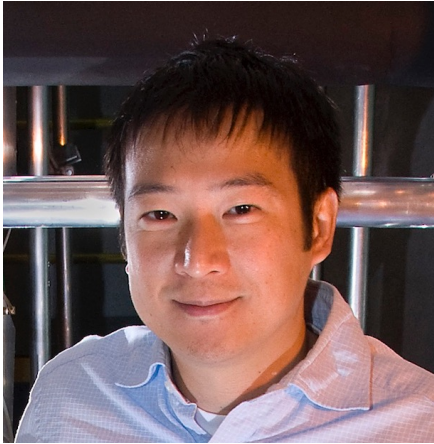


Mickey Chiu



- Scientist in the PHENIX/sPHENIX group at BNL, 2006-present
- nEXO Collaboration, 2014-present
- Mentored 30+ interns in BNL OEP programs (HSRP, CCI, SULI, VFP) since 2006
 - BNL Mentor for Morgan State VFP group (Prof. William Powell), 2010-2012
 - BNL Mentor for Howard Univ VFP group (Prof. Marcus Alfred), 2013-2015
 - BNL Mentor for HBCU Collision Collaboration (NSF EIR Grant), 2019-2022

BNL PREP-NPT (DOE NP Traineeship Program)

- Pairs students with BNL scientist and University Mentor to work on a cutting edge NP research topic
 - Partnership with Howard, Morgan St, FAMU, Texas Southern and U. Puerto Rico, but open to UR students from anywhere
 - Support from wide variety of NP here at BNL (RHIC/EIC, Instrumentation, NNDC, CSI, NP Theory)
 - “mini-graduate student experience”
- About 9 students in each yearly cohort
 - Ideally upper-level undergraduates or recent post-bac’s with an interest in pursuing graduate studies
- Leverages two decades of experience from BNL OEP
 - Existing internship programs (e.g. SULI) provide many of the needed supportive educational opportunities (communication skills, enrichment opportunities, etc)



Students visiting PHENIX and STAR, Summer 2021

Mark C. Harvey

Education & Professional Career Snapshot

Diversity & Inclusion Activities

- * Medical Health Physics Scholarship Program at TSU (NRC)
- * Faculty support HBCU Collision Collaboration (NSF)
- * Faculty support BNL-MSI NPT Fellowship Program (DOE)
- * Faculty support Nuclear Astrophysics; MSU-FRIB (DOE)

- * Houston Louis Stokes Alliance for Minority Participation (HLSAMP) Mentor; REU for UR, TSU undergrads at BNL
- * TSU Department of Physics mentor; local high school student summer interns
- * Former member of Minority Recruitment Subcommittee for AAPM



- **Doctor of Philosophy**, Nuclear Physics, Hampton University, Hampton, VA
- **Master of Science**, Physics, Hampton University, Hampton, VA
- **Bachelor of Science**, Physics, Virginia State University, Petersburg, VA
- **Postdoc Fellowships**
 - **Medical Physics:** The University of Texas M. D. Anderson Cancer Center
 - **Heavy Ion Collision Physics:** Brookhaven National Laboratory, PHENIX
- **Associate Professor of Physics**, Texas Southern University, Houston, TX, August 2017 – Present
 - Health Physics Program Director; Mentored ~ 30 underrepresented (UR) undergraduates; graduate students
 - PI & Co-PI (NRC, NIH, NSF, TCEQ) grants totaling ~ 3M dollars
 - Reviewer for Nuclear Regulatory Commission; Physics in Medicine & Biology; Journal of Radiological Protection
 - Governor appointed member of Texas Radiation Advisory Board, 2016 – Present





FISK-VANDERBILT **Master's-to-Ph.D.** BRIDGE PROGRAM

Dina Myers Stroud
Executive Director

Served for 10 years with the mission to increase underrepresented minorities in STEM

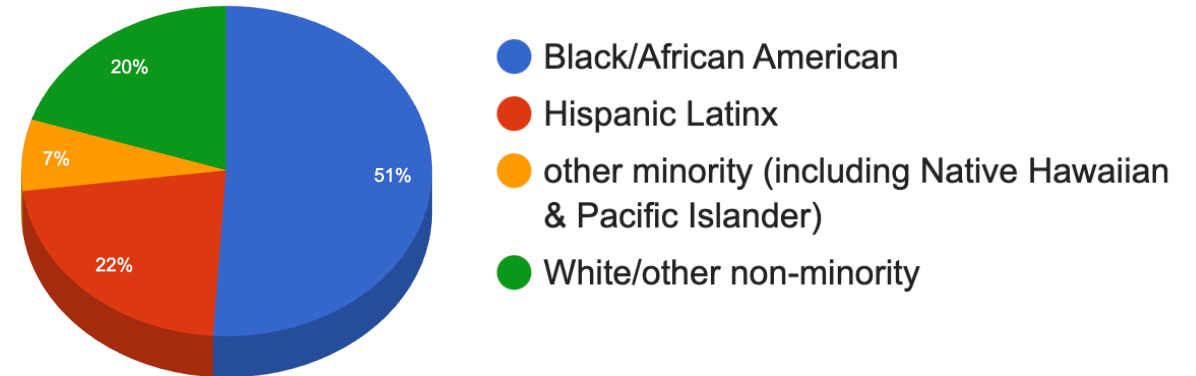
Provided mentoring to over 120 students

Since 2004

- **162** students enrolled
- **126** Master's awarded
- **116** bridged to PhD programs
- **51** PhDs earned (40 from Vanderbilt!)

Post-PhD Employment

- **45%** Academia (including 4 tenure-track faculty)
- **39%** Industry
- **16%** National Labs



FVBP makes the largest contribution of astronomy & physics PhDs awarded to African Americans of any single US institution.

The 10-year STEM PhD completion rate for African American FVBP students is 88%, twice the national average (43%).

Paul Guèye

MICHIGAN STATE
UNIVERSITY

- Experimental nuclear physicist
- Chair, FRIB Diversity Advisory Committee
- Past President, National Society of Black Physicists
- Past Chair for: Physics Department of Hampton University; Liaison Committee for Under-Represented Minorities, American Institute of Physics; Women and Minorities Sub-Committee, American Association for Physicists in Medicine
- APS 2022 Edward A. Bouchet Award recipient

Physicists Inspiring the Next Generation: Exploring the Nuclear Matter (PING)

www.frib.msu.edu/ping

- Goals: year-round exposure to physics & astronomy
 - » Research → Integration within FRIB research groups, contribution to basic & applied nuclear science
 - » Careers → Discussions with graduate students & professionals



Facility for Rare Isotope Beams
U.S. Department of Energy Office of Science
Michigan State University

FRIB AGS Annual Users Meeting, P. Gueye, 06/08/22



Frank Geurts

Professor of Physics & Astronomy
Rice University, Houston TX
PhD Utrecht University, 1998

Rice group: CMS, STAR, EIC-Det.1
Department DEI Committee member

STAR:

PWG convener, Physics Analysis
Coordinator, Deputy Spokesperson
RHIC/AGS Exec. Comm. (2018-2021)



Teacher Workshop '19



<http://quarknet.org>

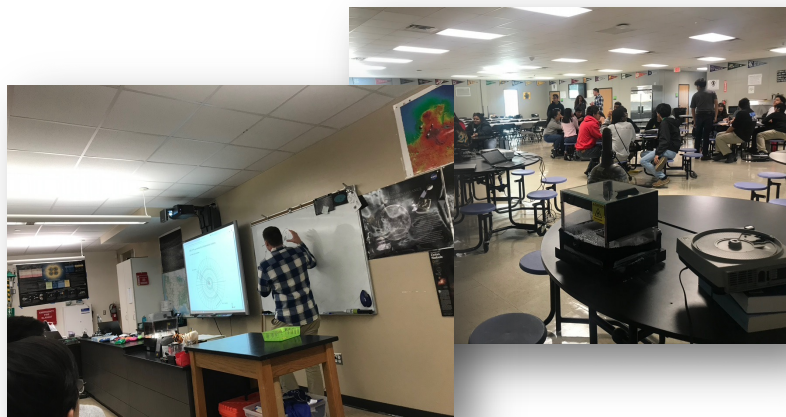
Lead Mentor/PI
Rice/UH QuarkNet Center



Teacher Workshop '21



NSCI Outreach Fest '21



visit local schools: HISD & KIPP



QuarkNet Masterclass '22



Rene Bellwied

University of Houston



MD Anderson Distinguished Professor of Physics

Professional activities:

Founding member of STAR, member of ALICE
Former STAR deputy spokesperson
Former ALICE-USA Coordinator

Outreach activities:

Co-PI of NuSTEAM (Nuclear Science in Texas to Enhance and Advance Minorities), which is DOE funded through TBD-NP (Research Traineeships to Broaden and Diversify the Nuclear Physics community). NuSTEAM Classes of 2021/2022: Cohort of **18 undergraduate minority students from four Texas institutions**

Group leader of UH Nuclear Physics experimental group
(6/12 minority Ph.D. students)

UH Physics Diversity Coordinator (UH is 2nd most ethnically diverse major research university in the United States)

UH Physics 'Ambassador' for HISD (Houston Independent School District (280 schools, 202,000 students, 7th largest in the country, 84% Hispanic and African American))

Organizer of UH Research Day, UH Energy Day, UH Physics Outreach Day....

Former chair of NUFO (National User Facility Organization), former member of APS Policy Committee, former chair of Texas APS section

