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Gregory Parsons is Celanese Acetate Professor of Chemical and Biomolecular Engineering at North Carolina State University. He received a Bachelor's degree in Physics from the State University of New York and a PhD in Physics in at NC State University, followed by postdoc studies from 1990 to 1992 at IBM TJ Watson Research Center. He joined NC State Chemical Engineering in 1992 as an Assistant Professor to explore surface reactions in thin film materials, including Atomic Layer Deposition. In 2001 he initiated the annual International AVS ALD Conference where he remains in active leadership. He has published more than 200 articles in reaction mechanisms during atomic layer deposition, molecular layer deposition and atomic layer etching. He was elected Fellow of the American Vacuum Society in 2005, and he served from 2011-2013 on the AVS Board of Directors. He is the recipient of an NSF Career Award, the Alcoa Foundation Distinguished Engineering Research Award, and a Semiconductor Research Corporation Invention Award. He is also an accomplished classroom teacher, being named to NC State's Academy of Outstanding Teachers in 2009. He is the 2014 recipient of NC State's RJ Reynolds Award, the College of Engineering's highest distinction for faculty research, teaching and service. In 2015 he received the ALD Innovation Award, and in 2016 was named to the inaugural class of the NC State Research Leadership Academy.