2016 Alumni News

Academic

- **Albert Yuk Keung Ip** (BS CS & Applied Math 1973) was appointed as Council Member (equivalent to Board of Trustee) at Hong Kong University of Science and Technology on April 1, 2016.
- Grace Kuo (BS ESE 2015) was awarded the National Defense Science and Engineering Graduate Fellowship. Grace is currently an Electrical Engineering and Computer Science PhD student at UC Berkeley, and her work focuses on computational imaging.
- **Professor Aaron D. Lanterman** (MSc EE 1995, DSc EE. 1998; advisors: Professors Michael Miller and Donald L. Snyder), was named full professor in the School of Electrical and Computer Engineering at Georgia Institute of Technology.
- Daniel McGibney (MS SSM, 2006, PhD SSM, 2014; advisor: Hiro Mukai), is an Assistant Professor of Professional Practice in the Business School at the University of Miami.
- Lauren Steimle (BS SSE 2014) was awarded the National Science Foundation Graduate Research Fellowship. Her proposed project, 'Stochastic Optimization Methods for Care Coordination of Chronic Conditions', involves investigating optimization methods to improve medical decision making for patients with multiple chronic conditions. Lauren is currently an Industrial and Operations Engineering PhD student at the University of Michigan. More

Non-Academic

- Dr. Quinn Li (BS EE 1991, MS EE 1995, PhD EE 1996) was appointed Head of Qualcomm Ventures.
- Dr. John C. Sommerer (BS, MS SSM 1979) recently testified before Congress on the lack of progress NASA is making toward sending humans to Mars. More

2015 Alumni News

Academic

- Dr. David Corman (MS SSM & ME 1978, BS SSM & AMCS 1977) was appointed to a Research Associate Professor in the Preston M. Green Department of Electrical & Systems Engineering at Washington University in St. Louis, March 25, 2015.
- **Professor Jennifer A Dionne** (BSSSE, BS Physics 2003), with the Department of Materials Science and Engineering at Stanford University, was named a Sloan Research Fellow for 2015, and awarded a $50,000 Sloan Research Fellowship. Previously, Dionne was named a winner of the Presidential Early Career Award for Scientists and Engineers (2013), and was awarded the inaugural Kavli Nanoscience Early Career Lectureship from MRS (2013), the National Science Foundation Career Award (2012), a Hellman Fellowship (2012). an Air Force Office of Scientific Research Young Investigator Grant (2010), the Clauser Prize for best Caltech thesis (2009), and the Materials Research Society Gold Award for outstanding graduate student (2008).
- Andrew Wiens (BS EE, 2013), wrote a paper titled, A Novel System Identification Technique for Improved Wearable Hemodynamics Assessment and it will be featured in the May 2015 IEEE Transactions on Biomedical Engineering Monthly Highlights. Andrew is currently an Electrical and Computer Engineering Ph.D. student at Georgia Institute of Technology.

Non-Academic

- **Albert Yuk Keung Ip** (BS CS & Applied Math 1973) became Executive Director and CEO of Langham Hospitality Investments and adjunct professor of Lingnan University and City University of Hong Kong. He also sits on many business and university boards as well as serves on a number of committees in government.
Academic

- Dr. Satyabrata Sen (PhD EE 2010; Advisor: Prof. Arye Nehorai) is selected as the recipient of the 2016 Sidney D. Drell Academic Award by Intelligence and National Security Alliance (INSA). This prestigious award is given to recognize the accomplishments of young professionals in the intelligence, homeland security, and national security communities.

- Dr. Naveen Singla (MSc EE 2003, DSc EE 2005) was admitted to the Monsanto Fellow Program for his contributions to advancing the state of Data Science at Monsanto Company. The Monsanto Fellow Program was first established in 1948 and is intended to recognize, utilize, and develop Monsanto scientists and their scientific leadership skills.

Non-Academic

- Dr. Daryl Beetner (DSc EE, 1997, MSEE, 1994; advisor: Professor R.M. Arthur), became the Chair of the Department of Electrical and Computer Engineering at the Missouri University of Science and Technology.

2013 Alumni News

Academic

- Dr. Murat Akcakaya, PhD EE, 2010; Advisor: Prof. Arye Nehorai) became a Research Assistant Professor, Cognitive Systems Lab, Department of Electrical and Computer Engineering, Northeastern University.

- Professor Jennifer A Dionne, BSSSE, BS Physics 2003, now with the Department of Materials Science and Engineering at Stanford University, was named a winner of the Presidential Early Career Award for Scientists and Engineers (2013); she was also awarded the inaugural Kavli Nanoscience Early Career Lectureship from MRS (2013), the National Science Foundation Career Award (2012), a Hellman Fellowship (2012), an Air Force Office of Scientific Research Young
Investigator Grant (2010), the Clauser Prize for best Caltech thesis (2009), and the Materials Research Society Gold Award for outstanding graduate student (2008).

- **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; advisor: Professor John Zaborszky), now with the Department of Electrical and Computer Engineering and the Department of Engineering and Public Policy, Carnegie Mellon University, was awarded the 2013 Steven J. Fenves Award for Systems Research for her contributions to systems research in areas that are relevant to the College of Engineering and the Institute for Complex Engineered Systems (ICES) at Carnegie Mellon University.

- **Professor J. Nicholas Laneman** (BSEE and BSCS, 1995), the founding director of the Wireless Institute and associate professor of electrical engineering at the University of Notre Dame, was elected Distinguished Lecturer of the IEEE Control System Society.

Wenyuan "Will" Liu (BS EE, 2013) is pursuing a MD at The University of Texas Medical Branch.

- **Professor Andrea Serrani** (DSc SSM 2000; advisor: Professor Alberto Isidori), now an Associate Professor in the department of Electrical and Computer Engineering at The Ohio State University, was elected Fellow of the John J. Reilly Center for Science, Technology, and Values.

- Bowen Zhao (MSEE, 2013) is now in the PhD program in ECE department at the University of Iowa.

Non-Academic

- Dr. Theodore Eugene Day (BScSSE, 1996, MScSSM, 1998, DSc ESE, 2006; advisor: Professor Ervin Y. Rodin) has accepted a position as Senior Improvement Advisor at the Children’s Hospital of Philadelphia, a major academic medical center associated with the University of Pennsylvania, beginning March 2013. The position consists of managing direct quality improvement efforts, as well as research dedicated to improving health care delivery systems.

- Mr. Gaurav Garg (BSEE, 1988, BSCS, 1988, MSEE, 1990) is now the Managing Partner for Baccharis Capital LLC, a new venture capital firm in Silicon Valley. He co-founded and serves on the boards of a number of technology companies including Ruckus Wireless (RKUS) and FireEye.

- Dr. Richard P. Mattione (BSSSM, 1977) was elected a member of the Washington University Board of Trustees.


- Brian Peaslee (BSEE 1987) is the Chief Engineer for electric propulsion systems at Magna Electronics, part of the Magna Powertrain group. He is the product development director for inverter, motor & generator design, for hybrid and electric vehicle drive systems. Products featured in the Fisker Karma P-HEV and Ford Focus BEV.

- Jared Starman (BSEE, 2002) is currently a Senior Associate at Exponent in Menlo Park, CA. He received his PhD in EE from Stanford in 2011.

- Glenn Welt (BS SSE and Finance, 2011) became an Assistant Trader at SIG.

2012 Alumni News

Academic

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) gave 16 plenary talks and keynote addresses in 2012, including at the IFAC Power and Energy Conference, the Canadian Smart Grid Summit and ISS 2012, and presented at TEDx: Powering Progress - Smart Infrastructure and the Future of Cities. (Video)

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) was named to "Networked Grid 100: The Movers and Shakers of the Smart Grid in 2012" by GreenTechMedia. He also continues to serve as the founding Chairman of the IEEE Smart Grid Newsletter.

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) was interviewed about power outages in the US and India, and provided insights to enable a smarter, stronger and more secure infrastructure. His interviews included live on CNN, Public Radio International (PRI), PBS, BBC, NBC, WGBH Boston, Government Technology, Forbes and response to Sandy.

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) was named to "Networked Grid 100: The Movers and Shakers of the Smart Grid in 2012" by GreenTechMedia. He also continues to serve as the founding Chairman of the IEEE Smart Grid Newsletter.
Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) was elected president of the International Association for Management of Technology (IAMOT) for 2012-2014. Prof. Amin was re-elected for a 2nd term (2013-2015) to the Board of Directors the Texas Reliability Entity (TRE), and was elected as Vice Chairman of the Board of Directors of TRE. He was also elected to the Board of Directors of the Midwest Reliability Organization (MRO) for 2013-2015. Both TRE and MRO are non-profit organizations dedicated to ensuring the reliability and security of the bulk power system in ERCOT and MISO, respectively.

Professor David W. Barnett (DSc EE with BME Certificate 1995, Advisors: Professors William Pickard and Stanley Misler) is now the Dean of Engineering at Lakehead University in Thunder Bay, Ontario.

Professor Jennifer A. Dionne (BSSSE, BS Physics 2003), now with the Department of Materials Science and Engineering at Stanford University, was selected to receive a Young Alumni award.

Professor Michael F. McNeill-Gray (BSEE 1979) is Professor in the Department of Radiological Sciences at the University of California, Los Angeles and Director of the Biomedical Physics Graduate program there. He was recently (2011) elected as a Fellow of the American Association of Physicists in Medicine.

Professor W. E. Moerner (BSEE 1975), the Harry S. Mosher Professor in the Department of Chemistry at Stanford University, became Chair of the Department of Chemistry in 2011. He received the IBM Outstanding Young Electrical Engineer of the Year award in 1984, the IBM Outstanding Technical Achievement Award in 1988 and 1992, the Earle K. Plyer Prize for Molecular Spectroscopy in 2001, the Wolf Prize in Chemistry in 2008, the Irving Langmuir Prize in Chemical Physics in 2009, and the Pittsburgh Spectroscopy award in 2011.

Professor Zoran Nenadic (DSc SSM, 2001; advisor: Professor Bijoy K. Ghosh), now an Associate Professor in the Department of Biomedical Engineering at the University of California, Irving, received a Faculty Early Career Development Award from the National Science Foundation.

Dr. Katherine A. Rink (BSSSE, 1993, MSSSM, 1996, DSc SSM, 1998; advisor: Professor Ervin Y. Rodin), was promoted to Group Leader of the Advanced Concepts and Technologies Group at MIT Lincoln Laboratory in March 2012.

Professor Andrea Serrani (DSc SSM, 2000; advisor: Professor Norman Katz), now an Associate Professor in the Department of Electrical and Computer Engineering at The Ohio State University, received a grant from the National Science Foundation for a research project entitled "Control of Over-Actuated Nonlinear Systems with Application to High- Efficiency Internal Combustion Engines".

Dr. Ruoting Yang (PhD SSM 2008; advisor: Professor Tzyh-Jong Tarn), now a postdoctoral scholar in the Institute for Collaborative Biotechnologies at the University of California, Santa Barbara, was selected to receive the Steve Hsia Best Biomedical Paper Award at the 2012 World Congress on Intelligent Control and Automation.

Non-Academic

Dr. Randall Bateman (BSEE, 1995) became the Charles F. and Joanne Knight Distinguished Professor of Neurology in the Washington University school of medicine on May 21, 2012.

Dr. Luo-Jen "Larry" Chiang (DSc SSM 1982; advisor: Professor John Zaborszky), now a Senior Advisor and Former President of Siemens Telecommunication Systems, was selected to receive an Alumni Achievement award.

Mr. Sanjai Kohli (MSSSM, 1981), now the chief technology office of SiRF Technology Inc., was awarded a 2012 Distinguished Alumnus Award by IIT Bombay, his undergraduate university.

2011 Alumni News

Academic

Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) became the founding chair of the IEEE Smart Grid Newsletter, a new IEEE publication that began in January 2011.

Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), was elected as a Fellow at ASME.

Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now Director of the Center for the Development of Technological Leadership, University of Minnesota, received the...
2011 Engineering Alumni Achievement Award.

- Professor Jennifer A Dionne (BSSSE, BS Physics 2003), now Assistant Professor in the Department of Materials Science and Engineering at Stanford University, and Nhat Vu (BS EE 2003) got married. They met in their freshman year at Washington University.

- Professor Jennifer A Dionne (BSSSE, BS Physics 2003), now with Stanford University, won Technology Review's 2011 TR35 award. Each year Technology Review honors 35 innovators under 35 whose work promises to change the world. Candidates from across the globe are chosen for tackling important problems in transformative ways.

- Professor Narayan Ganesan (DSc SSM 2006, Advisor: Professor T.J. Tarn) became an assistant professor in the department of Electrical and Computer Engineering at Stevens Institute of Technology.

- Professor T. Alan Hurwitz (BSEE 1965), now president of Gallaudet University, gave an address at Edmonds Community College on November 4, 2011, titled “Serving the Deaf Community and People Hard of Hearing in the 21st Century.”

- Professor T. Alan Hurwitz (BSEE 1965) gave a keynote speech at the XVI World Congress of the World Federation of the Deaf in Durban, South Africa, July 18-24, 2011.

- Professor P. R. Kumar (MSc, 1975, DSc SSM, 1977; advisor: Professor Jan H. van Schuppen) became a faculty member in the Electrical and Computer Engineering Department at Texas A&M University.

- Professor Zoran Nenadic (DSc SSM, 2001; advisor: Professor Bijoy K. Ghosh), now with University of California, Irvine received an NSF CAREER award.

- Professor Steven Reisling (BSEE 1989, MSEE 1991) received a 3.2 million dollar NASA grant to develop, in conjunction with the NASA Jet Propulsion Laboratory, a prototype for an airborne radiometer to be used in future missions.<>

- Professor Justin Ruths (PhD SSE 2011; advisor: Professor Jr-Shin Li) became an Assistant Professor at Singapore University of Technology and Design (SUTD).

- Professor Mark Spong (DSc SSM, 1981; advisor: Professor T.J. Tarn), now Dean of Engineering at the University of Texas at Dallas, received the “Pioneer in Robotics and Automation Award” from the IEEE Robotics and Automation Society.

- Professor Russ Waitman (BSEE 1990) became an Associate Professor and the Director of Medical Informatics in the Department of Biostatics at the University of Kansas Medical Center.

- Professor Ning Xi DSc SSM, 1993; advisor: Professor T.J Tarn), now with Michigan State University, gave a plenary address at the annual IEEE International Conference on Robotics and Automation, Shanghai, May 9 to 13, 2011 on “Ultra Automation: Challenges and Opportunities”.

- Professor Ning Xi (DSc SSM, 1993; advisor: Professor T.J Tarn), now with Michigan State University, was designated as University Distinguished Professor.

Non-Academic

- Vijay Bangaru (BS EE and CE, 2002) became Vice President of Product Management at MapQuest.

- Eldar Causevic (BSEE 1999, MBA 2002), joined the School of Engineering & Applied Science Washington University in St. Louis, as the new Executive Director of Professional Development.

- Dr. Theodore Eugene Day (BSc SSE, 1996, MSc SSM, 1999, DSc ESE, 2006; Professor Ervin Y. Rodin), was awarded a $100K VA Health Services Research & Development Merit Review Pilot Grant to develop simulation methodologies for analysis of the interaction between medical systems and the populations they serve.

- Mr. Matt Ettus (BS EE and CS, 1996), founder of Ettus Research LLC received the 2011 Engineering Young Alumni Achievement Award.

- Dr. Patricio S. La Rosa (PhD EE, 2010; advisor: Professor Arye Nehorai), became Postdoctoral Research Associate in the General Medical Sciences Division at the Department of Internal Medicine, at Washington University in St. Louis.

- Nathan K. McGregor (MS SSM, 2004, PhD ESE, 2007; advisors: Christopher I. Byrnes and Alberto Isidori) is the Editor in Chief of the Vanderbilt Journal of Entertainment & Technology Law. He will graduate from Vanderbilt University Law School in May, 2011. After
passing the bar, he will clerk for the Honorable Cornelia A. Clark, Chief Justice of the Tennessee Supreme Court.

- Mr. Robert Mullenger (BSEE 1989), now the Director of Central Pharmacy Solutions at Omnicell Inc., received the 2004 Washington University Young Alumni Award.
- Mr. Frederick (Rick) Oertli (BS EE, 1982), now President and Chief Executive Officer (CEO) of Guarantee Electrical, received the 2011 Engineering Alumni Achievement Award.

Dr. Jeremy Rich (BSEE 1989) became Chair of the Department of Stem Cell Biology and Regenerative Medicine in the Lerner Research Institute at Cleveland Clinic and a Professor in the Department of Molecular Medicine at Case Western Reserve University.

- Mr. David Sandel (BSEE 1985) and his company Sandel and associates began work on a project jointly funded by the cities of St. Louis and University City, COCA, the St. Louis Regional Arts Council and Washington University to stimulate economic development in the Loop area through construction of a media hub.

Dr. Satyabrata Sen (PhD EE, 2010; advisor: Professor Arye Nehorai), became Wigner Fellow with the Complex Systems Group in the Computer Science and Mathematics Division at the Oak Ridge National Laboratory.

Dr. John Sommerer (BS SSM, MSc SSM, 1979), now head of the Space Department of the Johns Hopkins University Applied Physics Laboratory, was named one of the inaugural Gilman Scholars.

Jessica Stigile (BS SSE, 2010), became Associate Staff Member at MIT Lincoln Laboratory.

Mr. Joe Wojtal (BSEE 1986) became the Vice President of Engineering Operations and Systems Development at Cisco Systems.

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2010 Alumni News

**Academic**

- **Professor Lateef Adelani** (MSSSM 1984; DSc SSM 1987; advisor: Professor Ervin Rodin), now a Professor of Mathematics at Harris-Stowe University, became the dean of the College of Arts & Sciences in 2010. He was the chair of the Department of Mathematics from 2008 to 2010.

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now Director of the Center for the Development of Technological Leadership, University of Minnesota, was featured at the Driven to Discover Research Series.

- **Professor Jonathan P. Caulkins** (BSSSE, MSc SSM, 1987), received the H. Guyford Stever Professorship of Operations Research and Public Policy.

- Professor Fabio Celani (MSc SSM, 1999, DSc SSM, 2003; advisors: Professors Chris Byrnes and Alberto Isidori), became an Assistant Professor at the Department of Astronautical, Electrical, and Energetic Engineering of Sapienza University of Rome, Italy.

- **Professor Daniel R. Fuhrmann** (BSEE, 1979, EE/ESE faculty member 1984-2008), was named a Fellow of the IEEE. Fuhrmann is Professor and Chair of the Department of Electrical and Computer Engineering at Michigan Technological University.

- **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; advisor: Professor John Zaborszky), received the 2010 Alumni Achievement Award.

- **Professor P. R. Kumar** (MSc, 1975, DSc SSM, 1977; advisor: Professor Jan H. van Schuppen), now with the University of Illinois at Urbana-Champaign, was selected to receive the 2010 Alumni Achievement Award.

- **Dr. Theodore Manikas** (MSc EE, 1984), became a Research Associate Professor in the Department of Computer Science and Engineering at Southern Methodist University.

- **Professor Chrysanthi Preza** (BSc EE & BSc CS 1987, MSc EE 1990, MSc CS 1991, DSc. EE 1998; advisors: Professors Michael I. Miller and Donald L. Snyder), was promoted to Associate Professor with tenure as of September 1, 2010. Professor Preza also received the Herff College 2010 Outstanding Faculty Research award.

- Dr. Pinaki Sarder (PhD EE, 2010; advisor: Professor Arye Nehorai), became postdoctoral fellow at the Department of Biostatistics, at Harvard School of Public Health.

- **Dr. Gang Shi** (DSc EE, 2006; advisor: Professor Arye Nehorai), became Research Assistant Professor in the Division of Biostatistics, at Washington University in St. Louis.
• Professor Cedric Yu (MS EE 1985, DSc EE 1989), the Carl M. Mansfield Professor in Radiation Oncology at the University of Maryland Greenbaum Cancer Center, was awarded the University of Maryland System Entrepreneur of the Year award for 2010. The award was based on Dr. Yu’s patented Gammapod, a non-invasive method for treating early-stage breast cancer. Dr. Yu is also the founder of Xcision Medical Systems, LLC

Non-Academic

• Dr. Marcelo Cordaro (DSc EE, 1996, Advisor: Prof. Dan Rode), became President of PÃªtroly Group in Brazil, a global engineering and consulting company having over 7000 employees in more than 50 countries More.

• Dr. Theodore Eugene Day (BSc SSE, 1996, MSc SSM, 1998, DSc ESE, 2006; Advisor: Professor Ervin Y. Rodin), became Health Systems Specialist with St. Louis VAMC HSR&D, has publications in 2010 in American Heart Journal, Academic Medicine, and Journal of Pharmacy Practice.

• Mr. Will Eatherton (MSEE 1999), became Director of Software Development, Cisco Systems, was selected to receive the 2010 Young Alumni Award.

• Mr. Jamal Hameedi (BSEE, 1991), is currently Special Vehicle Team (SVT) Chief Engineer at Ford Motor Company.

• Ms. Janet M. Holloway (MSc AMCS, 1983), now the Senior Vice President and Chief of Staff for Monsanto Company, received 2010 Alumni Achievement Award.

• William Homer (MSc EE, 1980; BS EE, 1976), was named Director, Research & Development, for Global Device Management LLC in Chicago. GDM develops and supplies information integration equipment for use in hospital operating rooms.

• Dr. Gregory Hyslop (DSc SSM, 1989; advisor: Professor T.J. Tarn), became Vice President and General Manager of Boeing Strategic Missile and Defense Systems in Huntsville, Alabama.

• Mr. Sanjai Kohli (MSc SSM 1981), now the chief technology officer (CTO) of SiRF Technology Inc., won the prestigious 2010 European Inventor Award for making GPS a consumer product.

• Mr. Zachary Lemnios (MSc EE, 1979), now Director of Defense Research and Engineering of the US Department of Defense (DOD), was selected to receive the 2010 Alumni Achievement Award.

• Dr. Daniel A. O’Connor (MSc 1975, DSc SSM, 1998; advisor: Professor T.J. Tarn), became Group Leader of the Ballistic Missile Defense Integration Group at MIT Lincoln Laboratory.

• Ms. Anna Patterson (BSEE, BSCS, 1987), became Director of Google Research, Google Inc.

• Dr. Geoffrey San Antonio (PhD EE, 2007, Advisor: Prof. Daniel R. Fuhrmann), now Electrical Engineer at Naval Research Laboratory won IEEE Signal Processing Society’s 2010 Young Author Best Paper Award.

• Ben Slocumb (BSSSE, 1986, MSEE, 1988; advisor: Donald L. Snyder), is now Vice President of Programs and Business Development Numerica Corporation.

• Dr. John Sommerer (BS SSM, MSc SSM, 1979), was appointed Head of the Space Department of the Johns Hopkins University Applied Physics Laboratory.

2009 Alumni News

Academic

• Professor Dirk Aeyels, now with Ghent University, Professor Nicholas Kalouptsidis now with University of Athens, Professor Riccardo Marino, now with University of Rome “Tor Vergata” and the late Professor W. P. Dayawansa, who was with Texas Tech University are among the well known alums who received the DSc in SSM under the advising of Professor David L. Elliot

• Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin) gave a Congressional briefing in DC on October 15th on Transitional Technologies: The Road to the New Energy Economy. This event was hosted by Discover magazine, The National Science Foundation (NSF), IEEE and ASME at the Rayburn House Office Building.
• **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now Director of the Center for the Development of Technological Leadership, University of Minnesota, gave keynote kickoff at the annual MIT Energy Conference, and also Congressional Staffer Briefing on "Towards a Stronger and Smarter Grid."

• Professor T. Alan Hurwitz (BSEE 1965) was named President of Gallaudet University.

• **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; advisor: Professor John Zaborszky), now with Carnegie Mellon University, was featured in Science article entitled Students Energized by Power Engineering.

• Professor Gerald R. Kane (BSEE 1968), now with the University of Tulsa, was President of the Board of Directors, Electrical and Computer Engineering Department Heads Association (ECEDHA), for 2008/2009.

• **Professor Aaron D. Lanterman** (MSc EE 1995, DSc EE. 1998; advisors: Professors Michael Miller and Donald L. Snyder), now with Georgia Institute of Technology, was appointed one of seven 2009 Hesburgh Award Teaching Fellows.

• Professor Chunli Liu (DSc EE, 2002; Advisor: Professor Barbara A. Shrauner) was appointed Assistant Professor in the Department of Physics at the Hankuk University of Foreign Studies, Korea.

• **Professor Chrysanthe Preza** (BSc EE & BSc CS 1987, MSc EE 1990, MSc CS 1991,DSc. EE 1998; advisors: Professors Michael I. Miller and Donald L. Snyder), now with the University of Memphis, received an NSF CAREER award.

• Professor Mark Spong (DSc SSM, 1981; advisor: Professor T.J. Tarn), now Dean of Engineering at the University of Texas at Dallas, became the Lars Magnus Ericsson Chair in Electrical Engineering and the Excellence in Education Chair in the Erik Jonsson School of Engineering and Computer Science.

• Professor Renjeng Su (DSc SSM, 1980; advisor: Professor T.J. Tarn), became Dean of the Maseeh College of Engineering and Computer Science at Portland State University.

• Professor Philip Tsang (BSEE 1986) became a professor and Vice President, Academic and Research, of the Cartlas Institute of Higher Education in May 2009.

**Non-Academic**

• Dr. Dev J. Banerjee (MSc SSM 1974, DSc ME 1977), became Director of Systems Engineering for Boeing Integrated Defense Systems IDS, received an Alumni Achievement Award.

• Dr. Theodore Eugene Day (BSc SSE, 1996, MSc SSM, 1999, DSc ESE, 2006: Professor Ervin Y. Rodin), now Supervisory Physical Sciences Researcher at St. Louis Veterans Health Administration, won a $100,000 2009 VHA Innovation Award and has a paper on queuing theory and simulation upcoming in the Journal of Pharmacy Practice.

• Mr. Matt Ettus (BS EE and CS, 1996), founder of Ettus Research LLC, is a major contributor to the GNU Radio project. Ettus is the creator of the Universal Software Radio Peripheral (USRP), high-speed USB-based board for making software radios. Ettus Research serves clients in Wireless Communications, DSP, and Software Radio design.

• Mr. Zachary Lemnios (MSc EE, 1979), was elevated to Assistant Secretary of Defense for Research and Engineering of the US Department of Defense on July 2nd, 2009.

• Mr. Zachary Lemnios (MSc EE, 1979), was appointed Director of Defense Research and Engineering of the US Department of Defense (DOD), 2009.

• **Dr. Richard K. Moore** (BSEE, 1943) commented on the EE Class of 1943.

• **Ms. Anna Patterson** (BSEE, BSCS, 1987), who launched and leads Cuil, received an Alumni Achievement Award.

• Dr. John Sommerer (BS SSM, MSc SSM, 1979), now Director of Science & Technology, Chief Technology Officer, and Head of the Space Department of the Johns Hopkins Applied Physics Laboratory, received an Alumni Achievement Award.

• Dr. John Sommerer (BS SSM, MSc SSM, 1979), was appointed Chair of the style="COLOR: #004400; TEXT-DECORATION: underline" href="http://www.nrac.navy.mil/" target="**">Naval Research Advisory Committee.

• Mr. Bernard Sander (DSc EE 1972; Advisor: Professor W.S.C. Chang), formerly with Lucent Technologies Bell Laboratories, served as Chair of the IEEE Section in Chicago from 2008 to 2009.
Garry E. Wendlandt (BS Applied Math & CS 1972), is now Vice Chairman, New York Life Insurance Company.

2008 Alumni News

Academic

- **Professor Robert Akl** (MSc EE, 1996, DSc EE, 2000; Advisor: Professor Paul Min), was promoted to tenured Associate Professor at the University of North Texas.
- **Professor Robert Akl** (MSc EE, 1996, DSc EE, 2000; Advisor: Professor Paul Min), received the IEEE Professionalism Award from the Fort Worth Chapter for promoting engineering through summer Robocamps.
- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; Advisor: Professor Ervin Y. Rodin), received the University of Minnesota's Award for Outstanding Contributions to Postbaccalaureate, Graduate, and Professional Education. More
- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; Advisor: Professor Ervin Y. Rodin), now with University of Minnesota became Member At-Large, IEEE-USA Energy Policy Committee.
- **Professor Jonathan P. Caulkins** (BSSSE, MSc SSM, 1987), now with Carnegie Mellon University, co-authored a book on "Optimal Control of Nonlinear Processes."
- **Professor Jonathan P. Caulkins** (BSSSE, MSc SSM, 1987) now with Carnegie Mellon University, was one of eighty-two of the nation's brightest young engineers selected to take part in the National Academy of Engineering's (NAE) 14th annual U.S. Frontiers of Engineering symposium.
- **Professor Daizhan Cheng** (DSc SSM, 1985; Advisor: Professor T.J. Tarn), now with Chinese Academy of Sciences, was elected an IFAC (International Federation of Automatic Control) Fellow.
- **Professor Daniel Fuhrmann** (BSEE, 1979) became Chair of the Department Electrical and Computer Engineering, Michigan Tech.
- **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; Advisor: Professor John Zaborszky), now with Carnegie Mellon University, co-chairs the 4th CMU Electricity Conference.
- **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; Advisor: Professor John Zaborszky), now with Carnegie Mellon University, became Director of the newly formed Electric Energy Systems Group at ECE/CMU.
- **Professor Marija Ilic** (MSc SSM, 1978, DSc SSM, 1980; Advisor: Professor John Zaborszky), now with Carnegie Mellon University, received an honorary chair from TU Delft University in The Netherlands. More
- **Professor Navin Khaneja** (MSc EE, MSc Math, 1996) was named McKay Professor of Electrical Engineering at Harvard University.
- Professor Mark Spong (DSc SSM, 1981; Advisor: Professor T.J. Tam) became Dean of Engineering at the University of Texas at Dallas.
- Professor Ning Xi (DSc SSM, 1993; Advisor: Professor T.J. Tam), now with Michigan State University, became President Elect of the IEEE NANO Technology Council.
- **Professor Ellen Witte Zegura** (BSEE, BSCS, 1987), now with Georgia Institute of Technology, received an Alumni Achievement Award.
- **Professor Mingjun Zhang** (DSc SSM, 2000; Advisor: Professor T.J. Tam) became Director of the Nano Bio-systems, Bio-instrumentation and Automation Lab at the University of Tennessee-Knoxville.

Non-Academic

- Dr. Jeremy Ackerman (BSSSE and BME, 1996) joined the medical advisory board of InnerOptic Technology Inc.
- Mr. Bob Becnel (MSEE 2003) was Fellow in the National Society of Professional Engineers.
- **Mr. John Berra** (BSc SSE 1969), President of Emerson Process Management, was recognized at the Founder’s Day.
- Dr. Paul L. Chandeysson, M.D., (BSEE, 1958) received an Alumni Achievement Award.
- Mr. Zachary Lemnios (MSc EE, 1979), became Chief Technology Officer at MIT Lincoln Laboratory.
- **Ms. Anna Patterson** (BSEE, BSCS, 1987) launched a company to develop the search engine, Cuil and compete with Google. Read NYT
Dr. Charles Simmons (BSEE, 1970) received an Alumni Achievement Award. Charles E. Simmons retired in 2000 from Network Appliance Inc., where he worked as vice president of marketing and vice president of corporate development.

Dr. John Sommerer (BS SSM, MSc SSM, 1979) led a Naval Research Advisory Council study for the Secretary of the Navy and the Commander, US Pacific Fleet, on technical enablers to establish an Undersea Maritime Domain Awareness capability. The NRAC is the senior scientific advisory group to the Secretary, the Chief of Naval Operations, and the Commandant of the Marine Corps. Sommerer, the Director of Science and Technology for Johns Hopkins Applied Physics Laboratory, completed a two-year term as Vice Chair of the NRAC.

Dr. John Sommerer (BS SSM, MSc SSM, 1979), Director of Science & Technology and Chief Technology Officer of the Johns Hopkins Applied Physics Laboratory, became Head of APL's Space Department, which is responsible for executing several exciting NASA missions including, New Horizons and Messenger.

Mr. Graham Wright (BSEE 1984) saved the environment with solar energy.

Dr. Michael Barry (BSCE, 1983, MSEE, 1988) joined Pachira IP Inc. in Ottawa as VP of Patent Licensing.

2007 Alumni News

Academic

Dr. Jeremy Ackerman (BSSSE and BME, 1996) was appointed Assistant Professor at Emory University in the Department of Emergency Medicine.

Professor Massoud Amin (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now with the University of Minnesota, was elected Fellow of the IIIA.

Professor Marija Ilic (MSc SSM, 1978, DSc SSM, 1980; advisor: Professor John Zaborszky), now with Carnegie Mellon University, gave the keynote address at a workshop held during the 2007 IEEE International Conference on Systems, Man, and Cybernetics (SMC 2007) in Montreal, Canada.

Professor P. R. Kumar (MSc, 1975, DSc SSM, 1977; advisor: Professor Jan H. van Schuppen), now with the University of Illinois at Urbana-Champaign, received the Fred W. Ellersick Prize of the IEEE Communications Society. More

Professor P. R. Kumar (MSc, 1975, DSc SSM, 1977; advisor: Professor Jan H. van Schuppen), now with the University of Illinois at Urbana-Champaign, was elected to membership in the National Academy of Engineering.

Professor Aaron D. Lanterman (MSc EE 1995, DSc EE. 1998; advisors: Professors Michael Miller and Donald L. Snyder), now with Georgia Institute of Technology, was promoted to the rank of Associate Professor with tenure.

Professor Nader Mir (MSc EE, 1990, DSc EE, 1995; Advisor: Professor Jon Turner), now with San Jose State University, publishes a new book on Computer and Communication Networks.

Professor Timothy J. Schulz (DSc EE, 1990; advisor: Professor Donald L. Snyder) was appointed Dean of Engineering of Michigan Tech. More

Professor Timothy J. Schulz (DSc EE, 1990; advisor: Professor Donald L. Snyder), now with Michigan Tech, was elected Fellow of SPIE. More

Dr. Gang Shi (DSc EE, 2006; advisor: Professor Arye Nehorai) became Research Instructor in the Division of Biostatistics, Washington University in St. Louis.

Professor Mark Spong (DSc SSM, 1981; advisor: Professor T.J. Tarn), was with the University of Illinois at Urbana-Champaign, received the first IROS Fumio Harashima Award for Innovative Technologies, at the 2007 IEEE International Conference on Intelligent Robots and Systems. More

Professor Turhan Tunali (DSc SSM, 1985; advisor: Professor T.J. Tarn) became Director of the International Computer Institute at Ege University in Izmir, Turkey.

Professor Jonathan Turner (BSCS and BSEE, 1977), now with Washington University in Saint Louis, was elected to membership in the National Academy of Engineering.

Professor Xiaoping Yun (DSc SSM, 1987; advisor: Professor T.J. Tarn), now with the Naval Postgraduate School (NPS), became Fellow of IEEE.
Non-Academic

- Dr. Abed Hammoud (DSc EE, 1994; advisor: Professor Donald L. Snyder) became Chief Executive Officer of Schaerer-Mayfield Imaging.
- Dr. Daniel A. O'Connor (DSc SSM, 1978; advisor: Professor T.J. Tam), became Group Leader of System Architecture at MIT Lincoln Laboratory.
- Dr. Katherine A. Rink (BS, SSE, 1993, MS SSM, 1996, DSc SSM, 1998; advisor: Professor Ervin Y. Rodin), was promoted to Associate Group Leader of the Air Defense Techniques Group at MIT Lincoln Laboratory.
- Dr. Katherine A. Rink (BS, SSE, 1993, MS SSM, 1996, DSc SSM, 1998; advisor: Professor Ervin Y. Rodin) leads a team which was awarded an MIT Lincoln Laboratory Team Award.

2006 Alumni News

Academic

- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now with the University of Minnesota, was appointed to the Board on Mathematical Sciences and Their Applications (BMSA) of the United States National Academies.
- **Professor Massoud Amin** (MSc SSM, 1986, DSc SSM, 1990; advisor: Professor Ervin Y. Rodin), now with the University of Minnesota, was appointed to ONRL committee.
- **Professor Juan F. Arratia** (DSc EE 1985; advisor: Professor Raymond Kline), Universidad Metropolitana, San Juan, Puerto Rico, received the 2006 Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring, at a ceremony held at The White House.
- **Professor Jonathan P. Caulkins** (BSSSE, MSc SSM, 1987), now with Carnegie Mellon University, has been teaching at CMU's Qatar and Australia campuses, since 2005.
- **Professor Daizhan Cheng** (DSc SSM, 1985; advisor: Professor T.J. Tam), now with the Chinese Academy of Sciences, became Fellow of IEEE.
- Jim Hokanson (BS EE and BME 2006) joined the PhD program in Bioengineering at the University of Pittsburgh.
- **Professor P. R. Kumar** (MSc, 1975, DSc SSM, 1977; advisor: Professor Jan H. van Schuppen), now with the University of Illinois at Urbana-Champaign, received the IEEE Field Award in Control Systems. More
- **Professor J. Nicholas Laneman** (BSEE and BSCS, 1995), now with the University of Notre Dame, received the 2006 Presidential Early-Career Award.
- **Professor Aaron D. Lanterman** (MSc EE 1995, DSc EE, 1998; advisors: Professors Michael Miller and Donald L. Snyder), now with Georgia Institute of Technology, received the distinction Richard M. Bass/Eta Kappa Nu Outstanding Teacher Award, and holds the Demetrius T. Paris Junior Professorship, a special chair for the development of young faculty.
- **Professor Pierre Moulin** (DSc EE, 1990; advisors: Professor Donald L. Snyder and Professor Joseph A. O'Sullivan), now with the University of Illinois at Urbana-Champaign, became Editor-in-Chief of IEEE Trans. of Information Forensic and Security. More
- Professor Prakash Narayan (MSc SSM, 1978, DSc EE, 1981; advisor: Professor Donald L. Snyder), received two NSF grants. More
- A title="**" style="COLOR: #990000; TEXT-DECORATION: underline" href="http://pirun.ku.ac.th/~fengpyp/" target="">Professor Peerayot Sanpoph (DSc SSM, 2001; advisor: Professor T.J. Tam) became Director of Industrial Cooperation at Kasetsart University in Bangkok, Thailand.
- Professor Mark W. Spong (DSc SSM, 1981; advisor: Professor T.J. Tam), was with the University of Illinois at Urbana-Champaign, served as President of the IEEE Control Systems Society.
- Professor Renjen Su (DSc SSM, 1980; advisor: Professor T.J. Tam) was renewed as Dean of the College of Engineering and Applied Science at the University of Colorado in Denver.
- Professor Ning Xi(DSc SSM, 1983; advisor: Professor T.J. Tam), now with Michigan State University, became Fellow of IEEE.

Non-Academic

- Dr. Yilong Chen (DSc SSM, 1984; advisor: Professor T.J. Tam) became General Director of Asia Pacific Affairs and chief representative in China of
the Automotive Industry Action Group.

- Mr. Greg Sullivan (BS SSM, 1981) became Chief Executive Officer of **Global Velocity, Inc.**
- Dr. Di Yan (DSc SSM, 1990; advisor: Professor Hiro Mukai) became Director of Clinical Physics at **William Beaumont Hospital** in Royal Oak, MI.

### 2000 Alumni News

#### Academic

#### Non-Academic

- Dr. Frank Robey (DSc EE, 1990, Advisor: Prof. Daniel R. Fuhrmann), became an associate leader of the RF Technology Group, which develops and demonstrates innovative RF technologies as solutions to emerging national security needs in radar, electronic warfare, and communications at **MIT Lincoln Lab.**