Sherilynn Black, Ph.D., is the Associate Vice Provost for Faculty Advancement, providing leadership in many areas of faculty advancement including support for pre-tenure and mid-career faculty, professional development for non-tenure system faculty, and mentoring. She also leads initiatives to increase diversity among the faculty ranks. Black is an Assistant Professor of the Practice of Medical Education and engages in social neuroscience research on the effectiveness of interventions designed to promote diversity in academia.

Black previously served as the founding Director of the Office of Biomedical Graduate Diversity for the Duke University School of Medicine and was also a Principal Investigator of the NIH-funded Duke Biosciences Collaborative for Research Engagement (BioCoRE). Black holds several national appointments relating to faculty development and advancement with the NIH, HHMI, AAMC, The Burroughs Wellcome Fund, the National Academies of Sciences, Engineering and Medicine, and the Society for Neuroscience. She has won a number of distinctions for her research and service, including the Samuel Debois Cook Society award and the Deans Award for Inclusive Excellence in Graduate Education. Black earned her BS in Psychology and Biology with highest honors at UNC-Chapel Hill as a Morehead-Cain Scholar. She earned her Ph.D. in Neurobiology at Duke University and completed additional studies in the School of Education at UNC-Chapel Hill.

Camden Cutright grew up in Birmingham Alabama with an inclination toward mathematics and creativity. He found a way to meld these interests during college at Vanderbilt University, graduating in 2016 with a BE in chemical engineering. One of the most rewarding experiences during Cutright's undergraduate studies was nanoparticle research, so he decided to pursue a Ph.D at North Carolina State University. Since his arrival at NCSU, Cutright has been studying chemical engineering specifically focusing his research projects on polymer science and interfacial chemistry. Outside the lab, Cutright enjoys outdoor activities such as hiking, kayaking, and day trips to the beach. He is also an avid volleyball player, competing indoor with the NCSU club team and with his younger brother in local sand tournaments. Cutright plan to graduate in December of 2020 and pursue a full time career in industry R&D.

Laura Demarse, Ph.D., has spent the last 17 years building professional development programming for graduate students and postdoctoral scholars. Passionate about career and professional development opportunities for graduate students and postdocs, Laura joined NC State in 2015. Previous service includes working as an Assistant Dean for Graduate Students and Postdoctoral Scholars in the Graduate School at the University of Utah; were she created the first ever Postdoc Association, Dissertation Institute, and Industry Spotlight Series-, leading to partnerships with biotech companies in the region. Initiating two distinctive tracks for students to explore careers, through the lens of faculty preparation and for careers outside of academe, at the time very few institutions were openly exploring careers outside of academic research for doctoral students and postdocs. Demarse also served as Assistant Dean for Professional and Career Development at North Carolina Central University, where she chaired the professional development department, created a new curriculum to provide students with enhanced

career readiness and employability skills, and secured external funding as PI on several grants and Industry partnerships.

Currently, overseeing the Professional Development Program in the Graduate School at NC State, supervising a team of program managers; the program offers a Certificate in Teaching and Communication, Thesis, Dissertation and research scholarship development, the Postdoctoral Affairs program, Accelerate to Industry (A2i) and a many other high impact career development opportunities. Demarse is a Principal Investigator on a Innovations In Graduate Education (IGE) award from the National Science Foundation that support training for other institutions on the A2i Program.

Demarse is an active member of the Graduate Career Consortium (GCC), The National Postdoctoral Association (NPA), and a graduate of the National Career Development Association's (NCDA) Leadership Academy. She holds a doctorate in Higher and Adult Education from the University of Memphis and a Masters in Counseling Psychology from Fordham University. She holds certification as a both a Master Career Counselor (MCC) and a Nationally Certified Counselor (NCC).

Corey Garza, Ph.D., is a Professor of Marine Science at California State University, Monterey Bay. His research interests are in the area of marine landscape ecology. He uses GIS modeling and spatial statistics to study the relationship between scale dependence, habitat complexity and patterns of species distribution and abundance in marine communities. Garza serves as the co-principal investigator for the NOAA Center for Coastal and Marine Ecosystems and directs the NSF funded Monterey Bay Regional Ocean Science Research Experiences for Undergraduates Program. Garza is also active in educational outreach, particularly in advancing the participation of underrepresented groups in science. Garza currently serves on the National Board of Directors of the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) and the Diversity and Inclusion Advisory Committee for the American Geophysical Union.

Clay Gloster, Jr., Ph.D. is the Vice Provost for Graduate Research and Dean of the Graduate College at North Carolina Agricultural and Technical State University. He received the B.S. and M.S. degrees in Electrical Engineering from North Carolina A&T State University ('85,'88) and the Ph.D. degree in Computer Engineering from North Carolina State University ('93). His current research grants focus on: high-performance reconfigurable computing and broadening participation of minorities in science, engineering, and engineering technology. He leads the Verizon Innovative Learning project at N.C.A&T, which has impacted more than 1100 minority middle school males. He also serves as the Chair of the Engineering Technology Division (ETD) of the American Society for Engineering Education (ASEE). Gloster holds two U.S. patents.

Francisco (Frank) Guido-Sanz, Ph.D, has over 25 years of experience in critical care nursing and over 14 years as a Nurse Practitioner Intensivist in a Surgical Intensive Care Unit. He also serves as a nurse practitioner under the National Disaster Medical System, as an active member of the Trauma Critical

Care Team, for the last 15 years. He teaches and conducts research, as an Assistant Professor, at University of Central Florida (UCF) College of Nursing.

His area of research is on innovation and technology, using simulation to train advanced practice registered nurses in critical care and to improve outcomes in acute and critical care, trauma, disaster health (including mass casualties) and combat casualties' scenarios. In addition, he is a co-inventor of a patented Multisensory Wound Simulation. Guido-Sanz is a founding member of the Consortium Steering Committee of Simulation in Nurse Practitioner Education Consortium at George Washington University School of Nursing and co-chairs the National Organization of Nurse Practitioner Faculties (NONPF) Special Interest Group on Simulation.

Trevonn Gyles graduated from Morehouse College with a Bachelor of Science in biology. While at Morehouse, Gyles' research focused on using nanoparticles that encapsulate insulin as a potential therapeutic treatment for diabetic neuropathy in rats. Following graduation, Gyles will attend the Icahn School of Medicine at Mount Sinai with the goal of obtaining a Ph.D. in Neuroscience.

James (Jim) Hewlett is a graduate of Bucknell University (B.S. in Biology) and the University of Connecticut (M.S. in Oceanography). After graduating from the University of Connecticut, he entered a doctoral training program within the Department of Pharmacology and Physiology at the University of Rochester where he worked on adenoviral vectors for gene therapy. He currently serves as Professor of Biology and the Director of Biotechnology and Biomanufacturing at Finger Lakes Community College in Canandaigua, NY. In addition to teaching, he serves as the Executive Director of the Community College Undergraduate Research Initiative (CCURI) - a National $5.95M NSF funded program under the Improving Undergraduate STEM Education (IUSE) program. He serves on the Executive Team of the InnovATEBIO NSF-ATE National Biotechnology Center and is the President and CEO of STEMsolutions, LLC, a New York based consulting firm specialized in developing customized higher education solutions to STEM curriculum reform efforts.

Hewlett serves on the Editorial Board of the National Center for Case Study Teaching in Science at the University of Buffalo. He serves on the Editorial Board of The American Society of Cell Biology's CBE Life Sciences Education journal, and the Advisory Board for Rochester Institute of Technology's Center for Bioscience Education and Technology (CBET). He is a member of the Steering Committees for the University of Georgia's RCN-UBE Course-based Undergraduate Research Experiences Network (CUREnet), and the NSF RCN program on Equity and Diversity in Undergraduate STEM at the University of Minnesota. In 2016, Hewlett was appointed to a Committee of the National Academies Board on Science Education to participate in a consensus study that will help inform policy makers and funding agencies on best practices for strengthening the undergraduate research experience at our Nation's higher educational institutions. He is the recipient of the 2005 State University of New York Chancellor's Award for Excellence in Teaching, the 2016 Chancellor's Award for Excellence in Scholarship and Creative Activities, and in 2020 was named a State University of New York Distinguished Service Professor.

Matthew T. Hora, Ph.D., is an Assistant Professor of Adult and Higher Education in the Departments of Liberal Arts & Applied Studies (Division of Continuing Studies) and Education Policy Studies (School of Education), and is also the Director of the Center for Research on College-Workforce Transitions in the Wisconsin Center for Education Research. His interdisciplinary work on active learning, organizational change, college internships, and the nature of skills has brought a cultural and critical perspective to debates on two issues that are dominating the higher education landscape around the world – instructional reform and student employability. Courses taught by Hora include an online non-credit course for postsecondary faculty on teaching "21st century skills," featured in English, Spanish and Mandarin Chinese, and courses examining the student employability discourse from a cultural and critical perspective.

His research program is informed by theory and method from cultural anthropology, the learning sciences, and sociology, and has been featured in a wide range of academic papers, magazine articles, and the book "Beyond the Skills Gap: Preparing College Students for Life and Work" which won the 2018 AAC&U Frederic W. Ness Award for the best book on liberal education. His current research program is supported by the National Science Foundation and the Bill & Melinda Gates Foundation, and is focused on providing rigorous empirical evidence on issues related to college internship access, quality, and outcomes to partner institutions that include community colleges, Historically Black Colleges and Universities, Hispanic-Serving Institutions, and regional comprehensive universities in the U.S., China and Japan.

Jhoselin Padilla-Castro is a University of Central Florida (UCF) concurrent student with Valencia College. In Fall 2019, Padilla-Castro joined Simsations4LIFE, which focuses on enhancing student critical thinking skills through simulations. She currently serves as the Vice President for the club and recently completed an embedded participant training to become more involved. Padilla-Castro will be graduating UCF's nursing program next semester with my BSN. This semester she is working on a Cardiac PCU and exploring her interest in this field. Padilla-Castro dream job is to eventually become a PICU nurse.

Jezella Peraza is a senior at California State University, Monterey Bay majoring in Marine Science with a minor in Statistics. Peraza is expected to graduate with her Bachelor's degree in Spring 2021, and aspires to continue her education and obtain her Master's degree in marine and biological sciences beginning Fall 2021. She is excited to continue her study of relationships among marine species, examine unique marine life adaptations, and be able to review how ocean contamination affects marine species and human life. Peraza is a NOAA Educational Partnership Program with Minority-Serving Institutions (EPP/MSI) Class of 2019 Scholar, which provides her funds for two years of undergraduate studies and two paid summer internships. Last summer, she interned at NOAA Headquarters with the Office of National Marine Sanctuaries as their Education and Outreach intern. This summer, Peraza interned virtually with the National Marine Fisheries Service's Northeast Fisheries Science Center in Woods Hole, MA, studying the marine bivalve Modiolus modiolus and its community structure. As a marine scientist, working for NOAA is Peraza's professional aspiration. In an effort to protect natural resources, she

aspires to combine her interests in science and advocacy to become an ambassador to promote ocean conservation and sustainability.

Jonathan Nelson Rivera is currently a Cyber Security Major at Kean University. He has always enjoy learning new things in his field and exploring opportunities to use what he learns to help himself and others. Rivera had the privilege of working on projects, joining others in research, and being able to tutor and help those entering the field of Computer Science, and it has all been such a blast. Once Rivera graduates, he hopes to have a job where he can fully use everything he has learned so far. Outside of his job, Rivera loves to join in some of the amazing projects happening all around us and maybe even have a try at making his own game.

Elsa Q. Villa, Ph.D., is a research assistant professor at The University of Texas at El Paso where she shares her appointment between the College of Education and the Office of Research and Sponsored Projects. Villa is also a member of the backbone and data management team for the NSF-funded Computing Alliance for Hispanic Serving Institutions (CAHSI) INCLUDES national alliance involving over 40 institutions of higher education. Villa is co-Principal Investigator (PI) of an NSF RAPID grant with PI Ann Gates, Executive Director of CAHSI INCLUDES, and co-PI Pat Morreale, Chair of the Department of Computer Science at Kean University. The grant involved approximately 20 faculty and 60 undergraduate students in a virtual Research Experience for Undergraduates in summer 2020.