The National Academies of
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Division on Engineering and Physical Sciences
Committee on NIST Technical Programs

Panel on Review of the Information Technology Laboratory at the NIST

Biographical Sketches

Chair

CONSTANTINE GATSONIS is the Henry Ledyard Goddard Professor of Biostatistics and chair in the Department of Biostatistics in the School of Public Health, and the director of the Center for Statistical Sciences at Brown University. Dr. Gatsonis is a leading authority on the evaluation of diagnostic and screening tests and has extensive involvement in methodologic research in medical technology assessment and in health services and outcomes research. He is group statistician of the American College of Radiology Imaging Network (ACRIN), a National Cancer Institute funded collaborative group conducting multi-center studies of diagnostic imaging and image-guided therapy for cancer. In his ACRIN work, Dr. Gatsonis is chief statistician of the Digital Mammography Imaging Screening Trial (DMIST) and chief statistician for ACRIN's arm of the National Lung Screening Trial (NLST). Dr. Gastonis earned a B.A. in mathematics from Princeton University and an M.S. and Ph.D. mathematical statistics from Cornell University.

Members

ROBERT BLAKLEY is global director of Information Security Innovation at Citigroup, Inc. He recently served as plenary chair of the National Strategy for Trusted Identities in Cyberspace (NSTIC) Identity Ecosystem Steering Group and as research and development co-chair of the Financial Services Sector Coordinating Council (FSSCC) for Critical Infrastructure Protection and Homeland Security. He is currently a member of the Forum on Cyber Resilience—a National Academies roundtable. Prior to joining Citigroup, Dr. Blakley was distinguished analyst and agenda manager for identity and privacy at Gartner and Burton Group. Before that, he was chief scientist for security and privacy at International Business Machines (IBM) Corporation. He is past general chair of the Institute of Electrical and Electronics Engineers (IEEE) Security and Privacy Symposium and the Applied Computer Security Associates (ACSA) New Security Paradigms workshop. Dr. Blakley was general editor of the Object Management Group's CORBA Security specification and the OASIS Security Assertion Markup Language (SAML) specification, and is the author of *CORBA Security: An Introduction to Safe Computing with Objects*, published by Addison-Wesley. He was the first chair of the OATH Joint Coordinating Committee. He also participated in the National Academy of Sciences panels "Authentication Technologies and Their Privacy Implications" and "Whither Biometrics". Dr. Blakley holds twenty patents in cryptography and information security, and he publishes regularly in the academic literature on information security and privacy. He received an A.B. in classics from Princeton University, and an M.S. and Ph.D. in computer and communications science from the University of Michigan.

MATTHEW BLAZE is associate professor in the Computer and Information Science (CIS) Department at the University of Pennsylvania. Dr. Blaze's research expertise is in computer security and distributed systems. Dr. Blaze's research focuses on cryptography and its applications, trust management, human scale security, secure systems design, networking, and distributed computing. He is particularly interested in security technology with its bearing on public policy issues, including cryptography policy (key escrow); wiretapping and surveillance;

and the security of electronic voting systems. Dr. Blaze earned a B.S. from City University of New York - Hunter College, an M.S. in computur science from Columbia University and an M.A. and Ph.D. in computer science from Princeton University.

FREDERICK R. CHANG (NAE) is the director of the Darwin Deason Institute for Cyber Security, and the Bobby B. Lyle Centennial Distinguished Chair in Cyber Security and professor in the Department of Computer Science and Engineering at Southern Methodist University. His research interests include: data breaches, computer crime, and dangerous malicious activity in cyberspace. His interests have been broadly based and interdisciplinary in nature in addressing the challenge to secure cyberspace. He has also been interested in exploring techniques that will help advance more proactive forms of cyber defense that have the potential to lead to software and systems that are inherently more resilient to sophisticated and constantly evolving cyber attacks. This includes promoting awareness of the importance of developing a science of cybersecurity. He is also interested in behavioral and social science topics including understanding and improving human decision making in matters of cybersecurity, as well as applying what is known from cognitive science and behavioral economics toward improving system usability in a way that might foster improved cybersecurity practices. Finally, he has been interested in education policy issues such as science, technology, engineering, and math (STEM) education and in developing solutions to the large and growing cybersecurity "skills gap" problem. Dr. Chang earned a B.A. and M.A. in psychology from the Univesity of Oregon and a Ph.D. in psychology from the University of California.

KWANG-CHENG CHEN is a professor in the Department of Electrical Engineering at the University of South Florida. Dr. Chen's current research interests include: wireless networks; computing and networked intelligence for the internet of things (IoTs) and cyber-physical systems; social networks and data analytics; and cybersecurity. Previously, Dr. Chen worked with Satellite Systems Engineering Inc., Communication Satellite Corp. (COMSAT), International Business Machines (IBM) Corporation Thomas J. Watson Research Center, and National Tsing Hua University in mobile communications and networks. He was also a distinguished professor with National Taiwan University, and served various director positions there, including as associate dean in the College of Electrical Engineering and Computer Science. He was also appointed by the Executive Yuan (the executive branch of the Republic of China), to engineer Taiwan's telecommunication deregulation and trade negotiations, to design Taiwan's National Communication Commission and to strategically plan the nation's advancement in hightech industries. Dr. Chen founded a wireless integrated circuit (IC) design company in 2001 as president and chief executive officer, which was acquired in 2004 with monthly shipments of millions of chips. He has been actively involved in the organization of various Institute of Electrical and Electronics Engineers (IEEE) conferences (as general/executive chair/co-chair), serving editorships with a few IEEE journals, and various IEEE volunteer services such as IEEE Fellow, and as a IEEE Vehicluar Technology Society (VTS) distinguished lecturee. He founded and chaired the Technical Committee on Social Networks in the IEEE Communications Society. Dr. Chen has also contributed essential patented technology to various international standards in global commerial use, namely, IEEE 802.11 wireless LANs, Bluetooth, 4G LTE and LTE-A, and 5G New Radio, in addition to the world's first wireless chip of AES and first low-power wireless broadband solution to enable smart phones (iPAQ). He has 23 granted U.S. patents (all licensed to industry). Dr. Chen received a B.S. from the National Taiwan University and an M.S. and Ph.D from the University of Maryland, College Park, all in electrical engineering.

PHILLIP COLELLA (NAS) is senior mathematician and group leader for the Applied Numerical Algorithms Group in the Computing Sciences Directorate at the E. O. Lawrence Berkeley

National Laboratory. He is a leader in the development of mathematical methods and computer science tools for science and engineering. His research has been in the area of high-resolution and adaptive methods for partial differential equations. He has also applied numerical methods in a variety of scientific and engineering fields, including shock dynamics, low-mach number and incompressible flows, combustion, porous media flows, and astrophysical flows. Dr. Colella received his A.B., M.A., and Ph.D. from the University of California, Berkeley, all in applied mathematics.

JAMES H. CURRY is professor of applied mathematics and Presidential Teaching Scholar in the Department of Applied Mathematics in the College of Arts and Sciences at the University of Colorado at Boulder. His research interests include: dynamical systems, meteorology, computing, nonlinear equations, image processing, and mathematics education. He is a member of the National Academies Board of Mathematical Sciences and Analytics (BMSA). He was also previously the program director of mathematical sciences with the National Science Foundation. He earned a B.A., M.A., and Ph.D. all in mathematics from the University of California at Berkley.

BRENDA J. DIETRICH (NAE) is the Arthur and Helen Geoffrion Professor of Practice, Operations Research and Information Engineering at Cornell University. She was previously an International Business Machines (IBM) fellow and vice president at IBM Business Solutions. As a fellow, author, inventor, and leader in analytics and data science, she applies data and computation to processes throughout IBM. She led the mathematical sciences department in IBM research for over a decade. She was IBM's chief technology officer for business analytics, led emerging technologies in Watson, established Data Science for Insight Cloud Services, and is currently leading data science activities in The Weather Company, a newly acquired IBM Business. Dr. Dietrich's research interests include mathematical models of decision processes, particularly those related to the allocation of resources; use of data and computation in decision making, both in enterprise processes and in individual choices; use of computational methods such as visualization, statistics, data mining, simulation, and optimization to generate and evaluate decisions; extraction of models that describe the operation of systems, both physical and behavioral, from data, especially data generated by automation of business processes and computer intermediation of social processes; cognitive computing and extending the base capability of natural language processing and search based methods to include structured data analysis and interpretation. Dr. Dietrich received a B.S. in mathematics from the University of North Carolina at Chapel Hill and an M.S. and Ph.D. in operations research from Cornell University.

SEYMOUR E. GOODMAN is regents' professor and professor of international affairs and computing at Georgia Institute of Technology. His research is focused on: international technological development, technology diffusion, and related public policy issues. His recent work has been concentrated on the study of the global diffusion of the Internet, the security of national and international infrastructures, and the impact of emerging technologies on the conduct and outcomes of large-scale conflicts. Dr. Goodman has worked extensively on these and other topics in technology transfer, export control policies, technological development and absorption in the Soviet Union and Eastern Europe, cybersecurity, computer science, discrete mathematics, and mathematical physics. He is co-director of the Center for International Strategy, Technology, and Policy and director emeritus of the Sam Nunn Security Program, Dean's Fellow for Interdisciplinary Research and Education, and adjunct professor of history in the Ivan Allen College. Before coming to Georgia Tech he held various positions at the University of Virginia (applied mathematics, computer science, Soviet and East European studies), Princeton University (mathematics, public and international affairs), the University of

Chicago (economics), the University of Arizona (management information systems, Middle Eastern studies, Russian and Soviet studies), and most recently at Stanford University where he was director of the Consortium for Research in Information Security and Policy at the Center for International Security and Cooperation and the School of Engineering. As an undergraduate at Columbia University, he studied civil engineering, mathematics, and city planning. He earned his Ph.D. from the California Institute of Technology where he studied problems of mathematical physics.

ERIC GROSSE is an independent researcher who works on hardening open source systems, after retiring in Feb 2015 from the role of VP Security & Privacy Engineering at Google, leading a team of 500 who ensure systems and data stay safe and users' privacy remains secure. Improved and wider use of SSL, stronger consumer authentication technology, detection and blocking of foreign espionage, transparency on government requests for data, sophisticated malware analysis, tools and frameworks for safer building of web applications are among the achievements of the Google Security Team. Before Google, Eric was a Research Director and Fellow at Lucent Bell Labs where he worked on security, networking, algorithms for approximation and visualization, software distribution, and scientific computing. He majored in mathematics as an undergraduate and has a Ph.D. in computer science from Stanford University.

INDRANIL GUPTA is a professor in the Department of Computer Science; affiliate faculty in the Department of Electrical and Computer Engineering; and affiliate faculty in the Beckman Institute for Advanced Science and Technology at the University of Illinois, Urbana-Champaign (UIUC). Dr. Gupta leads the Distributed Protocols Research Group and the Blue and Orange Cloud Computing (BOCCE) Center in the Computer Science Department at UIUC. He works on distributed protocols, with a specific focus on large-scale distributed systems such as datacenters and cloud computing systems. In 2011-2012 he spent an year as a full-time Google employee (visiting scientist at Google, Mountain View). In the past, he has also worked at International Business Machines (IBM) Corporation Research and Microsoft Research. Dr. Gupta obtained his Bachelor of Technology in computer science from the Indian Institute of Technology (IIT) and his Ph.D. in computer science from Cornell University.

HELENA HANDSCHUH is Rambus Fellow and vice president of security architecture at Rambus, Incorporated. Her research and responsibilities include: managing the foundational security technologies team of 20 technology experts; research in crypto and post-quantum crypto; research in power analysis and side-channel attacks and countermeasures; building prototypes and showcasing technology to customers, partners, and events; security architecture for new products and services; prototyping of new products; security standardization; and technical lead for a secure sensor prototype with iris authentication for mobile payment. She was formerly the technical director of Cryptography Research, Inc., and chief technology officer and principal security architect and solutions architect at Intrinsic-ID. She was also the manager of the Applied Cryptography and Services Group and manager of the Card Application Security team as a scientific expert in cryptography. Dr. Handschuh earned an M.S. in networks and communication engineering from the the Grande Ecole Nationale Superieure de Techniques Avancees, an M.S. in algorithms and cryptopgraphy from the Ecole Polytechnique, and a Ph.D. in cryptography from the Ecole Nationale Superieure des Telecommunications (all schools are located in Paris, France).

BRUCE HENDRICKSON is Lawrence Livermore National Laboratory’s associate director for computation. In this role, he leads an organization of more than 1,000 staff with responsibility for

the full breadth of the laboratory's computational needs including research, platforms, and services. He came to Lawrence Livermore in 2017 after a long career at Sandia National Laboratories where he led the Center for Computational Research and managed Sandia's Advanced Simulation and Computing Program. His research interests include computational science, parallel algorithms, linear algebra, data mining, graph algorithms, and computer architecture. Dr. Hendrickson is a former Hertz Fellow and is a fellow of the Society for Industrial and Applied Mathematics and of the American Association for the Advancement of Science. He earned a B.S. in mathematics and an M.S. in physics from Brown University and a Ph.D. in computer science from Cornell University.

H.T. KUNG (NAE) is the William H. Gates Professor of Computer Science and Electrical Engineering in the John A. Paulson School of Engineering and Applied Sciences at Harvard University. Dr. Kung is interested in computing, communications, and sensing, with a current focus on data analytics and compressive sensing. Prior to joining Harvard in 1992, he taught at Carnegie Mellon University for 19 years. Dr. Kung has pursued a variety of research interests in his career, including complexity theory, database systems, very-large-scale integration (VLSI) design, parallel computing, computer networks, network security, wireless communications, and networking of unmanned aerial systems. He is widely known for his work in systolic arrays, optimistic concurrency control, and theory of I/O complexity. He has led large research teams on the design and development of novel parallel computers and computer networks. He started a joint Ph.D. program with colleagues at the Harvard Business School on information, technology, and management, and co-chaired this Harvard program for seven years. To complement his academic activities, Dr. Kung maintains a strong link with industry. He has served as a consultant and board member to numerous companies and government agencies. Dr. Kung's professional honors include: member of the Academia Sinica (in Taiwan); the Guggenheim Fellowship; and the Shell Distinguished Chair. Dr. Kung earned a B.S. in mathematics from National Tsing Hua University, an M.A. in mathematics from the University of New Mexico, and a Ph.D. in mathematics from Carnegie Mellon University.

PATRICK D. LINCOLN is director of the Computer Science Laboratory at SRI International. He is also the executive director of SRI's program for the Department of Homeland Security's Cyber Security Research and Development Center and director of the SRI Center for Computational Biology. Dr. Lincoln leads research in the fields of formal methods, computer security and privacy, computational biology, scalable distributed systems, and nanoelectronics. He has led multidisciplinary groups conducting high-impact research projects in symbolic systems biology, scalable anomaly detection, exquisitely sensitive biosensor systems, strategic reasoning and game theory, and privacy-preserving data sharing. He has previously held positions at Los Alamos National Laboratory, and ETA Systems. Dr. Lincoln was named an SRI Fellow in 2005. He has published dozens of influential papers, holds several patents, and has served on scientific advisory boards for private and publicly held companies, nonprofits, and government agencies and departments. Dr. Lincoln earned a B.Sc. in computer science from Massachusetts Institute of Technology and a Ph.D. in computer science from Stanford University.

STEVEN B. LIPNER (NAE) is executive director of SAFECode, a non-profit industry organization dedicated to improving software assurance and is an adjunct professor of computer science at Carnegie Mellon University. He has over forty years' experience as a researcher, engineering manager, and general manager in cybersecurity. Dr. Lipner retired in 2015 as partner director of software security at Microsoft, where he created and led Microsoft's Security Development Lifecycle (SDL) team and was responsible for the definition, tools development and company-wide execution of Microsoft's internal SDL process and for tools and programs that made the SDL available to organizations beyond Microsoft. Dr. Lipner was also

responsible for Microsoft's corporate strategies and policies for supply chain security and for strategies related to government security evaluation of Microsoft products. He also served as the Microsoft member and board chair of SAFECode. Dr. Lipner has served on several National Academies committees and is currently a member of the Academies Forum on Cyber Resilience. He has served two terms, a total of more than ten years, on the United States Information Security and Privacy Advisory Board and its predecessor. Dr. Lipner holds twelve U.S. patents for inventions in the field of computer and network security. He was elected in 2015 to the National Cybersecurity Hall of Fame. He received an S.B. and S.M. in civil engineering from MIT and attended the Harvard Business School's Program for Management Development

RADIA J. PERLMAN (NAE) is a fellow at Dell EMC Corporation. She has made many contributions to the fields of network routing and security protocols including robust and scalable network routing, spanning tree bridging, storage systems with assured delete, and distributed computation resilient to malicious participants. She wrote the textbook *Interconnections*, and cowrote the textbook *Network Security*. She holds over 100 issued patents. She has received numerous awards including induction into the Inventor Hall of Fame, induction into the Internet Hall of Fame, lifetime achievement awards from the Association for Computing Machinery (ACM) Special Interest Group on Data Communicatio (SIGCOMM) and Usenix, election into the Washington State Academy of Science, and an honorary doctorate from KTH Royal Institute of Technology in Stockholm. She has an S.B., S.M., and a Ph.D. in computer science from Massachusetts Institute of Technology (MIT).

STEWART D. PERSONICK (NAE) is a consultant who was formerly with the New Jersey Institute of Technology (NJIT) where he was the first Ying Wu Endowed Chair Processor within NJIT's Department of Electrical and Computer Engineering. He was also an individual researcher and a research manager at Bell Laboratories and Bell Communications Research (Bellcore), working in the field of optical communications technology and applications. He has focused his research and management activities on emerging and next-generation telecommunications systems, technologies, and applications. His primary areas of interest are telecommunications and, more generally, information networking. His secondary areas of interest include optical communications technology and applications. He has managed and studied a broad range of issues related to emerging information infrastructures: the technologies that will drive and enable them; the systems and network architectures that will embody those technologies; and the applications that end users will employ using those technologies, systems, and networks. A specific technical area of personal interest and focus is in ensuring the reliability and integrity of networks that will support a wide range of diverse applications in the 21st century. In recognition of this work he was elected as a fellow of the Institute of Electrical and Electronics Engineers (IEEE) and a fellow of the Optical Society of America. He earned a B.E.E. in electrical engineering from the City College of the City University of New York and a S.M. and Sc.D. in electrical engineering from Massachusetts Institute of Technology.

PADMA RAGHAVAN is a professor of computer science in the Department of Electrical Engineering and Computer Science at Vanderbilt University, where she is also Vice Provost for Research. Prior to joining Vanderbilt in February 2016, she was a distinguished professor of computer science and engineering at the Pennsylvania State University and served as the associate vice president for research and director of strategic initiatives, in addition to being the founding director of the Institute for CyberScience, the coordinating unit on campus for developing interdisciplinary computation and data-enabled science and engineering and the provider of high-performance computing services for the university. Prior to joining Pennsylvania

State, she served as an associate professor in the Department of Computer Science at the University of Tennessee. Dr. Raghavan's research is in the area of high-performance computing and computational science and engineering. Her research predominantly concerns enhancing the parallel performance, energy efficiency and reliability of computations that involve high-dimensional sparse and unstructured data including matrices, and graphs. She has over 95 peer-reviewed publications in three major areas including: scalable parallel computing; energy-aware supercomputing, i.e., performance and power scalability of advanced computer systems; and computational modeling, simulation and knowledge extraction. Dr. Raghavan currently serves on the editorial boards of the Society for Industrial and Applied Mathematics (SIAM) series on *Computational Science and Engineering*; the SIAM series on *Software, Environments and Tools*; the *Journal of Parallel and Distributed Computing*; the *Journal of Computational Science*; and the *Institute of Electrical and Electronics Engineers (IEEE) Transactions on Parallel and Distributed Systems*. She serves on the program committees of major conferences sponsored by the Association for Computing Machinery (ACM), IEEE, and SIAM, and she co-chaired Technical Papers for Supercomputing 2012 and the 2011 SIAM Conference on Computational Science and Engineering. Dr. Raghavan is a fellow of the IEEE. Dr. Raghavan received her Ph.D. in computer science from Pennsylvannia State University.

RAMYA RAGHAVENDRA is a master inventor and research staff member at International Business Machines (IBM) Corporation Thomas J. Watson Research Center. Her expertise is in the area of networking and network analytics. She has a strong record of accomplishment of building networked systems and developing big data network analytics, specifically graph-based and geospatial analytics. She has been an active researcher in several research programs including the International Technology Alliance in Network and Information Sciences—a research consortium formed from twenty-three U.S. and U.K. industrial and academic members; the Network Science Collaborative Technology Alliance and Defense Advanced Research Projects Agency (DARPA) Social Media in Strategic Communications (SMISC). She has developed and delivered several software artifacts including graph and geospatial analytics for IBM System G. She is the author of over 15 technical articles for top academic journals and articles and has three issued and more than 20 pending patent applications. Prior to IBM, she received her M.S. and Ph.D. in computer science from the University of California Santa Barbara.

JOHN A. SMOLIN is a physicist at International Business Machines Corporation’s (IBM's) Thomas J. Watson Research Center, and is a fellow of the American Physical Society. Dr. Smolin is best known for his work in quantum information theory, where, with collaborators, he introduced several important techniques, including entanglement distillation for quantum error-correction and the faithful transmission of quantum information through noisy quantum channels, as well as for entanglement-assisted transmission of classical information. He helped elucidate the complex relations between classical and quantum capacities of various channels as well as phenomena such as data hiding and data unlocking that have no analog in classical information theory. Together with Dr. Charles H. Bennett he built the world's first working demonstration of quantum cryptography. Dr. Smolin coined the term "Church of the Larger Hilbert Space" to describe the habit of regarding every mixed state of a quantum system as a pure entangled state of a larger system, and every irreversible evolution as a reversible (unitary) evolution of a larger system. Dr. Smolin earned an S.B. in physics from the Massachusetts Institute of Technology and Ph.D. in physics from University of California, Los Angeles.

EUGENE H. SPAFFORD is professor and executive director at the Center for Education and Research in Information Assurance and Security (CERIAS) at Purdue University

Dr. Spafford's current research interests are focused on issues of computer and network security, cybercrime and ethics, technology policy, and the social impact of computing. He is the founder and executive director (emeritus) of CERIAS. Dr. Spafford earned a B.A. in mathematics and computer science from the State University of New York at Brockport, and an M.S and Ph.D. in information and computer science from Georgia Institute of Technology.

KAREN E. WILLCOX is a professor of Aeronautics and Astronautics at the Massachusetts Institute of Technology (MIT). She is also co-director of the MIT Center for Computational Engineering and formerly the associate head of the MIT Department of Aeronautics and Astronautics. Prior to that, she worked at Boeing Phantom Works with the Blended-Wing-Body aircraft design group. Her research at MIT has produced scalable computational methods for design of next-generation engineered systems, with a particular focus on model reduction as a way to learn principled approximations from data and on multi-fidelity formulations to leverage multiple sources of uncertain information. These methods are widely applied in aircraft system design and environmental policy decision-making. Dr. Willcox is currently co-director of the Department of Energy DiaMonD Multifaceted Mathematics Capability Center on Mathematics at the Interfaces of Data, Models, and Decisions. She leads an Air Force multidisciplinary research program of the University Research Initiative (MURI) on optimal design of multi-physics systems and an Air Force data-driven dynamic applications systems project team that is developing a self-aware unmanned aerial vehicle (UAV). Dr. Willcox earned a Ph.D. in aerospace engineering from MIT.

MOE Z. WIN is a professor of aeronautics and astronautics at the Massachusetts Institute of Technology and the founding director of the Wireless Communication and Network Sciences Laboratory. Prior to MIT, he spent five years at AT&T Research Laboratories and seven years at the Jet Propulsion Laboratory. His main research interests are the application of mathematical and statistical theories to communication, detection, and estimation problems. Specific current research topics include: measurement and modeling of time-varying channels; design and analysis of multiple antenna systems; ultra-wide bandwidth (UWB) communications systems; optical communications systems; and space communications systems. He has expertise in indoor localization, wireless networking, network science, and quantum information science. Dr. Win earned a B.S. degree (magna cum laude) from Texas A&M University, College Station, and an M.S. from the University of Southern California (USC), Los Angeles, both in electrical engineering. As a presidential fellow at USC, he received both an M.S. degree in applied mathematics and the Ph.D. degree in electrical engineering.

EDMUND M. YEH is professor of electrical and computer engineering at Northeastern University. He was previously assistant and associate professor of electrical engineering, computer science, and statistics at Yale University. He has held visiting positions at Massachusetts Institute of Technology (MIT), Stanford, Princeton, University of California at Berkeley, New York University, École Polytechnique Fédérale de Lausanne (EPFL), and the Technical University of Munich (TUM). Dr. Yeh was one of the principal investigators on the original NSF-funded Future Internet Architecture (FIA) Named Data Networking Project. He will serve as general co-chair for the Association for Computuing Machinary (ACM) Conference on Information Centric Networking (ICN) 2018 in Boston. He is the recipient of the Alexander von Humboldt Research Fellowship, the Army Research Office Young Investigator Award, the Winston Churchill Scholarship, the National Science Foundation and Office of Naval Research Graduate Fellowships, the Barry M. Goldwater Scholarship, the Frederick Emmons Terman Engineering Scholastic Award, and the President’s Award for Academic Excellence (Stanford University). Dr. Yeh has served as

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