Scott A. Valcourt

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268 Mast Road, NHPBS
University of New Hampshire
Durham, NH 03824
Phone: 603.862.4489

Home address:
4 Elmwood Drive
Berwick, ME 03901-2484
Phone: 207.698.1213
scott@valcourt.org

ACADEMIC PREPARATION

Doctor of Philosophy	Engineering Systems Design. College of Engineering and Physical Sciences, University of New Hampshire, Durham, NH. Dissertation Topic: *The Identification of Major Factors in the Deployment of a Science DMZ at Small Institutions.* Cognate in College Teaching. Graduate School, University of New Hampshire, Durham, NH.	Received December 2017
Master of Science	Computer Science. College of Engineering and Physical Sciences, University of New Hampshire, Durham, NH. Thesis Topic: *A Method for the Incorporation of Demand Priority Framing of 100VG-AnyLAN in the TCP/IP Protocol.*	Received May 1999
Bachelor of Arts	Computer Science with Mathematics Emphasis, *cum laude*. Saint Anselm College, Manchester, NH.	Received May 1992

RESEARCH INTERESTS

Cyberinfrastructure, Community Networks, Computer Networking, Broadband Telecommunications, Digital Audio and Video, Computer Science Education, Systems and Services, Computer Security, Network Security, Computer Programming, Performance of Application Layer Services.

HONORS AND AWARDS

Silver Beaver, Pine Tree Council, Boy Scouts of America, 2015.
Centurion Award, Order of the Arrow, Boy Scouts of America, 2015.
Citation of Commendation from New Hampshire Governor Margaret Hassan, 2014.
Alumni Wall of Fame, University of New Hampshire InterOperability Laboratory, 2013.
District Award of Merit, York District, Pine Tree Council, Boy Scouts of America, 2008.
Elevation to Senior Membership, IEEE, 2007.
Inducted into the DSL Forum Circle of Excellence, Rome, ITALY, March 2002.
Named one of the 50 Most Powerful People in Networking by *NetworkWorld* Magazine, December 2001.
Who's Who in Information Technology, 1999.
Who's Who in the East, 1994.
National Distinguished Service Award, Order of the Arrow, Boy Scouts of America, 1992.
Who's Who Among Students in American Universities and Colleges, 1992.
National Dean's List, 1989, 1990, 1991.
Delta Epsilon Sigma National Honor Society, 1991.
Founders' Award, Order of the Arrow, Boy Scouts of America, 1990.
Outstanding College Students of America, 1989.
Vigil Honor, Order of the Arrow, Boy Scouts of America, 1987.
Eagle Scout, Boy Scouts of America, 1986.

LANGUAGES

English, French

EXPERIENCE

University of New Hampshire, Durham, NH

Director of Strategic Technology, Information Technology (UNH-IT) Department.	June 2009 – present
Director of Project Management & Consulting Services, Information Technology (UNH-IT) Department.	September 2007 – June 2009
Research Project Manager, Computer Science Department.	July 2005 – January 2008
Research Project Manager, Research Computing and Instrumentation (UNH-RCI) Center.	November 2004 – July 2005
Director, UNH InterOperability Laboratory and **Associate Director**, Research Computing and Instrumentation (UNH-RCI) Center.	September 2000 – November 2004
Senior Consortium Manager, UNH InterOperability Laboratory.	January 1997 – September 2000
Consortium Manager, UNH InterOperability Laboratory.	July 1994 – January 1997
Data Information Assistant, Financial and Administrative Support Team (FAST), Controller's Office.	July 1993 – July 1994
Engineer, Research Computing and Instrumentation (UNH-RCI) Center.	January 1993 – July 1993

Saint Anselm College, Manchester, NH

Software Support Specialist, Academic Computer Center.	August 1992 – December 1992
System Administrator, Academic Computer Center.	August 1991 – January 1992
Tutor, Computer Science Department.	September 1990 – May 1991
Student Supervisor, Academic Computer Center.	September 1988 – May 1990

Argonne National Laboratory, Argonne, IL

Research Intern, Fuels and Engineering Division.	January 1992 – May 1992

TEACHING EXPERIENCE

Graduate School, University of New Hampshire, Durham, NH

Lecturer, DATA821, Data Architecture, Online	Spring 2018
Lecturer, DATA900, Data Architecture Section: 1	Fall 2017
Lecturer and Course Developer, DATA821, Data Architecture, Online	Spring 2017
Lecturer, DATA900, Data Architecture Section: 1	Fall 2016
Lecturer, DATA901, Data Architecture Section: 2	Spring 2016
Lecturer, DATA900, Data Architecture Section: 1	Fall 2015

Computer Science Department, University of New Hampshire, Durham, NH

Lecturer, IT775, Database Technology	Spring 2019
Lecturer, IT775, Database Technology	Fall 2018
Lecturer, IT775, Database Technology	Fall 2017
Lecturer, IT775, Database Technology	Fall 2016
Lecturer, IT775, Database Technology	Fall 2015
Lecturer, IT775, Database Technology	Fall 2014
Lecturer, CS410, Introduction to Scientific Programming Using C	Spring 2014
Lecturer, IT775, Database Technology	Fall 2013

Lecturer, CS851, System Requirements Engineering (BAE Systems) Fall 2011
Lecturer, CS620, Operating Systems Fundamentals Spring 2011
Lecturer, IT666, Computer Security Spring 2010
Lecturer, CS620, Operating Systems Fundamentals (Online) Summer 2008
Lecturer, CS780-2, Special Topics: Computer Security Spring 2007
Lecturer, CS620, Operating Systems Fundamentals Spring 2004

Computer Information Systems Department, University of New Hampshire, Manchester, NH
Instructor, CIS615, Information Security Fall 2009
Instructor, CIS615, Information Security Fall 2008
Instructor, CIS615, Information Security Fall 2007

Computer Science Department, Saint Anselm College, Manchester, NH
Lecturer, CS36, Operating Systems Spring 2003
Lecturer, CS07, COBOL Programming Spring 2002
Lecturer, CS33, Computer Networks Spring 2002
Lecturer, CS39, Artificial Intelligence Fall 2001
Lecturer, CS36, Operating Systems Spring 2001
Lecturer, CS01B, Computers and Applications Fall 2000
Lecturer, CS33, Computer Networks Spring 2000

Various Computer Networking and Telecommunication Classes for the University of New Hampshire InterOperability Laboratory Summer Training Program, 1995-2004.

Several Seminars on Windows, Microsoft Office, MS-DOS and UNIX at Saint Anselm College, 1991-1992.

INVITED PRESENTATIONS

"Deploying the ScienceDMZ Everywhere"	*IEEE Information Technology Professional Conference*, Ewing Township, NJ, March 17, 2017
Broadband Infrastructure in New Hampshire	New Hampshire Public Radio, "The Exchange," March 15, 2017
"Future IT Technologies"	ADMN926, University of New Hampshire, Durham, NH, November, 2015
"Future IT Technologies"	ADMN926, University of New Hampshire, Durham, NH, November, 2014
"What Should NH Citizens do to Protect Themselves Regarding Data Privacy?"	Center Barnstead, NH, September, 2014
"What Should NH Citizens do to Protect Themselves Regarding Data Privacy?"	Henniker, NH, September, 2014
"What Should NH Citizens do to Protect Themselves Regarding Data Privacy?"	Nashua, NH, June, 2014
Greatest Grant Outcome: Ignite! Session	Schools, Healthcare, Library Broadband Coalition (SHLB) Conference, Washington, DC, May, 2014
"What Should NH Citizens do to Protect Themselves Regarding Data Privacy?"	Whipple Free Library, New Boston, NH, April, 2014
"What Should NH Citizens do to Protect Themselves Regarding Data	North Hampton Public Library,

Privacy?"	North Hampton, NH, October, 2013
"Successful State Broadband Planning Initiatives"	Schools, Healthcare, Library Broadband Coalition (SHLB) Conference, Washington, DC, May, 2013
"Cyberinfrastructure – NH's Newest Broadband Initiative"	2011 New Hampshire Telecommunications Summit, Manchester, NH, May, 2011
"Computer Science versus Information Technology—What's the Difference?—A Study of an IT Problem"	IT400, University of New Hampshire, Durham, NH, September 2010
"USNH Wide Area Network, NH-I-BEAM, Network New Hampshire Now and Atlantica" (Regular Lecture)	IT609, UNH, Durham, NH, September 2010 & September 2011 & September 2012
"General Overview -- Network New Hampshire Now"	Telecommunications Association of New England (TANE) Annual Convention, Bretton Woods, NH, September 2010
"What Should NH Citizens do to Protect Themselves Regarding Data Privacy?"	Boscawen Public Library, Boscawen, NH, May 2010
"Computer Science versus Information Technology—What's the Difference?—A Study of an IT Problem"	IT400, University of New Hampshire, Durham, NH, September 2009
"What Do Computer Scientists and Information Technologists Do All Day?"	Career Day, Noble High School, North Berwick, ME, May, 2009
"National Treasure, 5TH GRADERS and YOUR COMPUTER: Discovering Cryptography Around Us"	Computer Security Awareness Month, University of New Hampshire, Durham, NH, October 2008
"Eight Principles Surrounding Security"	Pinkerton Academy, Derry, NH, February 2008
"Truisms and Falsehoods in Software Testing—The Link Between Software Requirements and Testing"	CS900, University of New Hampshire, Durham, NH, November, 2007
"DSL from A to V and Back Again"	*Conference on Access Networks*, AccessNets 2007, Ottawa, ON, Canada, August, 2007
"Alphabet Soup: A Comparison of DSL Technologies"	***First International Workshop on Community Networks and FTTH/P,*** OptiComm 2003, Dallas, TX, October 2003
"The Interoperability Problem"	2000 DSLComForum, Chicago, IL, July 2000
"QoS and Interoperability"	IP over ATM Conference, San Francisco, CA, December 1998

PUBLICATIONS

BOOK CHAPTERS

Valcourt, Scott A., "Chapter 10—A Comparison of DSL Technologies," in *Broadband Services: Business Models and Technologies for Community Networks*, Edited by Imrich Chlamtac, Ashwin Gumaste, Csaba Szabo, John Wiley and Sons, London, UK, April 2005.

BOOK REVIEWS

Goransson, Paul and Chuck Black, "Software Defined Networks," Morgan Kaufmann, Burlington, MA, June 2014.

JOURNAL ARTICLES

Kent Chamberlin, Benjamin McMahon, Scott Valcourt, "Datacasting in the Mobile Environment," *Journal of Networks,* Volume 3, Issue 7, Academy Publisher, July, 2008.

CONFERENCE POSTERS

Scott A. Valcourt, "Major Factors in Science DMZ Deployment at Small Institutions," in *Proceedings of PEARC17 Practice & Experience in Advanced Research Computing*, New Orleans, LA, July 9-13, 2017.

CONFERENCE PAPERS

Scott A. Valcourt, Pushpa Datla, Kent Chamberlin and Benjamin McMahon, "Using Two-Way Datacasting to Deliver Real-Time Public Safety Information," 2008 IEEE International Conference on Technologies for Homeland Security, Boston, MA, May 12-13, 2008.

Scott A. Valcourt, Pushpa Datla, Kent Chamberlin and Benjamin McMahon, "Information Integration for Public Safety Officers," in *Proceedings of the 2008 SPIE Defense + Security Conference*, Orlando, FL, March, 2008.

Kent Chamberlin, Scott Valcourt, Andrew Kun and Benjamin McMahon, "Evaluation of Datacasting in the Mobile Environment," in *Proceedings of the 2007 IEEE 66th Vehicular Technology Conference*, Baltimore, MD, October, 2007.

Kent Chamberlin, Andrew Kun, Benjamin McMahon, Scott Valcourt, "Measuring Datacast Channel Characteristics for the Mobile Environment," in *Proceedings of the 2007 North American Radio Science Meeting,* Ottawa, ON, Canada, 2007.

Valcourt, Scott A., "DSL from A to V and Back Again," in *Proceedings of the Conference on Access Networks*, AccessNets 2007, Ottawa, ON, Canada, August, 2007.

Chamberlin, Kent, Benjamin McMahon, Scott Valcourt and Andrew Kun, "Measurement of Propagation Effects for High-Speed, Digital UHF Channels," in *Proceedings of the 2007 IEEE AP-S International Symposium on Antennas and Propagation*, Honolulu, Hawaii, June 10-15, 2007.

Scott Valcourt, Kent Chamberlin, Benjamin McMahon and Andrew Kun, "Systems Engineering of Datacasting for Public Safety Vehicles," in *Proceedings of the 2007 IEEE Conference on Technologies for Homeland Security: Enhancing Critical Infrastructure Dependability*, Woburn, MA, May 2007.

Kim, Myung-Sun, Radim Bartoš, Scott A. Valcourt, "Simple Authentication and Security Layer Incorporating Extensible Authentication Protocols," Technical Report 07-01, Computer Science Department, University of New Hampshire, Durham, NH, May, 2007.

Kim, Myung-Sun, Valcourt, Scott A., Bartoš, Radim, "Selecting a Standard Outer Method for EAP," Technical Report 06-01, Computer Science Department, University of New Hampshire, Durham, NH, May, 2006.

Valcourt, Scott A., "Datacasting as a Public Network Service," in *Proceedings of the Second IEEE/Create-NET International Workshop on Deployment Models and First/Last Mile Networking Technologies for Broadband Community Networks*, Boston, MA, October 2005.

Valcourt, Scott A., "Alphabet Soup: A Comparison of DSL Technologies," *Proceedings of the First International Workshop on Community Networks and FTTH/P*, OptiComm 2003, Dallas, TX, October 2003.

Venugopal, Padmabala, Michael J. Carter and Scott A. Valcourt, "Radio Frequency Interference and Capacity Reduction in DSL," in *Proc. of the Fourteenth IASTED International Conference on Communications and Computer Networks (CCN)*, Cambridge, MA, November 2002.

Langlois, Matthew J., Michael J. Carter, Scott A. Valcourt and William Lenharth, "An ITU-T G.994.1 Protocol Analysis Tool for ADSL," in *Proc. of the Fourteenth IASTED International Conference on Communications and Computer Networks (CCN)*, Cambridge, MA, November 2002.

Valcourt, Scott A., *DSL Forum Plugfest Program for 2001,* DSL2001-092, DSL Forum Technical Committee Meeting, Vancouver, BC, CANADA, March 2001.

Lavoie, Lincoln, Matthew Langlois and Scott A. Valcourt, *ADSL EOC Interoperability Test Suite,* DSL2001-072, DSL Forum Technical Committee Meeting, Vancouver, BC, CANADA, March 2001.

Valcourt, Scott A., *The Interoperability Problem*, 2000 DSLComForum, Chicago, IL, July 25-26, 2000.

Reguraman, Praveen and Scott A. Valcourt, *End-to-End Tests for DSL*, DSL2000-108, DSL Forum Technical Committee Meeting, Orlando, FL, May 2000.

Valcourt, Scott A. and Robert D. Russell, *A Method for the Incorporation of Demand Priority Framing of 100VG-AnyLAN in the TCP/IP Protocol*, TR 99-01, Computer Science Department, University of New Hampshire, Durham, NH, May 1999.

Blake, Matt, Matt Langlois, Praveen Raguraman and Scott A. Valcourt, *Differences Between ITU-T G.992.1 (G.dmt) and ANSI T1.413 Issue II*, ADSL99-0005, ADSL Forum Technical Committee Meeting, Washington, DC, March 1999.

Blake, Matt, Matt Langlois, Praveen Raguraman and Scott A. Valcourt, *Differences Between ITU-T G.992.2 (G.lite) and ANSI T1.413 Issue II*, ADSL99-0006, ADSL Forum Technical Committee Meeting, Washington, DC, March 1999.

Valcourt, Scott A., *QoS and Interoperability*, IP over ATM Conference, San Francisco, CA, December 14-16, 1998.

Blake, Matt, Matt Langlois, Praveen Raguraman and Scott A. Valcourt, *Electric Parametric Testing for ADSL*, ADSL98-0200, ADSL Forum Technical Committee Meeting, Beverly Hills, CA, November 1998.

Blake, Matt, Matt Langlois and Scott A.Valcourt, *ADSL Interoperability Test Suite Development*, ADSL98-0201, ADSL Forum Technical Committee Meeting, Beverly Hills, CA, November 1998.

Valcourt, Scott A. and Fadi Daou, *Long-Term Interoperability Testing of ADSL,* ADSL98-0210, ADSL Forum Technical Committee Meeting, Beverly Hills, CA, November 1998.

Valcourt, Scott A. and Fadi Daou, *A Model for ADSL Interoperability Testing and the ADSL Consortium*, ADSL97-0248, ADSL Forum Technical Committee Meeting, San Francisco, CA, December 1997.

Housanni, Mohammed, Scott A. Valcourt and Krithika Srinivas, *Additions and Corrections to the Draft PNNI v1.0 Interoperability Test Suite*, AF97-0496, ATM Forum Technical Committee Meeting, Montreal, Quebec, Canada, July 1997.

Ritchie, Bradford T. and Scott A. Valcourt, *Draft LANE 1.0 Interoperability Test Suite*, AF97-0599, ATM Forum Technical Committee Meeting, Montreal, Quebec, Canada, July 1997.

Turner, E.H., S.G. Chappell, S.A. Valcourt, and M.J. Dempsey, "COLA: A Language to Support Communication Between Multiple Cooperating Vehicles," in *Proceedings of the 1994 IEEE Symposium on Autonomous Underwater Vehicle Technology (AUV '94)*, Piscataway, NJ, July, 1994, pp. 309-316.

Valcourt, S.A., DAS Graphics Routine. Fuels and Engineering Group, Argonne National Laboratory, Argonne, IL, 1992.

PROFESSIONAL ACTIVITY

Proposal Reviewer, CSTA Computer Science & Information Technology Conference, Baltimore, MD, 2017.
Editorial Board, *Infocommunications Journal*, 2013-2016.
Proposal Reviewer, CSTA Computer Science & Information Technology Conference, San Diego, CA, 2016.
Proposal Reviewer, CSTA Computer Science & Information Technology Conference, Grapevine, TX, 2015.
Proposal Reviewer, CSTA Computer Science & Information Technology Conference, Chicago, IL, 2014.
Proposal Reviewer, CSTA Computer Science & Information Technology Conference, Quincy, MA, 2013.
Proposal Reviewer, CSTA Computer Science & Information Technology Conference, Irvine, CA, 2012.
Program Committee, TridentCom 2012, Thessaloniki, Greece, June, 2012.
Program Committee, TridentCom 2010, Berlin, Germany, May, 2010.
Program Committee, ISAS 2009, Budapest, Hungary, May, 2009.
Program Committee, TridentCom 2009, Washington, D.C., April, 2009.
Reviewer, *IEEE/ACM Transactions on Networking* Journal, 2008.
Steering Committee and Program Committee, IEEE Conference on Technologies for Homeland Security (HST) 2008, Boston, MA, May, 2008.
Program Committee, TridentCom 2008, Austria, March, 2008.
Program Committee, TridentCom 2007, Orlando, FL, May, 2007.
General Chair, ISAS 2007, Durham, NH, May 2007.
Session Chair, COMNETS 2005, Boston, MA, October 2005.
Industry Relations Chair/Organizing Committee, COMNETS 2005, Boston, MA, October 2005.
Technical Program Committee, COMNETS 2005, Boston, MA, October 2005.
Exhibits Chair, MSAN 2005, Orlando, FL, June 2005.

SPONSORED PROJECTS

CC* Cyber Team: Improving Access to Regional and National Cyberinfrastructure for Small and Mid-Sized Institutions	Co-Principal Investigator	2017-2020	$1,104,455
CC*DNI Engineer: CI Leadership for the University of New Hampshire	Principal Investigator	2016-2018	$400,000
CC*IIE Networking Infrastructure: A Science DMZ for Saint Anselm College. Sponsored by the National Science Foundation.	Co-Principal Investigator	2015-2018	$300,000
BDHubs: Collaborative Proposal: NORTHEAST: The North East Big Data Innovation Hub	Senior Personnel	2015-2018	$1,250,000

Development of the Sympathetic System Sensor. New Hampshire Innovation Research Center (NHIRC). Sponsored by the State of New Hampshire. Partnership with Lamprey Networks, Inc.	Co-Principal Investigator	2015-2016	$100,000
Increased Research and Educational Opportunities at Shoals Marine Laboratory Through an Improved Communications Network. Sponsored by the National Science Foundation.	Co-Principal Investigator	2014-2016	$186,323
Rural Utilities Service (RUS) (#NH0712-B16). Sponsored by the US Department of Agriculture.	Principal Investigator	2014-2017	$204,997
Development of the Continua Model. New Hampshire Innovation Research Center (NHIRC). Sponsored by the State of New Hampshire. Partnership with Lamprey Networks, Inc.	Co-Principal Investigator	2014-2015	$115,000
CC-NIE Networking Infrastructure: Advancing UNH's High-Performance End-to-End Research. Sponsored by the National Science Foundation.	Principal Investigator	2013-2015	$499,255
Turning the Light on Software Defined Networking. New Hampshire Innovation Research Center (NHIRC). Sponsored by the State of New Hampshire. Partnership with New Hampshire Optical Systems.	Principal Investigator	2012-2014	$86,335
Ecosystems and Society. Sponsored by the National Science Foundation. Principal Investigator Jan Nisbet, Director of NH EPSCoR.	Senior Personnel	2011-2016	$20,000,000
Rural Utilities Service (RUS) (#NH0712-A17). Sponsored by the US Department of Agriculture.	Principal Investigator	2011-2014	$222,849
GSDLN Telehealth Expansion Effort. Sponsored by the NH Endowment for Health.	Principal Investigator	2011-2012	$7,177
New Hampshire Broadband Mapping and Planning Program (NHBMPP). Sponsored by the US Department of Commerce, National Telecommunications and Information Administration. Principal Investigator Fay Rubin, UNH Complex Systems Research Center.	Co-Principal Investigator	2010-2014	$6,113,338
Public Telecommunications Facilities Program (PTFP) (#33-04-N10151_0). Sponsored by the US Department of Commerce, National Telecommunications and Information Administration.	Principal Investigator	2010-2012	$104,500
Network New Hampshire Now (#NT10BIX5500778). Sponsored by the US Department of Commerce, National Telecommunications and Information Administration.	Principal Investigator	2010-2013	$44,480,992
Expanding the Awareness of Safety and Security Programs for UNH Students. Sponsored by the University of New Hampshire Parents Association.	Principal Investigator	2009-2010	$4,446
Cellular and Molecular Mechanisms of Lung Disease Biology—NCRR Supplement—Translational-Linked (#3P20RR0187787-0751). Sponsored by the National Institutes of Health. Principal Investigator Bruce Stanton, Dartmouth Medical School.	Senior Personnel	2009-2011	$1,672,733
Collaborative Research: North East Cyberinfrastructure Consortium (#0918033). Sponsored by the National Science Foundation.	Principal Investigator	2009-2013	$1,200,000
Development of the IEEE Aerospace and Electronic Systems Society (AESS) Web-based Video Education System. Sponsored by the IEEE AESS and UNH CEPS.	Lead Technical Developer	2007	$6,400
Development and Maintenance of Hardware Platform	Principal	2007	$53,000

Interface (HPI) Specification Testing Technology for the Service Availability Forum. Sponsored by the Service Availability Forum.	Investigator	2008 2009	$42,000 $35,000
Datacasting Project for Project54™ (2001-LT-BX-K010). Sponsored by National Institute of Justice, Department of Justice. Principal Investigator W. Thomas Miller, III, UNH Electrical and Computer Engineering Department.	Senior Personnel	2006 2007	$400,000 $352,000
Evaluation of Product Enhancements. Sponsored by Lamprey Networks, Inc.	Principal Investigator	2006	$14,000
EAP Research and Testbed Development for Meetinghouse Data Communications. Sponsored by Meetinghouse Data Communications, Inc.	Principal Investigator	2005-2006	$50,000
Development of Testing Technology for the Service Availability Forum. Sponsored by the Service Availability Forum.	Principal Investigator	2005-2006	$456,000
EVault Testing and Evaluation Program. Sponsored by EVault, Inc.	Principal Investigator	2004-2005	$18,000
Consortium-based Activity at the UNH InterOperability Laboratory, Durham, NH			
SHDSL Consortium		1999-2002	$400,000
HDSL2 Consortium		1999-2001	$250,000
ADSL Consortium		1997-2002	$2,000,000
ATM Consortium		1995-2001	$500,000
Token Ring Consortium		1995-2000	$500,000
100VG-AnyLAN Consortium		1994-1996	$200,000

ADVISING

Current Thesis Committee Membership:

None

Past Thesis Committee Membership:

Myung-Sun Kim, 2005-2007 (M.S.C.S. graduate) – Sun Microsystems
Steven J. Todd, 2005-2006 (M.S.C.S. graduate) - EMC
Claire Kraft, 2001-2003 (M.S.C.S graduate) – Sun Microsystems
Mugdha Kulkami, 2001-2003 (M.S.C.S graduate) –
Padmabala Venugopal, 2000-2002 (M.S.E.E. graduate) – IBI Group
Matthew J. Langlois, 1998-2002 (M.S.E.E. graduate) – QA Cafe
Arun Ghandi, 2000-2001 (M.S.C.S. graduate) –
Stephen A. Scapicchio, 1999-2001 (M.S.E.E. graduate) – QA Cafe
Mythilikanth Raman, 1999-2000 (M.S.C.S. graduate) – Finisar
Praveen Reguraman, 1998-2000 (M.S.C.E. graduate) – Cisco Systems
Venky R. Natham, 1997-1998 (M.S.E.E. graduate) – 3Com

PROFESSIONAL SOCIETY MEMBERSHIP

Association for Computing Machinery (ACM)
        Student Member – 1990 to date
        Past Two-term Chair, Student Chapter, University of New Hampshire – 1993 to 1995
IEEE
        Senior Member – 2007 to date

Member – 1995 to 2007
IEEE Computer Society
    Senior Member – 2007 to date
    Member – 1995 to 2007
IEEE Standards Association
    Senior Member – 2007 to date
    Member – 1998 to 2007
IEEE Aerospace and Electronic Systems Society (AESS)
    Senior Member – 2007 to date
Computer Science Teachers Association
    New Hampshire Chapter Charter Member – 2013 to date
    Member – 2005 to date
IEEE 802.5 Working Group - Hibernation
    Voting Member – 1995 to 2002
SPIE (International Society for Optics and Photonics)
    Member – 2007 to 2008
Software Association of New Hampshire (SwANH)
    Member – 2005 to 2009
Project Management Institute (PMI)
    Member – 2008 to 2010
ATM Forum
    Past Primary Auditing Representative – University of New Hampshire
    Past Primary User Representative – University of New Hampshire
DSL Forum
    Past Primary Associate Representative – University of New Hampshire
    Past Primary Principal Representative – University of New Hampshire
    Past Primary Auditing Representative – University of New Hampshire
    RFI Respondent - Testing and Interoperability Working Group (TIWG)
    Past Chair - Interoperability Sub Working Group (ISWG)
    Past Vice Chair – Testing and Interoperability Working Group (TIWG)
    Past Co-Chair – Testing and Interoperability Working Group (TIWG)
ANSI T1 Committee
    Past Observer Representative – University of New Hampshire
SNIA
    Affiliate Member – Fixed Content Aware Storage Technical Working Group (FCAS-TWG)
    Affiliate Member – XAM Initiative
    Affiliate Member – XAM Software Development Technical Working Group (XAM-SDK-TWG)
EDUCAUSE
    ECAR CCI working group member, 2013-2015.
    ACTI (Advanced Core Technologies Initiative) CCI (Campus Cyberinfrastructure) working group
        member, 2010-2013.
    CEO-RT working group member, 2010-2015.
    Net@EDU working group member, 2007-2010.
XSEDE
    Region 7 Deputy Coordinator, Campus Champion Program, 2017-date.
    Campus Cyberinfrastructure Champion, University of New Hampshire, 2011-date.
    Outreach Sub-Committee, 2012-2013.

UNIVERSITY SERVICE

Member of the Data Management Services Task Force (DMSTF), 2016-2017.
Member of the Cyberinfrastructure Strategic Working Group (CISWG), 2013-2015.
Member of Research Development/Administration Working Group, 2010-2012.
Member of University Strategic Planning Commission, 2008-2009.

Emergency Communication Work Group, Chair and Project Manager, 2007-2009.
District 21 Representative, PAT Staff Council, University of New Hampshire, 2003-2004.
PAT Staff Representative to the President's Award of Excellence Selection Committee, 2003.
PAT Staff Representative to the UNH Student Judicial Review Board, 1999-2001.
PAT Staff Representative to the FAIR Peer Grievance Review Board, 1998.
PAT Staff Representative to the Associate Vice President for Human Resources Search Committee,
        University of New Hampshire, 1998.
Secretary, PAT Council, University of New Hampshire, 1996-1997, 1997-1998, 1998-1999, 1999-2000,
2004.
District 8 Representative, PAT Staff Council, University of New Hampshire, 1996-1998, 1998-2000.

PROFESSIONAL SERVICE

STEM Program Chairman, National Order of the Arrow Conference, Bloomington, IN, 2017-2018.
Member, Advisory Committee, Northern Crossroads (NoX), 2015-date.
Member, Statewide Interoperability Executive Committee (SIEC), State of New Hampshire, 2015-date.
STEM Program Chairman, National Order of the Arrow Conference, Lansing, MI, 2014-2015.
Judge, NH Science & Engineering Expo, Concord, NH, 2015-2017.
Member, National Committee, Order of the Arrow, Boy Scouts of America, 2014-date.
Member, Strategic Planning Committee, Northeast Research & Education Network (NEREN), 2012-2013.
STEM Program Chairman, National Order of the Arrow Conference, Lansing, MI, 2011-2012.
Board Member, RoomioTV, Inc., San Jose, CA, 2010-date.
Judge, Computer Science Area, NH Science & Engineering Expo, Concord, NH, 2008-2009.
STEM Center Chairman, Scoutopia Jamboree, Oxford, ME, 2009-2010.
Member, Northeast Region Area 1 Executive Committee, Boy Scouts of America, 2009-2013.
Founder, New England SNUG, SNIA StorageNetworking.org, 2007-2008.
Vice President, Heritage Estates Homeowners Association, Berwick, ME, 2006-date.
Member, Industrial Advisory Board, UNH Computer Science Department, 2004-date.
Founding New England Regional Director, Association of Storage Networking Professionals, 2003-2007.
Board Member, Gemini Telemangement, Inc., Goffstown, NH, 2002-2009.
Board Member, Jobstor.com, Erie, PA, 2002-date.
City of Rochester, NH Utilities Advisory Board Chair, November 2001-August 2005.
City of Rochester, NH Utilities Advisory Board Member, March 2000-August 2005.
President, Saint Anselm College Computer Society, 1990-1992.
Executive Board Member, Saint Anselm College Abbey Players, 1989-1992.