

List of Doctoral Dissertations January 2001 – September 2021 Electrical and Computer Engineering, Rutgers University with Student Placement Information

Updated September, 2021

List of Doctoral Dissertations January 2001 – September 2021 Electrical and Computer Engineering, Rutgers University with Student Placement Information	1
1. Number of ECE Doctoral Graduates per Year January 2001 – January 2021	2
2. Placement Information for Jan 2001 – September 2021 Doctoral Graduates	3
3. List of Students, Dissertations, Advisors, Committee Members, and Defense Dates.....	4
4. Rutgers ECE Doctoral Graduates 2001-2021 who hold Faculty Positions	26
5. Rutgers ECE PhDs Who Graduated before January 2001 and Who Hold Faculty Positions	28
6. ECE Doctoral Dissertation Advisors - January 2001 to January 2021 and Number of Dissertations Supervised (293 Dissertations from January 2001 to January 2021)	29

1. Number of ECE Doctoral Graduates per Year January 2001 – January 2021

Year	January	May	October	Total per Year	TOTAL 2001-2021
2001	3	3	3	9	9
2002	3	3	4	10	19
2003	2	2	5	9	28
2004	1	5	5	11	39
2005	2	3	5	10	49
2006	2	2	5	9	58
2007	2	8	16	26	84
2008	11	6	4	21	105
2009	4	5	7	16	121
2010	2	6	7	15	136
2011	7	4	5	16	152
2012	2	4	4	10	162
2013	1	4	8	13	175
2014	3	3	5	11	186
2015	3	1	0	4	190
2016	4	4	5	13	203
2017	2	10	11	23	226
2018	2	5	6	13	239
2019	9	6	13	28	267
2020	9	9	7	25	292
2021	1*				293+
Average per year				14.64	

*Not counted in the average

Table 1: Number of the ECE Doctoral Dissertations per Year, 2001-2021

2. Placement Information for Jan 2001 – September 2021 Doctoral Graduates

Institutions	Number of Students	Universities and Companies
Universities	65 (22.1%)	
Assistant Professors	26	Beijing University (China), Cal State University Northridge, Old Dominion University, Technical College of Najaf (Iraq), University of Thi-Qar (Iraq), University of Alabama, Nankai University (China), Prairie View Texas A&M University, IIT Delhi (India), NYIT NYC, Rutgers University (2), Tamkang University Taiwan, Peking University, Georgia State University, Yeditepe University (Turkey), Michigan State University, Louisiana State University, University of Tennessee, University of Basrah (Iraq), Soochow University (China), Umm Al Qura University (Saudi Arabia)
Associate Professors	12	Lehigh University, Old Dominion University (2), Stevens Institute of Technology, University of South Carolina, Indiana University/Purdue University, ITT New Delhi (India), University of Maine, Arizona State University, University of Babes Boilay (Romania) , University of Florida Gainesville, China Agricultural University Beijing
Professors	6	EAFIT University Columbia, Prairie View Texas A&M University, Ajman University UAE, Florida State University, Xiamen University (China), University of Florida Gainesville
Post-doctoral students	12+3	Princeton University, University of Michigan, NYU, VPI, Cornell University, Purdue University, University of California at Berkeley, Sharif University (Iran), UCLA, Rutgers University Technical University of Munich (Germany), Yale University, Michigan State University
Research Associates	11	MIT CS & AI Laboratory, Stanford University, Aachen University (Germany), NYU Rutgers University (4), Northern Arizona University, Southern Illinois University, John Hopkins University Applied Physics Laboratory (JHPL)
National and International Research Laboratories and Institutes	16 (5.4%)	IBM TJ Watson Research Center (3), NASA, National Institute of Standards, Sarnoff Corporat., US Army Research Labs, Navy Research Labs, GE Research Labs, Institute of Electronic Devices (China), Lawrence Livermore National Lab, National Institute of Lasers (Romania), Scientific and Technological Research Council (Turkey), Brookhaven National Lab, Advanced Manufacturing Research Center (AMRC, Korea)
Telecommunication Industries Networking DSP	75 (25.5%)	Lucent/Alcatel-Lucent (12), Qualcomm (17), AT&T (3), Marvel Technology (2), Telecordia (3), Hitachi (2), Broadcomm (7), UT Star Telecom, Foursquare (2), Motorola Beijing (China), Robertson Technologies, iBiquity Digital Corp., SONY, Spirent Communications, Symbol Tech., NEC (2), Siemens, Sprint, BBN, Juniper Networks, Thompson, Aruba Networks (2), F5 Networks, Ortiva Network, Terrano Wireless, Li Creative Technologies Inc., Akamai, Tempus Labs, FactSet Research Systems, Network Systems, Totemic (2), Samsung, Electronic Arts, Aurora
Semiconductor and other EE Industries including Pharmaceutical and Administrative	46 (15.6%)	United Silicone Carbide (4), Intermolecular Inc. (2), Charter Semiconductors, Spansion, Photonic IC, Vitesse Semiconductor Inc., Traid Trek, Anadigics, Marvel Semiconductors (2), Lattice Semiconductors, Velox Semiconductor Inc., EPV Inc, Global Founders, Texas Instruments (3), Cerebrus Cooperation (2), SandDisk, Dialight, IPG Photonics, PsiQ, Alpha & Omega Semiconductor CA, Applied Materials Inc. (3), ON Semiconductor Mathworks, Ford Motor Co, Tesla, General Motors (2), Hyundai (Korea), Snap Inc., Intersil Cor., Novartis Pharmaceutical, Johnson & Johnson, Alaya Tech., Critical Path Institute, Rutgers Global, UTC Aerospace
Computer Industries and Financial	79 (26.9%)	
Computer Companies	70	Google (8), Toshiba, Xerox, Intel (10), ASK.com, Amazon (8), Yahoo, Microsoft (6), Apple (3), Hewlett Packard, Inter Digital (3), Cernuum Corp., Computer Associates, Atheros, Aliant, Trano Mets, Altair, Ebay, Integrated Solutions, SUN Micro Systems, NVIDIA (3), Nokia Research (2), Zenefits (2), Internet Infrastructure Corp., Aware, Mentor Graphics, Shape Security, Blue Danube Systems (2), Linkendin AI, Tableau Software, Facebook (3)
Financial Companies	12	Bloomberg (3), Millenium Capital Partners London, Credit Swiss Boston, JP Morgan, Goldman and Sachs, Barclays Capital, MSCI, Two Sigma Investment, Morgan Stanley, FlexTrade Systems
Medical Companies	1	Rizlab health

Table 2: Placement of ECE January 2001 – September 2021 Doctoral Graduates, 289 out of 293 Doctoral Graduates

3. List of Students, Dissertations, Advisors, Committee Members, and Defense Dates

1. **George V. Popescu**, *Design and Performance Analysis of a Virtual Reality-Based Telerehabilitation System*, Jan. **2001**. Advisor: **G. Burdea**. Committee: J. Flanagan, M. Parashar, D. Silver, W. Craelius (Biomedical Engineering, Rutgers Univ.).
Assistant Research Scientist, National Institute Lasers, Plasma and Radiation Physics, Bucharest, Romania.
2. **Cem Uygur Saraydar**, *Pricing and Power Control in Wireless Data Networks*, Jan. **2001**. Advisor: **N. Mandayam**. Committee: C. Rose, R. Yates, D. Goodman, V. Poor (Princeton Univ.).
General Motors
3. **Nikhil Gagvani**, *Parameter-Controlled Skeletonization – A Framework for Volume Graphics*, Jan. **2001**. Advisor: **D. Silver**. Committee: G. Burdea, H. Freeman, P. Meer, S. Gibson (Mitsubishi, MA).
Cernuim Corporation
4. **Yong Bai**, *Interlayer Protocol Interactions and Coordinations in Wireless Internet Access*, May **2001**. Advisor: **A. Ogielski**. Committee: D. Goodman, C. Rose, R. Yates, T. Lakshman (Lucent, NJ).
Motorola, Beijing, China
5. **Bogdan Matei**, *Heteroscedastic Errors-in-Variables Models in Computer Vision*, May **2001**. Advisor: **P. Meer**. Committee: D. Daut, S. Orfanidis, R. Yates, D. Tyler (Statistics, Rutgers Univ.).
Sarnoff Corporation, Princeton, NJ
6. **Lijun Qian**, *Optimal Power Control in Wireless Systems*, May **2001**. Advisor: **Z. Gajic**, Committee: N. Mandayam, C. Rose, R. Yates, D. Mitra (Lucent, NJ).
AT&T Professor, Prairie View Texas A&M University
7. **Abraham Ittycheriah**, *Trainable Question Answering Systems*, Oct. **2001**. Advisor: **R. Mammone**. Committee: P. Meer, J. Wilder, S. Roukas (IBM T. J. Watson).
IBM TJ Watson Research Center, NY
8. **Jie Lai**, *Performance of Channel Coding in Temporally and Spatially Correlated Wireless Channels*, Oct. **2001**. Advisor: **N. Mandayam**. Committee: D. Daut, R. Yates, D. Goodman.
Broadcomm
9. **Lei Song**, *Resource Control for Multimedia CDMA Networks: Hierarchical Design and Performance Analysis*, Oct. **2001**. Advisor: **N. Mandayam**. Committee: Z. Gajic, D. Goodman, R. Yates.
UT-Star Telecom
10. **Cristina Comaniciu**, *Integrated Access Control and Detection for QoS in Multimedia CDMA Networks*, Jan. **2002**. Advisor: **N. Mandayam**. Committee: Z. Gajic, R. Yates, P. Agrawal (Telecordia).
Associate Professor, Stevens Institute of Technology
11. **Harvey Ray**, *Real-Time Ray Casting Architectures for Volume Graphics and Volume Rendering*, Jan. **2002**. Advisor: **D. Silver**. Committee: M. Hsiao, M. Parashar, H. Pfister (MERL-A Mitsubishi).
Research Scientists, Hewlett-Packard
12. **Helmuth Trefftz**, *System Wide Constraints and User Preferences in Collaborative Virtual Environments*, Jan. **2002**. Advisor: **R. Mammone**. Committee: I. Marsic, M. Parashar, J. Wilder, M. Zyda (Naval Postgraduate School), and A. Medl (CAIP, Rutgers Univ.).
EAFIT University, Medellin, Colombia, Professor and Chair
13. **Liang Cheng**, *Network Awareness for Heterogeneous Data Networks*, May **2002**, Advisor: **I. Marsic**. Committee: J. Flanagan, N. Mandayam, R. Yates, Badrinath (Computer Science, Rutgers Univ.).

14. **Alvin Garcia**, *The Modified-Mean Cepstral Mean Normalized (MMCMN) Method for Channel-Robust Automatic Speech Recognition*, May 2002. Advisor: R. Mammone. Committee: S. Orfanidis, J. Wilder, E. Devinney (CAIP, Rutgers Univ.).
IBM TJ Watson Research Center, NY
15. **Miroslav Novak**, *Non-Negative Matrix Factorization Approach to Language Model Adaptation*, May 2002. Advisor: R. Mammone. Committee: P. Meer, J. Wilder, R. Gopinath (IBM, T. J. Watson).
BBN Company, MA
16. **Wei Ma**, *Integrated Design of Digital Communication Systems*, Oct. 2002. Advisor: D. Daut. Committee: N. Mandayam, D. Raychaudhuri, and H. Liu (Tellium Inc.)
Network Systems, Germantown, MD
17. **Dimitrie Popescu**, *Interference Avoidance in Wireless Systems*, Oct. 2002. Advisor: C. Rose. Committee: Z. Gajic, N. Mandayam, R. Yates, and M. Honig (Northwestern University).
Associate Professor, Old Dominion University
18. **Kiyoshi Tokie**, *Silicon Carbide Vertical Junction Field-Effect Transistors*, Oct. 2002. Advisor: J. Zhao. Committee: K. Cheung, M. Parker, and M. Weiner (USC Inc.)
Intel Corporation
19. **Ming Yu**, *Self-Similar Traffic Modeling and Network Performance Analysis*, Oct. 2002. Advisor: D. Daut. Committee: Z. Gajic, I. Marsic, and Y-T. Wang (Bell Labs Lucent Technologies).
Professor, Florida State University, Tallahassee, FL
20. **Steele G. Arbeeny**, *Navigating Media Using Virtual Environments*, Jan. 2003. Advisor: D. Silver. Committee: I. Marsic, M. Parashar, J. Wilder, and I. Carlbom (Lucent Technologies).
Technology Team Leader, Aliant
21. **Heng Wang**, *Opportunistic Transmission for Wireless Data Over Fading Channels Under Energy and Delay Constraints*, Jan. 2003. Advisor: N. Mandayam. Committee: P. Spasojevic, D. Yates, and S. Nanda (Narad Networks).
Qualcomm
22. **Sarah Koskie**, *Contributions to Nash Dynamic Games with Applications to Wireless Communications* (Interdisciplinary Program in Control Theory in Mathematics and Engineering), May 2003. Advisor: Z. Gajic. Committee: L. Greenstein, E. Sontag, and J. Kolmos (Mathematics, Rutgers Univ.).
Associate Professor, Indiana University/Purdue University
23. **Nuri William Emanetoglu**, *ZnO and Mg_xZn_{1-x}O Based Multilayer Structure for Tunable Surface Acoustic Wave Devices*, May 2003. Advisor: Y. Lu. Committee: P. Cheung, M. Parker, and A. Ballato (US Army CECOM).
Associate Professor, University of Maine
24. **Lan Rao**, *Graphical CMOS I_{DDQ} Testing Signatures Based on Data Mining*, Oct. 2003. Advisor: M. Bushnell. Committee: V. Agrawal, R. Mammone, I. Marsic, Nigh (IBM) and S. Chakravarty (Intel).
SUN Micro Systems
25. **Shuo Sheng**, *Testing and Verification by Exploring Circuit Properties*, Oct. 2003. Advisor: M. Hsiao. Committee: V. Agrawal, P. Meer, and E. Allender (Computer Science, Rutgers Univ.).
Mentor Graphics Corporation, Wilsonville, Oregon
26. **Rajnish Sinha**, *Noncoherent Multicarrier Communications and Multiuser Detection*, Oct. 2003. Advisor: R. Yates. Committee: D. Daut, N. Mandayam, C. Rose, and A. Yener (Penn State Univ.).
Lucent Technologies, Whippany, NJ

27. **John Sucec**, *Routing in Mobile Ad Hoc Networks: Scalability, Resource Management and Application*, Oct. **2003**. Advisor: I. Marsic. Committee: D. Raychaudhuri, R. Yates, and S. Papavassiliou (NJIT).
Telecordia Inc., Member of Technical Staff, NJ
28. **Feng Yan**, *4H-Silicon Carbide Avalanche Photodiodes*, Oct. **2003**. Advisor: J. Zhao. Committee: Y. Lu, M. Parker, and M. Weiner (United Silicon Carbide Inc.).
NASA, Maryland
29. **Lang Lin**, *Adaptive Transmission in Fading Environment*, Jan. **2004**. Advisor: R. Yates/Spasojevic. Committee: D. Raychaudhuri, C. Rose, and S. Schwartz (Princeton Univ.).
Symbol Technologies, Rockville, MD
30. **Jianghong Luo**, *Service Outage Based Adaptive Transmission in Fading Channels*, May **2004**. Advisor: R. Yates/Spasojevic. Committee: C. Rose, and G. Caire (Institute Eurecom).
Alcatel - Lucent, NJ
31. **Otilia Popescu**, *Interference Avoidance for Wireless Systems with Multiple Receivers*, May **2004**. Advisor: C. Rose. Committee: Z. Gajic, N. Mandayam, R. Yates, and S. Ulukus (Univ. of Maryland).
Associate Professor, Engineering Technology, Old Dominion University
32. **Tezaswi Raja**, *Minimum Dynamic Power CMOS Design with Variable Input Delay Logic*, May **2004**. Advisor: M. Bushnell. Committee: M. Parashar, D. Raychaudhuri, and V. Agrawal (Auburn Univ.).
Trano - Mets, CA
33. **Dragan Samardjija**, *Multiple Antenna Wireless Systems and Channel State Information*, May **2004**. Advisor: N. Mandayam. Committee: R. Yates, L. Greenstein, and G. Foschini (Lucent, NJ).
Alcatel - Lucent, NJ
34. **Wing Ho Andy Yuen**, *Fundamental Network Behavior of Mobile Ad Hoc Networks*, May **2004**. Advisor: R. Yates. Committee: N. Mandayam, D. Raychaudhuri, and D. Goodman.
Telecordia
35. **Haifeng Chen**, *Projection Based Robust Estimators for Computer Vision*, Oct. **2004**. Advisor: P. Meer. Committee: K. Dana, S. Orfanidis, and C. Kulikowski (Computer Science, Rutgers Univ.).
NEC, Princeton
36. **Nan Feng**, *User-Centric and Network-Centric Radio Resource Management*, Oct. **2004**. Advisor: N. Mandayam. Committee: Z. Gajic, R. Yates, and D. Goodman.
Alcatel - Lucent, Whippany, NJ
37. **Yanbin Luo**, *Silicon Carbide Power Bipolar Junction Transistors*, Oct. **2004**. Advisor: J. Zhao. Committee: M. Parker, K. Sheng, and D. Maurice (United Silicon Carbide Inc.).
Intel Corporation
38. **Salim Manji**, *Rate Adaptation Strategies for Progressive Image Transmission over Fading Channels*, Oct. **2004**. Advisor: N. Mandayam. Committee: D. Daut, R. Yates, and G. Djuknic (ITT, NJ).
Sprint Technologies
39. **Haifeng Sheng**, *Studies of Metal Contacts on (11-20) ZnO and Mg_xZn_{1-x}O Films*, Oct. **2004**. Advisor: Y. Lu. Committee: K. Cheung, M. Parker, and E. Armour (Turbodisc Div., Veeco Inc.).
Charter Semiconductors Inc.
40. **Rares F. Boian**, *Virtual Reality Based Post Stroke Rehabilitation Using Dual Stewart Platform Mobility Simulator*, Jan. **2005**. Advisor: G. Burdea. Committee: Z. Gajic, M. Parashar, D. Silver, and J. Deutsch (UMDNJ).
Associate Professor, University of Babes Boilay, CS Dep. Romania

41. **Xueqing Li**, *Design and Simulation of High Voltage 4H Silicon Carbide Power Devices*, Jan. **2005**. Advisor: **J. Zhao**. Committee: M. Parker, K. Sheng, and M. Weiner (United Silicon Carbide Inc.).
United Silicone Carbide, NJ
42. **Leonid Fursin**, *Design and Fabrication of a High-Voltage Normally-Off Planar 4H-Silicon Carbide Vertical Junction Field-Effect Transistor*, May **2005**. Advisor: **J. Zhao**. Committee: M. Parker, K. Sheng, and M. Weiner (United Silicon Carbide Inc.).
United Silicone Carbide, NJ
43. **Richard Harold Wittstruck**, *Characteristics of Zinc Oxide Based Multi-Layer Bulk Acoustic Wave Devices*, May **2005**. Advisor: **Y. Lu**. Committee: M. Parker, K. Sheng, and A. Ballabo (US Army CECOM).
Chief System Engineer, US Army CEREDDEC, NJ
44. **Maoyou Sun**, *Electrostatic Discharge Protection for GaAs Devices and Integrated Circuits*, May **2005**. Advisor: **Y. Lu**. Committee: K. Cheung, M. Parker, K. Sheng, and H. Pham (Industrial Engineering, Rutgers Univ.).
Senior Design Engineer, Vitesse Semiconductor Inc., CA
45. **Xiaolin Li**, *Adaptive Runtime Management of Spatial and Temporal Heterogeneity of Dynamic SAMR Applications*, Oct. **2005**. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, Y. Zhang, and H. Pham (Industrial Engineering, Rutgers Univ.).
Professor, University of Florida Gainesville
46. **Hua Liu**, *Accord: A Programming System for Automatic Self-Managing Applications*, Oct. **2005**. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, and Y. Zhang, and J. Ray (Sandia National Laboratories).
Microsoft
47. **Jack Ou**, *Design and Analysis of Shunt Peaked Distributed Current Communicating Mixer*, Oct. **2005**. Advisor: **M. Caggiano**. Committee: D. Daut, S. McAfee, and J. Khoury (Bell Labs., NJ).
Assistant Professor California State University Northridge
48. **Cristina Simona Schmidt**, *Flexible Information Discovery with Guaranteed in Peer-to-Peer Distributed Systems*, Oct. **2005**. Advisor: **M. Parashar**. Committee: P. Meer, D. Silver, Y. Zhang, and R. Subramanian (School of Business, Quinnipiac Univ.).
Google
49. **Jing Wang**, *BTF/BRDF Texture Measurement and Modeling*, Oct. **2005**. Advisor: **K. Dana**. Committee: I. Marsic, P. Meer, and A. Elgammal (Computer Science, Rutgers Univ.).
Assistant Professor, Nankai University, Tianjin, China
50. **Weiliang Liu**, *Joint Source Channel (De) Coding for Progressive Image Transmission Using Turbo and LDPC Codes*, Jan. **2006**. Advisor: **D. Daut**. Committee: T. Marshall, S. Orfanidis, W. Trappe, and A. Akansu (NJIT).
Qualcomm, San Diego, CA
51. **Guangsen Zhang**, *Decentralized Information Sharing for Detection and Protection Against Network Attacks*, Jan. **2006**. Advisor: **M. Parashar**. Committee: I. Marsic, W. Trappe, Y. Zhang, and H. Pham (Industrial Engineering, Rutgers Univ.).
Morgan Stanley, NYC, NY
52. **Guofeng Lu**, *Antenna and Synchronization Design Issues for the Ultra-Wideband Systems*, May **2006**. Advisor: **P. Spasojevic/Greenstein**. Committee: S. Orfanidis, and A. Haimovich (NJIT).
J. P. Morgan Chase, NY
53. **Jianhui Zhang**, *Design and Fabrication of 4H Silicon Carbide Power Bipolar Junction Transistors*, May **2006**. Advisor: **J. Zhao**. Committee: M. Parker, K. Sheng, and M. Weiner (United Silicon Carbide).
United Silicon Carbide, Inc.

54. **Sudharshan Rao**, *Operational Fault Detection in Distributed Cellular Networks: Framework and Methodologies*, Oct. 2006. Advisor: **Z. Gajic**. Committee: D. Daut, I. Marsic, and Q. Zhang (Bell Labs).
Lucent, Whippany, NJ
55. **Pan Wu**, *Fe-doped ZnO Film and Nanostructures for Spintronics*, Oct. 2006. Advisor: **Y. Lu**. Committee: K. Cheung, M. Parker, and R. Bartynski (Physics, Rutgers. Univ.).
Analytical Engineer, Traid Trek, CT
56. **Li Zhang**, *Enabling Asynchronous Interaction and Coupling for Parallel Scientific Applications Using Semantically-Specialized Shared Spaces*, Oct. 2006. Advisor: **M. Parashar**. Committee: D. Silver, I. Marsic, Y. Zhang, and S. Klasky (Oak Ridge National Laboratory).
Bloomberg, NYC, NY
57. **Sung Bang**, *Analysis of Optical Communication Systems Employing Dense Wavelength Division Multiplexing in the Presence of Fiber Nonlinearities*, Oct. 2006. Advisor: **D. Daut**. Committee: Z. Gajic, S. McAfee, V. Radisavljevic (Lafayette College).
58. **Ivana Maric**, *Cooperative Strategies for Wireless Relay Networks*, Oct. 2006. Advisor: **R. Yates**. Committee: L. Greenstein, C. Rose, A. Goldsmith (Stanford Univ.), and S. Shamai (Technion).
Research Scientist, Stanford University
59. **Ashutosh Morde**, *Asymmetric Collaboration: Enabling A Shared Workspace Through Augmented and Virtual Realities*, Jan. 2007. Advisor: **M. Bouzit**. Committee: L. Rabiner, J. Wilder, B. Juang (Georgia Institute of Technology) and J. Flanagan (Avaya Labs).
GE Research Labs, Schenectady, NY
60. **Mehmet Kemal Karakayal**, *Network Coordination for Spectrally Efficient Communications in Wireless Networks*, Jan. 2007. Advisor: **R. Yates**. Committee: G. Foschini, N. Mandayam, P. Spasojevic, R. Valenzuela (Bell Labs, Holmdel).
Alcatel - Lucent
61. **Carlos Correa**, *Illustrative Deformation of Volumetric Objects*, May 2007. Advisor: **D. Silver**. Committee: G. Burdea, K. Dana, and M. Chen (University of Wales, Swansea).
Computer Scientist, Lawrence Livermore National Lab
62. **Zhen Li**, *A Scalable, Decentralized Coordination Infrastructure for Grid Environments*, May 2007. Advisor: **M. Parashar**. Committee: I. Marsic, D Silver, Y. Zhang, and H. Pham (Industrial and Systems Engineering, Rutgers University).
Goldman & Sachs, NYC, NY
63. **Qing Li**, *Detection and Defense Strategies for Anomalous Traffic in Wireless Networks*, May 2007. Advisor: **W. Trappe**. Committee: D. Raychaudhuri, Y. Zhang, M. Gruteser, and J. Kilian (Computer Science, Rutgers University).
Hitachi
64. **Hithesh Nama**, *Resource Allocation in Cooperative and Non-Cooperative Energy-Constrained Wireless Networks*, May 2007. Advisor: **N. Mandayam**. Committee: P. Spasojevic, R. Yates, and M. Chiang (Princeton University).
Marvell Semiconductors, CA
65. **Di Wu**, *Sequence Design for DS-SS Communications with Applications to Ultra-Wideband Systems*, May 2007. Advisor: **R. Spasojevic**. Committee: L. Greenstein, R. Yates, and A. Haimovich (NJIT).
Lattice Semiconductors, PA
66. **Ruoheng Liu**, *Reliable and Secure Communication Schemes for Wireless Networks*, May 2007. Advisor: **P. Spasojevic**. Committee: N. Mandayam, C. Rose, R. Yates, and E. Soljanin (Lucent).
Wireless Systems Engineer, Alcatel-Lucent
67. **Nicu Daniel Cornea**, *Curve Skeletons: Properties, Computation and Applications*, May 2007. Advisor: **D. Silver**. Committee: G. Burdea, P. Meer, and Al Shokoufandeh (Drexel University).
Scientist, Google

68. **Sumar Chandra**, *A Multiobjective Approach for Addressing Dynamism and Heterogeneity in Parallel Scientific Simulations*, May 2007. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, Y. Zhang, and J. Ray (Sandia National Laboratories, Livermore, CA)
Bloomberg, NY
69. **Jian Zhong**, *Optical Properties of Zinc Oxide Nanotips and Their Device Applications*, Oct. 2007. Advisor **Y. Lu**. Committee: W. Jiang, S. McAfee, K. Sheng, H. Shen (Army Research Labs, Adelphi, MD), H. M. Ng (Bell Laboratories, Murray Hill, NJ).
Research Associate, Rutgers University
70. **Xiaobin Xin**, *4H-Silicon Carbide Single Photon Counter*, Oct. 2007. Advisor **J. Zhao**. Committee: P. Panayotatos, K. Sheng, and M. Weiner (United Silicone Carbide Inc., New Brunswick NJ) .
Velox Semiconductor Inc., NJ
71. **Omar I. Khan**, *SPARTAN: A Spectral and Entropy-Based Partial-Scan and Test Point Insertion Algorithm*, Oct. 2007. Advisor: **M. Bushnell**. Committee: I. Marsic, M. Parashar, V. Agrawal (Auburn University), T. J. Chakraborty (Alcatel-Lucent Bell Labs, Whippany, NJ).
Qualcomm, San Diego, CA
72. **Yinglung Liang**, *Failure Analysis, Modeling, and Prediction for BlueGene/L**, Oct. 2007. Advisor: **Y. Zhang**. Committee: M. Parashar, W. Trappe, and H. Xiong (MSIS Department, Rutgers University).
ASK.com
73. **Srinivas Maloor**, *Statistical Strategies for Scaling and Weighting Variables for Cluster Analysis*, Oct. 2007. Advisor: **D. Madigan**. Committee: S. Orfanidis, J. Wilder, J. Kettenring (RISE, Drew University), and R. Gnadesikan (Statistics Department, Rutgers University).
Researcher at MSCI Inc.
74. **Jasvinder Singh**, *Resource Allocation in Coordinated and Un-Coordinated Wireless Systems with Greedy or Non-Greedy Users*, Oct. 2007. Advisor: **C. Rose**. Committee: N. Mandayam, R. Yates, and K. Balachandran (Lucent Technologies, Holmdel, NJ).
Qualcomm Flarion Technologies
75. **Vincent Matossian**, *Analyzing the Impact of Local Perturbations of Network Topologies at the Application Level*, Oct. 2007. Advisor: **M. Parashar**. Committee: M. Gruteser, I. Marsic, and Y. Zhang, and S. Klasky (Oak Ridge National Labs, TN).
Altair, CA
76. **Sachin Ganu**, *Cross Layer Network Architecture for Efficient Packet Forwarding in Wireless Networks*, Oct. 2007. Advisor: **D. Raychaudhuri**. Committee: W. Trappe, Y. Zhang, and A. Acharya (IBM TJ Watson, Hawthorne, NY).
Aruba Networks, San Jose, CA
77. **Sumathi Gopal**, *Cross-Layer Aware Transport Protocols for Wireless Networks*, Oct. 2007. Advisor: **D. Raychaudhuri**. Committee: W. Trappe, R. Yates, S. Paul (Visiting Professor, ECE Rutgers University) and K. Ramaswamy (Thompson Inc., Princeton, NJ).
Ortiva Networks, San Diego, CA
78. **Xiangfang Li**, *Multi-Layer Optimization in Wireless Ad Hoc Networks*, Oct. 2007. Advisor: **Z. Gajic**. Committee: D. Daut, I. Marsic, and M. Lelic (United Technologies, Hartford, CT).
Assistant Professor, Prairie View Texas A&M University
79. **Baozhen Yu**, *A Novel Dynamic Power Cutoff Technology (DPCT) for Active Leakage Reduction in Deep Submicron VLSI CMOS Circuits*, Oct. 2007. Advisor: **M. Bushnell**. Committee: I. Marsic, K. Sheng, Y. Zhang, and V. Agrawal (Auburn University).
N. Vidia
80. **Omer Ileri**, *Dynamic Spectrum Access Models: Towards an Engineering Perspective in the Spectrum Debate*, Oct. 2007. Advisor: N. Mandayam. Committee: D. Raychaudhuri, R. Yates, and C. Comaniciu (Stevens Institute of Technology).
Scientific and Technological Research Council of Turkey

81. **Wenyuan Xu**, *Defending Wireless Networks from Radio Interference Attacks*, Oct. **2007**. Advisor: **W. Trappe**. Committee: M. Gruteser, D. Raychaudhuri, Y. Zhang, and W. Horne (Hewlett-Packard, Princeton, NJ).
Associate Professor, University of South Carolina.
82. **Lalitha Sankar**, *Relay Cooperation in Multiaccess Networks*, Oct. **2007**. Advisor: **N. Mandayam**. Committee: R. Yates, P. Spasojevic, V. Poor (Princeton University), and G. Kramer (Alcatel-Lucent, Murray Hill, NJ).
Associate Professor, Arizona State University
83. **Hongju Gao**, *Performance Evaluation of Multi-hop WPANDs Based a Realistic OFDM UWB Physical Layer*, Oct. **2007**. Advisor: **D. Daut**. Committee: I. Marsic, W. Trappe, Y. Zhang, and J. Kang (Telecordia Technologies, Piscataway, NJ).
Associate Professor, China Agricultural University, Beijing
84. **Stathis S. Leondopoulos**, *A Study on Adaptive Stimulation of the Basal Ganglia in the Treatment of Parkinsonism*, Oct. **2007**. Advisor: **E. Micheli-Tzanakou**. Committee: M. Bushnell, M. Caggiano, Z. Gajic, S. Orfanidis, and R. Nowakowski (UMDNJ-RWJMS, Piscataway, NJ).
Research Associate, Southern Illinois University, School of Medicine.
85. **Rajamani Sethuram**, *Reducing Digital Test Volume Using Test Point Insertion*, Jan. **2008**. Advisor: **M. Bushnell**. Committee: P. Meer, M. Parashar, L. Rabiner, S. Chakradhar (NEC, Princeton, NJ), and T. J. Chakraborty (Bell Labs, Whippany, NJ).
Qualcomm, Sand Diego, CA
86. **Hari Vijay Venkatanarayanan**, *Jitter Reduction Circuits to Reduce the Bit-Error Rate of High-Speed Serializer-Deserializer (SERDES) Circuits*, Jan. **2008**. Advisor: **M. Bushnell**. Committee: L. Rabiner, K. Sheng, and T. J. Chakraborty (Bell Labs, Whippany, NJ).
Toshiba, Minneapolis
87. **Yun Wang**, *High Frequency Techniques for Advanced MOS Device Characterization*, Jan. **2008**. Advisor: **K. Cheung**. Committee: Y. Lu, K. Sheng, and J. S. Suehle (National Institute of Standards and Technology, Gaithersburg, MD).
Testing Engineer at Intermolecular Inc., CA
88. **Suli Zhao**, *On the Scalability of Ad Hoc Wireless Networks*, Jan. **2008**. Advisor: **D. Raychaudhuri**. Committee: W. Trappe, R. Yates, and A. Acharya (IBM TJ Watson research, Hawthorne, NY).
Qualcomm Inc., San Diego, CA
89. **Hongbo Liu**, *Cross-Layer Design for Reliable and Efficient Data Transmission over Multiple Antenna Mobile Infostation Networks*, Jan. **2008**. Advisor: **N. Mandayam**. Committee: D. Raychaudhuri, R. Yates, and L. Razoumov.
Spirent Communications
90. **Xiangpeng Jing**, *Spectrum Coordination Protocols and Algorithms for Cognitive Radio Networks*, Jan. **2008**. Advisor: **D. Raychaudhuri**. Committee: N. Mandayam, W. Trappe, and H. Liu.
Sony R&D, San Diego, CA
91. **Hanhog Chen**, *Dye Sensitized Solar Cells Using ZnO Nanotips and Ga-Doped ZnO Films*, Jan. **2008**. Advisor: **Y. Lu**. Committee: W. Jiang, P. Panayotatos, K. Sheng, and A. Pasquier (Material Sciences and Engineering, Rutgers University).
Testing Engineer at Intermolecular Inc., CA
92. **Yuzhu Li**, *Design, Fabrication and Process Development of 4H-Silicon Carbide Trench and Implanted Vertical Junction Field-Effect Transistor*, Jan. **2008**. Advisor: **J. Zhao**. Committee: W. Jiang, K. Sheng, and M. Weiner (United Silicon Carbide Inc., New Brunswick, NJ).
Institute of Electronic Devices, China
93. **Jun Zhu**, *Tunable ZnO Surface Acoustic Wave Devices Based on Acoustoelectric Interaction*, Jan. **2008**. Advisor: **Y. Lu**. Committee: P. Panayotatos, W. Jiang, and A. Safari (Material Science and Engineering, Rutgers University).
Senior Design Engineer, Anadigics, NJ
94. **Zhibin Wu**, *Towards Conflict-Free Switching in Multihop Wireless Mesh*, Jan. **2008**. Advisor:

- D. Raychaudhuri**. Committee: W. Trappe, Y. Zhang, and H. Liu (Thomson).
Qualcomm Inc., Bridgewater, NJ
95. **Zheng Zhang**, *ZnO Nanotip-based Acoustic Wave Sensors*, Jan. **2008**. Advisor: **Y. Lu**. Committee: W. Jiang, K. Sheng, and E. Galoppini (Chemistry Department, Rutgers University).
Device Engineer, Spansion, Inc., CA
96. **Raghav Subbarao**, *Robust Statistics over Riemannian Manifolds for Computer Vision*, May **2008**. Advisor: **P. Meer**. Committee: K. Dana, S. Orfanidis, W. Trappe, and Y. Genc (Siemens, NJ).
Millenium Capital Partners, London
97. **Gaurav Saraf**, *Studies of In-plane Anisotropic Physical Properties in a-plane $Mg_xZn_{1-x}O$* , May **2008**. Advisor: **Y. Lu**. Committee: M. Parker, K. Sheng, T. Siegrist (Bell Labs, Murray Hill, NJ), F. Cosandey (Material Science and Engineering, Rutgers University).
Staff Scientist, EPV Inc., NJ
98. **Ying Chen**, *Piezoelectricity in ZnO-based Multilayer Structures for Sensor Applications*, May **2008**. Advisor: **Y. Lu**. Committee: W. Jiang, K. Sheng, R. Wittstruck (US Army, Fort Monmouth, NJ).
Senior Engineer, Qualcomm, CA.
99. **Rahul Pupala**, *Investigation of Co-Channel Interference, Channel Dispersion, and Multi-User in MIMO-Based Cellular System*, May **2008**. Advisor **D. Daut**. Committee: L. Greenstein, N. Mandayam, P. Spasojevic, and L. Cimini Jr. (University of Delaware).
Alcatel-Lucent, Inter Digital Communications
100. **Hou-Shin Chen**, *Spectrum Sensing for Wireless Broadcast Communication Systems*, May **2008**. Advisor: **D. Daut**. Committee: I. Marsic, S. Orfanidis, P. Spasojevic, and W. Gao (Thomson Inc., NJ).
Thomson Inc., NJ
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Yahoo, Santa Clara, CA
102. **Baik Hoh**, *Achieving Guaranteed Anonymity in Time Series Location Data*, Oct. **2008**. Advisor: **M. Gruteser**. Committee: R. Yates, Y. Zhang, H. Xiong (MSIS Department, Rutgers University, Newark).
Nokia Research, Palo Alto, CA.
103. **Yongxi Zhang**, *Development of 4H Silicon Carbide JFET-Based Power Integrated Circuits*, Oct. **2008**. Advisor: **J. Zhao**. Committee: W. Jiang, K. Sheng, and M. Weiner (United Silicon Carbide Inc., New Brunswick, NJ).
Texas Instruments
104. **Jun Hu**, *4H-SiC Detectors for Low Level Ultraviolet Detection*, Oct. **2008**. Advisor: **J. Zhao**. Committee: W. Jiang, K. Sheng, and M. Weiner (United Silicon Carbide Inc., New Brunswick, NJ).
Alpha & Omega Semiconductor, CA, Sr. Product Engineer
105. **Jian Zhang**, *Exploiting Wireless Broadcasting Nature for High-Throughput 802.11 Mesh Networks*, Oct. **2008**. Advisor: **I. Marsic**. Committee: M. Parashar, Y. Zhang, and Dr. J. Sucec (Telecordia Technologies, Piscataway, NJ).
Integrated Solutions Inc., Holmdel, NJ
106. **Jian Wu**, *Design and Fabrication of 4H-Silicon Carbide MOSFETs*, Jan. **2009**. Advisor : **J. Zhao**. Committee: W. Jiang, K. Sheng, and M. Weiner (United Silicon Carbide Inc., New Brunswick, NJ).
Credit Swiss, Boston
107. **Kishore Ramachandran**, *Bit-Rate Transmit Power and Beam Pattern Selection in CSMA Wireless Networks*, Jan. **2009**. Advisor: **M. Gruteser**. Committee: D. Raychaudhuri, P. Spasojevic, and R. Kokku (NEC Laboratories, Princeton, NJ).
NEC Labs, Princeton, NJ

108. **Silvija Kokalj-Filipovic**, *Infrastructures for Data Dissemination and In-Network Storage in Location-Unaware Wireless Sensor Networks*, Jan. 2009. Advisors: **R. Yates and P. Spasojevic**. Committee: D. Raychaudhuri, M. Gruteser, and E. Soljanin (Alcatel-Lucent).
Navy Research Labs
109. **Zhuyu Lei**, *Utility-Based Power Control for Packet Switched Wireless Networks*, Jan. 2009. Advisor: **N. Mandayam**. Committee: C. Rose, R. Yates, D. Goodman (Polytechnic University) and Dr. S. Grandhi (Intel Digital Corporation).
Alcatel-Lucent, MTS
110. **Joedeep Acharya**, *Utility and Profit Maximization in Dynamic Spectrum Allocation*, May 2009. Advisor: **R. Yates**. Committee: C. Rose, N. Mandayam, and M. Buddhikot (Alcatel-Lucent Bell Labs, Muray Hill, NJ).
Hitachi Labs, San Jose, CA
111. **Liang Xiao**, *PHY-Techniques to Improve Higher-Layer Functions in Wireless Networks*, May 2009. Advisor: **N. Mandayam**. Committee: W. Trappe, L. Greenstein, and R. Valenzuela (Alcatel-Lucent).
Professor, Department of Communication Engineering, Xiamen University, China
112. **Lin Yang**, *Robust Segmentation and Object Classification in Natural and Medical Images*, May 2009. Advisor: **P. Meer**. Committee: K. Dana, M. Parashar, Y. Zhang, and D. Foran (UMDNJ-Robert Wood Johnson Medical School).
Associate Professor, University of Florida
113. **Nanyan Jiang**, *A Programming System for Sensor-Driven Scientific Applications*, May 2009. Advisor: **M. Parashar**. Committee: I. Marsic, D. Pompili, Y. Zhang, and H. Pham (Industrial and Systems Engineering, Rutgers University).
Microsoft
114. **Maria Velez**, *A Cognition-Based Framework for the Development of Visualization Literacy*, May 2009. Advisors: **D. Silver and M. Tremaine**. Committee: K. Dana, J. Wilder, and C. Ware (University of New Hampshire).
Computer Associates, CA
115. **Chandra Sekhar Mantravadi**, *Adaptive Multimodal Integration for Human Understanding using Speech and Gaze*, Oct. 2009. Advisors: **J. Wilder and M. Tremaine**. Committee: I. Marsic, L. Rabiner, R. Mammone, and J. Gwizdka (Library and Information Sciences, Rutgers University).
Barclays Capital, Vice-President
116. **Fu-Yi Hung**, *Performance Analysis of the IEEE 802.11 – Based Wireless Networks in the Presence of Hidden Stations*, Oct. 2009. Advisor: **I. Marsic**. Committee: D. Daut, D. Pompili, and L. Cheng (Lehigh University).
Assistant Professor, Tamkang University, Tamsul, Taiwan
117. **Petre Alexandrov**, *Development of 4H-SiC High Voltage Unipolar Power Switching Devices*, Oct. 2009. Advisor: **J. Zhao**. Committee: W. Jiang, M. Tayahi, and M. Weiner (United Silicon Carbide, New Brunswick, NJ).
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118. **Yu Zhang**, *Enhancing the Efficacy and Security of Engineering Wireless Systems*, Oct. 2009. Advisor: **W. Trappe**. Committee: Y. Zhang, D. Raychaudhuri, and Y. Chen (Stevens Institute of Technology).
Broadcom
119. **Zang Li**, *Opportunistic Secret Communication in Wireless Networks*, Oct. 2009. Advisors: **W. Trappe and R. Yates**. Committee: N. Mandayam, and R. Liu (Princeton University).
Juniper Networks, Fremont, CA
120. **Eun-Hyeong Yi**, *Photo-Assisted Wet (PAW) Etching for Laser Fabrication*, Oct. 2009. Advisor: **M. Parker**. Committee: Y. Lu, S. McAfee, Z. Gajic, M. Caggiano, and G. Sigel (Materials and Science Engineering, Rutgers University).
121. **Jun Hou**, *On the Use of Frame and Segment-Based Methods for the Detection and Classification of Speech Sounds and Features*, Oct. 2009. Advisor: **L. Rabiner**. Committee: J. Wilder, I. Marsic, A. Rosenberg (CAIP, Rutgers University), C-H. Lee (Georgia Tech).
AT&T, Middletown, NJ
122. **Canute Vaz**, *Estimation and Equalizations of Communications Channels Using Wavelet Transforms*,

- Jan. **2010**. Advisor: **D. Daut**. Committee: S. McAfee, S. Organidis, P. Sannuti, and R. Chant (Marine and Coastal Sciences, Rutgers University).
Robertson Technologies
123. **Ka Mun Ho**, *Automatic recognition and Demodulation of Digitally Modulated Communication Signals Using Wavelet-Domain Signatures*, Jan. **2010**. Advisor: **D. Daut**. Committee: Z. Gajic, S. Orfanidis, L. Rabiner, and A. Madabhushi (Bioengineering Department, Rutgers University).
Postdoctoral Cornell University
124. **Ming Su**, *Power Devices and Integrated Circuits Based on 4H-SiC Lateral JFETs*, May **2010**. Advisor: **K. Sheng and J. Zhao**. Committee: Y. Lu, and K. Cheung (National Institute of Standards).
Ford Motor Co.
125. **Liangchun Yu**, *Simulation, Modeling and Characterization of SiC*, May **2010**. Advisor: **K. Sheng**. Committee: W. Jiang, Y. Lu, and K. Cheung (National Institute of Standards).
National Institute of Standards, Maryland
126. **Chandrasekharan Raman**, *Relaying and Scheduling in Interference Limited Wireless Networks*, May **2010**. Advisors: **R. Yates, N. Mandayam, and G. Foschini**. Committee: A. Sampath (Qualcomm).
Alcatel-Lucent Murray Hill, NJ
127. **Xiaojun Tang**, *Communication over Wireless Channels with Information-Theoretic Secrecy*, May **2010**. Advisor: **P. Spasojevic**. Committee: N. Mandayam and R. Yates, and V. Poor (Princeton University).
Marvel Technology Group Santa Clara, CA
128. **Thang Tien Nguyen**, *Sliding Mode Control for Systems with Slow and Fast Modes*, May **2010**. Advisor: **Z. Gajic**. Committee: D. Pompili and D. Spasojevic, and Wu-Chung Su (National Chung Hsing University of Taiwan).
Postdoctoral Scholar, Northern Arizona University
129. **Andres Quiroz Hernandez**, *Decentralized Online Clustering for Supporting Automatic Management of Distributed Systems*, May **2010**. Advisor: **M. Parashar**. Committee: D. Pompili, M. Gruteser, and N. Gnanasambandam (Xerox Corporation).
Xerox, Webster NY
130. **Aliye Ozge Kaya**, *Channel Modeling Approaches to Wireless System Design and Analysis*, Oct. **2010**. Advisors: **W. Trappe and L. Greenstein**. Committee: N. Mandayam, D. Chizek (Alcatel-Lucent).
Alcatel-Lucent
131. **Suhas Mathur**, *Building Information-Theoretic Confidentiality and Traffic Privacy into Wireless Networks*, Oct. **2010**. Advisors: **W. Trappe** and **N. Mandayam**. Committee: D. Raychaudhuri, M. Gruteser, and A. Reznik (Inter Digital Communications).
AT&T Security Labs
132. **Mesut Ergin**, *Performance Improvements for Unplanned High density Wireless LANs*, Oct. **2010**. Advisor: **M. Gruteser**. Committee: D. Raychaudhuri, P. Spasojevic, and R. Martin (Computer Science Department, Rutgers University).
Intel Labs, Hillsboro, OR
133. **Song Liu**, *Interference Issues in Modern Communication Systems*, Oct. **2010**. Advisor **W. Trappe**. Committee: L. Greenstein, N. Mandayam, and Y. Chen (Stevens Institute of Technology).
Apple
134. **Hee Taek Yi**, *Functional Transport Properties in Complex Transition Metal Oxides*, Oct. **2010**. Advisor: **S-W. Cheong**. Committee: P. Panayotatos, W. Jiand, and W. Wu (Physics department, Rutgers University).
Research Associate, Rutgers University, Department of Physics
135. **Lin Luo**, *Association, Routing and Scheduling Algorithms for Enhancing Throughput and Fairness in Wireless Mesh Networks*, Oct. **2010**. Advisor: **D. Raychaudhuri**. Committee: R. Yates, W. Trappe, and H. Liu (Thomson Inc., Princeton).
Marvel Technology Group, Santa Clara, CA

136. **Beizhong Chen**, *Reducing Handover Latency and Improving TCP Performance in Wireless Networks*, Oct. **2010**. Advisor: **I. Marsic**. Committee: D. Daut, D. Pompili, and L. Cheng (Lehigh University).
Atheros, San Jose, CA
137. **Jing Lei**, *Optimization Technique for Configuration of Advance Wireless Networks*, Jan. **2011**. Advisor: **R. Yates**. Committee: L. Greenstein, M. Gruteser, W. Trappe, S. Kishore (Lehigh University).
Qualcom, was with Marvel Semiconductors, Santa Clara, CA
138. **Haris Kremo**, *On Spatial and Temporal Coherence of a Class of Wireless Vehicular Short Range Channels*, Jan. **2011**. Advisor: **P. Spasojevic**. Committee: S. Orfanidis, R. Yates, L. Greenstein, Dr. Dmitry Chizhik (Alcatel-Lucent, Holmdel, NJ).
Research Scientist, Aachen University, Germany .
139. **Mingliang Wang**, *Object-Oriented Stream Programming using Aspects: A High-Productivity Programming Paradigm for Hybrid Platforms*, Jan. **2011**. Advisor: **M. Parashar**. Committee: D. Pompili, Y. Zhang, U. Kremer (Computer Science Department, Rutgers University).
Google
140. **Madhavi Vedula Ratnagiri**, *Design of Loss Functions and Future Transformation for Minimum Classification Error Based Automatic Speech Recognition*, Jan. **2011**. Advisor: **L. Rabiner**. Committee: J. Wilder, I. Marsic, and Biing-Hwang Juang (Georgia Tech).
Li Creative Technologies Inc.
141. **Michael Loiacono**, *Cross-Layer Performance Analysis and Adaptation for Real-Time Wireless Video Streaming*, Jan. **2011**. Advisor: **W. Trappe**. Committee: K. Dana, D. Raychaudhuri, M. Gruteser, and J. Rosca (Siemens, Princeton, NJ).
Siemens
142. **Manish Mahajan**, *Dynamic Modeling and Forecasting Algorithms for Financial Data Systems*, Jan. **2011**. Advisor: **N. Puri**. Committee: Z. Gajic, I. Marsic, B. Jaggi (Rutgers Business School), and C. Lee (Rutgers Business School).
143. **Robert D. Miller**, *Exploiting the Physical Layer to Enhance Wireless Operation with Cognitive Radios*, Jan. **2011**. Advisor: **W. Trappe**. Committee: D. Raychaudhuri, M. Gruteser, P. Pruncal (Princeton University).
Telecordia
144. **Lijun Dong**, *Content Caching, Retrieval and Dissemination in Networks with Storage*, May **2011**. Advisor: **Y. Zhang**. Committee: D. Raychaudhuri, R. Yates, and Hang Liu (Inter Digital Communications, LLC, King of Prussia, PA).
Inter Digital, PA
145. **Ryan Elkholy**, *Novel Multi-Electrode Probe with Three Dimensional Spatial Resolution for Simultaneous Recording/Stimulation in Long-Term Adaptive Deep Brain Stimulation*, May **2011**. Advisor: **E. Micheli-Tzanakou**. Committee: M. Caggiano, Z. Gajic, V. Radisavljevic (California State University, Los Angeles).
Cerebrus Corporation, Morris Place, NJ
146. **Emir Elkholy**, *Novel Neurochip Design Implementation ALOPEX for Use in an Automated Deep Brain Simulation System for Parkinson's Patients*, May **2011**. Advisor: **E. Micheli-Tzanakou**. Committee: M. Caggiano, Z. Gajic, V. Radisavljevic (California State University, Los Angeles).
Cerebrus Corporation, Morris Place, NJ
147. **Ryan Integlia**, *Dispersion of a Silicon Based Micro- and Nano- Photonic Structure and Its Device Applications*, May **2011**. Advisor: **W. Jiangu**. Committee: M. Caggiano, Y. Lu, and W. Soboyejo (Princeton University).
Internet Infrastructure Services Corp., NJ
148. **Gautam Bhanage**, *Network Visualization on the Wireless Edge*, Oct. **2011**. Advisors: **D. Raychaudhuri and Y. Zhang**. Committee: W. Trappe, M. Gruteser, S. Rangarajan (NEC Labs, Princeton, NJ).
Aruba Networks, CA
149. **Ciprian Docan**, *Enabling Dynamic Interactions in Large Scale Applications and Scientific Workflows using Semantically Specialized Shared Data Spaces*, Oct. **2011**. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, Y. Zhang, G. Allen (Louisiana State University, Baton Rouge).

150. **Sushil Mittal**, *User-Independent Robust Statistics for Computer Vision*, Oct. 2011. Advisor: **P. Meer**. Committee: K. Dana, S. Orfanidis, A. Petropulu, and Y. Zheng (Siemens, Princeton, NJ).
Google, CA
151. **Jignesh S. Panchal**, *Inter-Operator Resource Sharing in 4G LTE Cellular Networks*, Oct. 2011. Advisor: **R. Yates**. Committee: D. Raychaudhuri, N. Mandayam, and M. Buddhikot (Alcatel-Lucent, Murray Hill, NJ).
Alcatel-Lucent, Murray Hill, NJ
152. **Sanjit Krishnan Kaul**, *Vehicle-to-Vehicle Messaging for Enhancing Road Safety*, Oct. 2011. Advisor: **M. Gruteser**. Committee: R. Yates, D. Raychaudhuri, and J. B. Kenney (Toyota, Mountain View, CA).
Associate Professor, IIIT Delhi
153. **Shengchao Yu**, *Robust Sentry-Based Schemes: Towards Long-Lived, Fault-Tolerant Wireless Sensor Networks*, Jan. 2012. Advisor: **Y. Zhang**. Committee: D. Raychaudhuri, W. Trappe, and Y. Chen (Stevens Institute of Technology).
FlexTrade Systems
154. **Rahul Radhakrishnan**, *A Monolithically Integrated Power JFET and Junction Barrier Schottky Diode in 4H Silicon Carbide*, Jan. 2012. Advisor: **J. Zhao**. Committee: W. Jiang, J. Jeon, and R. Woodin (Global Power Device Co., Irvine CA).
Texas Instruments
155. **Vamadevan Namboodiri**, *Low Complexity Iterative Receiver Design for OFDM Systems*, May 2012. Advisor: **P. Spasojevic**. Committee: D. Daut, S. Orfanidis, R. Yates, and Dr. Hong (Broadcom Wideband Communication Group, Irvine, CA).
Broadcom, Bangalore, India
156. **Ziqing Duan**, *Morphological Control of $Mg_xZn_{1-x}O$ Layers Grown by MOCVD for Photovoltaics*, May 2012. Advisor: **Y. Lu**. Committee: W. Jiang, J. Jeon, Lai, and F. Cosandey (Rutgers Materials Science and Engineering Department).
Member of Technical Staff, Applied Materials Inc. CA
157. **Pavel Ivanoff Reyes**, *Multifunctional Biosensors Using ZnO and Its Nanostructures*, May 2012. Advisor: **Y. Lu**. Committee: W. Jiang, J. Jeon, W. Lai, and N. Boustany (Rutgers Biomedical Engineering Department).
Research Associate, Rutgers University.
158. **Sangho Oh**, *Implicit Coordination Techniques for Wireless Communication*, May 2012. Advisor: **M. Gruteser**. Committee: D. Raychaudhuri, W. Trappe, and R. Martin (Computer Science, Rutgers).
AT&T Bell Labs
159. **Dan Zhang**, *On Dynamics of Random Network Coding*, Oct. 2012. Advisor: **N. Mandayam**. Committee: R. Yates, P. Spasojevic, and E. Soljanin (Alcatel-Lucent).
Qualcomm
160. **Yao Li**, *Content Networking with Packet Level Coding*, Oct. 2012. Advisor: **P. Spasojevic**. Committee: D. Raychaudhuri, R. Yates, and E. Soljanin (Alcatel-Lucent).
Akamai, was postdoctoral at UCLA
161. **Baozhi Chen**, *Inter-Glider Underwater Communication and Coordination for Ocean Monitoring and Coastal Tactical Surveillance*, Oct. 2012. Advisor: **D. Pompili**. Committee: M. Parashar, I. Marsic, and U. Kremer (Rutgers Computer Science Department)
Bloomberg
162. **Yupeng Liu**, *Multi-user Relaying Systems for Enhanced Performance and Secrecy*, Oct. 2012. Advisor: **A. Petropulu**. Committee: W. Bajwa, P. Spasojevic, W. Trappe, and H. Li (Stevens Institute of Technology).
Broadcomm

163. **Siddika Parlak**, *Object Detection and Activity Recognition in Time-Critical Dynamic Medical Setting Using RFID*, Jan. 2013. Advisor: I. Marsic. Committee: M. Parashar, D. Pompili, W. Bajwa, and L. Cheng (Lehigh University).
Qualcomm, CA
164. **Siddharth Madan**, *Computer Vision Methods for Large-scale Online Clustering and Quantitative Dermatology*, May, 2013. Advisor: K. Dana. Committee: P. Meer, I. Marsic, S. Orfanidis and G. Oana Cula (Johnson & Johnson).
Aware (Biometrics), Boston, MA
165. **Weiwei Song**, *Optical And Thermal Properties Of Periodic Photonic Structures On A Silicon-On-Insulator Platform*, May, 2013. Advisor: W. Jiang. Committee: J. Jeon, Y. Lu, W. Lai and G. Celler (Rutgers University).
Photonic IC, CA (bay area)
166. **Chieh-Jen Ku**, *Electrical Characteristics And Stability Of Novel $Mg_xZn_{1-x}O$ ($0 \leq x \leq 0.06$) Thin Film Transistors*, May, 2013. Advisor: Y. Lu. Committee: W. Jiang, J. Jeon, W. Lai and D. Birnie (Rutgers University).
Intel
167. **Goran Ivkovic**, *Localization of Packet Based Radio Transmitters in Space, Time and Frequency*, May, 2013. Advisor: P. Spasojevic. Committee: A. Petropulu, P. Meer and M. Doroslovacki (George Washington University).
iBiquity Digital Corporation, Member of Technical Staff
168. **Jun Tan**, *Novel Nanophotonic Structures and Devices for Communication and Lithography Applications*, Oct, 2013. Advisor: W. Jiang. Committee: Y. Lu, J. Jeon, W. Lai and M. Lu (Brookhaven National Laboratory).
Intel Corporation, Process TD Engineer
169. **Lei Lin**, *Design and Fabrication of 4H Silicon Carbide Gate Turn-off Thyristors*, Oct. 2013, Advisor: J. Zhao (administrated by Z. Gajic). Committee: J. Jeon, L. Feldman, W. Jiang and G. Celler (Rutgers University).
SandDisk, Senior Device Engineer, Milpitas, CA
170. **Tianming Li**, *Cognitive Radio Networks: Resource Allocation and Effect of End-User Behavior*, Oct. 2013. Advisor: N. Mandayam. Committee: D. Raychaudhuri, R. Yates, and C. Comaniciu (Stevens Institute of Technology).
Broadcom, NJ
171. **Narayanan Krishnan**, *Coverage and Capacity of Next Generation Cellular Radio Systems: Bandwidth Sharing and Massive MIMO*, Oct. 2013. Advisors: N. Mandayam and R. Yates. Committee: P. Spasojevic, W. Bajwa, and Dr. T. Marzetta (Bell Labs Alcatel-Lucent).
Qualcomm, Senior Engineer
172. **Rishabh Dudheria**, *Resilient Regulation of Wireless Communication in Distributed Systems*, Oct. 2013. Advisor: W. Trappe. Committee: D. Raychaudhuri, J. Lindqvist, and N. Minsky (Computer Science, Rutgers University).
Assistant Professor, ECE Department, NYIT, NYC
173. **Saket Anand**, *Robust Methods for Multiple Model Discovery in Structured and Unstructured Data*, Oct. 2013. Advisor: P. Meer. Committee: A. Petropulu, K. Dana, L. Rabiner, and Dr. M. Singh (Sarnoff Corporation, Princeton, NJ).
Ass. Professor, I.I.I.T. Delhi, India
174. **Bin Zan**, *Vehicular Sensing Networks: Efficiency, Security & Privacy*, Oct. 2013. Advisor: M. Gruteser. Committee: D. Raychaudhuri, Y. Zhang, and Dr. X. Ban (Rensselaer Polytechnic Institute).
Broadcom, CA
175. **Sedat Ozer**, *Activity Detection in Scientific Visualization*, Oct. 2013. Advisor: D. Silver. Committee: M. Parashar, S. Jha, and K-L. Ma (University of California Davis).
Senior Research Scientist, Computer Science & AI Lab, MIT.
176. **Bernhard Firner**, *Transmit Only for Dense Wireless Networks*, Jan. 2014. Advisor: Y. Zhang. Committee: R. Martin, J. Lindqvist, and Dr. G. Vannucci (Kaplan Breyer Schwartz & Ottesen LLP).
Research Scientist, NVIDIA, Holmdel, NJ

177. **Gang Liu**, *4H-Silicon Carbide MOSFET Interface Structure, Defect States and Inversion Layer Mobility*, Jan. 2014. Advisor: **L. Feldman**. Committee: Y. Lu, J. Jeon, and E. Garfunkel (Chemistry, Rutgers University).
Process Integration and Development Engineer, ON Semiconductor, Portland, OR.
178. **Gun-Hyung Park**, *Modeling and Control of Proton Exchange Membrane and Solid Oxide Fuel Cells and Solar Cells*, Jan. 2014. Advisor: **Z. Gajic**. Committee: D. Pompili, P. Spasojevic, J. Yi, and Dr. E. Shoubaki (Petra Solar Company, NJ).
Hyundai, Seoul, Korea, Senior Control Systems Engineer
179. **Hariharasudhan Viswanathan**, *Uncertainty-Aware Autonomic Resource Management in Mobile Computing Grids*, May 2014. Advisor: **D. Pompili**. Committee: M. Parashar, I. Marsic, Dr. H. Liu (Catholic University of America).
Zenefits, San Francisco, CA
180. **Akash Baid**, *Dynamic Spectrum Management Architecture and Algorithms for the Future Mobile Internet*, May 2014. Advisor: **D. Raychaudhuri**. Committee: R. Yates, W. Trappe, and J. Rexford (Princeton University).
Terrano Wireless, CA
181. **Tingting Sun**, *Enhancing Network Functionalities for Emerging Mobile Networks Through Learning*, May 2014. Advisors: **Y. Zhang** and **W. Trappe**. Committee: Y. Chen (Stevens Institute of Technology).
Broadcom. Inc., NJ
182. **Maja Skataric**, *Scale Invariance in Biological Systems*, Oct. 2014. Advisor: **E. Sontag**. Committee: S. Orfanidis, Z. Gajic, D. Daut, and M. Baykal-Gursoy (Rutgers, Industrial and Systems Engineering).
Senior Principal Scientist, Novartis Pharmaceuticals, NJ.
183. **Muhammad Nazmul Islam**, *Noncontiguous Spectrum Access and Small Cell Network Design*, Oct. 2014. Advisor: **N. Mandayam**. Committee: R. Yates, D. Raychaudhuri, S. Kompella (US Naval Research Laboratory).
Qualcomm, Bridgewater, NJ, Senior Research Engineer
184. **Aswin Ashok**, *Design, Modeling, and Analysis of Visual MIMO Communication*, Oct. 2014. Advisors: **M. Gruteser** and **N. Mandayam**. Committee: K. Dana and T. D. Little (Boston University).
Assistant Professor Georgia State University
185. **Yang Zhang**, *Zinc Oxide-based Resistive Switching Devices*, Oct. 2014. Advisor **Y. Lu**. Committee: J. Jeon, W. Lai, and D. Birnie (Rutgers, Material Science and Engineering).
Global Founders, Senior Engineer
186. **Chenren Xu**, *Learning Human Context through Unobstrusive Methods*, Oct. 2014. Advisor: **Y. Zhang**. Committee: W. Trappe, R. Martin, and Y. Chen (Stevens Institute of Technology).
Assistant Professor, Peking University starting in 2016/17.
187. **Wenjia Yuan**, *Computational Photography Methods for Visual MIMO*, Jan. 2015. Advisor: **K. Dana**. Committee: M. Gruteser, N. Mandayam, Y. Zhang, and A. Elgammal (Rutgers, Computer Science).
Google, Software Engineer
188. **Eun Kyung Lee**, *Proactive Thermal-aware Management in Cloud Datacenters*, Jan. 2015. Advisor: **D. Pompili**. Committee: . Parashar, I. Rodero, and R. Figueiredo (University of Florida).
IBM, NY, postdoctoral
189. **Rajesh Kappera**, *Electronic Properties and Phase Engineering of Two Dimensional MOS₂*, Jan. 2015. Advisor: **M. Chhowalla**. Committee: Y. Lu, M. Caggiano, A. Mohite (Los Alamos National Laboratory).
Applied Materials, Santa Clara, CA, Solar Cell Process Engineer
190. **Fan Zhang**, *Programming and Run Time Support for Enabling Data-Intensive Coupled Scientific Simulation Workflows*, May 2015. Advisor: **M. Parashar**. Committee: D. Silver. I. Marsic, I. Rodero, S. Klasky (Oak Ridge National Laboratory).
Two Sigma Investments, New York, NY, Software Engineer.
191. **Zhuo Chen**, *60 GHz MAC and Network Design*, Jan. 2016. Advisor: **R. Yates**. Committee: D. Raychaudhuri, J. Lindqvist, D. Reininger (Semandex Networks, Inc.).
Interdigital, BlueBell, PA

192. **Qiaojun Wang**, *Kernel Learning and Applications in Wireless Localization*, Jan. 2016. Advisor: **I. Marsic**. Committee: W. Bajwa, D. Pompili, and K. Zhang (NEC Labs America).
Software Engineer, Facebook, New York.
193. **Tong Jin**, *Automatic Data Management for Extreme Scale Coupled Scientific Workflows*, Jan. 2016. Advisor: **M. Parashar**. Committee: D. Silver, I. Rodero, and H. Yu (University of Nebraska-Lincoln).
Software Development Engineer, Amazon Web Services, Seattle, WA
194. **Shunqiao Sun**, *MIMO Radars with Sparse Sensing*, Jan. 2016. Advisor: **A. Petropulu**. Committee: W. Bajwa, W. Trappe, and M. Katehakis (Rutgers University, Department of Management Science & Information Systems).
Assistant Professor, University of Alabama
195. **John McGarvey**, *Reduced Order Modeling, Time Scale Analysis, and Simulation of Power Electronic Systems*, May 2016. Advisor: **Z. Gajic**. Committee: M. Caggiano, L. Najafizadeh, and P. Rezas (Rutgers University, ECE).
Teaching Assistant Professor, Rutgers University
196. **Xiruo Liu**, *Integrating Security and Privacy Protection into a Mobility-Centric Internet Architecture*, May. 2016. Advisor: **W. Trappe**. Committee: D. Raychaudhuri, R. Martin, and R. Miller (Applied Communication Sciences).
Research Scientist, Intel, Portland, OR
197. **Hajar Mahdavi-Doost**, *Energy Aware Reliable Communication*, May. 2016. Advisor: **R. Yates**. Committee: P. Spasojevic, N. Mandayam, E. Soljanin, P. Spasojevic, and N. Prasad (NEC Labs America).
Postdoctoral, Sharif University, Iran
198. **Shweta Sagari**, *Models and Algorithms for Spectrum Coexistence in Wireless Networks*, May. 2016. Advisors: **W. Trappe**. Committee: D. Raychaudhuri, L. Greenstein, and M. Buddhikot (DMTS, Nokia Bell Labs).
Principal Engineer (sensor fusion), Totemic, San Francisco
199. **Kai Su**, *Algorithms and Protocols for Efficient Multicast, Transport, and Congestion Control in Wireless Networks*, Oct. 2016. Advisors: **D. Raychaudhuri and N. Mandayam**. Committee: R. Yates, K. Ramakrishnan (University of California Riverside).
Zenefits, CA
200. **Yulong Yang**, *Usable Security: Human Factors in Mobile Authentication*, Oct. 2016. Advisor: **J. Lindqvist**. Committee: R. Martin, W. Trappe, R. Miller (Navesiuk Research Center, Red Bank, NJ).
Foursquare
201. **Yao Ge**, *Wavelet-Based Software-Defined Radio Receiver Design*, Oct. 2016. Advisor: **D. Daut** (administrated by Z. Gajic). Committee: Z. Gajic, S. Jha, I. Marsic, and C. Vaz (National Institute of Standards and Technology)
Program Coordinator, Rutgers Global, Rutgers University
202. **Bo Li**, *Topics in MIMO Radars: Sparse Sensing and Spectrum Sharing*, Oct. 2016. Advisor: **A. Petropulu**. Committee: W. Bajwa, V. Patel, and H. Li (ECE, Stevens Institute of Technology).
Qualcomm
203. **Feixiong Zhang**, *Mobile Content Delivery in Information-Centric Networks*, Oct. 2016. Advisor: **Y. Zhang**. Committee: D. Raychaudhuri, R. Martin, and K.K. Ramakrishnan (UC Riverside).
Research Scientist, Facebook, San Francisco
204. **Francesco Bronzino**, *Named-Object Based Services in the Future Internet Architecture*, Jan 2017. Advisor: **Raychaudhuri**. Committee: M. Gruteser, W Trappe, and T. V. Lakshman ()
Research Scientist, Nokia Bell Labs, Paris, France.
205. **Rui Li**, *Voltage-Controlled Tunable Surface Acoustic Wave Devices Using Multifunctional MGZNO/ZNOS structures*, Jan. 2017. Advisor: **Y. Lu**. Committee: M. Javanmard, J. Jeon, and D. Birnie (Rutgers University).
Applied Materials, Sunny Valley, CA
206. **Marc Gamell Balmana**, *Application-Aware On-Line Failure Recovery For Extreme-Scale HPC Environments*, May 2017. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, and K. Teranishi (Sandia National Laboratory)
INTEL, TX

207. **Wen-Chiang Hong**, *Magnesium Zinc Oxide High Voltage Thin Film Transistors*, May 2017. Advisor: **Y. Lu**. Committee: M. Javanmard, J. Jeon, and M. Lu (Brookhaven National Laboratory).
INTEL, OR
208. **Kliti Kodra**, *New Control Methods for Multi-Time-Scale Linear Systems with Smart Grid Applications*, May 2017. Advisor **Z. Gajic**. Committee: H. Godrich, D. Pompili, J. Yi, and N. Zhong (Shandong University, China).
Scientist, Applied Physics Laboratory, John Hopkins university, Baltimore, MD
209. **Heon Jong Yoo**, *New Methods for Design of Full- and Reduced-Order Observers and Observer-Based Controllers for Systems with Slow and Fast Modes*, May 2017. Advisor: **Z. Gajic**. Committee: Q. Zou, H. Baruh, J. Yi, and A. Borno (AT&T Bell Labs).
Senior Researcher, Advanced Manufacturing Research Center (AMRC) Korea
210. **Sumati Sehajpal**, *Design and Analysis of Class E RF Power Amplifiers*, May 2017. Advisor: **Z. Gajic**. Committee: S. Orfanidis, M. Caggiano, Q. Zou, and J. McGarvey (Rutgers University).
Assistant Teaching Professor Rutgers University
211. **Gorkem Kar**, *Enhancing Vehicle Data Availability and Privacy for Connected Cars*, May 2017. Advisor: **M. Gruteser**. Committee: R. Martin, W. Trappe, Y. Zhang, and F. Bai (ECS Lab, General Motors Research).
Assistant Professor, Yeditepe University, Turkey
212. **Tong Wu**, *Learning the Nonlinear Geometric Structure of High-Dimensional Data: Models, Algorithms, and Applications*, May 2017. Advisor: **W. Bajwa**. Committee: L. Najafizadeh, V. Patel, and R. Rao (US Army Research Laboratory).
Fact Set Research System, NY
213. **Yanbiao Pan**, *Organic Micromechanical Relay Technology for Ultralow-Power Flexible Transparent Large-Area Electronics*, May 2017. Advisor: **J. Jeon**. Committee: L. Feldman, Y. Lu, and M. Lu (Brookhaven National Laboratory) Texas Instruments, Dallas.
214. **Moustafa Abdelbaky**, *Programming and Managing Distributed Software-Defined Environments*, May 2017. Advisor: **M. Parashar**. Committee: I. Marsic, D. Silver, and K. Jordan (IBM T. J. Watson Research Center).
Postdoctoral Berkeley University
215. **Dionysios Kalogieris**, *Spatially Controlled Relay Beamforming in the Physical Layer*, May 2017. Advisor: **A. Petropulu**. Committee: N. Mandayam, A. Sarwate, and M. Katehakis (Rutgers University, Business School)
Assistant Professor, Michigan State University
216. **Huiqing Fu**, *Improving Smartphone Permission Access Disclosures*, Oct. 2017. Advisor: **J. Lindqvist**. Committee: W. Trappe, Y. Zhang, and B. Firner (NVIDIA).
Software Engineer, Tableau Software, Seattle, WA.
217. **Ying Liu**, *Robustness in Ad Hoc Networks*, Oct 2017. Advisor: **W. Trappe**. Committee: J. Lindqvist, Y. Zhang, and A. O. Kaya (Nokia Bell Labs).
Research Associate, Brookhaven National Laboratory
218. **Musaab Alaziz**, *A Load-Cell Based In-Bed Body Motion Detection and Classification System*, Oct. 2017. Advisor: **Y. Zhang**. Committee: W. Trappe, R. Martin, R. Howard (WINLAB)
Assistant Professor, University of Basra, Iraq
219. **Shubham Jain**, *Design of Inertial and Camera Sensing Support for Smart Intersections*, Oct. 2017. Advisor: **M. Gruteser**. Committee: K. Dana, R. Martin, V. Bahl (Microsoft Research).
Assistant Professor Computer Science, Old Dominion University.
220. **Yi Huang**, *Wireless Electrical Stimulators for Nanofibers with Application in Next Generation Muscle Prosthesis*, Oct. 2017. Advisor: **L. Najafizadeh**. Committee: Z. Gajic, Y. Lu, J. Jeon, J. Freeman (Biomedical Engineering, Rutgers).
Intersil Corporation, Bridgewater, NJ

221. **Siamak Abbaslou**, *Integrated Nanophotonic Structures for Mode Conversion, Mode Coupling and Mode Filtering*, Oct. 2017. Advisor: **W. Jiang**. Committee: Y. Lu, J. Jeon, L. Feldman, G. Celler (Material Science and Engineering, Rutgers).
Photonics Design Engineer, IPG Photonics, Piscataway, NJ
222. **Young Ho Lee**, *Sensing Platform and Object Motion Detection Based on Passive UHF RFID Tags Using a Hidden Markov Model-Based Classifier*, Oct. 2017. Advisor: **I. Marsic**. Committee: Z. Gajic, P. Spasojevic, R. Kwadzogah (Dialight Corporation).
Dailight, Corporation, Farmingdale, NJ
223. **Parneet Kaur**, *Computational Appearance Models for Quantitative Dermatology*, Oct. 2017. Advisor: **K. Dana**. Committee: E. Soljanin, S. Zonouz, G. Oana Cula (Johnson & Johnson), M. Isnardi (SRI International).
Johnson & Johnson, Boston
224. **Amit Patel**, *New Wiener System Based Modeling and Signal Processing Method for Characterization of Vascular Function*, Oct. 2017. Advisor: **J. Li** (Biomedical Engineering). Committee: Z. Gajic, G. Shoane, G. Drzewiecki (Biomedical Engineering, Rutgers).
UTC Aerospace, Princeton, NJ
225. **Mehrnaz Tavan**, *Design and Implementation of Real-Time Cloud-Assisted Systems*, Oct. 2017. Advisors: **D. Raychaudhuri** and **R. Yates**. Committee: W. Bajwa, P. Spasojevic, D. Reininger (Semandex Networks, Inc.).
Ebay, Data Scientist, Seattle
226. **Hang Zhang**, *Reflectance and Texture Encoding for Material Recognition*, Oct. 2017. Advisor: **K. Dana**. Committee: V. Patel, Y. Zhang, K. Nishino (Drexel University), U. Muller (NVIDIA).
Amazon, Polo Alto, CA
227. **Cagdas Karatas**, *Safe Driving with Mobile Devices and Wearables*, Jan. 2018. Advisor: **M. Gruteser**. Committee: Y. Chen, R. Howard, and Y. Wang (Binghamton University).
Microsoft
228. **Ratnesh Kumbhakar**, *Opportunistic Access of Noncontiguous Spectrum*, Jan. 2018. Advisor: **N. Mandayam**. Committee: D. Raychaudhuri, R. Yates, and S. Kompella (Naval Research Labs)
Marvel Semiconductors, Santa Clara, CA
229. **Mohammad-Parsa Hosseini**, *Brain Computer Interface for Analyzing Epileptic Big Data*, May 2018. Advisor (Administrator): **Z. Gajic**. Committee: S. Orfanidis, I. Marsic, K. Elisevich (Michigan State University), and H. Soltanian-Zadeh (Henry Ford Health System).
Tesla, Data Scientist, CA
230. **Xinyu Li**, *Process Progress Estimation and Activity Recognition*, May 2018. Advisor: **I. Marsic**. Committee: D. Pompili, V. Patel, and D. Zhang (Rutgers University, Computer Science Department).
Amazon Seattle.
231. **Abolfazl Hajisami**, *Dynamic Resource Allocation for High Spectral and Energy Efficiency in Cloud Access Networks*, May. 2018. Advisor: **D. Pompili**. Committee: S. Orfanidis, Z. Gajic, and Mazoomzadeh-Fard (Nokia/Alcatel-Lucent).
General Motors, MI
232. **Tuyen Tran**, *Collaborative Communications, Caching, and Computing for Cloud-Assisted 5G Wireless Networks*, May 2018. Advisor: **D. Pompili**. Committee: E. Soljanin, Z. Gajic, and G. Yue (Huawei Technologies).
Intel
233. **Gabriel Salles-Loustau**, *Data Protection via Virtual Micro Security Perimeters*, May 2018. Advisor: **S. Zonouz**. Committee: M. Gruteser, D. Pompili, J. Lindqvist, K. Joshi (AT&T Shannon Labs).
Research Scientist, Rutgers University
234. **Ahmed Al-Abdel Abass**, *Evolutionary Games: Applications to Security and Resource Allocation in Networks*, October 2018. Advisors: **N. Mandayam** and **Z. Gajic**. Committee: W. Trappe, M. Melike Baykal Gursoy (Rutgers University, Industrial and Systems Engineering Department).
Assistant Professor University of Thi-Qar, Iraq

235. **Luis Garcia**, *Physics for the Sake of Security, Security for the Sake of Physics*, October 2018. Advisor: **S. Zonouz**. Committee: N. Mandayam, A. Petropulu, Raheem A. Beyah (Georgia State University).
Postdoctoral, UCLA
236. **Seyed Mohammad Hajimirsadeghi**, *Game Theoretic Approaches for Design of Information Centric Networks and Spectrum Sharing*, October 2018. Advisor: **N. Mandayam**. Committee: Z. Gajic, R. Yates, Rasoul Etesami (UIUC).
Postdoctoral, Princeton University
237. **Sugang Li**, *Future IoT Network Architecture and Applications in Mobile Sensing*, October 2018. Advisors: **Y. Zhang and D. Raychaudhuri**. Committee: J. Lindqvist, R. Howard (WINLAB).
F5 Networks
238. **Xianyi Gao**, *Location Privacy: Tracking Driving Routes Using Speed Data*, October 2018. Advisor: **J. Lindqvist**. Committee: R. Yates, S. Zonouz, R. Howard (WINLAB).
Machine Learning Engineer, Foursquare, New York
239. **Li Zhu**, *Computational Methods for Predicting Behavior from Neuroimaging Data*, October 2018. Advisor: **L. Najafizadeh**. Committee: K. Dana, S. Zonouz, J. Margolis (Rutgers University, Department of Cell Biology and Neuroscience).
Alaya Tech, CA
240. **Namrata Bansal**, *Epitaxial Growth of Topological Materials*. Jan. 2019. Advisor: **S. Oh**. Committee: S. McAfee, A-W. Cheong, and Weida Wu (Physics and Astronomy, Rutgers University).
241. **Ghassan Bati**, *Phenotypic Modeling of human Behaviors and Propensities*. Jan. 2019. Advisor: **V. Singh**. Committee: Z. Gajic, I. Marsic, and P. Atrey (CS Department, SUNY Albany).
Assistant Professor, Umm Al-Qura, University, Saudi Arabia
242. **Bin Cheng**, Jan. 2019. *Robust Communication in Large and Heterogeneous Vehicle-to-Vehicle Networks*, Advisor: **M. Gruteser**. Committee: D. Raychaudhuri, R. Yates, and J. Kenny (USA Toyota).
Visiting Scholar, NYU
243. **Azam Gholizadeh**, *Minaturized Electronic Sensors and Actuators for Healthcare and Environmental Monitoring*. Jan. 2019. Advisor: **M. Javanmard**. Committee: Y. Lu, L. Feldman, M. Chhowalla, and L. Fabris (MSE Department, Rutgers).
Postdoctoral, Virginia Tech (VPI)
244. **Zhenhua Jia**, *Unobstructive Vital Sign Detection through Ambient Physical Vibrations*. Jan. 2019. Advisor: **Y. Zhang**. Committee: J. Lindqvist, R. Martin, and R. Howard (WINLAB).
NVIDIA
245. **Li Liu**, *Creating Overview Visualizations for Complex Data Understanding*, Jan. 2019. Advisor: **D. Silver**. Committee: M. Parashar, M. Mammone, I. Rodero, M. Chen (Pembroke College, Oxford University), K. Bemis (Marine Science, Rutgers University).
Assistant Professor, Soochow University, China
246. **Shreyasee Mukherje**, *Network Protocols for the Mobility-Centric Future Internet*, Jan. 2019. Advisor: **D. Raychaudhuri**. Committee: N. Narayam, D. Yates, and Ravindran (Huawei).
Software Engineer, Google, Mountain View, CA
247. **Sen Yang**, *Applied Process Mining, Recommendation, and Visual Analytics*. Jan. 2019. Advisor: **I. Marsic**. Committee: A. Sarwate, Y. Chen, and Hui Xiong (Business School, Rutgers University).
Machine Learning Engineer, LinkedIn AI, Sunnyvale, CA
248. **He Zhang**, *Learning-Based Methods for Single Image Restoration and Translation*. Jan. 2019. Advisor: **V. Patel**. Committee: P. Meer, K. Dana, L. Najafizadeh, and S. Kevin Zhou (Chinese Academy of Sciences).
Apple, Sunnyvale, CA
249. **Eric Wengorski**, *Methods for Photographic Steganography and Radar Object Shape Inference*, May 2019. Advisor: **K. Dana**. Committee: P. Meer, and V. Patel, Anthony Hoogs (Kitware Inc.).
Postdoctoral NYU

250. **Tuan Le**, *Security Through Physical Dynamics in Medical and Manufacturing Platforms*, May 2019. Advisor: **S. Zonouz** and **M. Javanmard**. Committee: J. Lindqvist, and Raheem Beyah (ECE Georgia Tech).
Postdoctoral Rutgers University
251. **Shaogang Wang**, *Multidimensional Radar Signal Processing Based on Sparse Fourier Transforms*, May 2019. Advisors: **A. Petropulu** and **V. Patel**. Committee: W. Bajwa, L. Najafizadeh, and D. Zhang (Temple University).
Automotive Radar for Autonomous Vehicles Engineer, Aurora
252. **Ahmed Al Hilli**, *Compressed Sensing: Weighted Approach to Compressed Sensing with Applications to EEG Source Localization and MIMO Radar DOA Estimation*. May 2019. Advisors: **L. Najafizadeh** and **A. Petropulu**. Committee: E. Soljanin, and F. Ahmed (Temple University).
Assistant Professor, Technical College of Najaf, Iraq
253. **Parul Pandey**, *Accuracy- and Resource-Aware Framework for Resource-Constrained Mobile Computing*, May 2019. Advisor: **D. Pompili**. Committee: I. Marsic, M. Parashar, and Roberto Tron (Boston University).
Intel Corporation
254. **Pengfei Sun**, *Exploring Semantic Reverse Engineering for Software Binary Protection*, May 2019. Advisor: **S. Zonouz**. Committee: I. Marsic, S. Wei, and Pravan Murthy (Fujitsu Labs of America).
Shape Security
255. **Talal Ahmed**, *Some Methods for Statistical Inference using High-dimensional Linear Models*. October 2019. Advisor: **W. Bajwa**. Committee: Soljanin, Spasojevic, Dr. Pierre Bellec (Rutgers University)
Research Scientist, Tempus Labs, New York
256. **Vivekan Balasubranian**, *A Programming Method and Execution System for Adaptive Ensemble Applications on High Performance Computing Systems*. October 2019. Advisors: **S. Jha** and **M. Turilli**. Committee: Ortiz, Zonouz, Javanmard, and Darrin York (Rutgers University).
Amazon, Seattle
257. **Robert Gatdula**, *Mitigation of Loss, Crosstalk, and Resonance-Shift in Silicon Photonic Integrated Circuits*. October 2019. Advisor: **W. Jiang**. Committee: Caggiano, Gajic, Lu, and Ming Lu (Brookhaven National Laboratory).
R&D Engineer, PsiQ, San Francisco Bay Area
258. **Parishad Karimi**, *Algorithms and Protocols for Enhancement of Spectrum Utilization in Future Mobile Networks*. October 2019. Advisor: **D. Raychaudhuri**. Committee: Yates, Trappe, and Milind Buddhikot (Nokia Bell Labs).
Qualcomm, San Diego, CA
259. **Jian Liu**, *Towards Smart and Secure IoT with Pervasive Sensing*. October 2019. Advisor: **Y. Chen**. Committee: Raychaudhuri, Wei, and Yu-Dong Yao (Stevens Institute of Technology).
Assistant Professor, University of Tennessee, Knoxville
260. **Luyang Liu**, *Enabling High Quality Mobile Immersive Computing through Edge Support*. October 2019. Advisor: **M. Gruteser**. Committee: Raychaudhuri, Chen, and Yunxin Liu (Microsoft Research Asia).
Software Engineer, Google, Seattle
261. **Viet Nguyen**, *Communication and Sensing Techniques for Smart, Seamless Human-environment Interactions*. October 2019. Advisor: **M. Gruteser**. Committee: Chen, Trappe, Howard, and Tam N. Vu (University of Colorado Boulder).
Senior Research Engineer, Samsung, Texas
262. **Haroon Raja**, *Distributed Methods for Some Nonconvex Representation Problems*. October 2019. Advisor: **W. Bajwa**. Committee: Sarwate, Yates, Gurbuzbalaban, and Michael Wakin (Colorado School of Mines).
Research Fellow, University of Michigan
263. **Jian Ren**, October 2019. *Computer Aided Analysis of Prostate Histopathology Images*. Advisor: **D. Foran**. Committee: Parashar, Hacihaililoglu, and Eric Singer (Rutgers Cancer Institute of New Jersey).
Research Scientist, Snap Inc., Santa Monica, CA

264. **Sakshi Sardar**, *Novel Approaches to Achieve Quantification and Increase Accuracy in SERS Sensing*. October 2019. Advisor: **M. Javanmard** and **L. Fabris**. Committee: Chhowalla, Wu, and Fabris (MSE, Rutgers University).
Quantitative Medicine Scientist, Critical Path Institute
265. **Zahra Shakeri**, *Dictionary Learning and Multidimensional Processing for Tensor Data*. October 2019. Advisor: **W. Bajwa**. Committee: Sarwate, Petropulu, and Brian Erickson (Adobe).
AI Scientist, Electronic Arts, Redwood City, CA
266. **Chen Wang**, *Threats and Opportunities of Mobile Sensing Technology in Personal Privacy and Public Security*. October 2019. Advisor: **Y. Chen**. Committee: Yates, Wei, and Hong Man (Stevens Institute of Technology).
Assistant Professor, Louisiana State University
267. **Jing Zhong**, *Age Information of Real-time Network Applications*. October 2019. Advisors: **E. Soljanin** and **D. Yates**. Committee: El Rouayheb, Spasojevic, and Bo Ji (Temple University).
Facebook, CA
268. **Neelakantan Nurani Krishnan**, *Pushing the Envelope of Wi-Fi Networks Using Distributed Multi-User MIMO*. January 2020. Advisor: **N. Mandayam**. Committee: Raychaudhuri, Soljanin, and Eric Torkildson (Google).
Senior Engineer, Qualcomm, San Jose, CA
269. **Jia Xue**, *Reflectance and Angular Luminance for Material Recognition and Segmentation*. January 2020. Advisor: **K. Dana**. Committee: El Rouayheb, Ortiz and Szymon Rusinkiewicz (Princeton University).
Computer Vision Engineer, Apple
270. **Sriharsha Etigowni**, *Securing Safety-Critical Systems Using Physical and Control Invariants*. January 2020. Advisor: **S. Zonouz**. Committee: Pompili, Godrich and Raheem A. Beyah (Georgia State University).
Postdoctoral, Purdue University
271. **Hafiz Imtiaz**, *Decentralized Differentially Private Algorithm for Matrix and Tensor Factorization*. January 2020. Advisor: **A. Sarwate**. Committee: Dana, Soljanin, Yates, and Vince Calhoun (Georgia State University).
Applied Scientist, Amazon
272. **Yavuz Orhan Yaman**, *Intra-Cluster Channel Modeling and Cross-Layer Beamforming Efficiency of Mm-Wave Communications*. January 2020. Advisor: **P. Spasojevic**. Committee: Orfanidis, Wu, and Fikadu Dagefu (US Army Research Lab).
Senior System Engineer, Qualcomm
273. **Rawad Bitar**, *Codes for Private Distributed Computation with Applications to Machine Learning*. January 2020. Advisor: **S. El Rouayheb**. Committee: Soljanin, Spasojevic, Yates, and Antonia Wachter-Zeh (Technical University of Munich).
Postdoctoral, Technical University Munich, Germany
274. **Zhixiong Yang**, *Byzantine-resilient Decentralized Learning*. January 2020. Advisor: **W. Bajwa**. Committee: Gurbuzbalaban, Yuan, and Jingjin Yu (Dept. of Computer Science, RU).
Machine learning systems engineer, Blue Danube Systems
275. **Can Liu**, *Security Analysis of Gesture Passwords*. January 2020. Advisor: **J. Lindqvist**. Committee: Trappe, Howard, and Bernhard Firner (NVIDIA).
Machine Learning Systems Engineer, Blue Danube Systems, New Providence, NJ
276. **Ali Rostami**, *Context-Aware Congestion Control for Pedestrian Safety Communication*. January 2020. Advisor: **M. Gruteser**. Committee: Yates, Martin, and John B. Kenney (Toyota InfoTech Labs).
Perception Engineer, Totemic, Mountain View, CA
277. **Mehmet Atkas**, *Performance Evaluation of Redundancy Techniques for Distributed Storage and Computing Systems*. May 2020. Advisor **E. Soljanin**. Committee: Spasojevic, Yates, and Gala Yadar (Technion, Israel Institute of Technology).
Mathworks
278. **Tashina Sanam**, *A Channel State Information Based Device Free Indoor Localization for Context Aware Computing: A Machine Learning Approach*. May 2020. Advisor: **H. Godrich**. Committee: Soljanin, Chen, and A. Haimovich (NJIT).
Data and Applied Scientist, Microsoft, Redwood, WA

279. **Xiaoran Fan**, *Energy Focusing Through Distributed Beamforming in Internet of Things: Mechanisms and Applications*. May 2020. Advisor: **D. Raychaudhuri**. Committee: Zhang, Howard, Trappe, and L. Shangguan (Microsoft Cloud & AI). Postdoctoral Yale University
280. **Muhammad Asad Lodhi**, *Structure in Modern Data and How to Exploit It: Some Signal Processing Applications*. May 2020. Advisor: **W. Bajwa**. Committee: Dana, Petropulu, Zhang, and Petros Boufounos (Mitsubishi Research Labs). Staff Engineer, InterDigital Inc., New York
281. **Yue Gu**, *Speech-based Affective Computing Using Attention with Multimodal Fusion*. May 2020. Advisor: **I. Marsic**. Committee: Sarwate, Wei, and Yongfeng Zhang (Dept. of Computer Science, RU). Amazon AI, Seattle WA
282. **Sumit Maheshwari**, *Mobile Edge Cloud Architecture for Future Low-latency Applications*. May 2020. Advisor: **D. Raychaudhuri**. Committee: Yates, Soljanin, and N.K. Shankaranarayanan (AT&T Labs). Senior Software Engineer, Microsoft, Acton, MA
283. **Mehdi Rahmati**, *Reliable Underwater Acoustic Video Transmission Towards Human-Robot Dynamic Interaction*. June 2020. Advisor: **D. Pompili**. Committee: Jingang Yi, Jorge Ortiz, and Payman Arabshahi (U. of Washington) Tenure-track Assistant Professor, Cleveland State University
284. **Vidyasagar Sadhu**, *Real-Time Autonomic Decision Making Under Uncertain Environments For UAV-Based Search-And-Rescue Missions*. July 2020. Advisor: **D. Pompili**. Committee: Saman Zonouz, Bo Yuan, and Roberto Tron (Boston University) Research Scientist, Stanford Research Institute (SRI)
285. **Zhongtian Lin**, *Rapid Label-free Electronic Detection of Biomarker Using Miniaturized Microfluidics System*. July 2020. Advisor: **Mehdi Javanmard**. Committee: Chung-Tse Michael Wu, Laleh Najafizadeh, and Kaushik Sengupta (Princeton University). Rizlab Health, Princeton, NJ
286. **Pengfei Xie**, *Label-free Electronic Detection and Quantification of Biomarkers Using Nanowell Impedance Sensor*. July 2020. Advisor: **Mehdi Javanmard**. Committee: Umer Hassan, Chung-Tse Michael Wu, and Mark G. Allen (University of Pennsylvania). postdoc, Rutgers University New Brunswick, NJ
287. **Siyu Liao**. *Structured Deep Neural Network with Low Complexity*. September 2020. Advisor: **D. Bo Yuan**. Committee: Yingying Chen, Shen Wei and Jingjin Yu (Department of Computer Science, Rutgers). Amazon
288. **Swapnil Mhaske**, *On the Efficiency of Retransmission Schemes for the Open Area Mm-wave Device-to-Device Environment*. September 2020. Advisor: **D. Predrag Spasojevic**. Committee: Emina Soljanin, Bo Yuan, and Ahsan Aziz (Facebook Inc). National Instruments
289. **Serge Kas Hanna**, *Guess & Check Codes for Deletions, Insertions, and Synchronization*. September 2020. Advisor: **Salim El Rouayheb**. Committee: Emina Soljanin, Roy Yates, and Antonia Wachter-Zeh (Technical University of Munich). postdoc, Technical University of Munich
290. **Ali Essam Hameed Haddad**, *Computational Methods for Probing the Spatio-Temporo-Rhythmic Characteristics of the Task-Associated Brain Functional Networks via Electroencephalography*. September 2020. Advisor: **Laleh Najafizadeh**. Committee: Zoran Gajic, Athina Petropulu, and Michael Cole (Center for Molecular & Behavioral Neuroscience, Rutgers). Assistant Professor, the Computer Engineering Department, University of Basrah
291. **Mohsen Ghassemi**, *JP Morgan Research*. November 2020. Advisor: **Anand Sarwate**. Committee: Waheed Bajwa, Mert Gurbuzbalaban, and Cunhui Zhang (Statistics Dept., Rutgers). JP Morgan Research

292. **Intessar Al-Iedani**, *Model Order Reduction and Optimal Control of Wind Energy Conversion Systems*. **November 2020**. Advisor: **Zoran Gajic**. Committee: Hana Godirch, Jingang Yi, John McGarvey, and Muhidin Lelic and (Quanta Technology, Raleigh, NC).
Assistant Professor, Department of Electrical Engineering at University of Basrah
293. **Jianye Sui**, *Multi-frequency impedance cytometry for biomolecular sensing and cell analysis*. **December 2020**. Advisor: **Mehdi Javanmard**. Committee: Umer Hassan, Chung-Tse Michael Wu and Curt Scharfe (Department of Genetics, Yale School of Medicine).
Rizlab Health, Princeton, NJ
294. **Konstantinos Nikolakakis**, *Learning Tree-Structured Models from Noisy Data*. **February 2021**. Advisor: **Anand Sarwate**. Committee: Salim El Rouayheb, Emina Soljani, Roy Yates, and Dionysios Kalogerias, (Michigan State University).
Postdoc, Michigan State University
295. **Mehmet Atkas**, *Learning Tree-Structured Models from Noisy Data*. **February 2021**. Advisor: **Anand Sarwate**. Committee: Salim El Rouayheb, Emina Soljani, Roy Yates, and Dionysios Kalogerias, (Michigan State University).
Assistant professor, Bilkent University

4. Rutgers ECE Doctoral Graduates 2001-2021 who hold Faculty Positions

1. **Mehdi Rahmati**, RU 2020, Assistant Professor, Cleveland State University. Advisor: **Dario Pompili**.
2. **Mehmet Aktas**, RU 2021, Assistant Professor, Bilkent University. Advisor: **Emina Soljanin**.
3. **Ali Essam Hameed Haddad**, RU 2020, Assistant Professor, University of Basrah. Advisor: **L. Najafizadeh**.
4. **Intessar Al-Iedani**, RU 2020, Assistant Professor, University of Basrah. Advisor: **Zoran Gajic**.
5. **Chen WANG**, RU 2019, Assistant Professor, Louisiana State University. Advisor: **Y. Chen**.
6. **Jian LIU**, RU 2019, Assistant Professor, University of Tennessee, Knoxville. Advisor: **Y. Chen**.
7. **Ahmed AL HILLI**, RU 2019, *Assistant Professor, College of Najaf, Iraq*. Advisors: **L. Najafizadeh and A. Petropulu**.
8. **Li LIU**, RU 2019, Assistant Professor, Soochow University, China. Advisor **D. Silver**.
9. **Ghassan BATI**, RU 2019, Assistant Professor, Umm Al-Qura, University, Saudi Arabia. Advisor **V. Singh**.
10. **Ahmed AL-ABDEL**, RU 2018, Assistant Professor, University of Thi-Qar, Iraq. Advisors **N. Mandayam and Z. Gajic**.
11. **Sumati SEHAJPAL**, RU 2017, Assistant Teaching Professor, Rutgers University. Advisor: **Z. Gajic**.
12. **Musaab ALAZIZ**, RU 2017, Assistant Professor, University of Basra, Iraq . Advisor: **Y. Zhang**.
13. **Gorkem CAR**, RU 2017, Assistant Professor, Yeditepe University, Turkey. Advisor **M. Gruteser**.
14. **Shubham JAIN**, RU 2017, Assistant Professor, Old Dominion University. Advisor **M. Gruteser**.
15. **Dionysios KALOGERIAS**, RU 2017, Assistant Professor, Michigan State University . Advisor: **A. Petropulu**.
16. **Shunqiao SUN**, RU 2016, Assistant Professor, University of Alabama. Advisor: **A. Petropulu**.
17. **John McGARVEY**, RU 2016, Teaching Assistant Professor, Rutgers University. Advisor: **Z. Gajic**.
18. **Chenren XU**, RU 2014, Assistant Professor, Peking University . Advisor: **Y. Zhang**.
19. **Ashwin ASHOK**, RU 2014, Assistant Professor, ECE Georgia State University. Advisor **M. Gruteser**.
20. **Saket ANAND**, RU 2013, Assistant Professor, Indraprastha Inst. of Info. Tech., Delhi, India. Advisor **P.Meer**.
21. **Rishabh DUDHERIA**, RU 2013, Assistant Professor, ECE Department, NYIT, NYC Advisor: **W. Trappe**.
22. **Sanjit Krishnan KAUL**, RU 2011, Assistant Professor, IIT, Delhi, India. Advisor **M. Gruteser**.
23. **Fu-Yi HUNG**, RU 2009, Assistant Professor, Tamkang University, Tamsal, Taiwan. Advisor **I. Marsic**.
24. **Lin YANG**, RU 2009, Associate Professor, University of Florida. Advisor, **P. Meer**.
25. **Liang XIAO**, RU 2009, Professor, Xiamen University, China. Advisor **N. Mandayam**.
26. **Lalitha SHANKAR**, RU 2007, Associate Professor, Arizona State. Advisor **Mandayam**.
27. **Hongju GAO**, RU 2007, Associate Professor, China Agricultural University, Beijing. Advisor, **D. Daut**.
28. **Wenyuan XU**, RU 2007, Associate Professor, University of South Carolina. Advisor **W. Trappe**.

29. **Xiangfang LI**, RU **2007**, Assistant Professor, Prairie View Texas A&M University. Advisor **Z. Gajic**.
30. **Jing WANG**, RU **2005**, Assistant Professor, Nankai University, Tianjin, China. Advisor **K. Dana**.
31. **Jack OU**, RU **2005**, Assistant Professor, California State University Northridge, CA. Advisor **M. Caggiano**.
32. **Xiaolin LI**, RU **2005**, Professor, University of Florida Gainesville. Advisor **M. Parashar**.
33. **Rares F. BOIAN**, RU **2005**, Associate Professor, University of Babes Boilay, Romania. Advisor **G. Burdea**.
34. **Otilia POPESCU**, RU **2004**, Associate Professor, Old Dominion University. Advisor: **C. Rose**
35. **Nuri William EMANETOGLU**, RU **2003**, Associate Professor, University of Maine. Advisor **Y. Lu**.
36. **Sarah KOSKIE**, RU **2003**, Associate Professor, Indiana University/Purdue University. Advisor **Z. Gajic**.
37. **Ming YU**, Professor, RU **2002**, Florida State University Tallahassee. Advisor **D. Daut**.
38. **Dimitrie POPESCU**, RU **2002**, Associate Professor, Old Dominion University. Aadvisor **C. Rose**.
39. **Liang CHENG**, , RU **2002**, Associate Professor, Lehigh University. Advisor **I. Marsic**.
40. **Helmuth TREFFTZ**, RU **2002**, Professor, EAFIT University, Columbia. Advisor **R. Mammone**.
41. **Cristina COMANICIU**, RU **2002**, Associate Professor, Stevens Institute of Technology. Advisor **N. Mandayam**.
42. **Lijun QIAN**, RU **2001**, AT& T Professor, Prairie View Texas A&M University. Advisor **Z. Gajic**.

5. Rutgers ECE PhDs Who Graduated before January 2001 and Who Hold Faculty Positions

1. **Aylin YENER**, Roy and Lois Chope Professor, **Ohio State University**, RU 2000, advisor **R. Yates**.
2. **Sennur ULUKUS**, Anthony Ephremides Professor, **University of Maryland**, RU 1998, advisor **R. Yates**.
3. **Mohammad SAQUIB**, Professor, **University of Texas at Dallas**, RU 1998, advisor **R. Yates**.
4. **Jia-Chyi WU**, Associate Professor, National Taiwan Ocean University, RU 1998, advisor **D. Daut**.
5. **Christi MADSEN**, Professor, **Texas A&M University**, RU 1996, advisor **J. Zhao**.
6. **Ezhan KARASAN**, Professor **Bilkent University**, Turkey, RU 1995. Advisor **J. Hui**.
7. **Ching Yao HUANG**, Professor and Associate Dean, **National Chiao Tung University**, Taiwan. RU 1995. Advisor **R. Yates**.
8. **Myo Taeg LIM**, Professor, **Korea University**, RU 1994, advisor **N. Puri/Gajic**.
9. **Steven L. GAY (GRANT)**, Professor, **University of Missouri Rolla**, RU 1994, advisor **R. Mammone**.
10. **Khaled ASSALEH**, Provost, **Ajman University, United Arab Emirates**, RU 1993, advisor **R. Mammone**.
11. **David R. KAELI**, Professor, **Northeastern University**, RU 1992, advisor **H. Freeman**.
12. **Lawrence A. HORNAK**, Professor & NSF Program Director, **West Virginia University**, RU 1991, advisor **B. Lalevic**.
13. **John DOHERTY**, Professor, **Pennsylvania State University**, RU 1990, advisor **R. Mammone**.
14. **Ozan TONGUZ**, Professor, **Carnegie Mellon University**, RU 1990, advisor **D. Daut**.
15. **Dongming ZHAO**, Professor, University of Michigan Dearborn. Oct. 1990, advisor **D. Daut**.
16. **Xuemin SHEN**, University Professor, **University of Waterloo**, Canada, RU 1990, advisor **Z. Gajic**.
17. **Byung Moo MOON**, Professor, **Korea University**, RU 1990, advisor **B. Lalevic**.
18. **Weng Poo KANG**, Professor, **Vanderbilt University**, RU 1988, advisor **B. Lalevic**.
19. **Steven CHIN**, Professor & Associate Dean, **Rowan University**, RU 1987, advisor **D. Daut**.

6. ECE Doctoral Dissertation Advisors - January 2001 to January 2021 and Number of Dissertations Supervised (293 Dissertations from January 2001 to January 2021)

22.83* Mandayam

17 Lu, Parashar

14.5* Zhao

13.83* Raychaudhuri,

13.5 Gruteser

12.83* Yates

12 Marsic

11 Spasojevic

11.33* Trappe

11.5 Gajic

10 Daut

9.5* Zhang

7.5* Silver

9 Dana, Pompili

6 Bajwa, Bushnell, Meer

5 Jiang, Petropulu, Javanmard

4.5* Zonouz

4 Lindqvist, Mammone

3 Rose, Micheli-Tzanakou (Biomed), Sarwate

3.5 Najafizadeh

2 Burdea, Chen, Rabiner, El Rouayheb,

1.5* Patel, Sheng, Soljanin

1.33* Greenstein (WINLAB)

1 Bouzit, Caggiano, Cheung, Chhowala Foran (Bioinformatics-Medical School), Feldman (Physics), Godrich, Hsiao, Li (Biomed), Jeon, Oh (Physics), Parker, Puri, Cheong (Physics), Madigan (Statistics), Olgieski (WINLAB), Singh (Library and Information Science), Sontag (Math), Tremaine (CAIP), Raychaudhuri, Yuan

0.5* Jha, Fabris (MSE), Turilli, Wilder (CAIP)

0.33* Foschini (AT&T Bell Labs)

* 0.5 for two dissertation advisors ; 0.33 for three dissertation advisors; 1 for one dissertation advisor