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**Speaker Biographies**

**Evelynn M. Hammonds, Ph.D.**, is the Barbara Gutmann Rosenkrantz Professor of the History of Science and Professor of African and African American Studies at Harvard University. She holds a BS in physics from Spelman College, a BEE in electrical engineering from Georgia Tech, SM in Physics from MIT and a PhD in the history of science from Harvard University. Hammonds was the first Senior Vice Provost for Faculty Development and Diversity at Harvard University (2005-2008). From 2008-2013 she served as Dean of Harvard College. Her areas of research include the histories of science, medicine and public health in the United States; race and gender in science studies; feminist theory and African American history. Hammonds work focuses on the intersection of genetic, medical and socio-political concepts of race in the United States. She is currently the director of the Project on the Study of Race & Gender in Science & Medicine at the Hutchins Center for African and African American Research at Harvard University. Prof. Hammonds is an Area Advisor for African American History, History of Science and Technology for the Online Bibliography of Oxford University Press.

**Mary Schmidt Campbell, Ph.D.**, began her tenure on August 1, 2015 as the 10<sup>th</sup> president of Spelman College. A leading liberal arts college for women of African descent located in Atlanta, Georgia, Spelman has long enjoyed a reputation as the nation's leading producer of Black women scientists. Prior to arriving in Atlanta, Dr. Campbell was a major force in the cultural life of New York City. Her career in New York, which included various challenging roles, began at the Studio Museum in Harlem where she served for 10 years. Her role there began at a time when the city was on the verge of bankruptcy and Harlem was in steep decline. However, under her leadership, the museum was transformed from a rented loft to the country's first accredited Black Fine Arts Museum. Dr. Campbell also established herself as a stalwart supporter who championed the need for professional development opportunities for women and people of color in the arts.

When she left the Studio Museum of Harlem in 1987, the organization was recognized as a linchpin in the economic revitalization of the 125th street corridor and a major center for the study of the visual arts of the Black Atlantic. New York's late Mayor Edward I. Koch invited Dr. Campbell to serve as the city's cultural affairs commissioner in 1987. In this role, she led the Department of Cultural Affairs which oversees the operations and capital development of the city's major cultural institutions. As a commissioner, she gained a reputation as an indefatigable advocate for large and small arts organizations throughout all five boroughs. Dr. Campbell returned to the private sector to become dean of New York University's Tisch School of the Arts in the fall of 1991. In her more than two decades as dean, the Tisch School gained a reputation for producing artistic trailblazers in theater, film and interactive media. Tisch students, faculty and alumni have won virtually every major award in the arts, including the Oscar, Pulitzer Prize, Tony Award, Grammy, Emmy, Peabody, Golden Globe, Guggenheim Fellowship and more. As dean, Dr. Campbell diversified both the student body and the faculty fourfold, and she incubated several new arts and technology divisions within the school and the university. Among the new academic programs she developed the NYU Game Center, The Clive Davis Institute of Recorded Music, The Moving Image Archiving and Preservation Program, and a joint MBA/MFA Graduate Film and Business program. Additionally,

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she doubled the size of the school's Interactive Telecommunication Program and founded and chaired Tisch's Department of Art and Public Policy, which examined the intersection of art, politics and public policy as it impacts individual artists and the institutions that support them in a democratic culture.

In September 2009, former President Barack Obama appointed Dr. Campbell as the vice chair of the President's Committee on the Arts and Humanities, a non-partisan advisory committee to the President of the United States on cultural matters. As vice chair, Dr. Campbell took an active role in reaffirming the arts as one of the ingredients essential to effective public school education. She is a fellow of the American Academy of Arts and Sciences and currently sits on the boards of The Alfred P. Sloan Foundation, the Doris Duke Charitable Foundation, the High Museum of Art, and the J. Paul Getty Trust as well as on the Advisory Boards of the Bonner Foundation and the Association of Governing Boards of Universities and Colleges. She also holds numerous honorary degrees, including one from her alma mater, Swarthmore College in Pennsylvania.

Dr. Campbell is a contributor to several publications including *Artistic Citizenship: Artistry, Social Responsibility, and Ethical Praxis*; *New York Reimagined: Artists, Art Organizations, and the Rebirth of a City* (Oxford University Press, 2016); *Four Generations: The Joyner/Giuffrida Collection of Abstract Art, Foreword* (Gregory R. Miller & Co., 2016); co-editor of *Artistic Citizenship: A Public Voice for the Arts*, (Routledge, 2006); co-author of *Harlem Renaissance: Art of Black America* (Harry N. Abrams, Inc., 1987); and *Memory and Metaphor: The Art of Romare Bearden, 1940-1987* (Oxford University Press & The Studio Museum in Harlem, 1991). She recently completed a book, **An American Odyssey: The Life and Work of Romare Bearden** for Oxford University Press. For this work, Dr. Campbell received the **2018 Hooks National Book Award** from the Benjamin L. Hooks Institute for Social Change at the University of Memphis. In 2019, she was a finalist for the **55th Georgia Author of the Year Award** in the category of biography. Also, the Museum of African American History selected "An American Odyssey" as a finalist for the for **2019 MAAH Stone Book Award**.

Dr. Campbell received a bachelor's of art degree in English literature from Swarthmore College, a master's of Art in Art History from Syracuse University, and a doctorate in Humanities from Syracuse. She and her husband, Dr. George Campbell Jr., president emeritus of The Cooper Union for the Advancement of Science and Art, are the parents of three sons and have six grandchildren.

**Shirley M. Malcom, Ph.D.**, is the Director of Education and Human Resources Programs at the American Association for the Advancement of Science, the world's largest general science organization. Malcom received her B.S. at the University of Washington and M.S. at the University of California, Los Angeles both for zoology. In 1974, she would go on to receive her Ph.D. from Pennsylvania State University in ecology. Some previous positions include high school teacher, assistant professor of biology at the University of North Carolina at Wilmington, and program officer in science education at the National Science Foundation, before she joined AAAS. Throughout her career, Dr. Malcom's work has focused on the lack of women, especially women of color, in science. She is a leader in efforts to improve accessibility of education and careers in science and engineering for girls and women. Her inspiring work has led to numerous honors such as

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the Humanitarian of the Year Award, Scroll of Merit, Woman of Valor, University of Washington's Alumna Summa Laude Dignata Award, and the Public Welfare Medal, the highest award from the American Academy of Sciences.

**Gloria Washington, Ph.D.**, is an Assistant Professor at Howard University in the Computer Science Department. At Howard, she runs the Affective Biometrics Lab and performs research with her students on affective computing and biometrics. Before coming to Howard University she was an Intelligence Community Postdoctoral Research Fellow in the Department of Computing Science at Clemson University. She performed research on identifying individuals based solely from pictures of their ears. Dr. Washington has more than fifteen years in Government service and has presented on her research throughout industry. Ms. Washington holds M.S. and Ph.D. in Computer Science from The George Washington University, and a B.S. in Computer Information Systems from Lincoln University of Missouri.

**Monique Ross, Ph.D.**, leads LEARN-CS, Assistant Professor, School of Computing and Information Sciences and STEM Transformation Institute at Florida International University in Miami, Florida. Dr. Ross has a Ph.D. in Engineering Education from Purdue University, Master's in Computer Science and Software Engineering from Auburn University, and Bachelor's of Science in Computer Engineering from Elizabethtown College. She has 11 years experience as a software engineer in industry and six years as an academic in both computer engineering and computer science. LEARN-CS is the culmination of her background in engineering education and computer science in order to establish a rigorous and impactful computer science education research group that aspires to broaden participation in computer science to ALL.

**Raquel Hill, Ph.D.**, is a tenured associate professor and chair of the Computer and Information Sciences Department. Prior to joining Spelman College, Hill was an associate professor of computer science and the director of the Cybersecurity Academic Program in the School of Informatics, Computing, and Engineering at Indiana University. She holds bachelor and master's degrees in computer science from Georgia Institute of Technology and a Ph.D. in computer science from Harvard University.

Her primary research interests span the areas of trust and security for distributing computing environments and data privacy. Her research has been funded by various agencies, including the National Science Foundation. She has published numerous articles on various topics, including security for electronic voting systems, encryption-based access control, trusted computing, smartphone security, network security and privacy in research datasets. Her inter-disciplinary work on the re-identification risks in medical-related behavioral science data was featured in Forbes magazine article, "[Anonymous Sex Survey Takers Get Identified in Data Dive.](#)" In 2016, Hill was selected and highlighted in [Brilliant Minds at IU Bloomington](#), an ongoing series of short videos featuring some of the fascinating research and creative activities that IU Bloomington faculty pursue. Hill is a passionate educator, and she was awarded Indiana University's Trustees

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Teaching Award in 2019. Also, she has dedicated time to mentoring undergraduate students, participating in departmental and campus-level initiatives to engage undergraduates in research.

**Valerie Taylor, Ph.D.**, is the Director of the Mathematics and Computer Science Division. She received her Ph.D. in electrical engineering and computer science from the University of California, Berkeley, in 1991. She then joined the faculty in the Electrical Engineering and Computer Science Department at Northwestern University, where she was a member of the faculty for 11 years. In 2003, she joined Texas A&M, where she served as head of the computer science and engineering department and senior associate dean of academic affairs in the College of Engineering and a Regents Professor and the Royce E. Wisenbaker Professor in the Department of Computer Science. Her research is in the area of performance analysis and modeling of parallel, scientific applications. Currently, she is focused on the areas of performance analysis, power analysis and resiliency. Dr. Taylor is the Executive Director of the Center for Minorities and People with Disabilities in IT (CMD-IT). The organization seeks to develop the participation of minorities and people with disabilities in the IT workforce in the United States.

**Enobong (Anna) Branch, Ph.D.**, is the Vice Chancellor for Diversity, Inclusion, and Community Engagement and a Professor of Sociology at Rutgers University – New Brunswick. She provides strategic leadership to nurture and cultivate diversity and inclusion as key institutional values, strengthening the institutional commitment to its diverse community on and off-campus. Prior to joining Rutgers University, Dr. Branch served as Associate Chancellor for Equity and Inclusion, Chief Diversity Officer, and a Professor of Sociology at the University of Massachusetts–Amherst. Her significant accomplishments in that role included leading the integration of diversity throughout the campus strategic plan, executing the university’s campus climate survey, and creating diversity infrastructure through Climate Advisors in executive areas and Diversity Officers in schools and colleges.

Dr. Branch is a nationally recognized sociologist whose research on work and occupations explores the historical roots and contemporary underpinnings of racial and gender inequality. She is the co-author of the new book *Black in America: The Paradox of the Color Line* (2020), the editor of *Pathways, Potholes, and the Persistence of Women in Science: Reconsidering the Pipeline* (2016), and the author of *Opportunity Denied: Limiting Black Women to Devalued Work* (2011). Dr. Branch received her Ph.D. in Sociology from the University at Albany, SUNY and her B.S. in Biology from Howard University.

**Kaye Husbands Fealing Ph.D.**, is Chair of the School of Public Policy at the Georgia Institute of Technology. She specializes in science of science and innovation policy, the public value of research expenditures related to food safety, and the underrepresentation of women and minorities in STEM fields and workforce. Prior to her position at Georgia Tech, Husbands Fealing was a professor in the Center for Science, Technology and Environmental Policy at the Humphrey School of Public Affairs, University of Minnesota, and she was also a study director at the National Academy of

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Sciences. Prior to the Humphrey School, she was the William Brough professor of economics at Williams College, where she began her teaching career in 1989. She developed and was the inaugural program director for the National Science Foundation's (NSF) Science of Science and Innovation Policy (SciSIP) program and co-chaired the Science of Science Policy Interagency Task Group, chartered by the Social, Behavioral and Economic Sciences Subcommittee of the National Science and Technology Policy Council. At NSF, she also served as an economics program director. Husbands Fealing was a visiting scholar at Massachusetts Institute of Technology's Center for Technology Policy and Industrial Development, where she conducted research on NAFTA's impact on the Mexican and Canadian automotive industries, and research on strategic alliances between aircraft contractors and their subcontractors.

Husbands Fealing is an Elected Fellow of the National Academy of Public Administration, an Elected Fellow of the American Association for the Advancement of Science (AAAS), and serves on the AAAS Executive Board. She was awarded the 2017 Trailblazer Award from the National Medical Association Council on Concerns of Women Physicians. She currently serves on NSF's Committee on Equal Opportunities in Science and Engineering, NSF's Education and Human Resources Directorate's Advisory Committee, the National Academies panels on Review of the Small Business Innovation Research and Small Business Technology Transfer Programs at the Department of Energy, and the Georgia Intellectual Property Alliance. She is a board member for the Center for Organization Research and Design at Arizona State University, and for the Society for Economic Measurement. She has served on several committees and panels, including: the National Academies' Developing Indicators for Undergraduate STEM Education panel, and Reengineering the Census Bureau's Annual Economic Surveys; the Council on Canadian Academies *Towards an Alberta Science Policy* workshop steering committee, and Subcommittee on Science and Technology Methods; the American Academy of Arts and Sciences Data Advisory Group, and Challenges for International Scientific Partnerships, *Large-Scale Science Working Group*; a U.S. Department of Agriculture review panel; the NSF's Social, Behavioral, and Economic Sciences Advisory Committee; several AAAS committees; and the American Economic Association's Committee on the Status of Women in the Economic Profession. At Georgia Tech, she serves on the Institute for Data Engineering and Science Council, and the Intellectual Property Advisory Board. Husbands Fealing holds a Ph.D. in economics from Harvard University, and a B.A. in mathematics and economics from the University of Pennsylvania.

**Fay Cobb Payton, Ph.D.**, is a Program Director at the National Science Foundation (NSF) in the Division of Computer and Network Systems. At the NSF, she is working with a group of leaders on programs involving Computer Science for All, Broadening Participation in Tech/STEM, Smart and Connected Health, Ethics in Computing and others. She is also a Full Professor (with Tenure) of Information Technology/Systems at North Carolina State University and was named a University Faculty Scholar for her leadership in turning research into solutions to society's most pressing issues. She was named the 2016 North Carolina Technology Association Tech Educator of the Year. She is the founder director of @myhealthimpact, a social network experience that focuses on health disparities and social media technology interventions. @MyHealthImpact provides "voice" for

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the millennial generation about health topics, such as sexual and mental health, and technology innovation.

She is a workshop facilitator, speaker and consultant. She received the 2017 PhD Project Hall of Fame and 2013 National Coalition of Women in Information Technology (NCWIT) Undergraduate Mentoring Awards. As an American Council on Education Fellow, she worked on issues of academic review, interdisciplinary graduate research and education, and institutional economic and community impact. She serves as a member of the NC State University Women in Science & Engineering Advisory Committee and was a consultant evaluating STEM living and learning models across U.S. institutions. Her research interests include healthcare IT/informatics/disparities; data management/science; bias in AI/information seeking/HCI; social media use among the millennial and under-represented groups; broadening participation in IT/computing/STEM and entrepreneurship pathways. She has published over 100 peer-reviewed journal articles, conference publications and book chapters. Her research has been published and/or is forthcoming in the *Journal of STEM Education Research and Innovation*, *European Journal of Information Systems*, *Information Technology & People*, *IEEE Transactions on Healthcare Systems Engineering*, *Information Systems Journal*, *Journal of the Association for Information Science and Technology*, *Health Care Management Science*, *Telemedicine and eHealth*, just to name a few. The National Science Foundation, National Institutes of Health, AT&T, Kenan Institute and others have supported Dr. Payton's research and teaching. She was a National Institute of Environmental Health Sciences Fellow where she worked on data management, technology and communications strategies for a health disparities study. She was awarded a SAS Institute Fellow for her work in analytics and teaching in the IS/IT classroom, and as received two NC State University Alumni Extension Awards. She is a former member of the IEEE Medical Technology Policy Committee.

She serves on several local and national boards and has been recognized in NC State and other media outlets for research and mentoring work. She has presented her research at national and international conferences and symposia in China, Nigeria, Netherlands, Canada, Greece, Ireland, UK, Ghana, just to name a few. Dr. Payton has worked in an advisory and/or volunteer capacity with the Information Systems Doctoral Student Association, Wake County Public School Systems and the City of Raleigh. She is often the speaker or panelist for corporate career development and leadership programs, and serves as a consultant for leadership development programs for current mid-level corporate African Americans in IT careers. She has appeared on CBS Radio Network, Sunrise America, Financial Review and others to discuss tech inclusion and under-representation.

She earned a Ph.D. in Information & Decision Systems (with a specialty in Health Care Systems) from Case Western Reserve University. Prior to joining academe, she worked in corporate IT and consulting at IBM, Ernst & Young/Cap Gemini and Time, Inc. Dr. Payton was featured and/or cited in several media outlets ([Ageism](#), [Hidden Figures](#), [MyHealthImpact](#), [HealthCare IT](#), etc.) for her mentoring work and inclusion in the tech.