

## **MICHAEL J. CHAJES, Ph.D., P.E., M.ASCE**

Michael J. Chajes is a Professor of Civil and Environmental Engineering at the University of Delaware (UD). He is also a registered Professional Engineer and served on Delaware's PE Registration Board from 1995 to 2000. In 2010, Dr. Chajes was named Delaware Engineer of the Year and was also awarded a UC Davis College of Engineering Distinguished Engineering Alumni Medal. In 2012, he received UD's E.A. Trabant Award for Women's Equity, and in 2016 he was inducted into the Academy of Distinguished Civil and Environmental Engineering Alumni by the University of Massachusetts.

Dr. Chajes was an undergraduate civil engineering student at the University of Massachusetts and graduated with honors in 1984. After receiving his bachelor's degree, he attended the University of California at Davis and received his M.S. in 1987 and his Ph.D. in 1990. While at Davis he was twice awarded the University's Outstanding Graduate Student Teaching Award.

Dr. Chajes began his academic career in 1990 when he joined the faculty at the University of Delaware as an Assistant Professor of Civil and Environmental Engineering. He was promoted to Associate Professor in 1996, and to Professor in 2002. He served as Acting Associate Chair in 1996 and as Associate Chair from 1998-2001. In July of 2001, Dr. Chajes was appointed Chair, a position he held through September of 2007. In October of 2007 Dr. Chajes was appointed Interim Dean of the College of Engineering, and in July of 2008, Dr. Chajes was appointed Dean of the College of Engineering, a position he held through June of 2011.

Dr. Chajes is a member of the American Society of Civil Engineers (ASCE) and the American Society of Engineering Education (ASEE). Within ASCE, he was a member of the Department Heads Council Executive Committee (DHCEC) from 2002-2007, serving as Chair from 2005-2007. He served as a Member of the Task Committee that planned the summit on the "Future of the Civil Engineering in 2025," held in 2006, and was on the Government Affairs Committee. Within ASEE he has served on the Dean's Council and the Public Policy Committee.

As a faculty member at the University of Delaware, Dr. Chajes teaches classes in the areas of structural analysis and design, and sustainable development. He was instrumental in creating and co-teaching the college's Introduction to Engineering class that is taken by all engineering freshmen. He currently serves as the coordinator of the engineering co-op program (a program he founded in 2013), is co-chair of the university's Sustainability Task Force, and chaired the Faculty Senate's Commission on Sexual Misconduct. He currently leads the college's faculty diversity initiative.

In terms of research, Dr. Chajes' areas of specialization are bridge testing, evaluation, and rehabilitation. He also works in the areas of sustainable energy and sustainable development with particular interests in energy harvesting, developing clean energy cities, sustainable infrastructure, and methods for pricing carbon. He is an affiliated faculty member of the Center for Innovative Bridge Engineering, the Center for Composite Materials, and the Delaware Transportation Center. He has supervised 43 masters and 5 doctoral students, as well as over 50 undergraduate research students. He has served as PI or co-PI on more than \$5M of research grants funded by the National Science Foundation, the Federal Highway Administration, the

National Cooperative Highway Research Program, the Delaware Department of Transportation, and several industrial groups and foundations. Based on this research, Dr. Chajes has published more than 100 papers and presented his work through more than 70 talks in the US and abroad.