Beginning the Next Phase of PRIDE

The Programs to Increase Diversity Among Individual Engaged in Health-Related Research (PRIDE) consists of seven Summer Institutes. The next phase of PRIDE continues to provide mentored training, grantsmanship, and didactic courses.

Information about the training programs is shown on the next page. We are now accepting applications for Cohort 5. To check your eligibility and apply to one of the programs, click on the following link: PRIDE Program Eligibility Requirements

Cohort 4, having just completed their first Summer Institute, is 72 mentees strong. We are very excited about the return of Cohort 4 mentees and the beginning of Cohort 5 during the 2016 Summer Institute. We also look forward to meeting all Cohort 4 mentees at the 2016 PRIDE Annual Meeting being held in April, 2016.

In this issue of the PRIDE Newsletter, you will find out what the programs are doing and who is in the news.

Who’s in the News:

- **Paul Archibald**: PRIDE HBCU Cohort 4 Mentee publishes manuscript
- **Christian Bime**: PRIDE AHD Cohort 4 Mentee highlighted
- **Shani Collins**: PRIDE HBCU Cohort 4 Mentee publishes book
- **Monica Flippin-Wynn**: PRIDE HBCU Cohort 4 Mentee promoted
- **Bianca Garner**: PRIDE FTG Cohort 4 Mentee promoted
- **Dale Hardy**: PRIDE CGE Cohort 3 Alum receives grant
- **Larissa Jennings**: PRIDE CER Cohort 3 Alum success story
- **Maryam Jernigan-Noesi**: PRIDE HBCU Cohort 4 Mentee promoted
- **Monik Jiménez**: PRIDE MRL Cohort 1 Alum success story
- **Vivian Kawai**: PRIDE CGE Cohort 2 Alum receives grant
- **Fiona Lewis**: PRIDE HBCU Cohort 4 Mentee submits grant
- **Krista Mincey**: PRIDE HBCU Cohort 4 Mentee publishes manuscript
- **Tomas Nuño**: PRIDE AHD Cohort 4 Mentee highlighted
- **Patricia Silveyra**: PRIDE FTG Cohort 4 Mentee promoted
- **Sharon Singh**: PRIDE FTG Cohort 1 Alum receives grant
- **Jacqueline Taylor**: SIPID CGE Cohort 1 Alum receives grant
- **Dawn Thurman**: PRIDE HBCU Cohort 4 Mentee submits publication
- **Lori Ward**: PRIDE HBCU Cohort 4 Mentee submits publication
Programs to Increase Diversity (PRIDE)
Summer Institute Training Programs

Advanced Health Disparities Training
Location: University of Arizona, Tucson, Arizona
PI: Joe GN “Skip” Garcia, MD  MPI: Francisco Moreno, MD

Behavioral and Sleep Medicine
Location: NYU Langone Medical Center, New York, New York
PI: Girardin Jean-Louis, PhD  MPI: Gbenga Ogedegbe, MD

Cardiovascular Genetic Epidemiology
Location: Washington University in St. Louis, St. Louis, Missouri
PI: D.C. Rao, PhD  MPI: Victor Davila-Roman, MD

Cardiovascular Health-Related Research
Location: SUNY Downstate Medical College, New York, New York
PI: Mohamed Boutjdir, PhD

Functional and Translational Genomics of Blood Disorders
Location: Georgia Regents University, Augusta, Georgia
PI: Betty Pace, MD
Co-Director: Juan González, PhD  Co-Director: Nita Maihle, PhD

HBCU-PRIDE
Location: University of Mississippi Medical Center, Jackson, Mississippi
PI: Bettina Beech, DrPH, MPH  MPI: Keith Norris, MD

Research in Implementation Science for Equity
Location: UCSF Center for Vulnerable Populations, San Francisco, California
PI: Kirsten Bibbins-Domingo, PhD, MD, MAS
MPI: Alicia Fernandez, MD  MPI: Margaret Handley, PhD, MPH

For further information, email the PRIDE Coordination Core
Location: Washington University in St. Louis, St. Louis, Missouri
PI: Treva Rice, PhD

Or directly contact the Summer Institute Training Program of your choice.

PRIDE Alum Programs:

Comparative Effectiveness Research
Location: University Columbia, New York, New York
PI: Melissa Begg, ScD  MPI: Karina Davidson, PhD  MPI: Anne Taylor, MD

Mentoring Researchers in Latino Health Disparities
Location: San Diego State University, San Diego, California
PI: John Elder, PhD  Co-Director: Greg Talavera, MD
The AHD PRIDE Program was excited to host our first Summer Institute this past June at the University of Arizona. The nine members of our first Cohort joined us on June 7th and braved the desert heat during our two week session. While here they received training in grantsmanship and scientific writing, along with participating in workshops on team science and health disparities research. Our first Cohort also took a trip to the Mexican border to discuss practical issues relating to health disparities with local health care workers and community leaders.

Since leaving the summer institute, our first Cohort has had the opportunity to continue their training through a series of expanded online didactic courses. We’ve also continued our contact with them through a series of monthly webinars and virtual meetings on professional development and team science training. These efforts have been supplemented with regular contact with their mentors, with some AHD fellows reporting that they reserve half an hour a week for communicating with their mentor. Two of our fellows, Dr. Christian Bime and Dr. Tomas Nuño, are on pace for early grant application submissions. We look forward to getting everyone together again during our upcoming Tucson Mid-Year Visit.
Behavioral and Sleep Medicine

Meet the BSM Program Cohort 4 Matriculates

This year, the BSM PRIDE Summer Institute at NYU School of Medicine hosted its 4th Cohort of PRIDE scholars. A total of fourteen junior scientists from various universities across the United States and Puerto Rico took part in an intensive two-week summer training institute. The Institute is consistent with the NIH strategy to promote diversity in the academic workforce. The overarching goal of the institute is to implement and evaluate innovative approaches to improve capacity to mentor underrepresented minority faculty for successful academic careers focusing on sleep-related cardiovascular diseases.

In addition, the NYU PRIDE Institute introduced the PRIDE Peer Mentorship Initiative this summer. This initiative, under the leadership of Dr. Joseph Ravenell (BSM PRIDE Co-I and mentor) and Dr. Adina Kalet (BSM PRIDE Faculty), is designed to train successful former PRIDE scholars to become peer mentors for the new cadre of PRIDE junior faculty. Six PRIDE scholars from previous cohorts were selected to undergo one week of intensive training through the NYU’s CTSI Mentor Development Program (MDP). Led by Dr. Kalet, the MDP aims to ensure success of translational research by developing a new cadre of mentors. At the end of the training, peer mentors were paired with 2 or 3 new PRIDE scholars based on research interests. The first year of the peer-mentoring program was an absolute success. Currently, each new PRIDE scholar is receiving guidance from both a peer mentor and their assigned primary mentor.

BSM PRIDE Cohort 4 Mentees and Program Faculty —

**Back [L-R]:** Anthony Estreet, Stephanie Pickett, Lisette Jimenez, Juliet Iwelunmor, Felicia Jefferson, Chandra Jackson, Darren Moore, Dustin Duncan, Girardin Jean-Louis (PI)

**Front [L-R]:** Freddy Zizi, Tatiana Oliveira, Sabrina Pickens, Tabitha Hardy, Selena Nguyen-Rodriguez, Idia Thurston

**Not pictured:** Marie Bragg, Gbenga Ogedegbe (MPI)
The PRIDE-CGE Summer Institute Program welcomed eight junior faculty to Cohort 4 at Washington University in St Louis. Our group consisted of five men and three women and was onsite for three weeks from July 12-31, 2015. The program started with a Primer in Epidemiology and Biostatistics, followed by many survey lectures, Library Information including journal searches, Endnote and the New NIH Biosketch, and daily grant development and brainstorming among mentees and mentors. The mentees were presented with information from NHLBI on grant writing as well as lectures and workshops with WUSM faculty and an internal grants-writing expert. Mentees were also connected with an NHLBI officer to discuss their individual grant plans. The Cohort focused on Fundamentals of Genetic Epidemiology, heard details about various research studies where they may obtain data for their studies, and toured a Phenotyping Laboratory with a volunteer subject showing results using the equipment. Those who were interested toured the Mouse Cardiovascular Phenotyping Lab in the Animal Facility. Other topics covered were Epigenetics; Hypertension, Hypertensive Heart Disease and Genetics; The Role of Genomics in Complex Disease; and Race, Ethnicity, Genetics, and Health Disparities. For some fun and networking, the mentees visited the St Louis Zoo and attended the Lantern Festival at the Missouri Botanical Garden.

The PRIDE Mid-Year Meeting will be held on January 13-14, 2016. It will include individual meetings with their mentors and a Mock Study Section.

**CGE PRIDE Cohort 4 Mentees and Mentors —**

*Back [L-R]:* Linda Schreier (PM), Victor Davila-Roman (MPI), Mike Province, Ting Wang  
*Middle [L-R]:* Susan Racette, Mario Rico, Cheryl Cropp, Marcos Sanchez-Gonzalez, DC Rao (PI), Lisa de las Fuentes, Aldi Kraja  
*Front [L-R]:* Hyacinth Hyacinth, Amanda Garza, Andre Williams, Junenette Peters, Julius Ngwa

[Continued on next page.]
**Cardiovascular Genetic Epidemiology**

**CGE Program Shares Mentees’ Accomplishments**

In the Spotlight:

**Jacquelyn Taylor, PhD, PNP-BC, RN, FAAN**, is an associate professor of nursing at Yale University and an alumna of Cohort 1 of the SIPID Program (2007-2008) and the Robert Wood Johnson Foundation (RWJF) Nurse Faculty Scholars program (2008-2012). She recently received a $3.4 million R01 grant “Identifying the Causes of a Persistent Health Disparity: High Blood Pressure Among African-Americans” from the National Institute of Nursing Research, the National Institutes of Health, to conduct a large-scale study on the influence of genetic and psychological factors on high blood pressure in African-American women and children.

**Vivian Kawai, MD, MPH**, is a Research Instructor in the Division of Clinical Pharmacology at Vanderbilt University School of Medicine and an alumna of Cohort 2 of the PRIDE Program (2012-2013). She recently received a K23 grant “Pharmacogenetic Determinants of Variability in Response to Glucocorticoids” from NIGMS.

**Dale Hardy, PhD**, is an Assistant Professor in the Department of Clinical and Environmental Health Sciences at Georgia Regents University and an alumna of Cohort 3 of the PRIDE Program (2013-2014). She received a $25,000 CHEST Diversity Committee Minority Investigator Research Grant “Racial Disparities in Early Palliative Care Within Sociogeographic Regions for Elderly Patients with Lung Cancer.”
CVD Program Welcomes Cohort 4 Matriculates

On Monday July 20th 2015, Dr. Mohamed Boutjdir, the Director of the Program to Increase Diversity among Individuals Engaged in Cardiovascular Health-Related Research (PRIDE-CVD) welcomed Cohort 4 to SUNY Downstate Medical Center for year 1 of the Summer Institute going through 2018. Twelve junior faculty scholars underrepresented in biomedical sciences from across the country were accepted to the program and traveled to Brooklyn, NY to attend an intensive two-week curriculum in cardiovascular health disparities, grant writing and career development. The program ran from July 19th to July 31st 2015. The scholars received a warm welcome from Dr. John Williams, the President of SUNY Downstate, Dr. Carlos Pato, the Dean of the School of Medicine, and Dr. Moro Salifu, the Chair of the Department of Medicine.

This summer we added several new seminars to our curriculum. For example, Dr. LeConte Dill gave a talk on Qualitative Methods that broadened understanding of the ways to collect data that would explain the “hows” and “whys” of the research topics. Ms. Jenn Shirkani gave an immersive discussion on Emotional Intelligence as a Predictor of Professional Success that shed some light on identifying behavior that would enhance or detract one’s career performance.

Overall, it was a very productive two weeks that focused and refined our scholar’s research topics. We eagerly anticipate much progress will be on display when we meet again in November for our Mid-Year meeting in Orlando, FL.
Cardiovascular Health-Related Research

Photos from CVD Program 2015 Summer Institute

Dr John Williams, the President of SUNY Downstate

Dr Carlos Pato, the Dean of the School of Medicine

Dr Moro Salifu, the Chair of Medicine Department during the welcoming session
Functional and Translational Genomics of Blood Disorders

FTG Shares Networking Experiences and Success of 2015 Summer Institute

Summer Institute I of the PRIDE-Functional and Translational Genomics of Blood Disorders Program (FTGBD) took place at Georgia Regents University from July 6-22, 2015. We had an amazing kickoff with Cohort 4 mentees comprised of ten talented women from institutions across the US. A Welcome Ceremony was well-attended by the Interim President, Dr. Gretchen Caughman, Cancer Center Director, Dr. Samir Khleif, officials from the upper administration, and PRIDE mentors and teaching faculty.

We have established Mentorship Teams consisting of the PRIDE research and home institution academic mentors. A Peer-Mentorship Laboratory was launched where mentees established agreements, with accountability towards mutual enhancement of career development. Our Summer Institute I curriculum featured lectures on functional and translational genomics, clinical databases, allied health, clinical trials and sample collection. We continued to teach hands-on bench techniques including microarray, gene expression, and flow cytometry. Grant-writing skills were taught by Dr. Rita Sarkar along with technical writing, NIH biosketch, Specific Aims workshop and design of Individual Career Development Plans.

Mentees recent successes include: Dr. Sharon Singh (Cohort 1), Feinstein Institute for Medical Research, received the Sybil Sternlieb Research Innovation Award from Advancing Woman in Science and Medicine; Dr. Bianca Garner (Cohort 4) at the University of Mississippi Medical Center was promoted to full professor with tenure; and Dr. Patricia Silveyra (Cohort 4) was appointed Interim Director for Diversity and Inclusion at the Pennsylvania State University College of Medicine.
HBCU-PRIDE

HBCU-PRIDE Introduces its 2015 Summer Institute Matriculates

HBCU PRIDE held its inaugural summer institute in June with eight mentees who traveled to Jackson, MI, from institutions located in the northeastern, mid-Atlantic, and southern regions of the United States. This group of scholars represented multiple disciplines including nutrition, mass communications, social work, clinical psychology, pharmacy, and public health. Mentees were able to leverage the intense training in obesity research, data collection, data analysis, intervention development and research methods to start new projects or complete existing ones.

Dr. Lori Ward submitted a manuscript to a journal and has recently received a revise and resubmit decision. Dr. Fiona Lewis recently submitted an intramural grant at her university is waiting for a decision. Drs. Paul Archibald and Krista Mincey have recently published manuscripts in peer-reviewed journals. Dr. Archibald has been particularly productive in recent months as he contributed three chapters in Social Work Practice with African Americans in Urban Environments. Dr. Dawn Thurman also published a chapter in the aforementioned edited volume, "Research with Urban African American Adolescents and Emerging Adults: Implications for Quasi-Community Based Participatory Research and Community Action Research". Kudos are due to Dr. Shani Collins as she recently finished and published her first book, The SHE Devotional: Daily Inspirations for a Woman’s Spirit Health and Emotions. Drs. Maryam Jernigan-Noesi and Monica Flippin-Wynn also deserve recognition as Dr. Jernigan-Noesi in her first semester as an Assistant Professor at the University of Saint Joseph while Dr. Flippin-Wynn has been promoted to an Associate Professor with tenure at Jackson State University. This group is setting a high bar of achievement for others to follow!
Research in Implementation Science for Equity

UCSF-RISE

RISE PRIDE Program is off to great start!

The Institute of Medicine states that “It is in the Nation’s compelling interest to have a diversified health professional workforce and a diversified workforce focused on improving the Nation’s health.” The UCSF Research in Implementation Science for Equity Program (RISE) sponsored by the National Heart, Lung, and Blood Institute (NHLBI) aspires to enhance the training and career development opportunities for junior faculty underrepresented in the biomedical sciences pursuing research careers in cardiovascular or pulmonary diseases. The RISE program is part of NHLBI’s Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE) – a national initiative to provide career advancement opportunities for junior faculty underrepresented in the biomedical sciences. The RISE program is unique in that it is not disease-specific and instead provides methodological training in Implementation Science (ImS), a set of methodologies that will enhance the ability of trainees to conduct innovative research, and is accessible to researchers with broad expertise.

The first RISE Summer Institute got off to a great start with an outstanding group of 12 scholars who joined the program from across the US. Out of the 12 scholars, there were 8 PhDs and 4 MDs with research interests varying from implementing a health equity initiative for pulmonary disease management to finding innovative ways to implement screening and treatment interventions in underserved environments to using a health equity framework to improve chronic disease management in safety-net populations. This is a snapshot of the rich backgrounds and research interests of the RISE scholars.

The RISE scholars spent two weeks over the summer (July 27 through August 7, 2015) at the University of California, San Francisco, attending Implementation Science courses, participating in writing and career advancement seminars, and one-on-one sessions with their primary mentors. Lunch-time sessions featuring minority faculty experts in cardiovascular and pulmonary diseases from the UCSF community were held for the RISE scholars. Dr. Talmadge King, Dean of the UCSF School of Medicine, shared his experiences of being a minority faculty and how his life trajectory shaped his career. Dr. Esteban Burchard, an expert in genetics and asthma, shared his experience of being Latino, growing up in San Francisco’s Mission neighborhood and then going to Harvard, and what that was like for him. The RISE scholars found these sessions thought-provoking and inspiring!

Here are some quotes from the scholars on their first RISE Summer Institute experience:

“Best run program I have ever attended. The lectures, on the whole, were excellent quality, very informative, and there were a lot of great speakers, leaders in the field, like Larry Green and Joe Guydish!! Awesome to meet them, as well as Michele Albert and Talmadge King. Plus, at the reception the first night I met Norm Anderson. These were definitely highlights of the program.”

“Really, really enjoyed the program, the components of it, the staff, the faculty, as well as the opportunities to get to know my peers. I am enthused by all the knowledge I gained as well as the support from everyone. As an academic of color, it is not often that I get to participate in programs like PRIDE-RISE, where I feel that I am being provided the resources to be successful in a myriad of ways in my career. I wholeheartedly enjoyed all aspects of the program.”

“The program far exceeded expectations. Very committed faculty who are excellent teachers, great group of peers.”

The RISE scholars and faculty will meet again in December 2015 at the Academy of Health Dissemination and Implementation for Health conference in Washington, DC.

[Continued on next page.]
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Meet the Mentees and Faculty of the RISE PRIDE Program

Back [L-R]: Kirsten Bibbins-Domingo (PI), Adithya Cattamanchi (Co-I), Tiffany Carson, Akilah Keita, Adrian Aguilera, Isaretta Riley, Nathalie Moise, Jessica Peña, Susan Brown, Margaret Handley (MPI), Fred Semitala (visitor from Uganda – not part of RISE), Alicia Fernandez (MPI)

Front [L-R]: Charles Jonassaint; Kristine Molina, Kerri Vanderbom, Crystal Cene

Walk on the Embarcadero —
[L-R]: Kerri Vanderbom, Jessica Peña, Ashley Butler, Nathalie Moise, Adrian Aguilera, Margaret Handley, Charles Jonassaint, Kristine Molina, Tiffany Carson, Susan Brown, Akilah Keita, and Crystal Cene
News from our PRIDE Alum Programs

Comparative Effectiveness Research

PRIDE 1 Program CER Congratulates Cohort 3 Alumna Dr. Larissa Jennings

Larissa Jennings, PhD, MHS, is currently a recipient of a K01 from NIMH, entitled “Integrating microenterprise and behavioral economics for HIV prevention in African-American young adults.”

Since she became a PRIDE scholar, Dr. Jennings has published 16 peer-reviewed journal articles. She also received an HIV Prevention Trials Scholars Award, a teaching award, and a NIMHD Loan Repayment Award in Health Disparities Research. Dr. Jennings is grateful for PRIDE’s support and in her words ...

“PRIDE has been one of the most influential programs to date in my post-graduate career. The methods courses in epidemiology, cost-effectiveness, and biostatistics helped to expand my analytical skills which I have now used in my manuscripts and grant proposals. I also tremendously benefited from the grantsmanship guidance and writing instructors, including workshops on preparing for a career development award, honing specific aims, and working with NIH officers. My PRIDE mentors and many of the participating junior faculty in PRIDE were also extraordinarily supportive. I always felt inspired, and appreciated the seed funding available to facilitate launching new ideas. Thanks PRIDE!”
Monik Jiménez is one of a number of alum from this program who continue to make us proud.

The PRIDE Program for Mentoring Researchers in Latino Health Disparities is very excited to feature one of our Cohort 1 Alumna - Monik Jiménez, Sc.D.

Dr. Jiménez is an Instructor in Medicine at Brigham and Women's Hospital. She was selected as one of many applicants to this highly competitive program during its first Cohort. Her research interest was in “hormonal risk factors for stroke among women” and “the inter-relation between fat derived hormones, sex hormones and their role on stroke etiology.” She had also “worked extensively in exploring connections between oral and systemic diseases and disparities by race / ethnicity.” Additionally, she stated “oral health disparities among Latino populations as a strong research interest.” All of these made Dr. Jiménez a good fit for the PRIDE Program for Mentoring Researchers in Latino Health Disparities.

Monik has excelled in many ways, only one of which was brought to our attention in the past year. The article “Prevalence of periodontitis according to Hispanic or Latino background among study participants of the Hispanic Community Health Study/Study of Latinos” first-authored by Monik was featured in the August 2014 issue of JADA. This is a major achievement!
The primary goal of the Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE) is to encourage scientists and research-oriented faculty from diverse backgrounds to further develop their research skills and to gain experience in advanced methods and experimental approaches in basic and applied sciences relevant to heart, lung, blood, and sleep disorders.

Standing [L-R]: Girardin Jean-Louis (BSM), Juan Gonzalez (FTG), Kirsten Bibbins-Domingo (RISE), Francisco Moreno (AHD), Victor Davila-Roman (CGE), Marino Bruce (HBCU), Keith Norris (HBCU), Mohamed Boutjdir (CVD)

Seated [L-R]: Margaret Handley (RISE), Josephine Boyington (NHLBI), Betty Pace (FTG), Bettina Beech (HBCU), Treva Rice (PRIDE CC)

Not pictured: Sonia Arteaga (NHLBI), Alicia Fernandez (RISE), Joe GN “Skip” Garcia (AHD), Donna Jeffe (PRIDE CC), Gbenga Ogedegbe (BSM), DC Rao (CGE)

PRIDE Programs Funded by the National Institutes of Health / National Heart, Lung, and Blood Institutes

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For more information go to: www.biostat.wustl.edu/pridecc/
Programs to Increase Diversity (PRIDE) is a consortium of NHLBI-funded Summer Institute Training Programs for Junior Faculty.

- Each Summer Institute Training Program has the common goal of increasing the diversity among individuals who are engaged in health-related research
- Each Summer Institute Program has a unique, specialized research focus, as described on page 2, Summer Institute Training Programs

Eligibility Requirements  PRIDE Pre-Application Form

To be eligible to participate in a PRIDE Summer Institute Training Program, you must:

- be a junior-level faculty member or scientist holding a doctoral degree, such as a PhD, MD, DO, DVM or a *transitioning post-doctorate trainee
- be from a minority group that is under-represented in the biomedical or health sciences
- be a United States Citizen or Permanent United States Resident
- have a research focus that is centered on heart, lung, blood, or sleep disorders research; health disparities research relevant to heart, lung, blood, or sleep disorders; or relevant research methodologies and approaches specific to these areas

*Transitioning means that you have or will have received a formal faculty appointment by the time the Summer Institute Program convenes.

General Program Structure

- All expenses paid for a 3-week (on average) Summer Institute Training Program for two consecutive summers
- Year-long mentoring experience with recognized experts in the field
- Didactic course-work and hands-on practical training
- Specific training and coaching in grant-writing skills
- Mid-year meeting
- Annual Conference in Bethesda, Maryland