR  
**Diversity Inclusion &  
Community Partnership**



THE HARVARD CLINICAL  
AND TRANSLATIONAL  
SCIENCE CENTER

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

**2013**

**Visiting Research Internship Program**

**Student Presentations**

**Thursday, July 25, 2013**

**2:00pm-6:00pm**

**Benjamin Waterhouse Room**

**Gordon Hall**

**Harvard Medical School**

