Professor Sarah Delaney

Sarah Delaney is a Professor of Chemistry at Brown University. She received her BA in Chemistry from Middlebury College (1999) and conducted research with Prof. Sunhee Choi on the mechanism of action of cisplatin anti-cancer analogs. She completed her graduate work at the California Institute of Technology (2004), working in the laboratory of Prof. Jacqueline Barton on the ability of the DNA to serve as a medium for charge transfer reactions. Prof. Delaney was a Damon Runyon postdoctoral fellow in the laboratory of John Essigmann at MIT until 2007 where she studied the mutagenicity and toxicity of a variety of oxidized guanine lesions. She is currently a Professor of Chemistry at Brown University where she also serves as the Director of Graduate Studies. Research in her laboratory is focused on establishing a chemically logical roadmap to understand how DNA damage relates to genetic change and human disease. In recognition of her research accomplishments she was awarded an Outstanding New Environmental Scientist (ONES) Award from NIH/NIEHS. Attesting to her skills and commitment to mentoring and training the next generation of scientists, Prof. Delaney was awarded the Philip J. Bray Award for Excellence in Teaching in the Physical Sciences from Brown University (2011) and the Brown University Graduate Student Mentoring and Advising Award (2020). In addition to researching the biochemistry of DNA damage she has an interest in cooking and how chemistry influences food. She teaches *Organic Chemistry*, *Chemical Biology*, and a broad interest course *Kitchen Chemistry*.