

DR. CHERYL MARTIN

Deputy Director



Dr. Cheryl Martin is the Deputy Director of the Advanced Research Projects Agency–Energy (ARPA-E) responsible for oversight of the Agency. Additionally, Dr. Martin leads ARPA-E’s Technology-to-Market program, which helps breakthrough energy technologies succeed in the marketplace. Prior to joining ARPA-E, Dr. Martin was an Executive in Residence with Kleiner Perkins Caufield and Byers, a venture capital firm based in Menlo Park, California.

Dr. Martin also spent 20 years with Rohm and Haas Company, starting her career as a Senior Scientist for the company’s Plastics Additives business and then holding various research and marketing roles in the Plastics Additives and Coatings businesses. In 2000, Dr. Martin was named Director, Investor Relations where she was responsible for Rohm and Haas’ interactions and relationships with the investment community. She later became Director, Financial Planning, and took on the responsibility for the planning, forecasting and management reporting activities of the company. Dr. Martin was named General Manager of the company’s Adhesives and Sealants business in North America in 2007 and also elected a Corporate Vice President. Most recently Cheryl had been the General Manager for the Paint and Coatings Materials business in Europe, Middle East and Africa. In this role, she was responsible for all aspects (technology, operations, sales and marketing) of the business in this region.

Dr. Martin earned a B.A. degree in chemistry from the College of the Holy Cross. She went on to earn a Ph.D. in organic chemistry from the Massachusetts Institute of Technology (MIT). She is active in the American Chemical Society (ACS) at both the local and national levels and serves on the Board of Directors for Philabundance, the greater Philadelphia region’s largest hunger relief organization.

DR. PRAMOD KHARGONEKAR

Deputy Director for Technology



Dr. Pramod P. Khargonekar is the Deputy Director for Technology of the Advanced Research Projects Agency-Energy (ARPA-E), responsible for oversight of all technology issues relating to ARPA-E's programs. In addition to this, Dr. Khargonekar serves as the Eckis Professor of Electrical and Computer Engineering at the University of Florida.

Dr. Khargonekar's has held faculty positions at the Universities of Florida, Minnesota, and Michigan. At The University of Michigan, he was Chairman of the Department of Electrical Engineering and Computer Science from 1997 to 2001, and also held the position of Claude E. Shannon Professor of Engineering Science. From 2001 to 2009, he was Dean of the College of Engineering at the University of Florida.

Dr. Khargonekar's current research and teaching interests include systems and control theory, machine learning, and applications to smart electric grid, neural engineering, and autonomous adversarial systems. He is a Fellow of IEEE and has been recognized as a Web of Science Highly Cited Researcher. He is a recipient of the NSF Presidential Young Investigator Award, the American Automatic Control Council's Eckman Award, the IEEE Baker Prize Award, the IEEE George Axelby Award, and Distinguished Alumnus Award from the Indian Institute of Technology, Bombay. He currently serves as a member of the Advisory Committee for the Engineering Directorate of the National Science Foundation.

Dr. Khargonekar received a B. Tech. Degree in electrical engineering from the Indian Institute of Technology, Bombay, in 1977, and a M.S. degree in mathematics and Ph.D. degree in electrical engineering from the University of Florida in 1980 and 1981, respectively.

SHANE KOSINSKI

Deputy Director for Operations



Shane Kosinski is the Deputy Director for Operations for the Advanced Research Projects Agency-Energy (ARPA-E), responsible for oversight and operations of all ARPA-E programs. Previously, Kosinski served as the Acting Deputy Director for ARPA-E. In this position, he was responsible for leading the Department-wide effort to stand up the ARPA-E Program Office and for developing the means to efficiently and effectively obligate Recovery funding for ARPA-E.

Prior to his work in ARPA-E, Kosinski worked in the Department of Energy's Office of the Chief Financial Officer. During this time, he led several agency-wide efforts for the 2009 Presidential Transition and the American Recovery and Reinvestment Act of 2009. Kosinski's analytical work focused on policy and financial issues for the Office of Energy Efficiency and Renewable Energy and the Office of Fossil Energy. During his time in the CFO's Office, Kosinski led several studies for DOE on implementation of the then recently authorized ARPA-E.

Kosinski entered the federal government through the competitive Presidential Management Fellows Program and began his federal career at the Treasury Department. During this time, Kosinski held several positions that focused on streamlining and improving Department-wide management operations. Kosinski has a B.S. in Economics and B.A. in Biological Science from Binghamton University. He earned a M.A. in Economics from the University at Albany.