

Assessing Research Security Efforts in Higher Education

A Meeting of Experts

National Academy of Sciences Building
Room 125
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SPEAKER BIOGRAPHIES

Chaouki T. Abdallah, Ph.D., joined the Georgia Institute of Technology (Georgia Tech) on September 1, 2018 as a Professor of Electrical & Computer Engineering and the Executive Vice President for Research. Prior to that, he was a professor of Electrical and Computer Engineering at the University of New Mexico (UNM). He also served as Chair of the ECE department at UNM between 2005 and 2011, and as Provost of UNM between July 2011 and August 2018. Between January 2017 and February 2018, he also served as the 22nd President of UNM. As the chief research officer of Georgia Tech, Abdallah provides overall leadership for the Institute's \$1 billion portfolio of research, economic development, and sponsored activities, including the Georgia Tech Research Institute, eleven interdisciplinary research institutes, and related research administrative support units. He also serves on the executive committee of the Council on Research for the Association of Public and Land-Grant Universities, the executive committee for the Government-University-Industry Research Roundtable, and the advisory committee for the Center on Measuring University Performance.

Abdallah obtained his Bachelor's of Engineering (B.Eng.) degree from Youngstown State University in 1981, and his M.S. and Ph.D. in Electrical Engineering from Georgia Tech in 1982, and 1988 respectively. Abdallah conducts research and teaches courses in the general area of systems theory with focus on control, communications, and computing systems. Abdallah is a senior member of Institute of Electrical and Electronics Engineers (IEEE), is a recipient of the IEEE Millennium medal, and is fluent in English, French, and Arabic.

Deborah Altenburg serves as Vice President for Research Policy and Advocacy at the Association of Public and Land-Grant Universities (APLU). She is responsible for issues related to federal research policy and funding advocacy. She works with both the Office of Congressional and Governmental Affairs and the Office of Research, Innovation & STEM Policy to ensure integration and cohesiveness of APLU research advocacy. Prior to this role Altenburg served as the Assistant Vice Chancellor for Federal

Relations for The State University of New York (SUNY). In this position, she led federal research and policy advocacy efforts for the 64 campus SUNY System. Altenburg also previously served for 15 years as Director of Federal Relations for Rensselaer Polytechnic Institute (RPI). During her tenure at RPI she served a term as President of the Science Coalition and three-year term as a Board Member for the National Association of Independent Colleges and Universities (NAICU).

Altenburg began her career in Washington, D.C. working for her hometown Congressman- United States Representative Sherwood Boehlert. Congressman Boehlert served as Chairman of the House Science Committee. Altenburg worked for Congressman Boehlert for over seven years rising to the position of Legislative Director. She received a Bachelor of Engineering (B.Eng.) in Biomedical Engineering from Vanderbilt University.

Holly Bante, Ph.D., M.P.H., serves as the Associate Vice President for Research Security and Ethics in the Office of Research at the University of Cincinnati (UC). Research Security and Ethics encompasses export control, cybersecurity in research, conflicts of interest, foreign influence, classified research and international collaboration. Bante serves as the institutional official for conflicts of interest and the empowered official for export controls. Since 2019, she sits on the steering committee for the Association of American Medical Colleges (AAMC) Forum on Conflicts of Interest and holds an adjunct assistant professor position in UC's College of Medicine where she teaches responsible conduct of research (RCR) to graduate students and biomedical ethics to undergraduate students in the Medical Sciences program.

Sara Barber, Ph.D., serves as a Science Policy Advisor in the Office of the Chief of Research Security, Strategy, and Policy (OCRSSP) at the National Science Foundation (NSF). In this role, she helps develop and implement policies that strengthen research security capabilities in service of NSF's mission. Prior to joining NSF in May, Barber spent a year with the consulting firm Lewis-Burke Associates where she worked closely with university clients to achieve their policy and research program goals. Before that Barber worked for seven years with the House Science, Space, and Technology (SST) Committee. Barber was the SST Democratic staff lead on policy issues related to NSF and the interagency, including research security. In that effort Barber helped advance key research security provisions in the National Defense Authorization Acts of 2020 and 2021 as well as the CHIPS and Science Act of 2022. Barber came to DC in 2015 on an American Association for Advancement of Science (AAAS) Science and Technology Policy Fellowship after graduating with her Ph.D. in Physics from the University of Oklahoma the same year.

Kelvin K. Droegemeier, Ph.D., is Professor of Atmospheric Science and Special Advisor to the Chancellor for Science and Policy at the University of Illinois at Urbana-Champaign. Droegemeier served as the Regent's Professor of Meteorology, Weathernews Chair Emeritus, and Roger and Sherry Teigen Presidential Professor at the University of Oklahoma, where he had been a member of the faculty from 1985-2023. He previously served as the University of Oklahoma's vice president for research from 2009 to 2018 and founded and served for five years as director of the Sasaki Institute, which fostered the development and application of knowledge, policy, and advanced technology for societal impact. He served as chair of the Association of Public and Land Grant University's Council on Research Policy and Graduate Education (now the Council on Research) and is a fellow of both the American Meteorological Society and American Association for the Advancement of Science.

Droegemeier's federal science and policy leadership roles include serving on the National Science Board from 2004 to 2016, the last four years as vice chair, and directing the White House Office of Science and Technology Policy (OSTP) from 2019 to 2021. Concurrent with his leadership of OSTP he also served as acting director of the National Science Foundation for two and a half months in 2020. At the state level, he was appointed to the Oklahoma Governor's Science and Technology Council, serving from 2011 to 2019, and as Cabinet Secretary of Science and Technology from 2017 to 2019.

Daniel Engebretson, Ph.D., was named the vice president for research and sponsored programs for the University of South Dakota (USD). Most recently, Engebretson served as chair of the Department of Biomedical Engineering at USD and founding director of the Graduate Education and Applied Research (GEAR) Center in Sioux Falls. In 2017, Engebretson launched an associate degree program and a baccalaureate program in 2019 to support the biotech/medtech industry in Sioux Falls and to grow the workforce in the field. He has served as an advisor and mentor to dozens of graduate students, six of whom have started their own biotech/medtech companies in South Dakota. While at USD, Engebretson has been recognized for his outstanding research, including this year's President's Award for Research & Innovation. Tailored Medical Devices, a company he founded with USD graduate students Jordan Anderson and Sujana Lamichhane, received a \$225,000 Phase I Small Business Innovation Research (SBIR) grant from the National Institutes of Health (NIH) to develop a USD-owned technology for the treatment of vascular disease. In total, Engebretson has received more than \$3.6 million in SBIR and Small Business Technology Transfer (STTR) awards. He has also served on the leadership team for two Governor's Research Centers – the Center for Research and Development of Light-Activated Materials (CRDLM) and the Biosystems Networks/Translational Research (BioSNTR). Engebretson holds a doctorate in physical chemistry from Michigan State University.

Patrick Gallagher, Ph.D., is a professor of Physics at the University of Pittsburgh, following 9 years as Chancellor between 2014 and 2023. Prior to joining Pitt, Gallagher served for 21 years at the National Institute of Standards and Technology (NIST), in various roles, including as Director of the NIST Center for Neutron Research between 2004 and 2008, and as NIST Director and Undersecretary of Commerce for Standards and Technology between 2009 and 2014. Between 2013 and 2014 he was concurrently acting as Deputy Secretary of Commerce. Gallagher has served on many independent boards, including for the American Association of Universities, the Association of Public and Land grant Universities, and Internet2. He has also served on the National Commission on Forensic Science (co-chair, 2014) and the National Commission on Enhancing Cybersecurity (2014). He has a doctorate in Physics from the University of Pittsburgh. He has previously served on several National Academies of Sciences, Engineering, and Medicine boards and committees, including as co-chair of the Committee on Protecting Critical Technologies for National Security in an Era of Openness and Competition, as a member of Committee for an Assessment of and Outlook for New Materials Synthesis and Growth, Board on Physics and Astronomy (2007-2009), and the Neutrino Facility Advisory Committee (2002-2003).

Kevin Gamache, Ph.D., is the Associate Vice Chancellor, Chief Research Security Officer, and Director of the Research and Innovation Security and Competitiveness (RISC) Institute for The Texas A&M University System (A&M System). In this capacity, he is responsible for ensuring that the eleven universities and eight state agencies within the A&M System comply with U.S. Government requirements for protecting sensitive federal information. He manages the A&M System's security relationships with the Department of Defense, Energy, and the Intelligence Community. Gamache created the Academic

Security and Counter Exploitation Program, an affinity group of security and compliance professionals at universities across the United States. He was instrumental in establishing an annual security conference explicitly focused on the unique challenges of maintaining an effective security program in the open environment of academia. His leadership role and efforts on behalf of the academic security community resulted in The Texas A&M University System's industrial security program receiving the James S. Cogswell Award from the Defense Counterintelligence and Security Agency (DCSA) in 2015, 2020, and 2023. In 2017, 2019, and 2023, the A&M System received the DCSA Award for Excellence in Counterintelligence. In 2023, Gamache established the Research and Innovation Security and Competitiveness (RISC) Institute within the A&M System. The RISC Institute develops partnerships with higher education institutions and diversifies the scope of innovative solutions by collaborating with industry and government research security expertise.

Prior to his current position, Gamache was the Executive Programs Training Manager for the Texas Engineering Extension Service's National Emergency Response and Rescue Training Center (NERRTC). A member of the National Domestic Preparedness Consortium, NERRTC was established to train local and state officials and emergency responders to prepare for and respond to acts of terrorism, including weapons of mass destruction, natural disasters, and catastrophic incidents. He joined NERRTC in 2005 after serving twenty-four years in the United States Air Force. His military career included a wide range of command, nuclear operations, maintenance, logistics, and counter-proliferation assignments in Wyoming, Montana, Texas, and Washington, D.C. His final Air Force assignment was as the 341st Maintenance Group Commander at Malmstrom AFB in Montana, where he retired as a Colonel. Gamache holds a Doctor of Philosophy (Ph.D.) in Water Management and Hydrological Science from Texas A&M University, a Master of Science (M.S.) in National Resource Strategy from the Industrial College of the Armed Forces, a Master of Science (M.S.) in Management, with a concentration in Management Information Systems from Lesley University; and a Bachelor of Science (B.S.) in Biology from Angelo State University.

Kris Gardner is the Director for Science and Technology (S&T) Protection in the S&T Program Protection office in the Office of the Under Secretary of Defense for Research and Engineering. Gardner is responsible for developing options for protecting emerging S&T to maintain U.S. Department of Defense (DoD) technical advantage. He generates DoD S&T protection policy and ensures its consistent implementation across the Department. Prior to his current role, Gardner served as the Director for Army S&T Special Programs and Intelligence, where he was responsible for integrating Army S&T Enterprise research and development (R&D) activities with the Intelligence Community. Gardner also served as the Acting Director for Research and Technology (R&T) in the office of the Deputy Assistant Secretary of the Army for R&T, where he was the principal planner, advisor, and top-level coordinator for the Army S&T program. He oversaw the development and defense of the Army's Applied Research and Advanced Technology Development investment strategies, prioritization, integration, program justification, and coordination with users. He also managed the S&T Special Access Programs, Technology Maturation Initiative (competitive prototyping), and Manufacturing Technology investments. Gardner's Army S&T experience also includes his service as Director for the Command, Control, Communications and Intelligence (C3I) S&T Portfolio, providing oversight of Army S&T efforts for C3I systems including communications, mission command, electronic warfare, cyber, and intelligence-related information and materiel needs to enable planning and operation by Army forces.

Additionally, Gardner previously worked in the Office of the Assistant Secretary of Defense for Research and Engineering (R&E) as Director of the Office of Technical Intelligence. In this role, he identified emerging and potentially disruptive S&T, recommended efficient R&D strategies, and coordinated intelligence collection, analysis, and dissemination plans to inform R&E activities.

Gardner holds a Bachelor of Science (B.S.) in Chemical Engineering from the University of Virginia. He is an Eagle Scout and Assistant Scoutmaster for two Scouts' BSA Troops.

Mark Haselkorn, Ph.D., is Professor of Human Centered Design & Engineering at the University of Washington and, since its creation in 2014, Director of the Center on Collaborative Systems for Security, Safety, and Resilience. Haselkorn was the founding Chair of what is now the Department of Human Centered Design & Engineering in the College of Engineering at UW. Beginning this September, Haselkorn is Director of the new National Center for Safeguarding the Entire Community of the U.S. Research Ecosystem (SECURE), mandated in the "CHIPS and Science Act of 2022" and funded by the National Science Foundation. Haselkorn's previous projects include the Virtual Coordination Center, funded by the U.S. and Washington State Departments of Transportation, which is now an ongoing program funded by the Washington State Legislature that enables regional agencies to collaborate on integrated management of the Seattle I-5 transportation corridor. Other past projects he has led include the CANUS Maritime Information Sharing Pilot Project, Project Interoperability in Puget Sound (PIPS), and the Maritime Operations Information Sharing (MOISA) project, research partnerships sponsored by the U.S. Department of Homeland Security (Coast Guard, CBP, Border Security, and First Responders), the Program Manager for the Information Sharing Environment (PM-ISE), and the National Maritime Intelligence-Integration Office (NMIO). Professor Haselkorn also conducted research on disaster preparedness messaging for the Red Cross Global Disaster Preparedness Center and led an NSF initiative to define the emerging frontier of "Humanitarian Service Science & Engineering." He has worked with the military on a number of projects, including the integration of the U.S. Department of Defense (DoD) and VA electronic medical records and the Air Force's strategic management of Information and Communications Technology (ICT) under the threat of Y2K (a study published by the National Research Council). Haselkorn has conducted foundational research in the area of intelligent transportation systems, including development of the first Web-based real-time traveler information system (Traffic Reporter, 1990). Haselkorn received his Ph.D. in English Language at the University of Michigan.

Nayantara Hensel, Ph.D., is the Chief Economist and Senior Advisor at Seaborne Defense. Hensel has done extensive work over the past two decades on the defense industrial base, the importance of critical materials (such as rare earths) on supply chains, national security budgeting and strategy, and energy markets, as well as the impact of economic forces and regulatory initiatives across a variety of industries, including housing. She is the Chief Economist and Senior Advisor for Seaborne Defense and is a member of the Secretary of the Air Force's Advisory Group. She previously served as the Chief Economist for the Department of the Navy where she played a significant role in defense industrial base issues, budget issues, and acquisition policy development. She subsequently served as Professor of Industry and Business at the National Defense University's Eisenhower School, where she played a significant leadership role in the development of the defense resourcing program. In 2013, she was awarded the Department of Defense Joint Civilian Service Commendation Medal. She also taught at the Naval Postgraduate School, Harvard University, and the Stern School of Business at New York University. Hensel has also focused on the impact of economic forces on financial stability across industries and developed regulations in her role as Chief Economist of Public Company Accounting Oversight Board

(PCAOB) and the Director of the Office of Economic and Risk Analysis, as well as during her six years at Federal Housing Finance Agency (FHFA) leading economic teams in analyzing changes in the housing market and regulatory initiatives.

Hensel received her B.A., M.A., and Ph.D. from Harvard University, where she graduated magna cum laude and Phi Beta Kappa and specialized in economics and finance. Hensel authored *The Defense Industrial Base: Strategies for a Changing World* (which has been published in hardback, paperback, and Kindle), as well as has written over 60 articles and research reports, including 25 articles in peer-reviewed journals and books. She has appeared on CNBC, PBS, Fox Business TV, Voice of America, and Reuters TV, as well as has conducted a variety of radio interviews on ABC, CBS, NPR, Wall Street Journal Radio, Bloomberg Radio, AP, etc.

Jeremy Ison is the Senior Advisor for Research Security for the Under Secretary for Science and Innovation at the U.S. Department of Energy (DOE). The portfolio includes managing research security policy development and implementation across the DOE enterprise.

Previously, Ison has spent over thirteen years in various national security positions and advisory roles within DOE.

Ison received a Graduate Certificate in International Affairs from the Bush School of Government and Public Service at Texas A&M University and a Bachelor of Science degree in Political Science from the University of Houston.

Benjamin F. Jones, Ph.D., M.Phil., is the Gordon and Llura Gund Family Professor of Entrepreneurship and a Professor of Strategy. An economist by training, Professor Jones studies the sources of economic growth in advanced economies, with an emphasis on innovation, entrepreneurship, and scientific progress. He also studies global economic development, including the roles of education, climate, and national leadership in explaining the wealth and poverty of nations. His research has appeared in journals such as *Science*, the *Quarterly Journal of Economics* and the *American Economic Review*, and has been profiled in media outlets such as the *Wall Street Journal*, the *Economist*, and *The New Yorker*. A former Rhodes Scholar, Jones served in 2010-2011 as the senior economist for macroeconomics for the White House Council of Economic Advisers and earlier served in the U.S. Department of the Treasury. Jones is a non-resident senior fellow of the Brookings Institution, a research associate of the National Bureau of Economic Research, where he co-directs the Innovation Policy Working Group, a senior fellow of the Institute for Progress, and a member of the Council on Foreign Relations.

Michael Lauer, M.D., is the Deputy Director for Extramural Research at the National Institutes of Health (NIH), where he serves as the principal scientific leader and advisor to the Director of the NIH on all matters relating to the substance, quality, and effectiveness of the NIH extramural research program and administration. He received education and training at Rensselaer Polytechnic Institute, Albany Medical College, Harvard Medical School, Harvard School of Public Health, and the NHLBI's Framingham Heart Study. He spent 14 years at Cleveland Clinic as Professor of Medicine, Epidemiology, and Biostatistics. During his tenure at the Clinic, he led a federally funded internationally renowned clinical epidemiology program that applied big data from large-scale electronic health platforms to questions regarding the diagnosis and management of cardiovascular disease. From 2007 to 2015 he served as a Division Director at the National Heart, Lung, and Blood Institute (NHLBI), where promoted efforts to leverage big data infrastructure to enable high-efficiency population and clinical research and efforts to

adopt a research funding culture that reflected data-driven policy. He has received numerous awards including the NIH Equal Employment Opportunity Award of the Year and the Arthur S. Flemming Award for Exceptional Federal Service in recognition of his efforts to grow a culture of learning and accountability.

Michele Masucci, Ph.D., was appointed as the vice chancellor for research and economic development by Chancellor Jay A. Perman in September 2022. In this role she works to focus the University System of Maryland's expertise, programs, and resources in economic development to promote technology commercialization, workforce development, entrepreneurship, and partnerships among USM institutions and both private- and public-sector organizations. Masucci previously served as the Vice President for Research at Temple University, Director of the Information Technology and Society Research Group and Professor and Chair of the Department of Geography and Urban Studies. At Temple University, she led the research enterprise for 10 years, overseeing its rise as the 4th fastest growing research enterprise in the U.S. based on FY 2021 reported research expenditures. She also leads the Federal Demonstration Partnership as the Faculty Co-Chair and President of the Federal Demonstration Partnership Foundation and is a member of the board of directors for Oak Ridge Associated Universities and the University City Science Center. Masucci earned her bachelor's degree in geography and regional planning from Salisbury University (SU), before receiving her master's and doctorate—both in geography—from Clark University. In addition to her vice chancellor position, Masucci also holds an appointment as professor of Geography and Environmental Systems at the University of Maryland, Baltimore County (UMBC).

Bindu Nair, Ph.D., is Director for Basic Research at the U.S. Department of Defense, within the Office of the Secretary of Defense (OSD). In this role, she is responsible for oversight and coordination of the Department's \$2.2 billion investment in basic science. This investment supports high risk and high pay-off basic research projects in fields including physical science, life science, environmental science, applied mathematics, and others that probe the limits of today's technologies and discover new phenomena and know-how that may ultimately lead to future technologies for the Department. Prior to her assignment to OSD, Nair worked for the Department of the Army with oversight responsibilities over the science and technology program in power and energy. She has worked in the DoD laboratory system at Natick Soldier Research, Development and Engineering Center as well as in private industry at Foster Miller (Waltham, MA). Her research expertise is in the field of Material Science and Engineering including nanomaterials, polymers, and organic electronic materials, and she has taught graduate level courses in Polymer Synthesis. She has published primarily in membrane and materials development fields and holds patents in fuel cell technologies. Nair holds a Bachelor of Science (B.Sc.) from the University of Florida and a Ph.D. from the Massachusetts Institute of Technology in Materials Science and Engineering.

Sonya Smith obtained her Ph.D. in Mechanical and Aerospace Engineering from The University of Virginia (UVA) and was the first African-American woman to do so. Smith joined the Howard University faculty that same year and is the first female Professor in the Department of Mechanical Engineering. Smith has established an interdisciplinary theoretical and computational research laboratory entitled the Applied Fluids-Thermal Research Laboratory (@FTERLab). Her expertise is in developing customized simulations for a variety of engineering applications. Current projects include thermal management of electronic packaging in fixed-wing, unmanned aerial vehicle (UAV) and space vehicles; as well as modeling and simulation of biomechanical systems. She has received support for her research from NSF,

NIH, NASA, DoD and industry. Smith is a Fellow of the American Academy of Arts and Sciences, a Fellow of the American Society of Mechanical Engineers (ASME), and an Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA). Her memberships in other professional societies include, the American Meteorological Society (AMS), the American Geophysical Union (AGU), the Society of Women Engineers (SWE), the National Technical Association (NTA) and the National Society of Black Engineers (NSBE). She is also served President of Sigma Xi: The Scientific Research Honor Society from June 2019-July 2020 and is a lifetime member. As an experienced scientist and engineer, Smith is committed to promoting diversity, equity, and inclusion. She leads Howard University's NSF ADVANCE-IT award (HU ADVANCE-IT). ADVANCE-IT aims to solve the institutional and national problem of Advancement and Leadership of Women in STEM. She is a long-time board member and former President of the Women in Engineering ProActive Network (WEPAN). The WEPAN is a leading champion in North America for advancing women's inclusion in engineering. Smith's personal goal is to be a mentor and resource for all students and young faculty/professionals, but especially to those traditionally underrepresented in STEM.

Toby Smith oversees matters related to science and innovation policy, broader impacts of science, and Association of American Universities' (AAU's) international activities. He shares responsibility for matters concerning research costs and other regulatory and compliance issues, including facilities and administrative costs, export controls, scientific openness and security, public access to research results, and technology transfer. He also staffs the AAU Senior Research Officers constituent group. Smith previously worked as a federal relations representative for the University of Michigan and for MIT. He began his career on Capitol Hill as a legislative assistant to Congressman Bob Traxler (D-MI). Smith serves on the Advisory Board of the International Network for Advancing and Evaluating the Societal Impact of Science; is a member of the Council of Experts for the NSF sponsored Center for Advancing Research Impact in Society; and is co-chair of Engaging Scientists in Engineers in Policy, an ad hoc alliance of organizations focused on helping scientists and engineers to effectively engage in the policy making process at all levels of government. Smith writes and speaks widely on issues of science policy. He is the co-author of a 2008 book on national science policy titled *Beyond Sputnik – U.S. Science Policy in the 21st Century*. He is active in the American Association for the Advancement of Science (AAAS) where he is honorific fellow and officer of the Societal Impacts of Science and Engineering section (Section X). He also serves as a member of the AAAS Committee on Science, Engineering and Public Policy. Smith holds a master's degree in Legislative Affairs from George Washington University, and a bachelor's degree in general studies from the University of Michigan.

Sarah Spreitzer represents the American Council of Education (ACE) and its members on matters related to research policy and funding, federal policy, international students, immigration, and legislative issues. Before joining ACE, Spreitzer held senior positions in higher education advocacy at the University of Missouri System, Lewis-Burke Associates LLC, and the University of Washington's Office of Federal Relations. At the University of Missouri System, she served as the director of federal relations, working to connect system and campus leadership, as well as faculty and staff, with congressional offices and key science and education agencies to influence federal policy, inform the university of federal opportunities, and position the university within emerging federal initiatives. At Lewis-Burke, she represented an array of public and private institutions of higher education before Congress and the federal agencies, including the University of Illinois System, the University of Southern California, the University of Virginia, and the University of Cincinnati. Before coming to Lewis-Burke, Spreitzer served as

the assistant director of the University of Washington's Office of Federal Relations, where she focused on federal student aid policy and funding, and advocacy efforts with federal science agencies. Spreitzer has held leadership positions within the higher education community, including chairing working groups on higher education for the Association of American Universities (AAU) and the Association of Public and Land-grant Universities (APLU). In addition, she has served as the vice chair of the AAU Council on Federal Relations steering committee and the co-chair of the APLU Council of Government Affairs. Spreitzer received a bachelor's degree in anthropology from Beloit College in Wisconsin and a master's degree in medieval studies from the Catholic University of America in Washington, DC. She is a founding board member of the Creative Minds International Public Charter School, a growing charter school in the Petworth neighborhood of Washington, DC.

Caroline Wagner conducts research in the field of science and technology and its relationship to policy, society and innovation, with a particular focus on international collaboration. She currently serves on the faculty of the John Glenn College of Public Affairs, and as an advisor to the Battelle Center for Science and Technology Policy — a research center within the Glenn College. She is on the advisory board of Ohio State University ADVANCE program to increase the participation and advancement of women in academic science and engineering careers. Prior to joining Ohio State's faculty in 2011, Wagner was a policy analyst working with and for government in a career that spanned more than 30 years and three continents. At The RAND Corporation, she was deputy to the director of the Science & Technology Policy Institute, a research center serving the White House Office of Science and Technology Policy. This position included crafting and coordinating research projects related to science and technology subjects across a number of disciplines and locations. Wagner's role was to act as project manager, writer and policy analyst on more than 12 major projects for RAND. Also, with RAND, Wagner served at RAND Europe's office in Leiden, Netherlands, working for the European Commission. She also worked twice as staff member for the U.S. Congress, once as a Professional Staff Member for the Committee for Science, Space and Technology, and once as an analyst for the Congressional Office of Technology Assessment. With the U.S. State Department, Wagner was stationed for two years at the U.S. Embassy in Seoul, South Korea, as an economic officer reporting on technological change in Asia. Wagner is a distinguished fellow of the American Association for the Advancement of Science and an elected member of the Council on Foreign Relations. Wagner received a doctorate in science and technology dynamics from Amsterdam School of Communications Research, University of Amsterdam, a Master of Arts in Science, Technology and Public Policy from George Washington University, and a Bachelor of Arts from Trinity College.

Kevin Wozniak is the Director of Research Security & Intellectual Property at the Council on Governmental Relations (COGR). Wozniak leads COGR's policy efforts related to university technology transfer and research security programs. Prior to joining COGR, he served as an Executive Director at Georgia Institute of Technology with responsibilities in technology transfer and licensing, industry and international contracting, foundations, subawards and consulting agreements, and philanthropic gifts in the support of research. Wozniak has over 25 years of intellectual property, commercialization and research administration experience at multiple universities within the University System of Georgia. Wozniak is a Registered Technology Transfer Professional, holds a B.A. from the University of Michigan and an M.B.A. from the University of Georgia.

Pricilla Yeon-Vogelheim is a Supervisory Intelligence Analyst for the Counterintelligence Division of the Federal Bureau of Investigation. She has been an analyst in national security for over 15 years, working

first as a nuclear stockpile analyst for the Pentagon before joining the FBI in 2010. She now manages a team focused on technology transfer threats from foreign adversaries. She has a master's degree in international relations from the Elliott School of International Affairs, The George Washington University. Prior to moving to Washington, DC, Yeon-Vogelheim was a journalist for Boston-based publications.