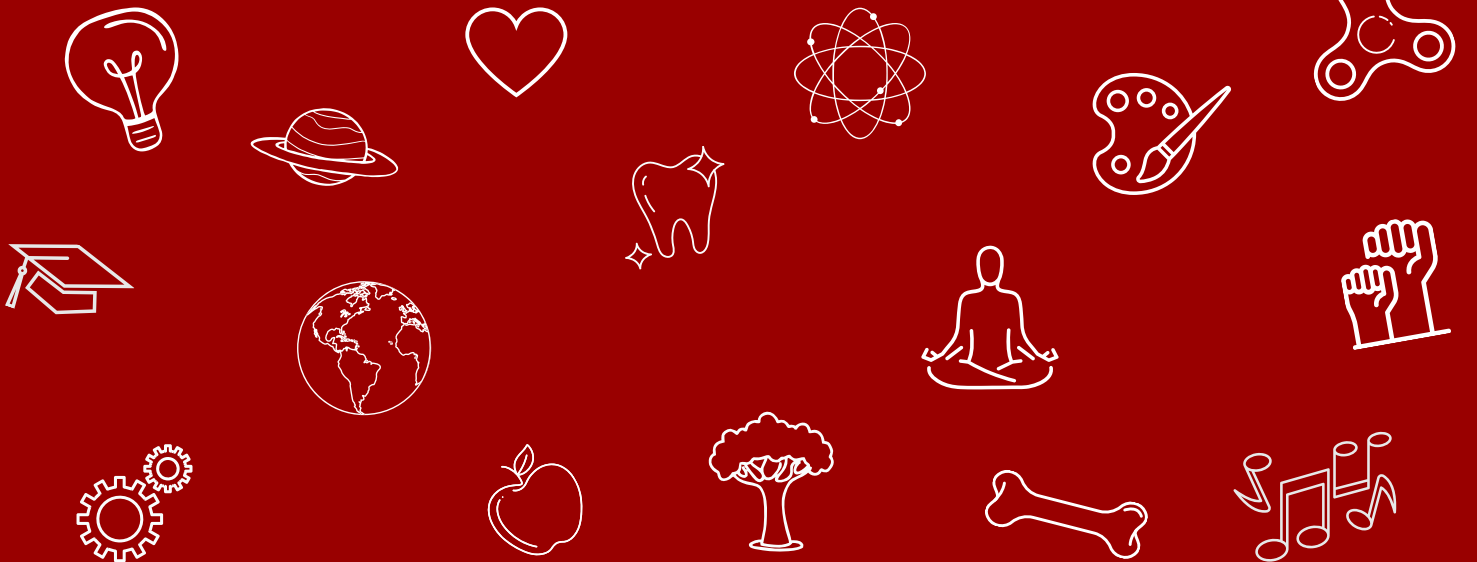
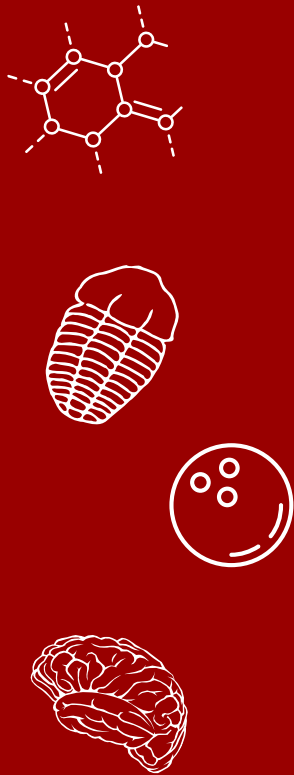


**CENTER FOR
INCLUSIVE
EDUCATION**
STONY BROOK UNIVERSITY
SUMMER/FALL 2022



Center for Inclusive Education
Stony Brook University
2401 Old Computer Science Building
Stony Brook, NY 11794



LETTER FROM THE DIRECTOR

BY KARIAN WRIGHT



"All that you touch, you change. All that you change, changes you. The only lasting truth is change." Octavia E. Butler

Welcome to the CIE Summer/Fall 2022 Recap Magazine! We are excited to share some of our recent accomplishments, as well as the accomplishments of our exceptional scholars. As we reflect on the many shifts and changes over the past year, we are grateful that our core work remains the same: supporting our scholars and working toward making graduate education accessible and equitable for all. Special thank you to all of the scholars, faculty, administrators, and external collaborators who have supported us through our triumphs and challenges. This work is only possible with you.

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LETTER FROM THE VICE PRESIDENT FOR EQUITY & INCLUSION

BY JUDITH BROWN CLARKE, PHD

Reflecting on 2022, I could not be prouder of the cutting-edge research, outstanding teaching, and engaged scholarship and service of our CIE students, faculty, staff, and alumni. The past year was filled with transition and challenges, yet we still managed to stay connected and find moments of joy. Let us use that same strength and resiliency to make this new year one of success, growth, and new impacts. I look forward to continued partnership in our quest for deep transformational impacts that are powerful and create long-lasting changes that have a positive effect on individuals, communities, and entire societies.



Doctors in the House

Congrats to our new graduates!

May 2022

Master of Arts

Anna McPherran
Ecology and Evolution

Doctor of Philosophy

Noele Doreen Certain
Molecular and Cellular
Pharmacology

Gregory Lella
History

Adelle Molina
Marine and Atmospheric Sciences

Josue Nassar
Electrical Engineering

Doctor of Medicine

Valjean Raiden Bacot-Davis
Medicine-Pediatrics - SBU

Lilian Cruz
OBGYN - Jamaica Hospital

Laura Generale
Pediatrics - Wake Forest Baptist

Leslie Denise Peralta
OBGYN - UNC

December 2022

Doctor of Philosophy

Ana Paula Delgado
Genetics

Spotlight

Congratulations to our scholars on their exciting accomplishments!



Brianna Gonzalez

Brianna Gonzalez had the incredible opportunity to visit the University of Ghana in Accra, Ghana, for three weeks in January. Supported by her advisor, Turhan Canli's Dana Foundation Planning Grant, she worked on a wide variety of projects involving teaching, science communication, and exploring the connections between neuroscience and society in the country. Her trip's highlights included meeting with traditional healers and herbalists, leading a research methods and proposal workshop, and being part of the Ghana Brain Bee.



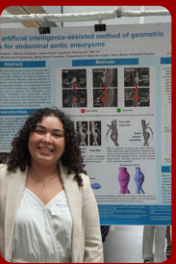
Jennifer Blackwell, PhD

Dr. Blackwell's research as an IRACDA postdoc investigated taste perception in a mouse model of frontotemporal dementia. Upon completing her IRACDA Fellowship, Dr. Blackwell accepted a Neuroscience Education Program Manager position at Brown University.



Paola García Polanco

Paola García Polanco participated in the Summer 2022 REU Nanotechnology Program, where she completed research under Dr. Wei Yin in Biomedical Engineering. Paola was accepted to present her research at the 2022 SACNAS Conference in San Juan, Puerto Rico.



Sheed Itaman

Sheed Itaman, IMSD Scholar in Neuroscience, received a prestigious R36 Dissertation Award from the NIH for using endogenous barcoding to study neural stem cells in Alzheimer's disease.



Stephanie Taboada

Stephanie Taboada, current AGEP and GEM Fellow in Chemical Engineering, was accepted into the National Science Foundation's Innovation Corps, an immersive, entrepreneurial training program that facilitates the transformation of invention to impact.



Welcome to the world, Jaxon Vaughn Greene!

Dr. W. Burghardt Turner and Bridge to the Doctorate Fellow, Vaughn Greene, Jr. and his wife Cheriann had an unexpected guest crash their vacation to Barbados this Christmas. The couple welcomed baby boy Jaxon Vaughn Greene on 12/25/22 at 7:50am. Congratulations to the proud parents!



Josue Nassar, PhD

Turner Dissertation Fellow and recent graduate, Josue Nassar, PhD, Department of Electrical and Computer Engineering, was a finalist in the Chancellor's Distinguished PhD Dissertation award contest, with his dissertation "Bayesian Machine Learning for Analyzing and Controlling Neural Populations." Congrats, Dr. Nassar!



CIE Diversity Recruitment Recap

The CIE was thrilled to return to in-person graduate recruitment activities in Fall 2022. A team of CIE staff, graduate students, and faculty began the recruitment season in San Juan, Puerto Rico, in October, where they met with prospective graduate students, postdoctoral trainees, and undergraduate summer research participants at the University of Puerto Rico (UPR) - Rio Piedras, UPR School of Medicine, Ana G. Mendez at Cupey, and UPR-Cayey. The team then exhibited at the National Diversity in STEM Conference (formerly known as SACNAS) from October 27-29th in San Juan.

Before peak recruitment season in the fall, the CIE hosted a campus visit from the CUNY Black Male Initiative (BMI) on August 3rd. Students from NY City Tech, York College, Hostos Community College, and Brooklyn and Queens Colleges attended a CIE Graduate Student Panel and toured Stony Brook University. The following month we welcomed 35 prospective graduate students from various universities, including Stony Brook, for Graduate School Preview Day. The CIE was thrilled to have graduate program faculty, staff, and current CIE scholars share their admissions best practices, program nuances, and insight into the PhD experience.

The CIE also collaborated with Will Mack, a PhD Candidate in History, and Dr. W. Burghardt Turner Fellow, who was selected as an IDEA Fellow to assist the Graduate School with diversity graduate recruitment initiatives. Will coordinated in-person and virtual visits to CUNY Brooklyn College, CUNY Lehman College, and New Jersey City University. The NJCU visit was made possible with the help of Dr. Ángel González, Turner Alumnus and previous Turner Program Manager in the CIE! Other campus visits included the University of Maryland - Baltimore County, New Jersey Institute of Technology and CUNY John Jay College of Criminal Justice.

Overall, the CIE engaged nearly 130 prospective students over the course of the 2022 recruitment cycle - and have received 25 graduate applications to date as a result of these efforts. We look forward to welcoming the 2023 cohort of CIE scholars later this year!

CIE Recruitment Team at ABRCMS Conference in Anaheim, CA



From Left: Karian Wright, CIE Director, Dr. Jennie Williams, RSOM; Dr. Lonnie Wollmuth, Neurobiology and Behavior, and Vaughn Greene, Jr. PhD Candidate in Biomedical Engineering and Turner Fellow

CIE Recruitment Team at the National Diversity in STEM Conference (SACNAS) in San Juan, Puerto Rico



Hanna Morales Hernandez, PhD Candidate in Chemistry and Turner Fellow, with Dr. Walter Mucher, faculty member at University of Puerto Rico - Cayey and Turner Alumnus!



Top Row: Dr. Jennie Williams, RSOM; Hanna Morales Hernandez, PhD Candidate in Chemistry and Turner Fellow, and Dr. Maria Fernandez-Serra, Physics and Astronomy/IACS

Bottom: Dr. Miguel Garcia-Diaz, Molecular and Cellular Pharmacology, and Rosalia Davi, CIE Program Manager

Wellness @CIE

Racial/ethnic, gender, and sexual minorities often suffer from poor mental health due to inaccessibility to health services, the cultural stigma surrounding mental health, discrimination, and lack of awareness. Most universities offer a significant amount of mental health resources and programming for undergraduate students, but miss the mark with graduate students and postdocs. Supporting graduate students with these concerns is crucial for their overall success and it is our responsibility to support them (Wang et al., 2020). The CIE is dedicated to supporting scholars and providing them with resources to build a wellness toolkit.

Stimulation (Stim) toys can help with mindfulness, focus, and emotional balance. The CIE has now added a Stim Cart to our space! Whether you come by for an event or to get some work done, grab one of our many fidget toys. Both our scholars and staff have found these tools immensely useful for stress relief and blocking out distractions!
An art cart will be added Spring 2023!



On December 6th, an Art Therapy Event was facilitated by Tracy Radvick, PhD Student in Psychology, and John Van Houten, fine artist and instructor. Scholars learned about the principles of art therapy and participated in several activities to promote grounding, mindfulness, and artistic expression.

CIE EVENT RECAP

Summer and Fall 2022

A Conversation on Anti-Racism with Dr. Ebony McGee

On September 22nd, author of *Black, Brown, Bruised: How Racialized STEM Education Stifles Innovation*, Dr. Ebony Omotola McGee joined us over Zoom for a candid conversation on how racial and race-gendered stereotyping disrupts the career trajectories of "STEMers of color." Dr. McGee provided sustainable actions for faculty and staff to create equitable and inclusive environments where all can feel a sense of belonging, authenticity, and cultural expression and thrive academically and socially.



BLACK, BROWN, BRUISED: HOW RACIALIZED STEM EDUCATION STIFLES INNOVATION

Join us for a conversation with **DR. EBONY OMOTOLA MCGEE** on how racial and race gendered stereotyping disrupts the career trajectories of STEMers of color. Dr. McGee will detail sustainable actions that historically racialized STEM institutions should take to create equitable and inclusive environments. In these spaces, URM STEMers can feel a sense of belonging; where they are fully authentic, culturally expressed, and can see themselves as thriving in their chosen disciplines.

September 22
12:30pm - 2:30pm

RSVP FOR ZOOM LINK:
bit.ly/DrMcGee22



TURNER GAME NIGHT

On December 8, 2022, First Year Turner Fellows enjoyed a much-needed break from research, teaching, and studying at our CIE Game Night. Conversation flowed over Uno, Dominoes, and a rowdy game of Pictionary.

Pictionary winning team: Samantha Corley, Hannah Morales, Sam Chen, and Grace Wivell

RESEARCH CAFE

On Thursday, October 13th, Daneele Thorpe, PhD Candidate in Clinical Psychology, and Dr. W. Burghardt Turner Fellow, discussed her research on "Exposure to Community Violence and Parenting Behaviors: A Meta-Analysis."

Daneele began her presentation by explaining that growing evidence suggests that the neighborhood environment influences how parents behave toward and interact with their children. Daneele then presented her research which assesses the magnitude of the association between community violence and parenting behaviors (i.e., positive parenting, harsh/neglectful parenting, parent-child relationship quality, and parents' control of children's behaviors) and examines potential moderators of this association.



WELCOME BACK BBQ

On August 24th, the CIE hosted its annual Welcome Back BBQ. It is always great to welcome back current scholars and introduce new ones to our community and extended family. The event is filled with great food and fun activities, all while connecting with colleagues and friends.



HISPANIC HERITAGE MONTH



In Celebration of Hispanic Heritage Month, Alejandra Estrada, Turner Fellow in Psychology, taught the CIE community the cultural and familial significance of tortillas while demonstrating how to make them by hand.

PHOTO DAY

Each year CIE Photo Day is one of the largest gatherings of the CIE community. Students, faculty, and staff come together to take the annual CIE photo while wearing the newest CIE swag. Modeling made everyone hungry, so photos were followed by a catered lunch from Island Empanada.



CIE SUMMER SOCIAL



The 2022 REU Nanotechnology participants were introduced to the larger CIE graduate scholar community at the Island Empanada Social. Over delicious food, REU participants connected and networked with CIE graduate scholars about research interests, career paths, and conference opportunities.

The Dr. W. Burghardt Turner Fellowship Program

The Dr. W. Burghardt Turner Fellowship celebrated its 35th anniversary in Fall 2022! We were thrilled to mark this special occasion with our traditional Turner Welcome Dinner, back in person for the first time since Fall 2019. Dr. Ángel González, Turner Alumnus and former CIE Program Manager, returned to deliver a keynote speech that epitomized the Turner motto of "Once a Turner, Always a Turner." He welcomed new Turner Fellows and encouraged continuing Turner Fellows to keep going - and offered his support in the event they felt like giving up. It was a beautiful tribute to "Burg" Turner and his tireless efforts to advocate for higher education and civil rights. Dr. González is now the Associate Dean for Inclusion and Diversity and Assistant Professor at UT Health San Antonio.

The Dr. W. Burghardt Turner Fellowship is a graduate fellowship program for historically marginalized and underrepresented students pursuing graduate or medical degrees in a variety of disciplines at Stony Brook University. The fellowship is funded by the SUNY Office of Diversity, Equity and Inclusion.

Project Director

Karian Wright, Assistant Dean for Diversity & Inclusion, Graduate School Director, Center for Inclusive Education

Project Co-Director

Judith Brown Clarke, Vice President for Equity & Inclusion and Chief Diversity Officer

Program Manager

Rosalia Davi, Program Manager, Center for Inclusive Education



On Wednesday, October 5th, 2022, we returned to The Old Field Club in East Setauket for our annual Dr. W. Burghardt Turner Fellowship Welcome Dinner for 2022 Fellows. It was an evening of delicious food, inspirational conversations, and community building!

Introducing our newest Turner Fellows

2022 Cohort



Carlos Ventura
Chemistry



Chantelle Roulston
Clinical Psychology



Adebayo Braimah
Computer Science



Evan Abreu
Ecology & Evolution



Brandon Banarsi
Electrical &
Computer
Engineering



Lizzie Belnap
English



**Christina Hurtado-
Pierson**
History



Jennifer Tepan
Integrative Neuroscience



Maria Elizabeth Garza
Linguistics



Adriana DiBua
Molecular & Cellular
Pharmacology



Delano Bell
Music



Samantha Corley
Social & Health
Psychology



Gabriella Simpson
Women's, Gender, &
Sexuality Studies

2022 Turner Dissertation Fellows



Jacob Jones
Applied Mathematics
& Statistics



Eduardo Bravo
Chemistry



Carlos Bicas
Geosciences



Grace Wivell
Linguistics



Anthony Stapon
Molecular & Cellular
Pharmacology



Priscilla Yevo
Neuroscience

2022 Ferguson Merit Award Recipients



Jennifer Guevara
Dental Medicine



Marie Françoise Millares
Materials Science & Chemical
Engineering



Sintia Escobar Avelar
Medicine

Current Turners

College of Arts and Sciences

David Acevedo
Rocco Amorosso
Madison (Madin) Anae
Stephan Brandt
Kailee (Kai) Breaux
Breanna Brock
Brian Brown
Chelsie Burchett
Lajhon Campbell
Alexander Davis
Alejandra Estrada
Adam Fitch
Leonard Flores
Jeffrey Gaillard
Anthony Gomez III
Hanna Morales Hernández
Jake Hook
Arthur Kock
Willie Mack
Edelmy Janice Marin Bernardez
Alicia Mendoza

Cole Moczygemba
Lauren Morrison
West Poindexter
Emily Rehbein
Jeanette Rivera Negrón
Emilia Russo
Bryan Sanchez Monserrate
Desireé (Desi) T. Self
Jamilah Silver
Danielle Smythe
Timothy (TJ) Sullivan
Abraham Teklu
Courtney Tello
Daneele Thorpe
Carlos Vazquez
Alexandra (Ally) Velez
Carlos Vicéns
Stephen Wrenn
Daisy Zavala
Callen Zimmerman
Lizbeth Zuniga

College of Engineering and Applied Sciences

Vaughn Greene, Jr.
Guilherme Larangeira
Alfredo Rivero
Peter Saenz

Manhattan Center for Creative Writing and Film

Micah Demby
Omani McDaniels

Renaissance School of Medicine

André Chavez
Nina Cintron Pregosin
Philip Fonseca
Jermaine Robertson
Lemise Saleh
Kenneth Serrano
Yaelin Caba Silverio

Dental School of Medicine

Noemy Espinal

Medical Science Training Program (MD/PhD)

Andrea Arreguin
Santiago Espinosa de los Reyes

Turner Awards

Turner Summer Research Awards

Fernando Amador II
Andrea Arreguin
Breanna Brock
Chelsie Burchett
Anthony Gomez III
Vaughn Greene, Jr.
Delicia Kamins
Willie Mack
Emily Rehbein
Jamilah Silver
Danielle Smythe
Daneele Thorpe
Carlos Vazquez
Daisy Zavala

Turner Academic Year Award

Jamilah Silver

Turner Travel Awards

Fernando Amador II
Yaelin Caba Silverio
Alejandra Estrada
Anthony Gomez III
Delicia Kamins
Jermaine Robertson
Jamilah Silver
Timothy (TJ) Sullivan



Southern Regional Education Board (SREB) Doctoral Scholars Fellowship

The Southern Regional Education Board (SREB) Doctoral Scholars Fellowship offers awards to underrepresented minority scholars who are pursuing a PhD and plan to become college and university professors. Each year, SREB Scholars are funded to attend the Institute on Teaching and Mentoring, a four-day conference and the largest gathering of minority doctoral scholars in the country. The Institute gives the issue of faculty diversity a national focus and provides minority scholars with the strategies necessary to survive the rigors of graduate school, earn the doctoral degree, and succeed as members of the professoriate.

2022 SREB Scholars



Sixto Taveras Lopez
Ecology & Evolution



Daneele Thorpe
Clinical Psychology



Vanessa Carter
Molecular & Cellular Pharmacology

2021 SREB Scholars

Chelsie Burchett
Psychology

Edelmy Marin Bernandez
Chemistry

Faniya Doswell
Molecular & Cell Biology

The National GEM Consortium Fellowship

The mission of The National GEM Consortium is to enhance the value of the nation's human capital by increasing the participation of underrepresented groups (African Americans, American Indians, and Hispanic Americans) at the master's and doctoral levels in engineering and science.

Through collaborative relationships between universities and industry, GEM's program provides graduate student fellows with academic and internship experience to best prepare students for careers in engineering and science.



2022
Allen Pierre-Louis



2020
Guilherme Larangeira



2021
Jhair Alzamora



2019
Stephanie Taboada

IMSD-MERGE

Initiative for Maximizing Student Development - Maximizing Excellence in Research for Graduate Education

The Stony Brook University Initiative for Maximizing Student Development - Maximizing Excellence in Research for Graduate Education (IMSD-MERGE) Program aims to increase the number of underrepresented and disadvantaged students completing highly productive biological and biomedical science degrees at Stony Brook University, and prepare them for seamless advancement into successful research careers. IMSD-MERGE is now a T32 Training grant available to graduate students in nine different programs in the biomedical sciences, including Ecology & Evolution, Chemistry, Molecular Biology, Neurobiology, Microbiology, and Biomedical Engineering. IMSD-MERGE is one of the many programs coordinated by the Center for Inclusive Education at Stony Brook University and is funded by the National Institutes of Health (NIH).

Program Director and Principal Investigator

Dr. J. Peter Gergen, Professor, Department of Biochemistry and Cell Biology; Director, Center for Developmental Genetics; Director, Undergraduate Biology

Co-Principal Investigators

Dr. Jennie Williams, Assistant Dean For Student Diversity and Aligned Pre-doctoral Programs, Renaissance School of Medicine; Associate Director For Diversity, Equity, and Inclusion, SBU Cancer Center; Associate Professor, Department of Family, Population and Preventive Medicine

Karian Wright, Assistant Dean for Diversity & Inclusion, The Graduate School; Director, Center for Inclusive Education

Program Manager

Rosalia Davi, Program Manager, Center for Inclusive Education



IMSD EXCELLENCE IN MENTORING

A key component of the IMSD-MERGE program is the Excellence in Mentoring (EiM) Workshop, held annually for IMSD Scholars and their faculty research mentors. Participants learn about their preferred communication styles, the importance of active listening, how to identify and mitigate Imposter Phenomenon (IP), and more. EiM takes place once Scholars complete rotations and begin in their new lab, equipping them with a roadmap and tools for a successful mentoring relationship with their research advisors.



IMSD BOWLING NIGHT

On October 11, 2022, IMSD Scholars, PI's and CIE Staff gathered at Bowlero in Sayville for a night of friendly competition and fun! The idea for this event was generated by IMSD Fostering Inclusive Research Scientist Training (FIRST) participants, who felt that community contributed to a strong sense of belonging as a graduate student. We couldn't agree more!

IMSD-MERGE GRANT AWARDED: \$2.2M

On March 23, 2022, a press release written by Robert Emproto shared the exciting news that the Center for Inclusive Education was awarded a National Institutes of Health (NIH) 5-year renewal grant worth \$2.2 million. Emproto writes, "The rates of degree completion and persistence in research careers for graduate students from underrepresented minority (URM) communities are disheartening. This underrepresentation has an additional negative impact on communities of color as URM scientists are more likely than non-URMs to study issues specific to minority communities."

"The goals of the grant are to broaden participation of students from URM backgrounds in biomedical research careers," said J. Peter Gergen, Professor, Department of Biochemistry and Cell Biology and Principal Investigator and Director of the NIH IMSD-MERGE program at Stony Brook. "These students face significant challenges that extend from financial hurdles to social issues such as implicit bias and self-efficacy."

Read the full press release here: bit.ly/IMSDPR

IMSD-MERGE Program Provides Path for Underrepresented Students in Biomedicine

March 23, 2022 6 min read



IMSD-MERGE RECEIVES SUPPLEMENT FOR INCLUSIVE RESEARCH SCIENTIST TRAINING: \$80K+

The NIH IMSD-MERGE Program received a supplement in 2021 to develop and administer the FIRST (Fostering Inclusive Research Scientist Training) Workshop. In July and August 2022, twenty five faculty and staff from IMSD-affiliated PhD programs in the biological and biomedical sciences attended the 3-part Workshop on the following topics:

- Implicit Bias, Stereotype Threat and Imposter Syndrome
- Anti-Racism: Creating a Welcoming Environment in Your Graduate Program
- The ABCs of Allyship: Accomplices, Bystanders and Constructive Conflict



The FIRST Curriculum was developed by Adam Fitch, PhD student in History & Turner Fellow, and Francesca Petronio, PhD Candidate in Women's, Gender, and Sexuality Studies, with support from CIE staff and Drs. J. Peter Gergen, Jennie Williams, and Elizabeth Boon.

IMSD-MERGE Scholars: Cohort 2



Narmin Mekawy
Neuroscience



Carlos Ventura
Chemistry



Tete Obot
Microbiology & Immunology



Colista West
Neuroscience



Daniel Wong Gutierrez
Biochemistry & Structural Biology



Adriana DiBua



Javier Anduaga

Molecular & Cellular Pharmacology

IMSD Affiliates Cohort 2

IMSD R25 Scholars

Folnetti Alvarez
Molecular & Cellular Pharmacology

Greisly Nuñez
Biochemistry & Cell Biology

Jeffrey Malgady
Neuroscience

Kennelia Mellanson
Molecular & Cellular Pharmacology

Priscilla Yevo
Neuroscience

Richard Sejour
Molecular & Cellular Pharmacology

Sheed Itaman
Neuroscience

Anthony Stapon
Molecular & Cellular Pharmacology

IMSD Scholars: Cohort 1

Karla Cardenas Avevalo
Microbiology & Immunology

Kimberly Nnah
Neuroscience

Sixto Taveras Lopez
Ecology & Evolution

Isaiah Taylor
Molecular & Cellular Pharmacology

IMSD Affiliates: Cohort 1

André Chavez
Molecular & Cellular Pharmacology

Niná Cintron Pregosin
Molecular & Cellular Pharmacology

AGEP NY-PUI Alliance

Alliance for Graduate Education and the Professoriate New York - Predominantly Undergraduate Institutions

The AGEP NY-PUI Alliance brings together Stony Brook University, Farmingdale State College, Suffolk County Community College, and federally-funded Brookhaven National Laboratory to develop, implement, study, institutionalize, evaluate, and disseminate a model focusing on career development for historically underrepresented minority (URM) doctoral students in STEM. The outcome is to successfully transition AGEP Fellows into early-career STEM faculty positions at PUIs, or who enter postdoctoral positions and then transition into early-career STEM faculty positions at PUIs. Participants in the program benefit from near-peer & alum mentoring support, professional development training, pedagogy training & mentored micro-teaching experiences.

COHORT 3

Troy Singletary

PhD Candidate
Mechanical
Engineering
*"Molecular
Dynamics and
Theoretical
Studies of
Nanoparticle
Adhesion at Solid-
Liquid Interfaces"*



Kaela Teele
PhD Candidate
Microbiology and
Immunology
*"Sur7 regulates
plasma membrane
lipid asymmetry in
Candida albicans"*



Priscilla Yevo
PhD Candidate
Neurobiology and
Behavior
*"Extrasynaptic
GABAA Receptors in
the Gustatory Cortex
and Taste-Dependent
Impulsive Behavior"*



Our Current Fellows

COHORT 1

Stephanie Taboada

PhD Candidate in Chemical
Engineering

Danielle Cervasio

PhD Candidate in Pharmacology

Adrian Hurtado

PhD Candidate in Materials Science

COHORT 2

Kehinde Cole

PhD Candidate in Integrative
Neuroscience

Brianna Gonzalez

PhD Candidate in Integrative
Neuroscience



Alliance for Graduate Education and the Professoriate
New York - Predominantly Undergraduate Institutions

Principal Investigators

Karian Wright, Assistant Dean for Diversity & Inclusion, Graduate School; Director, Center for Inclusive Education

Dr. Paulo Castillo, Assistant Professor, Department of Electrical & Computing Engineering, FSC

Dr. Wesley Francillon, Assistant Professor, Department of Engineering, SCCC

Co-Principal Investigators

Dr. Bonita London, Professor and Associate Dean for Research, College of Arts and Sciences, SBU

Dr. Mónica F. Bugallo, Vice Provost, Faculty Affairs and Diversity, Equity, and Inclusion, SBU

Dr. Christopher Malone, Associate Provost, FSC

Dr. Tracy Callender, Assistant Professor, Department of Biological Sciences, FSC

Dr. Candice Foley, Professor Emeritus of Chemistry, SCCC

Kenneth White, Manager, Office of Educational Programs, BNL

Program Coordinators

Lisa Ospitale, Program Manager, Center for Inclusive Education

Nina Leonhardt, NSF I-SUCCESS Internship Coordinator, NSF ETECH21 Evaluator & Adjunct Professor, SCCC

Research Study Assistant

Chelsie Burchett, PhD Candidate in Psychology, Stony Brook University

External Evaluator

Dr. Deborah Hecht, Director, Center for Advanced Study in Education



AGEP NY-PUI Highlights

AGEP National Conference 2022 Corpus Christi, TX

AGEP Fellows, PI Karian Wright, and Program Manager, Lisa Ospitale, traveled to Corpus Christi, TX to attend the 2022 AGEP National Conference this fall. Alliance Co-PIs Tracy Callender and Paulo Castillo from Farmingdale and Karl Clarke, Program Coordinator at Brookhaven National Lab also attended. The conference focused on advancing knowledge and understanding of models and best practices to improve pathways to the professoriate for URM doctoral students, postdocs, and early career faculty. The conference brought active alliances together to share knowledge, develop collaborations, and discuss best practices. AGEP fellows Brianna Gonzalez and Stephanie Taboada were chosen as Lighthouse Beacons, receiving

conference travel funding and a \$500 stipend. Beacons supported the conference committee in a variety of tasks including introducing workshop facilitators and presenting on a panel discussion. Karian and Lisa presented a poster titled, "Lessons Learned from Developing and Implementing a Career Development Model for Historically Underrepresented Doctoral Degree Students in STEM, Who Successfully Transition into Early-Career Faculty Positions at PUIs, or Who Enter Postdoctoral Positions and Transition into Early-Career STEM Faculty Positions at PUIs." AGEP Fellows also shared their AGEP experiences on the Engineering Change Podcast, hosted by Dr. Yvette E. Pearson.



B. K. Clarke, K. Wright, P. Yevoo, T. Singletary, T. Callender, K. Teele, B. Gonzalez, P. Castillo, F. A. Hurtado, C. Burchett, L. Ospitale, S. Taboada.



Troy & Priscilla being interviewed for the podcast



Karian at the poster presentation with AGEP Fellows Kaela, Adrian, & Priscilla.



Brianna & Stephanie, 2022 AGEP Lighthouse Beacons



AGEP Pedagogy Seminar Series

Cohort 3 participated in pedagogy seminars hosted by the Center for Excellence in Learning & Teaching. Topics included:

- Developing Your Statement of Teaching Philosophy
- Diverse and Inclusive Learning Environments
- Introduction to Scientific Teaching
- Evidence-based Teaching Practices at SCCC
- Elements of Learning Theories: Metacognition and Growth Mindset
- Effective Syllabus & Assessment (Backward Design)
- Student Populations & Institutions
- Deep Dive Into Active Learning
- Navigating Your Career in Academia and Beyond: Personal Experiences from Faculty of Color

Stony Brook IRACDA

Institutional Research and Academic Career Development Award

IRACDA, the Institutional Research and Academic Career Development Award, is a funded fellowship program for postdoctoral scholars in the biological sciences. Scholars advance their teaching skills and research experience during a 3-year mentored fellowship at Stony Brook University and minority-serving IRACDA Partner Institutions: CUNY Brooklyn College, Farmingdale College, Suffolk County Community College & SUNY College at Old Westbury.



Program Director and Principal Investigator

Dr. Carol Carter, Distinguished Professor, Department of Microbiology and Immunology

Co-Principal Investigators

Karian Wright, Assistant Dean for Diversity & Inclusion, Graduate School; Director, Center for Inclusive Education

Dr. Miguel Garcia-Diaz, Interim Associate Vice President for Research, Stony Brook University

Program Manager

Lisa Ospitale, Program Manager, Center for Inclusive Education

Partner Institution Program Coordinators

Dr. Louise Hainline, Professor, Department of Psychology, CUNY Brooklyn College

Dr. Tracy Callender, Assistant Professor, Department of Biological Sciences, Farmingdale State College

Dr. Jonathan Brockman, Associate Professor, Department of Chemistry, Suffolk County Community College

Dr. Fernando Nieto, Professor, Department of Biological Sciences, SUNY Old Westbury



Introducing our newest postdoctoral scholars

COHORT 11



Robert Burroughs, PhD

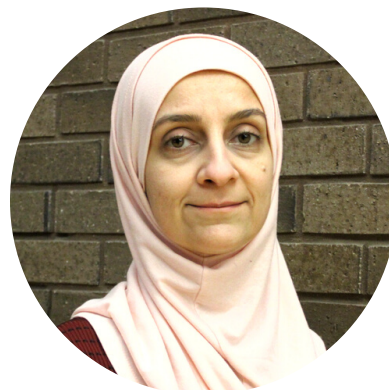
Evolutionary Biology, University of Chicago

*Dr. Burroughs' postdoctoral research in Dr. Natasha Vitek's lab focuses on using lab mice, *Mus musculus*, to investigate how environmental shifts affect changes in tooth shape and structure, thereby linking embryonic developmental processes and evolutionary biology.*

Aya Sabbah, PhD

Oral Biology and Pathology, Stony Brook University

Dr. Sabbah's current postdoctoral training in Dr. Peter Tonge's lab in the Department of Chemistry utilizes the changes inducible through photoreceptor compounds to optimize their use in different cellular mechanisms.



COHORT 9

Lisa-Marie Nisbett, PhD
Laboratory of Dr. Jessica Seeliger
Department of Pharmacological Science

Natalie Hudson-Smith, PhD
Laboratory of Dr. Elizabeth Boon
Department of Chemistry

Tanya Lama, PhD
Laboratory of Dr. Liliana Davalos
Department of Ecology & Evolutionary Biology

IRACDA Scholars

COHORT 10

Megan Mladinich, PhD
Laboratory of Dr. Erich Mackow
Department of Microbiology and Immunology

Jinnette Tolentino-Collado, PhD
Laboratory of Dr. Peter Tonge
Department of Chemistry

Benjamin A. Katz, PhD
Laboratory of Dr. Daniel Klein
Department of Psychology

IRACDA Highlights



MEDICINE UNIVERSITY

SBU's NIH IRACDA Postdoctoral Training Program Awarded \$5.5M to Renew Grant

On September 1st, the NIH renewed Stony Brook IRACDA with a grant in the sum of \$5.5 million. The grant will fund Stony Brook IRACDA for an additional five years which includes increased funding to grow the program from 15 to 20 postdoctoral scholars. In the past decade, more than 70 percent of Stony Brook University-trained IRACDA scholars have obtained tenure-track academic positions, an outcome that is much higher than postdoctoral trainees without IRACDA training. IRACDA is responsible for doubling (7.6 percent to 15 percent) the racial/ethnic diversity of the domestic postdoctoral population at Stony Brook since 2010. We are so proud to have received this renewal and can't wait to see what this grant will do for our future scholars!



CAMPUS VISITS

During late spring 2022, IRACDA Cohort 10 postdocs Megan Mladinich, Jinnette Tolentino-Collado, and Ben Katz had the opportunity to visit IRACDA Partner Institutions Suffolk County Community College and SUNY Old Westbury College. During the visits, the scholars met with faculty in their respective fields to determine which institution would best fit their desired mentored teaching experience.



IRACDA SUMMER BOOK CLUB

In 2022, IRACDA postdocs and staff participated in a pedagogical summer book club. The group decided to read *Radical Hope: A Teaching Manifesto* by Dr. Kevin Gannon and reconvene in August to discuss. The Postdocs were treated to a surprise Zoom visit by Dr. Gannon, who participated in a Q&A about his book and the future of university teaching.



IRACDA Highlights

NIH IRACDA National Conference 2022 Albuquerque, NM

In July 2022, IRACDA Postdoctoral Scholars, PIs, and Program Manager traveled to Albuquerque, New Mexico, for the annual National NIH IRACDA Conference. Under the theme “Cultivating Collaborative Communities,” the conference featured various plenary talks and breakout sessions on pedagogy, career development, and publishing. Scholars Drs. Jennifer Blackwell, Lisa-Marie Nisbett, Natalie Hudson-Smith, Megan Mladinich, Jinnette Tolentino-Collado, and Benjamin Katz presented their research posters. IRACDA Program Manager, Lisa Ospitale, presented a poster on the program outcomes of the IRACDA NY-CAPS partnership.



From left: IRACDA PI Carol Carter, Scholars Jennifer Blackwell, Jinnette Tolentino-Collado, Benjamin Katz, Lisa-Marie Nisbett, Natalie Hudson-Smith, IRACDA Program Manager Lisa Ospitale, Scholar Megan Mladinich and PI Miguel Garcia-Diaz

REU in Nanotechnology for Health, Energy & the Environment

In the Summer of 2022, Stony Brook University hosted nine undergraduate students as part of the multidisciplinary Research Experiences for Undergraduates (REU) Site in Nanotechnology for Health, Energy, and the Environment. Students spent ten weeks living on campus while working on research projects in various labs across Stony Brook. In addition to their research, participants attended a weekly Research Methods course led by AGEP and GEM Fellow Stephanie Taboada and a weekly Graduate Preparation Workshop with CIE Graduate Assistant Frankie Petronio. They also toured the lab facilities at Brookhaven National Lab (BNL) and enjoyed several community-building activities, including a paint night and sunset kayaking. Their summer experience culminated in a poster presentation at the Summer Research Program Symposium, where participants in the REU Nanotechnology Program presented their work alongside students from other Stony Brook summer research programs.

Principal Investigator

Dr. Gary Halada, Associate Professor and Undergraduate Program Director, Department of Materials Science & Chemical Engineering

Program Manager

Lisa Ospitale, Program Manager, Center for Inclusive Education

REU PAINT NIGHT

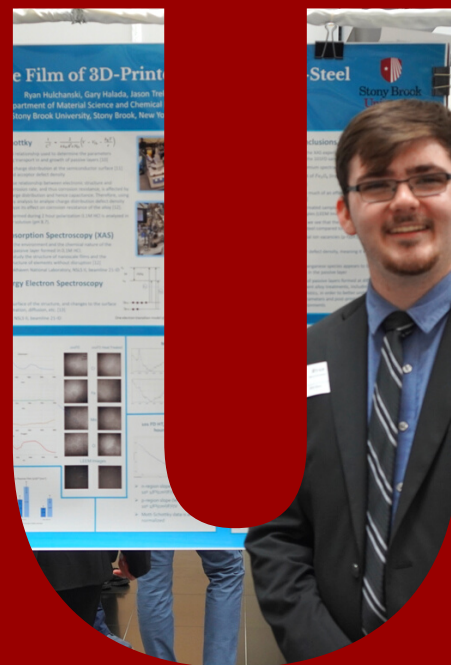


REU fellows were able to get creative while connecting with CIE scholars in order to learn more about graduate school.

REU Scholars tested their paddle abilities on a warm summer evening while watching a beautiful Long Island sunset from the water.



REU KAYAK TRIP



2022 REU Nanotechnology Scholars



Darienne Rogers
Duke University
Dr. Mei Lin (Ete) Chan
Biomedical Engineering



Diya Rai-Gersappe
Vassar College
Drs. Miriam Rafailovich & Michael Cuiffo
Materials Science & Chemical
Engineering



Jonah Torres
Suffolk County
Community College
Dr. Amy Marschlok
Materials Science
& Chemical Engineering



Lilia Bartolotta
Binghamton University
Dr. Esther Takeuchi
Materials Science
& Chemical Engineering



Paola García Polanco
University of Puerto Rico
at Cayey
Dr. Wei Yin
Biomedical Engineering



Ryan Hulchanski
Clarkson University
Drs. Jason Trelewicz & Gary Halada
Materials Science & Chemical
Engineering



Settara Dost
Middlesex County College
Dr. David Rubenstein
Biomedical Engineering



Sophia Arcena
SUNY Old Westbury
Drs. Taejin Kim & Gary Halada
Materials Science & Chemical
Engineering



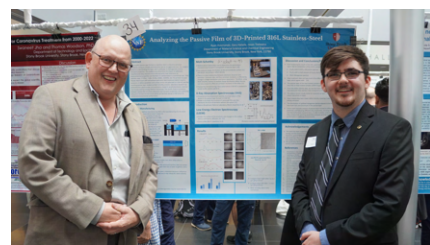
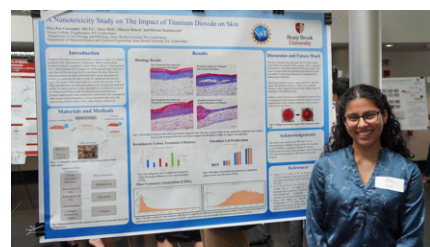
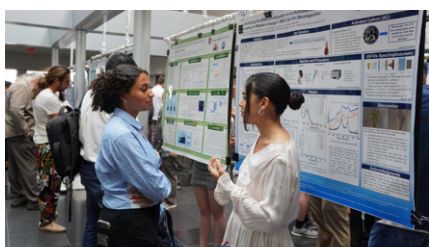
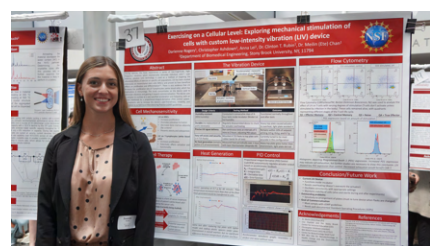
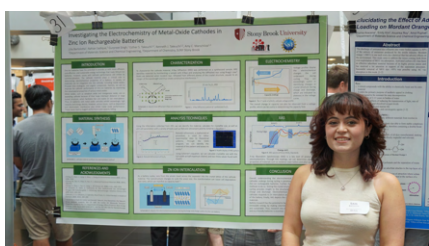
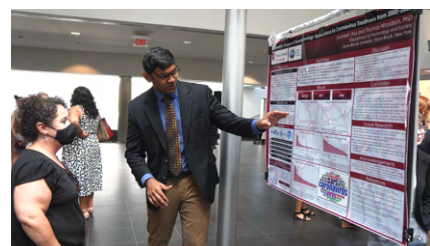
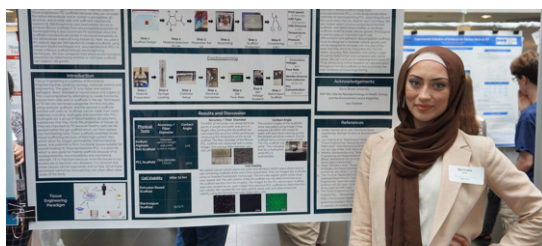
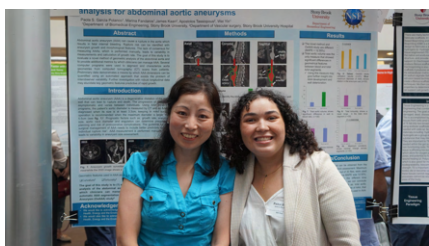
Swaneet Jha
Stony Brook University
Dr. Thomas Woodson
Technology and Society



REU: Nanotechnology Highlights

SUMMER RESEARCH PROGRAM SYMPOSIUM

The Summer Research Program Symposium is an annual event jointly organized by the Center for Inclusive Education and Undergraduate Research & Creative Activities (URECA), which showcases the work of undergraduate students participating in department-sponsored summer programs with SBU faculty mentors. The 2022 Symposium was held on August 4th in the Charles B. Wang Center. Each of our nine REU scholars presented posters on their research.



BROOKHAVEN NATIONAL LABORATORY VISIT

REU Nanotechnology Scholars participated in a tour of Brookhaven National Lab. The tour focused on the Center for Functional Nanomaterials. While at BNL, students were able to see the National Synchrotron Light Source II, one of the newest, most advanced synchrotron light sources in the world. The event culminated with a workshop educating the REU students on future fellowship opportunities at BNL.



CIE GRADUATE ASSISTANTS



NIKUNJ MITTAL

Nikunj joined the Center in Fall 2022. He maintains and updates the CIE website. In his spare time, he enjoys swimming, listening to music and reading about new advances in technology. Nikunj is in his first year of his Master's in Computer Science.

SAM CHEN

Sam joined the Center in Summer 2022 as a graduate student assistant. She assists with the NIH IMSD MERGE T32, Dr. W. Burghardt Turner, and GEM Fellowship. Sam is also an Integrative Neuroscience PhD student, studying loneliness, personality and age.



VICTORIA RIZZUTO

Joining the Center in July 2022, Victoria supports AGEP and IRACDA. She is currently pursuing the Master of Public Health portion of her combined MD/MPH degree. She is excited to be applying to OB/GYN residencies this year.

GRACE WIVELL

Grace first joined the Center in 2017 when she was completing her Masters in TESOL, and returned after starting her PhD in Linguistics. She works on events across the many CIE Programs, and also works closely with the Community of Student Mentors.



ASHLEY BARRY

Ashley joined the Center in March 2022 through the IDEA Graduate Fellowship. As the CIE Mental Health Specialist, Ashley helps develop programming around wellness and neurodiversity.

SHAFIRA WIDJAJA

Shafira joined the Center in Fall 2022 and is currently pursuing a PhD in Economics. She updates and creates content for the CIE's social media accounts. In her spare time, she enjoys watching TV shows, reading fiction, going to concerts, and going for runs. She also runs her own book club!



CIE Staff



Karian Wright
Director
Assistant Dean for Diversity & Inclusion, The Graduate School



Erica Valdez
Administrator



Lisa Ospitale
Program Manager
AGEP, IRACDA, REU, SREB & CSM



Rosalia Davi
Program Manager
GEM, IMSD & Turner



Elizanne Warren-Russell
Program Coordinator
GEM, IMSD & Turner



Welcome our newest Program Coordinator!

Jessica Triola



"Beloved community is formed not by the eradication of difference but by its affirmation, by each of us claiming the identities and cultural legacies that shape who we are and how we live in the world."

~ bell hooks



Contact us!

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