



Michael Santiago Cintron



Terri M. Von Hoven

J.W. Weaver Paper of the Year

Michael Santiago Cintron, Terri Von Hoven, Doug J. Hinchliffe, and Rebecca Hron are the recipients of the **J. William Weaver Paper of the Year Award** for their paper “Examination of Cotton Maturity and Maturity Distribution Using an Infrared Focal Plane Array Imaging System,” published in the 2021 *AATCC Journal of Research*.

About the Authors

Michael Santiago Cintron is a research chemist at the Southern Regional Research Center (SRRC), USDA-ARS in New Orleans, LA, USA, and has been with the USDA since 2008. He received a BS in Chemistry in 2002 from the University of Puerto Rico-Rio Piedras. In 2005 and 2009, respectively, he received an MS and PhD in Inorganic Chemistry from the University of Wisconsin-Madison. While pursuing his masters and PhD degrees, Santiago Cintron was a Research Fellow. In 2002, he received an NIH Predoctoral Fellowship as a Chemistry-Biology Interface Traineeship, and in 2005, the American Chemical Society Younger Chemists Committee recognized him with the Leadership Development

Award. In 2015, Santiago Cintron was recognized with the USDA-SRRC Award for Outstanding Early Career Scientist. He has published 29 peer reviewed papers.

Terri Von Hoven is a mechanical engineer with the Southern Regional Research Center (SRRC), USDA-ARS since 1999. Von Hoven received a BS in Mechanical Engineering and a BS in Textile Engineering at Georgia Institute of Technology in 1993. She earned an MS in Textile Engineering from Georgia Institute of Technology in 1996 and a PhD in Textile Engineering from Louisiana State University in 2002. In 2003, she earned an MS in Engineering Management from the University of New Orleans. Von Hoven has served as secretary of the AATCC Gulf Coast Section. Her research resulted in the Gulf Coast Section being awarded first place in the AATCC Intersectional Paper Competition in October 1996, 1999, and 2000. She has published more than 50 peer-reviewed papers.

Doug Hinchliffe is a lead scientist/molecular biologist at the USDA-ARS. In 1996, he received a BS in Chemistry from the Richard Stockton College, and in 2003, he received a PhD in Molecular Biology from New Mexico State University. He began his career with the USDA in 2005, after completing a two-year post-doc with New Mexico State University. In 2014, Hinchliffe received the Agricultural Research Service



Doug J. Hinchliffe

Mid-South Area Technology Transfer Award for “The Development of Greige Cotton Nonwoven Fabrics for Disposable Diapers.” In 2015, Hinchliffe received the Federal Laboratory Consortium Southeast Region Excellence in Technology Transfer Award for “Greige Cotton Nonwoven Fabrics for Disposable Diapers.” That same year, he received the USDA-ARS Southern Regional Research Center Award for Technology Transfer Adoption for “7th Generation Company Disposable Diaper Called Touch of Cloth.” He has published more than 45 peer-reviewed papers.

Rebecca Hron is a research chemist with the USDA-ARS. She received a BS in Cell and Molecular Biology at Tulane University in 2011, and a PhD in Organic Chemistry from the University of New Orleans in 2017. She has 12 peer-reviewed published articles.

The Weaver Award

The AATCC Publications Committee presents the J. William Weaver Paper of the Year Award to the author or authors of the best peer reviewed paper published in *AATCC Journal of Research* each year. Even before it began publishing its own journal, AATCC had a long-standing tradition of friendly rivalry among authors. From 1925 to 1933, awards were presented for the best AATCC conference papers



Rebecca J. Hron

published by *American Dyestuff Reporter*. From 1940 to 1996, an Intersectional Paper Competition winner was chosen each year. In January 1969, AATCC began publishing *Textile Chemist and Colorist* and in February 1979, an annual award was established to honor the best paper published in that journal.

In 1990, the award was named for J. William Weaver, who was chair of the AATCC Editorial Board at the time of his death. Over the years, winning papers have covered a variety of topics, including antimicrobial textiles, color measurement and calculation, computer technology, exhaust dyeing, fiber-surface modification, formaldehyde, hydrogen peroxide bleaching, indigo dyeing, jet dyeing, metal content, recycling, soil release finishes, vacuum slot extraction, and yellowing.

The award includes a framed certificate signed by the AATCC president and the Publications Committee chair and was presented at the Awards Luncheon held during AATCC’s Textile Discovery Summit on October 6, 2022 in Charlotte, NC, USA.

For additional information about the J. W. Weaver Paper of the Year Award visit www.aatcc.org/weaver