

2018 ERC Annual Conference Speaker Biographies

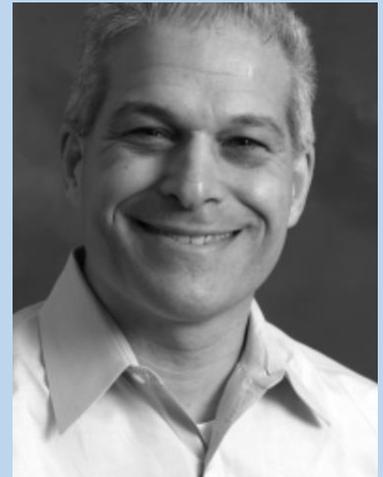
Peg AtKisson

M. S. (Peg) AtKisson, Ph.D. Dr. AtKisson earned her PhD in neuroscience from Tufts University after also working in cell biology and cancer biology. She began her research development career in 2001 as a contract grant writer, with clients including the Association for Computing Machines, Wake Forest University, Hunter College, Tufts University among others. Tufts created a position for her, where she subsequently created and fully staffed one of the earliest formal research development offices. On her departure from the position of director of proposal development, she and her team had been involved in bringing in over \$140,000,000 in funded grants. Funders included NIH, NSF, USAID, and the W. M. Keck Foundation. Most of these successful high-value proposals supported research centers and infrastructure. She also provided training for faculty and post-doctoral fellows in grant writing. She left Tufts to work with Grant Writers' Seminars and Workshops, where she spent eight years training university faculty in grantsmanship. She left GWSW in January 2017 to create AtKisson Training Group to expand support for faculty research development beyond grant writing. In addition to training in grant skills, ATG also provides support for high-value proposals and offers training and coaching in research leadership development for both beginning and established faculty members.



Anthony M. Boccanfuso

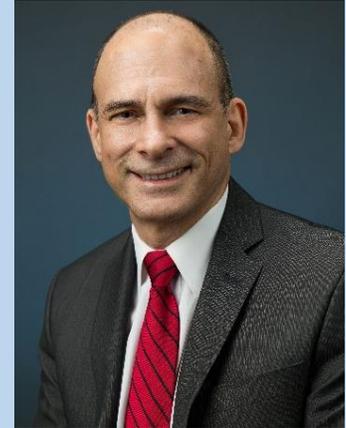
As the UIDP's President, Tony is a leading expert on university-industry relations and over the past 29 years, he has gained significant experience and insights by working in the academic, corporate, government and non-profit sectors. Tony holds a Ph.D. in Inorganic Chemistry from the University of South Carolina and a B.S. in Chemistry and Political Science from Furman University. Tony also serves as a consultant for government agencies, non-profit organizations and corporations and is the former Chair of the MedStar Health Research Institute. Tony is married to Dr. Laura Boccanfuso, who founded Van Robotics; along with their three children, they reside in Columbia, SC.



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Kenneth Brezinsky

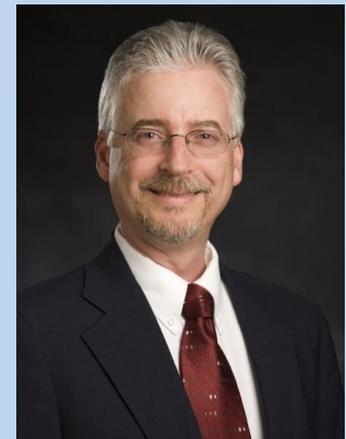
Kenneth Brezinsky is the Associate Dean for Research and Graduate Studies at University of Illinois at Chicago. Dr. Brezinsky received his B.S. degree Magna Cum Laude from the City College of New York with Honors in Chemistry. After devoting a few years to teaching science at the secondary school level he returned to the City University of New York to pursue graduate studies where he received his Ph.D. in Physical Chemistry. At the completion of his graduate work, Dr. Brezinsky joined the Chemistry Department of Brookhaven National Laboratory as a Postdoctoral Research Associate.



Subsequently, he went to the Mechanical and Aerospace Engineering Department of Princeton University to join the Fuels Research Laboratory of Professor I. Glassman as a Professional Research Staff member. Dr. Brezinsky was promoted to Research Scientist and then Senior Research Scientist. In 1996, Dr. Brezinsky was appointed Professor of Chemical Engineering at the University of Illinois at Chicago, and in 2003 assumed Professor of Mechanical Engineering position. His research interest is fuels combustion engineering. Dr. Brezinsky has published over two hundred refereed/unrefereed publications and made almost one hundred fifty scientific presentations. He has regularly taught graduate student level courses in combustion, thermodynamics, propulsion, compressible flow and pollution engineering and undergraduate classes in chemical and mechanical engineering. In his current position as Associate Dean for Research and Graduate Studies, Prof. Brezinsky organizes, coordinates and discovers research opportunities from government, foundation and industrial sources for UIC engineering faculty as well as providing guidance to the COE departmental graduate education programs.

Chuck Bunting

Chuck Bunting received the A.A.S. degree in electronics technology from Tidewater Community College, Virginia Beach, VA, in 1985, and the B.S. degree in engineering technology from Old Dominion University, Norfolk, VA in 1989. He received the M.S. degree in 1992 the Ph.D. degree in 1994 from Virginia Tech, Blacksburg, VA both in electrical engineering. From 1994 to 2001, he was an Assistant/Associate Professor in the Department of Engineering Technology, Old Dominion University where he worked closely with NASA Langley Research Center on electromagnetic field penetration in aircraft structures and reverberation chamber simulation using finite element techniques. In 2001, he joined the faculty of Oklahoma State University as an Associate Professor and was promoted to Professor in 2011. In 2012 he was named as the Halliburton Professor of Engineering and in 2016 named the Bellmon Chair. In late 2012 he



was appointed Associate Dean of Research for the College of Architecture and Technology. Chuck is the director of the Robust Electromagnetic Field Testing and Simulation Laboratory at Oklahoma State University where he is a Professor of Electrical and Computer Engineering. Under his leadership OSU has become an important center of EMC continuing education for the application of test methodologies for radiated emissions and susceptibility. His interests include electromagnetic field penetration in aircraft structures and reverberation chamber simulation using numerical and experimental methods, engineering education, applied computational electromagnetics, statistical electromagnetics, and electromagnetic characterization and application of reverberation chambers for communication systems. Chuck was named IEEE Fellow in 2018 for "for educational contributions to electromagnetic compatibility and reverberation chambers." He has served on the IEEE EMC society Board of Directors (2011-2016), Technical Activities Committee Vice Chair (2014-2016), and Vice-President of Technical Services (2017-2018).

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Eric Chapman

Eric Chapman is the Assistant Vice President for Research Development at the University of Maryland and leads the Research Development Office.

Eric joined the Division of Research at UMD in November of 2013, after working as the Senior Director of Corporate and Government Relations for the College of Computer, Mathematical and Natural Sciences and as the inaugural Deputy Director of the Maryland Cybersecurity Center (MC2). Eric came to the University of Maryland in 2011 following five years of service as the National Security Advisor to Senator Barbara A. Mikulski (D-MD) on Capitol Hill and extensive work in the Department of Justice.

Eric is responsible for building strong ties to federal funding agencies, federal Labs, industry, medical centers, foundations and other universities to facilitate the development of large, multi-disciplinary proposals and initiatives. He works closely with the Vice President for Research and the Director of National Research Initiatives to bring together and support teams of faculty from various disciplines and Colleges to pursue funding opportunities and to build cross campus, innovative research programs and initiatives. Eric received an M.A. from The Johns Hopkins University and his B.A. from Syracuse University, where he graduated Phi Beta Kappa.



Joan S. Cleveland

Dr. Joan S. Cleveland is presently the Deputy Chief Scientist in the Portfolio Directorate at the Office of Naval Research. She has previously served in ONR's Research Directorate as the Director of Discovery and Invention and in ONR's Ocean Battlespace Sensing Science and Technology Department as the Director (Acting) of the Ocean, Atmosphere and Space Division, Deputy Division Director of the Ocean Sensing and Systems Applications Division, and as a Program Officer in Littoral Geosciences and Optics, managing division responsibilities as well as basic and applied research.

Dr. Cleveland graduated from the University of California, Santa Barbara, with a B.A. cum laude in Aquatic Sciences in 1979. She completed her M.S. in 1984 and Ph.D. in 1988, both in Oceanography at the University of Washington. She followed that with positions as a National Research Council Post-Doctoral Research Associate at the Naval Research Laboratory, Stennis Space Center; Research Professor at San Diego State University; and Assistant Professor at the U.S. Coast Guard Academy. Dr. Cleveland arrived at ONR in 1996.



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Brian Ten Eyck

Brian Ten Eyck is the Assistant Dean for Research Development in the University of Arizona's College of Engineering. He works with faculty within the College and across the university to identify, create, and pursue research opportunities that are on a scale, and of a complexity, that faculty cannot pursue on their own. He has provided research development and project management support to the College for the last 13 years, and has been a thought leader at UA in the senior administration's push to bring in research development to the rest of campus. He has a reputation on campus for big idea thinking, as he was instrumental in establishing UA's Defense and Security Research Institute, a campus-wide Research Development Council, and an Engineering Faculty Research Council. He has also worked with central administration on strategic faculty cluster hires, as well as a process for limited solicitation proposals, and is currently working with his fellow Engineering Deans on formalizing a faculty mentoring program. He is a member of the National Organization for Research Development Professionals, and has served on three projects for the National Academies' University-Industry Demonstration Partnership (Co-Locating Industry on University Campuses, Master Research Agreements, and the National Laboratory Project). Before coming to UA, Brian worked for the Greater Tucson Economic Council, a public / private non-profit that facilitated economic development activities for the financial health of Greater Tucson. Prior to that, he spent a decade as an IT market research analyst and business strategy consultant. Brian received his B.S. in Electrical Engineering from Virginia Tech, and his M.A. in Linguistics from The University of Arizona.



Matt Hourihan

Hourihan is the director of the R&D Budget and Policy Program for the American Association for the Advancement of Science (AAAS), where he is a regular source of information and analyses on past, present, and future science budgets for policymakers and the science community. He has served in this position since 2011.

Prior to joining AAAS, he served as a clean energy policy analyst at the Information Technology & Innovation Foundation (ITIF). While at ITIF, he tracked federal energy R&D investments and innovation activities, and authored several white papers and policy briefs exploring the role of innovation in solving the nation's energy and climate challenges. He also regularly coordinated Congressional briefings, conferences, and events bringing together leading experts in government, industry, and academia. Previously, he served as Jan Schori Fellow at the Business Council for Sustainable Energy, a coalition of energy firms and utilities working to engage policymakers for market-based solutions to sustainable energy development and climate change.



As a student, he interned with the AAAS Center for Science, Technology and Congress, now the Office of Government Relations. He earned a masters degree in public policy with a focus on science and technology policy at George Mason University, and a B.A. in journalism from Ithaca College. He has also served as a cause communications professional and journalist in a variety of roles.

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Rosemarie Hunziker

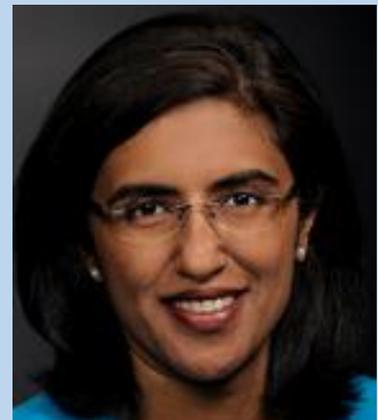
Rosemarie Hunziker, Ph.D. is the Director of Tissue Engineering/ Regenerative Medicine and ImmunoEngineering Programs at the National Institute of Biomedical Imaging and Bioengineering (NIBIB) within the National Institutes of Health (NIH) in the US Department of Health and Human Services (DHHS). In that capacity she has programmatic oversight of discovery and applied research grants. Dr. Hunziker brings a diverse background to this broad sphere of R&D. She has education, training and experience in microbiology, immunogenetics and immunochemistry, developmental biology, animal husbandry, molecular biology, tissue engineering/regenerative medicine and stem cells (with emphasis on the emerging area of “tissue chips”), biomaterials, and technology transfer. She is committed to nurturing discovery and realizing the practical benefits of the exciting developments at the forefront of cell-based tools and therapies.



Minu Ipe

Minu Ipe is the senior knowledge enterprise architect and senior fellow for leadership and institutional design at Arizona State University. In these roles, Professor Ipe services as an advisor to the president, working on multiple efforts that advance the design, strategy, and culture of ASU. She leads the ASU Design Accelerator, an initiative focused on strengthening and creating new capabilities in leadership, innovation mindset, and transdisciplinary collaboration. She is a clinical professor with the Department of Management and Entrepreneurship.

Prior to this role, Minu was the faculty director of the Professional MBA programs at the W. P. Carey School of Business for seven years. She led multiple programs through curriculum development, structural changes, and the introduction of a new MBA platform to keep these programs agile and responsive to changes in the economy, student, and employer needs.



Professor Ipe is a co-founder and steering committee member of the Leadership Academy, an innovative program that develops leaders and multi-disciplinary research teams at ASU. She also co-leads the Advanced Leadership Initiative, a new effort aimed at cultivating a pool of senior leaders who can advance ASU into its future.

In addition to her work at ASU, Professor Ipe has engaged with a number of organizations to design and develop their leadership capabilities. She has led programs for senior, mid-career, and young leaders across multiple local and global organizations in the private, public, and nonprofit sectors.

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Kristen Jordan

Dr. Kristen Jordan is a Program Manager currently overseeing the Mercury and Proteos programs. Her research interests include SIGINT analytics, event detection, weapons of mass destruction (WMD), specifically in the areas of chemical and biological warfare, and emerging biotechnology. Dr. Jordan is researching novel ways to analyze large streams of data to detect societal level events to include disease outbreak, civil unrest, and military activities. Dr. Jordan also directs research in the areas of biosurveillance, human identification, and discovery of novel biomarkers indicative past of exposure to chemical warfare agents.



Before joining IARPA, Dr. Jordan was a consultant, including to IARPA, providing technical expertise in weapons of mass destruction analysis, assessments of emerging biotechnical trends, disease outbreak detection, chemical sensor technologies and medical diagnostics to government customers. Prior to that she was the Deputy National SIGINT Intelligence Officer for WMD at the National Security Agency (NSA) as well a chemical and biological warfare analyst for the agency. She worked on technical chemical and biological defense technology development at US Army's Dugway Proving Ground and provided training for DoD elements with counterproliferation missions. She also served as a WMD all-source analyst in for the U.S. Army's National Ground Intelligence Center. Dr. Jordan worked overseas as a WMD analyst in Iraq and was selected by the CIA's Special Advisor for Strategy on Iraq's WMD Program to write the final report on the Iraqi WMD program for the White House. Dr. Jordan received her Ph.D. in Toxicological Sciences from the Johns Hopkins University School of Hygiene and Public Health with an emphasis on inhalational toxicology and immunosuppression. She completed postdoctoral work in chemical risk assessment at the University of Florida and worked as a toxicological consultant before entering the federal government.

Daniel Kramer

Daniel Kramer has 30 years of experience in multiple facets of leadership, program management, and business development for corporate and academic focused organizations.

Dan is the Associate Vice President of the Industrial Liaison Office (ILO) at The Ohio State University. The ILO cultivates and fosters meaningful partnerships with corporations worldwide by supporting their innovation and research needs through connection with OSU students, faculty, and assets; and by advocating for university culture, policy, and process changes that improve B2B engagement. ILO is a partner within the OSU corporate engagement framework, which harmonizes corporate partnerships across student engagement, research, knowledge transfer, development, and affinity; guided by a dedicated relationship management philosophy.



Prior to joining OSU, Dan spent 20 years with Battelle's Medical Device Solutions (MDS) Group. During this time, Dan led numerous multidisciplinary product development teams responsible for commercial deployment of revolutionary systems for surgical, cellular therapy, and diagnostic applications.

Dan shares Inventorship on 13 patents, is a recipient of R&D 100 and Medical Design Excellence awards, and is a Distinguished Alumni of the OSU College of Engineering. He is a certified Project Management Professional and received his B.S. in Electrical Engineering, and M.S. and Ph.D. in Biomedical Engineering, from OSU.

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Crystal Leach

Crystal Leach is a Director of Industry Collaborations at the University of Georgia. Crystal is a native of Ohio and earned a Bachelor's of Science in Chemical Engineering and a Master's of Science in Biomedical Engineering from the University of Akron. She continued her focus on biomaterials in her doctoral program at Clemson University, earning a Ph.D. in Textiles and Polymer Science.

Beginning as a research scientist and advancing through the technical ranks, Crystal developed extensive corporate experience at all levels during her 18 years at Kimberly-Clark, a Fortune 500 global health and hygiene company. As a Research Director, she led global teams of engineers and scientists, overseeing the innovation and technology development portfolios for both the Health Care and Professional sectors. During this time, she was responsible for bringing over 25 medical products to market globally.



In 2016, Crystal accepted the newly created position of Director of Industry Collaborations at the University of Georgia. In this role, Crystal works with faculty and administration across the university to build industrial partnerships that align with UGA's research capabilities and strategic priorities. Additionally, Crystal is actively engaged in the innovation and entrepreneurship ecosystem at UGA, including serving as a teacher and business mentor for the University's recently awarded NSF Innovation Corps program.

Crystal holds six US and European patents, has presented at numerous conferences and in 2005 was named The University of Akron's Distinguished Engineering Alumni. She is a member of the Society of Women Engineers, the Society for Biomaterials and the Southeastern Medical Device Association. In 2018 she was elected as a Fellow to the American Institute of Medical and Biological Engineering (AIMBE).

Mark Marin

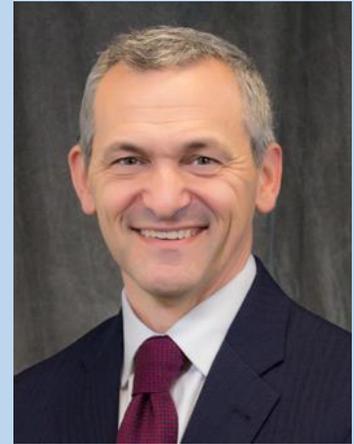
Mark Marin is Chief of Staff for the House Committee on Science, Space, and Technology. The Committee has general jurisdiction over all non-defense federal scientific research and development, and direct oversight for all or large parts of NASA, the Department of Energy, the Environmental Protection Agency, NIST, NOAA, and the National Science Foundation. From 2008-2014, Mark was deputy staff director for House Committee on Oversight and Government Reform, which has jurisdiction over "any matter at any time." At the committee, he was responsible for managing the Committee's oversight and investigative activities. Prior to that, Mark worked for 10 years at a D.C.-based government relations firm managing a range of issues on behalf of research universities, federal laboratory managers, and non-profit organizations. His first job after college in 1996 was as a public affairs associate for the American Society for Engineering Education, providing reports to ASEE members on federal policy issues. He is a graduate of the University of North Carolina at Chapel Hill.



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Keith Marmer

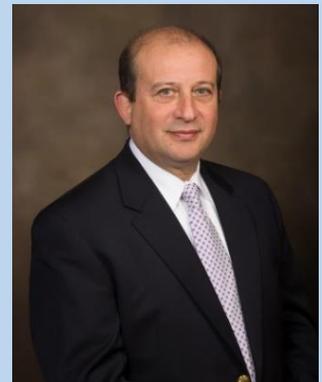
Keith Marmer is the executive director and associate vice president of Technology and Venture Commercialization, an intellectual property and technology commercialization office, at the University of Utah. He joined the U with considerable experience in technology commercialization, entrepreneurship, and venture capital. Prior to joining University of Utah, Marmer co-founded SG3 Ventures, an early stage venture capital fund. He previously served as the chief business officer at the Penn Center for Innovation at the University of Pennsylvania, where he led the Center's day-to-day commercialization activities. Prior to this, Marmer directed Penn State College of Medicine's technology commercialization office and served as associate dean for research innovation. As an entrepreneur, Marmer has founded and led four companies. During his career, Marmer has helped launch and advise over 50 companies that have raised more than \$500 million in investment capital.



Dr. Marmer holds a Doctor of Physical Therapy, a Master of Business Administration and a Master of Physical Therapy, all from the University of the Sciences in Philadelphia. After graduating with his degrees in physical therapy, Marmer worked as a physical therapist.

Vahid Motevalli

Dr. Vahid Motevalli is the Associate Dean for Research and Innovation in the College of Engineering (CoE) and Professor of Mechanical Engineering at Tennessee Technological University (TN Tech). He also serves as the Interim-Director of the Center for Manufacturing Research at TTU. His key responsibilities include; oversight of the graduate program, faculty recruitment and start-up funding, innovation and intellectual property activities, undergraduate research and oversight and direction of all CoE research centers. Under his leadership, the college graduate enrollment has increased by 50% since 2013, external funding by 35% and PhD enrollment has achieved historical high. He obtained all his degrees in Mechanical Engineering from the University of Maryland at College Park. He has served in administrative and faculty positions at WPI, the George Washington University and Purdue University prior to TN Tech.



His experience includes working at NIST as Guest Scientist, staff member of the Committee on Science of the US House of Representative as the ASME/AAAS Congressional Fellow (1995-96) and Senior Fellow of the GW Homeland Security Policy Institute. He continues to be active in ASME, SAE, the National Academies TRB as well as representing TN Tech in a number of ASEE Divisions. He has over 100 technical publications in addition to reports, presentations and invited talks and has directed over 40 graduate students. His research activities have been supported by more than \$15 million in funding thus far in his career.

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Kathie L. Olsen

The Honorable Dr. Kathie L. Olsen is the Founder and Managing Director of ScienceWorks International, LLC, a consulting firm in Washington, D.C. dedicated to helping people and organizations succeed in their science and engineering research pursuits.

Before founding ScienceWorks, Dr. Olsen served over 20 years in the federal government in a variety of scientific leadership positions, including the Deputy Director and Chief Operating Officer of the NSF, Associate Director and Deputy Director for Science of the Office of Science and Technology Policy (OSTP) in the Executive Office of the President; Chief Scientist for NASA and the Acting Associate Administrator for NASA's Biological and Physical Research Enterprise.

Dr. Olsen earned her Ph.D. in Biology/Neuroscience from UC-Irvine. Her Postdoctoral Fellowship was in the Department of Neuroscience at Children's Hospital of Harvard Medical School. Her first academic position was at SUNY-Stony Brook and her research program on the neural and genetic bases of behavior was supported by NIH. She has served on review panels for NIH, NSF, DOD, as well as foreign governments, international research institutes, and UNESCO. Presently, she is a member of the DHS Advisory Committee for Science and Technology.

Dr. Olsen holds numerous career awards including AIAA's Public Service Award, NASA's Outstanding Leadership Medal, NSF Director's Award of Excellence, and the Royal Norwegian Order of Merit. She is an elected Fellow of the AAAS and the Association for Women in Science.



Alton D. Romig

Dr. Alton D. Romig, Jr. is the Executive Officer of the National Academy of Engineering. Under Congressional charter, the Academy provides advice to the federal government, when requested, on matters of engineering and technology. As Executive Officer, Dr. Romig is the Chief Operating Officer responsible for the program, financial and membership operations of the Academy, reporting to the President. Prior to joining the Academy, he served as Vice President and General Manager of Lockheed Martin Aeronautics Company Advanced Development Programs, better known as the Skunk Works®. Dr. Romig spent the majority of his career at Sandia National Laboratories, operated by the Lockheed Martin Corporation. He joined Sandia as a Member of the Technical Staff in 1979 and moved through a succession of R&D management positions leading to appointment as Executive Vice President in 2005. He served as the Deputy Laboratories Director and Chief Operating Officer until 2010 when he transferred to the Skunk Works.



Dr. Romig graduated summa cum laude from Lehigh University in 1975 with a BS in Materials Science and Engineering. He received his MS and PhD in Materials Science and Engineering from Lehigh University in 1977 and 1979, respectively. Dr. Romig is a Fellow of ASM International, TMS, IEEE, AIAA and AAAS. Dr. Romig was elected to the National Academy of Engineering in 2003 and the Council of Foreign Relations in 2008. He was awarded the ASM Silver Medal for Materials Research in 1988.

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Chris Schreiber

Chris Schreiber is a member of the Global Pursuit Specialist team with FireEye. Chris has nearly 20 years of IT and information security experience across the higher education, IT managed services, and financial services industries. This includes more than 8 years leading enterprise information security programs as a CISO and BISO.

Before joining FireEye, Chris was the CISO and HIPAA Security Officer at the University of Arizona where he was responsible for all aspects of information security across a decentralized \$2 billion enterprise with more than 15,000 employees and supporting more than 42,000 students. Chris held prior information security and IT leadership positions with SunGard Data Systems, the University of Wisconsin, and Central Michigan University.

Chris has a Bachelor of Science in Business Administration from Central Michigan University, a Masters Certificate in Project Management from the University of Wisconsin – Madison, and holds certifications including Certified Information Security Manager (CISM) and Project Management Professional (PMP).

