



**Dr. Tashni-Ann Dubroy** serves as the Executive Vice President and Chief Operating Officer at Howard University. Dubroy is simultaneously leading an overhaul that includes the improvement of Howard University's core network, as part of a partnership with IBM, and is installing a new, University-wide Enterprise Resource Planning system. In its first year, the Dubroy Administration effectively reversed six consecutive years of enrollment declines and yielded a 15 percent increase in new and returning students in 2015. She was named in 2017 as CEO of the Year in the Triangle region and to the 40 Under 40:

Excellence in Leadership list by the Triangle Business Journal. Dr. Dubroy began her career as a Research Scientist at BASF, the world's largest chemical company. She quickly ascended to the position of Global Technology Analyst, and after two years, was appointed to serve as Chemical Procurement Manager, where she managed a strategic sourcing budget of \$35 million. Dr. Dubroy earned her Ph.D. in Physical Organic Chemistry from North Carolina State University in 2007 and holds an MBA from Rutgers University. Prior to her executive appointment, the Shaw University alumna served as Special Assistant to the President, Chair of Shaw University's Department of Natural Sciences and Mathematics, and as an Associate Professor of Chemistry.



**Leah McEwen** is the Chemistry Librarian at Cornell University where she has supported information discovery and scholarly communication in the chemical sciences since 1999. She is an active contributor to national and international chemical information initiatives, organizing dozens of thematic programs on research documentation and dissemination. She has served as both Secretary and Program Chair for the ACS Division of Chemical Information, and on the ACS Joint Board-Council Committees on Publishing, Ethics and Chemical Safety. She is a founding chair of the Research Data Alliance (RDA) Chemistry Research Data Interest Group (DIG Chemistry) and

a board member of the International Chemical Identifier - InChI Trust. She currently serves as chair of the IUPAC Committee on Publications and Cheminformatics Data Standards to facilitate design and implementation of digital standards. She is lead on the Chemistry case study for the CODATA-RDA WorldFAIR Initiative to advance FAIR data practices and is an international advisor for the NFDI4Chem research data infrastructure consortium in Germany. She holds master's degrees in Nutritional Biochemistry from Cornell University and Library and Information Science from Emporia State University and was the first Paul Otlet - Eugene Garfield Fellow at the Science History Institute.



**Dr. Debra J. Audus** is the project leader of the Polymer Analytics Project in the Materials Science and Engineering Division at the National Institute of Standards and Technology (NIST). She joined NIST in 2013 as a National Research Council Postdoctoral Fellow and transitioned to staff two years later. Her research focuses on machine learning, polymer databases and using both theory and simulation to understand polymer physics. She is also a founding member of two polymer data resources: the Polymer Property Predictor and Database (<https://pppdb.uchicago.edu>) and the Community Resource for

Innovation in Polymer Technology (<https://criptapp.org/>). She is a member of the American Physical Society and the American Chemical Society. She received her PhD at University of California, Santa Barbara and BS at Cornell University; both degrees are in Chemical Engineering.