Delbert R. Hart

Computer Science Department
SUNY Plattsburgh
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Education

Doctor of Science in Computer Science — August 2000
Washington University in St. Louis
Thesis: Exploratory Visualization of Distributed Computations

co-advisors:	Dr. Gruia-Catalin Roman
	Dr. Eileen T. Kraemer

Master of Science in Computer Science — May 1995
Washington University in St. Louis

Bachelor of Arts: Computer Science / Mathematics — May 1993
State University of New York at Plattsburgh

Research Interests

CS Pedagogy	novice programming, applied learning, serious games
Computer Security	password security, intrusion detection, mobile agents, confidentiality
Distributed Systems	mobility, middleware, software engineering
Visualization	automatic creation of visualization, visual languages

Employment History

SUNY Plattsburgh
Computer Science Department

Professor	August 2017 - present
Chair	August 2018 - August 2024
Associate Professor	August 2010 - August 2017
Assistant Professor	August 2007 - August 2010
Lecturer	August 2006 - August 2007

- Teach undergraduate computer science courses.
- Reasearch topics including pedagogy and computer security.
- Supervise Computer Science department's experiential learning.
- Administer Computer Science department's computing resources.

University of Alabama in Huntsville
Computer Science Department

Assistant Professor   August 2000 - August 2006

- Teach graduate computer science courses.
- Supervise masters and doctoral students.
- Development of models to improve software monitoring on portable devices.
- Development of mobile agent protocol for peer to peer instrustion detection.
- Exploration of techniques for automatically generating visualizations.
- Investigation of confidentiality for mobile agents on untrusted hosts.

Washington University in St. Louis
Computer Science Department

Research Assistant   August 1993 - July 2000

- Development of simple and powerful agent model for monitoring and steering.
- Design of a class of algorithms for the creation of a continuous sequence of selective global snapshots.
- Principal developer of the PathFinder monitoring tool.   (1995-2000)
- Leadership role in the Pavane declarative visualization project.   (1993-1995)
- Responsible for the purchase, maintenance, and administration of SGI Irix, Linux, Windows NT, and Macintosh computers along with a professional video editing station and camera.

SUNY Plattsburgh

Teaching Experience

Course	Times Taught	Last Taught
CSC 121 Intro to Computing and the Web	4	Fall 2019
CSC 123 Simulation and Modeling	3	Fall 2014
CSC 152 Computer Security and Society	3	Fall 2016
CSC 217 Discrete Math (co-taught)	1	Fall 2013
CSC 221 Intro to Programming	2	Fall 2008
CSC 231 Intro to Programming Lab	6	Spring 2023
CSC 233 Data Structures Lab	1	Fall 2021
CSC 313 Java	1	Fall 2011
CSC 313 Lua	1	Summer 2021
CSC 313 Perl	1	Fall 2011
CSC 319 C and UNIX	1	Fall 2007
CSC 320 System Administration	1	Fall 2011
CSC 321 Design Analysis/Algorithms (co-taught)	1	Fall 2013
CSC 322 Data Modeling and Analysis	1	Fall 2018
CSC 333 Computer Organization	3	Spring 2011
CSC 336 Software Engineering I	8	Spring 2012
CSC 341 Database and Web Applications	1	Fall 2022
CSC 352 Computer Security	3	Spring 2017
CSC 357 Computer Networks	1	Fall 2013
CSC 357 Intro to Computer Networks	2	Spring 2009
CSC 372 Ethics/Technology & Info	6	Spring 2024
CSC 402 Software Engineering	1	Spring 2007
CSC 433 Operating Systems	5	Fall 2020
CSC 436 Software Engineering II	13	Spring 2016
CSC 446 Software Design Studio	13	Spring 2016
CSC 452 Threat Analysis and Modeling	4	Spring 2021
CSC 462 Intrusion Detection	3	Spring 2020

Seminar Courses

CSC 485 Computer Security	2	Spring 2011
CSC 485 Advanced Networking (co-taught)	1	Fall 2010
CSC 485 Tech Startup	1	Spring 2019

Advanced Honors

Ruxandra Staicut	Fall 2007-Spring 2008

Independent Study

CSC 299 Independent Study	2	Fall 2021
CSC 399 Independent Study	7	Fall 2021
CSC 495 Independent Study	1	Spring 2017
CSC 499 Independent Study	19	Summer 2023

SUNY Plattsburgh Internships, Independent Studies, and Research Projects

Teaching Experience (continued)	Summer	2023	Banfy Bu
	Summer	2022	Joseph Paiva
	Spring	2022	Rina Abe
	Spring	2021	Elisabeth Ashley, Michael Girardin
	Winter	2021	Francis Sealy
	Fall	2020	Kyle Petruzzi, Steven Colletti
	Summer	2020	Joshua Gero, Ian Coyne
	Spring	2020	Chantz Baudoux, Michael Gates, Jolizbeth Bonilla, Samuel Munn, Rachel Ford, Shrirang Patel, Tyler Ellis
	Fall	2019	Michael Abreha, Lam Nguyen, Dominic Le
	Summer	2019	Thomas Christy
	Spring	2019	Kera McDonald
	Fall	2018	Thaddeus Morales, Quan Le, Zac Schneider, Wilkins Soto
	Summer	2018	Brian Kennedy
	Spring	2018	Gaurav Jayasawal, JP Bartow
	Fall	2017	Paige Worthley
	Spring	2017	Robert Love, Matthew Dambra
	Fall	2016	Min Lu, Matthew Dambra, Marie Hilpl
	Spring	2016	Joseph Kelly, Russell Greaker, Marie Hilpl, Cody Stevens
	Spring	2015	Justin Brundige
	Winter	2015	Robert Bach
	Summer	2014	Michael Pockett
	Spring	2014	Eric Patch, Dirk Dunn, John Allen, Jacob Papa
	Fall	2013	Jeremy Affinito
	Spring	2013	Mary Fievisohn
	Spring	2012	Brittany Aufseer, John Cronin
	Fall	2011	John Cronin, Ian Zink
	Fall	2010	Ashraf Bah Rabiou, Benjamin Boyea Kyle Phillips
	Spring	2009	Nick Phifer
	Fall	2008	Keenan Ahern
	Spring	2008	Matt Call, Steven Goddeau
	Fall	2006	Bill Keys

University of Alabama in Huntsville

Course	Times Taught	Last Taught
CS 214 Introduction to Discrete Structures	1	Summer 2005
CS 487 Database Systems	3	Fall 2005
CS 526 Program Translation and Compiler	1	Fall 2001
CS 585 Introduction to Computer Security	3	Spring 2006
CS 650 The Software Engineering Process	2	Spring 2001
CS 658 Software Project Management and Q/A	1	Summer 2003
CS 666 Software Studio 1	4	Fall 2005
CS 668 Software Studio 2	4	Spring 2006
CS 685 Computer Security	2	Spring 2004
CS 687 Database Systems	2	Spring 2003

Special Topics Courses

Course	Times Taught	Last Taught
CS 495/595 Concurrency and Mobility	1	Spring 2001
CS 796 Advanced Computer Security	1	Fall 2001
CS 796 Data, Information, and Knowledge	1	Fall 2002
CS 796 Data Mining and Modeling	1	Spring 2003

Supervised PhD Dissertation

Xin Zheng	Spring 2005
"Model-Based Monitoring for Mobile Systems"	

Supervised Masters Theses

James Adkins	Summer 2006
"Change Classification Using Source Control Histories"	
Sreeram Balasubramanian	Summer 2004
"Channel Visualization: Time Multiplexing on a Display"	
Michael Santy	Summer 2004
"Caching in an Anonymous Distributed Search Engine"	
Geetha Ramachandran	Spring 2004
"A P2P Intrusion Detection System Based on Mobile Agents"	
Yangtong Liu	Fall 2003
"Mobile Agent Approach Towards Resource Management on Mobile Devices"	

Undergraduate Honors Projects Mentored

Jennifer L Hood	
Database Query	Fall 2001

Washington University in St. Louis

Course	Times Taught	Last Taught
CS 514N Fundamentals of Computer Science	1	Summer 1999

Refereed articles

1. Delbert Hart. Web-based cybersecurity framework exercises. In *Annual Symposium on Information Assurance*, volume 16, pages 55–61, Albany, NY, USA, June 2021

2. Delbert Hart. Learning risk assessments using jupyter notebooks. In *Annual Symposium on Information Assurance*, volume 14, Albany, NY, USA, June 2019

3. Delbert Hart. Network defense exercises with simulated attacks. In *Annual Symposium on Information Assurance*, volume 11, pages 33–39, Albany, NY, USA, June 2016

4. S. J. G. Martínez and D. Hart. A cross-sectional comparison of computing education. In *2016 International Conference on Computational Science and Computational Intelligence (CSCI)*, pages 392–397, Dec 2016

5. Delbert Hart. Two studies on password memorability and perception. In *Annual Symposium on Information Assurance*, volume 10, pages 7–13, Albany, NY, USA, June 2015

6. Delbert Hart. A general education simulation and modeling course to stimulate interest in science. *Journal of Computing Sciences in Colleges*, 28(6):84–89, 2013

7. Delbert Hart. Supporting agile processes in software engineering courses. *Journal of Computing Sciences in Colleges*, 25(6):136–143, 2010

8. Delbert Hart. Commodity entities: Classifying instead of identifying in reputation systems. *Ubiquitous Computing and Communication Journal*, 4(4):689–695, 8 2009

9. Delbert Hart. Attitudes and practices of students towards password security. *Journal of Computing Sciences in Colleges*, 23(5):169–174, 2008

10. Mihael Tudoreanu and Delbert Hart. Alternative visualization histories. In *Modelling, Visualization, and Simulation Conference 2007*, pages 302–308, 6 2007

11. M Eduard Tudoreanu and Delbert Hart. Interactive legends. In *Proceedings of the 42nd annual Southeast regional conference*, pages 448–453. ACM, 4 2004

12. Geetha Ramachandran and Delbert Hart. A p2p intrusion detection system based on mobile agents. In *Proceedings of the 42nd annual Southeast regional conference*, pages 185–190. ACM, 4 2004

13. Yangtong Liu and Delbert Hart. A software monitoring tool for data management of mobile devices. In *Proceedings of 15th IASTED International Conference on Parallel and Distributed Computing and Systems*, pages 195–200, 11 2003

Refereed
articles
(continued)

14. Delbert Hart. Data decoys for confidentiality. In *Proceedings of 15th IASTED International Conference on Parallel and Distributed Computing and Systems*, pages 506–511, 11 2003

15. Xin Zheng and Delbert Hart. Knowledge inference for mobile monitoring. In *Proceedings of 15th IASTED International Conference on Parallel and Distributed Computing and Systems*, pages 633–638, 11 2003

16. Xin Zheng and Delbert Hart. Mobile agents for mobile monitoring. In *Proceedings of ISCA 16th International Conference on Parallel and Distributed Computing Systems*, pages 405–410, 8 2003

17. Delbert Hart and Mihael Tudoreanu. Visualization channels: Time-multiplexing on a display. In *IASTED Visualization, Imaging, and Image Processing*, pages 95–100, 9 2001

18. Delbert Hart, Mihael Tudoreanu, and Eileen Kraemer. Token finding using mobile agents. In *ICCS '01: Proceedings of the International Conference on Computational Science-Part II*, pages 791–800, 2001

19. H Vuppula, Eileen Kraemer, and Delbert Hart. Algorithms for collection of global snapshots in a distributed system: An empirical evaluation. In *Proceedings of ISCA 13th International Conference on Parallel and Distributed Computing Systems*, pages 197–204, 8 2000

20. N Gupta, Eileen Kraemer, Delbert Hart, M Chinwala, and David Miller. Exploratory visualization of distributed computations: A case study. In *Parallel and Distributed Software Engineering*, pages 188–195, 6 2000

21. Mihael Tudoreanu, Delbert Hart, and Gruia-Catalin Roman. Reshapeable visualization. In *IEEE International Symposium on Multimedia Software Engineering*, pages 245–252, 12 2000

22. Brandon Kohn, Eileen Kraemer, Delbert Hart, and David Miller. A sensory-motor approach to the specification of monitoring and steering interactions with distributed systems. In *Proceedings of 12th IASTED International Conference on Parallel and distributed Computing*, pages 188–196, 11 2000

23. Delbert Hart, Eileen Kraemer, and Gruia-Catalin Roman. Consistency considerations in the interactive steering of computations. *International Journal of Parallel and Distributed Systems and Networks*, 2(3):171–179, 1999

24. Delbert Hart and Eileen Kraemer. Agent roles in snapshot assembly. In *Proceedings of Principles of Parallel and Distributed Techniques and Applications*, pages 691–697, 6 1999

Refereed articles (continued)

25. Eileen Kraemer, Delbert Hart, and Gruia-Catalin Roman. Balancing consistency and lag in transaction-based computational steering. In *Proceedings of Thirty-First Annual Hawaii International Conference on System Sciences*, pages 137–146, 1 1998

26. Delbert Hart, Eileen Kraemer, and Gruia-Catalin Roman. Interactive visual exploration of distributed computations. In *Proceedings of 11th International Parallel Processing Symposium*, pages 121–127, 4 1997

27. Gruia-Catalin Roman, Delbert Hart, and Charles Calkins. Visual presentation of software specifications and designs. In *Proceedings of the Eighth International Workshop on Software Specification and Design*, pages 115–124, 3 1996

Book Chapter

1. Xin Zheng and Delbert Hart. Using ontologies in mobile surveyor. In *Ontologies: A Handbook of Principles, Concepts and Applications in Information Systems*, pages 865–886, 2007

Refereed Short Papers / Posters

1. Delbert Hart. Automating paper-based peer reviews. *Journal of Computing Sciences in Colleges*, 39(8), 2024

2. Delbert Hart. Evaluating peer reviews of writing using fault injection. *Journal of Computing Sciences in Colleges*, 27(6):65–67, 2012

3. Delbert Hart. Improving software process adherence in capstone courses. In *Consortium for Computing Sciences in Colleges — Northeastern Region*, 4 2009

4. Tobin Jackson and Delbert Hart. Data decoys for confidentiality: Matrix multiplication. In *ACM-SE 42: Proceedings of the 42nd annual Southeast regional conference*, pages 307–308, 4 2004

5. Delbert Hart, Mihael Tudoreanu, and Eileen Kraemer. Mobile agents for monitoring distributed computations. In *Proceedings of 5th International Conference on Autonomous Agents*, pages 232–233, 5 2001

6. Gruia-Catalin Roman and Delbert Hart. Exploratory visualization. In *SIGSOFT Softw. Eng. Notes*, volume 25, pages 76–77, 2000

7. Delbert Hart and Eileen Kraemer. An agent-based perspective on distributed monitoring and steering. In *2nd SIGMETRICS Symposium on Parallel and Distributed Tools*, pages 151–151, 8 1998

8. Delbert Hart and Charles Calkins. Visual communication of formal design properties - a case study. In *Proceedings of Symposium on Visual Languages*, pages 180–181, 10 1994

Refereed Workshop

1. Delbert Hart. Developing with google apps. SUNY Conference on Information Technology 2016, May 2016

Refereed Tutorials

1. Delbert Hart. Using the cloud as middleware: tutorial presentation. *Journal of Computing Sciences in Colleges*, 30(6):64–66, April 2015

2. Delbert Hart. Digital forensics using linux. In *SUNY Conference on Instructional Technology 2010*, May 2010

3. Delbert Hart. A survey of source code management tools for programming courses. In *Journal of Computing Sciences in Colleges*, volume 24, pages 113–114, 6 2009

Refereed Demonstrations

1. Delbert Hart. Easy authentication for student web applications. *Journal of Computing Sciences in Colleges*, 28(6):132–133, 2013

2. Delbert Hart. Psuzzle: web-based introduction to programming practice: demonstration. *Journal of Computing Sciences in Colleges*, 25(6):76–77, 2010

Refereed Presentations

1. Delbert Hart. Writing assessment using an online peer review system. SUNY Conference on Information Technology 2013, May 2013

2. Delbert Hart. Javascript/svg as an open source alternative to flash. In *SUNY Conference on Instructional Technology 2010*, May 2010

3. Delbert Hart. Teaching programming in cs0 using graduated programming. In *Conference on Instructional Technologies*, 4 2007

Non-Refereed Presentations

1. Delbert Hart. The ethics of ai. Institute for Ethics in Public Life forum, May 2024

2. Delbert Hart;Endalkachew Abebe; Shanthan Channapareddy; Hallie Hurwitz; Lukas McIntosh. Erasing hate with technology. Social Justice Teach-In / Black Solidarity Day, November 2023

3. Bridget Haina; Delbert Hart; S. Rao; Daniel Lake. Integrating ai into our lives: Misinformation and privacy rights. Social Justice Teach-In / Black Solidarity Day, November 2023

4. Delbert Hart. Mission restriction. Shine-On: Raising Resilient Kids Workshop for Parents, May 2023

5. Bridget Haina; Delbert Hart; S. Rao. Social media's impact on politics. Social Justice Teach-In / Black Solidarity Day, November 2022

6. Delbert Hart. Sources of algorithmic bias. SUNY Plattsburgh Many Faces of Social Justice, February 2019

Non-Refereed Poster

1. Delbert Hart. Cloud technologies for education. SUNY Conference on Information Technology 2016, June 2016

Invited Talks

1. Delbert Hart. Digital combat exercises. SouthEast Software Engineering Conference, March 2005

2. Delbert Hart. Mobile monitoring. University of Alabama in Birmingham, Computer Science Department, April 2003

3. Delbert Hart. Distributed monitoring. Microsoft Research, Programmer Productivity Research Center, 2000

Recent
Software

1. Delbert   Hart.   Cybersecurity   exercise   framework.
   https://github.com/DelHart/cybersecurityexercises, 2021.
   Source Lines of Code: 576 (Perl), 208 (Javascript)
   Languages: Perl, Javascript
   Source code for a web application that supports custom cybersecurity exercises

2. Delbert Hart. Simulated zero. https://github.com/DelHart/jupyterriskassessment,
   2019. Languages: JupyterNotebook, Python
   Code to create easy risk assessments and database drivers

3. Delbert   Hart.   Major   migration   analysis.
   `https://github.com/DelHart/migration.git`, 2018–2018.
   Source Lines of Code: 1,362
   Languages: Perl, Javascript
   Data analysis of how students migrate between majors during their college
   career. Included as part of the Faculty Senate Resources and Planning Budget
   Book presentation

4. Delbert Hart.   Simulated zero.   https://github.com/DelHart/simulatedzero,
   2016.
   Source Lines of Code: 780
   Languages: Perl, XML
   Code to simulate network vulnerabilities

5. Delbert   Hart.   Computer   science   catalog   parser.
   https://github.com/DelHart/cscourses, 2015.
   Source Lines of Code: 1,717
   Languages: Perl
   Scripts to parse and analyze catalog descriptions of computer science courses
   from SUNY colleges. This is being used for a paper that is under development

6. Delbert   Hart.   Easy   web   authentication.
   `https://github.com/DelHart/easy-web-authentication.git`, 2013.
   Source Lines of Code: 264
   Languages: Perl, XML
   Web application to securely perform authentication on behalf of an untrusted
   program (e.g., student projects)

7. Delbert   Hart.   Web   writing   review   tool.
   `https://github.com/DelHart/Web-Writing-Review-Tool.git`, 2011–2014.
   Source Lines of Code: 4,417
   Languages: Perl, Javascript
   Web application to support peer review by creating modified versions of student
   submitted works. Also supports anonymous reviews and has a built in editor

Research Support	**Monitoring Mobile Devices** University of Alabama in Huntsville ($6,500)	Spring 2001-Fall 2001
	Query-Based Visualization: Supporting the Monitoring of Large Distributed Systems Boeing Fellowship (approx. $70,000)	June 1998 - June 2000

	name	role	start	end
University Service				
	Faculty Senate			
	Curriculum and Programs	member	Fall 2022	Spring 2023
	Academic Policies	member	Fall 2020	Spring 2022
	Resources and Planning	member	Fall 2018	Spring 2020
	Senate	member	Fall 2009	Summer 2018
	Senate	chair	Fall 2016	Summer 2018
	Academic Policies	member	Fall 2014	Spring 2016
	Resources and Planning	chair	Fall 2010	Spring 2013
	Resources and Planning	member	Fall 2009	Spring 2010
	Ad Hoc Bylaws Revision	chair	Fall 2021	Spring 2023
	Faculty Bylaws Officer	elected	Fall 2019	Spring 2023
	University Committees			
	Robotics Curriculum Oversight Committee	member	Spring 2016	present
	New Faculty Mentor	mentor	Fall 2023	Spring 2024
	Arts & Sciences Courses and Programs	member	Fall 2022	Spring 2023
	New Faculty Mentor	mentor	Fall 2021	Spring 2022
	Teaching, Learning, Technology Advisory Group	member	Fall 2021	Fall 2022
	Leading for Change	member	Fall 2020	Fall 2022
	Information Technology Advisory Committee	member	Fall 2009	Fall 2022
	Information Security Committee	member	Summer 2007	Fall 2022
	Middle States Self Study	co-chair	Fall 2019	Spring 2022
	General Education Subcommittee for Program Stucture	member	Summer 2019	Summer 2019
	Center for Teaching Excellence Task Force	member	Spring 2013	Spring 2018
	MiddleStates Periodic Review Group 3	member	Fall 2015	Summer 2016
	Internet Service Provider Evaluation	member	Spring 2016	Spring 2016
	Budget Advisory Committee	member	Fall 2014	Spring 2015
	Academic Programs Rubric Committee	member	Winter 2014	Winter 2015
	Academic Programs Planning Committee	member	Fall 2014	Fall 2014
	Planning Integration Task Force	member	Fall 2011	Spring 2012
	Strategic Planning Task Force	member	Fall 2010	Fall 2011

University
Service
(continued)

name	role	start	end
University Commitees (continued)			
College Planning Council	member	Fall 2010	Spring 2011
MiddleStates Planning and Assessment Working Group	member	Fall 2010	Spring 2011
Gen Ed Critical Thinking Assessment	member	Fall 2010	Fall 2010
Portal Content Group	member	Spring 2006	Spring 2006
Campus Plan			
Action Plan (Continuous Improvement)	convener	Fall 2012	Spring 2013
Campus Plan Group	member	Summer 2012	Spring 2013
Campus Plan Writing Group	member	Summer 2012	Fall 2012
Academic Planning Group	member	Spring 2012	Spring 2012
Strategic Planning Group	member	Spring 2012	Spring 2012
Au Sable Hall Construction			
Computer Science Liason		Spring 2009	Spring 2013
Steering Committee	member		
Design Committee	member		
Furniture Committee	member		
Technology Committee	member		
Search Committees			
Construction Site Representative	equity advocate	Spring 2022	Fall 2022
Business and Economics Dean	member	Fall 2014	Spring 2015
Arts and Science Dean	member	Fall 2012	Spring 2013
Network Technician	member	Fall 2009	Spring 2010
Management Info. Systems Asst Prof	member	Fall 2007	Spring 2008
External Review Groups			
Mathematics	member	Spring 2016	Spring 2017
Expeditionary Studies	member	Fall 2016	Fall 2017
History	member	Fall 2015	Spring 2016

	name	role	start	end
Departmental Service				
	Search Committees			
	Computer Science Lecturer	chair	Spring 2023	Summer 2023
	Computer Science Asst Prof	chair	Fall 2022	Spring 2023
	Computer Science Lecturer	chair	Fall 2017	Spring 2018
	Computer Science Lecturer	chair	Fall 2015	Spring 2016
	Computer Science Visit Lecturer	chair	Summer 2015	Summer 2015
	Computer Science Asst Prof	chair	Fall 2013	Spring 2014
	Computer Science Asst Prof	chair	Fall 2012	Spring 2013
	Computer Science Visit Asst Prof	chair	Summer 2012	Summer 2012
	Computer Science Asst Prof	chair	Fall 2011	Spring 2012
	Computer Science Asst Prof	member	Fall 2008	Spring 2009
	Peer Review Group			
		chair	Spring 2014	Spring 2016
	Other			
	CRA CS Education Study	liason	Spring 2010	Fall 2023
	Computing Club	advisor	Fall 2013	Fall 2013
	Programming Team	coach	Spring 2019	Spring 2019
	Programming Team	coach	Spring 2012	Spring 2012
	Programming Team	coach	Spring 2008	Spring 2008

	name	role	start	end
Professional Service	CCSCNE	Board Member	Fall 2022	present
	CCSCNE	webmaster	Spring 2022	present
	CCSCNE Programming Contest	coordinator	Fall 2009	present
	CCSCNE Program Committee	member	Fall 2009	present
	UAH ACM	advisor	Fall 2004	Spring 2006
	UAH .NET	advisor	Spring 2002	Spring 2002
	UAH ACM programming team	coach	Fall 2000	Fall 2000
	South East Software Engineering Conference Planning Committee	member	2002	2004
	South East Software Engineering Conference Emerging Technology Session	chair	2002	2003

External Reviews			
Full Professor Review	SUNY school	Fall 2021	Winter 2021
Full Professor Review	non-SUNY school	Summer 2021	Summer 2021

Reviewer for various conferences
Reviewer for various journals

Award   2013 - 2014 SUNY Chancellor's Award for Excellence in Faculty Service