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EDUCATION

- 1994 – 1999 Doctor of Philosophy in Computer Science
University of Colorado, Boulder
Dissertation Title: *A Reusable, Distributed Repository for Configuration Management Policy Programming*
- 1989 – 1994 Master and Bachelor of Science in Business-Oriented Computer Science
Erasmus University, Rotterdam, Netherlands
Thesis Title: *Parallel Global Optimization of Proteins*

EMPLOYMENT

- 2000 – Present University of California, Irvine, Donald Bren School of Information and Computer Sciences, Department of Informatics
Position (2005 – present): *Associate Professor*
Position (2000 – 2005): *Assistant Professor*
- 1993 – 1999 University of Colorado, Boulder, Department of Computer Science
Position (1994 – 1999): *Graduate Research Assistant*
Position (1993 – 1994): *Professional Research Assistant*
- Summer 1995 AT&T Bell Laboratories, Murray Hill, NJ
Position: *Intern*
- 1992 – 1993 Van Buuren-Van Swaay, B.V., Zoetermeer, Netherlands
Position: *Intern*
- 1991 – 1993 Erasmus University, Rotterdam, Netherlands, Department of Computer Science
Position: *Teaching Assistant*

REFEREED JOURNAL PUBLICATIONS

- J.11 L.P.G. Murta, A. van der Hoek, and C.M.L. Werner, *Continuous and Automated Evolution of Architecture-to-Implementation Traceability Links*, Automated Software Engineering Journal, 15(1):2008, pages 75–107.
- J.10 B. Al-Ani, D. Redmiles, A. van der Hoek, M. Alvim, I. Almeida da Silva, N. Mangano, E. Trainer, A. Sarma, *Continuous Coordination within Software Engineering Teams: Concepts and Tool Support*, Journal of Computer Science and Engineering in Arabic, 2008 (to appear).
- J.9 D. Redmiles, A. van der Hoek, B. Al-Ani, T. Hildenbrand, S. Quirk, A. Sarma, R. Silva Filho, C. de Souza, and E. Trainer, *Continuous Coordination: A New Paradigm to Support Globally Distributed Software Development Projects*, Wirtschaftsinformatik, 49:2007, pages S28–S38.
- J.8 J. Estublier, D. Leblang, G. Clemm, R. Conradi, A. van der Hoek, W. Tichy, and D. Wiborg-Weber, *Impact of the Research Community on the Field of Software Configuration Management*, ACM Transactions on Software Engineering and Methodology, ACM Transactions on Software Engineering and Methodology, 14(4):2005, pages 1–48.
- J.7 E. Oh Navarro and A. van der Hoek, *Software Process Modeling for an Educational Software Engineering Simulation Game*, Software Process Improvement and Practice special issue containing expanded best papers from the Fifth International Workshop on Software Process Simulation and Modeling, 10(3):2004, pages 311–325.
- J.6 E. Dashofy, A. van der Hoek, and R.N. Taylor, *A Comprehensive Approach for the Development of XML-Based Software Architecture Description Languages*, ACM Transactions on Software Engineering and Methodology, 14(2):2005, pages 199–245.
- J.5 R. Roshandel, A. van der Hoek, M. Mikic-Rakic, N. Medvidovic, *Mae – A System Model and Environment for Managing Architectural Evolution*, ACM Transactions on Software Engineering and Methodology, 13(2):2004, pages 240–276.
- J.4 A. van der Hoek, *Design-Time Product Line Architectures for Any-Time Variability*, Science of Computer Programming special issue on Software Variability Management, 53(30):2004, pages 285–304.
- J.3 A. Baker, E. Oh Navarro, and A. van der Hoek, *An Experimental Card Game for Teaching Software Engineering Processes*, Journal of Systems and Software special issue containing invited and expanded best papers from the 2003 International Conference on Software Engineering & Training, 75:1-2, 2005, pages 3–16.
- J.2 A. van der Hoek and A.L. Wolf, *Software Release Management for Component-Based Software*, Software – Practice and Experience, 33:2003, pages 77–98.
- J.1 A. van der Hoek, A. Carzaniga, D. Heimbigner, and A.L. Wolf, *A Testbed for Configuration Management Policy Programming*, IEEE Transactions on Software Engineering, 28(1):2002, pages 79–99.

EDITED BOOKS

- B.1 I. Mistrik, J. Grundy, J. Whitehead, A. Finkelstein, and A. van der Hoek, *Collaborative Software Engineering*, Springer-Verlag (in progress, to appear 2009).

REFEREED CONFERENCE AND WORKSHOP PUBLICATIONS

- C.75 A. Baker and A. van der Hoek, *An Experience Report on the Design and Delivery of Two New Software Design Courses*, Fortieth ACM Technical Symposium on Computer Science Education, March 2009 (to appear).
- C.74 E. Navarro and A. van der Hoek, *A Multi-Site Evaluation of SimSE, an Educational Software Engineering Simulation Game*, Fortieth ACM Technical Symposium on Computer Science Education, March 2009 (to appear).
- C.73 A. Sarma, D. Redmiles, and A. van der Hoek, *Empirical Evidence of the Benefits of Workspace Awareness in Software Configuration Management*, Sixteenth ACM SIGSOFT International Symposium on the Foundations of Software Engineering, November 2008, 113–123.
- C.72 R. Ripley and A. van der Hoek, *Decisions and Rationale during the Evolution of a Coordination Infrastructure*, Workshop on Infrastructure for Research in Collaborative Software Engineering, November 2008 (electronic proceedings, 4 pages).
- C.71 N. Mangano, A. Baker, M. Dempsey, E. Navarro, and A. van der Hoek, *Calico: A Tool for Early Software Design Sketching*, Workshop on Sketch Tools for Diagramming, September 2008, pages 51–56.
- C.70 N. Mangano, A. Baker, and A. van der Hoek, *Calico: A Prototype Sketching Tool for Modeling in Early Design*, Second International Workshop on Modeling in Software Engineering, May 2008, pages 63–68.
- C.69 G. Bortis and A. van der Hoek, *Software Pre-Patterns as Architectural Knowledge*, Third International Workshop on Sharing and Reusing Architectural Knowledge, May 2008, pages 19–22.
- C.68 S.A. Hendrickson, S. Subramanian, and A. van der Hoek, *Multi-Tiered Design Rationale for Change Set Based Product Line Architectures*, Third International Workshop on Sharing and Reusing Architectural Knowledge, May 2008, pages 41–44.
- C.67 B. Al-Ani, E. Trainer, R. Ripley, A. Sarma, A. van der Hoek, and David Redmiles, *Continuous Coordination within the Context of Cooperative and Human Aspects of Software Engineering*, First International Workshop on Cooperative and Human Aspects of Software Engineering, May 2008, pages 1–4.
- C.66 A. Sarma, G. Bortis, and A. van der Hoek, *Towards Supporting Awareness of Indirect Conflicts across Software Configuration Management Workspaces*, Twenty-second IEEE/ACM International Conference on Automated Software Engineering, November 2007, pages 94–103.
- C.65 A. Sarma, D. Redmiles, and A. van der Hoek, *A Comprehensive Evaluation of Workspace Awareness in Software Configuration Management Systems*, 2007 IEEE Symposium on Visual Languages and Human-Centric Computing, September 2007, 23–26.
- C.64 I. Almeida da Silva, M. Alvim, R. Ripley, A. Sarma, C.M.L. Werner, and A. van der Hoek, *Designing Software Cockpits for Coordinating Distributed Software Development*, First Workshop on Measurement-based Cockpits for Distributed Software and Systems Engineering Projects, August 2007, pages 14–19.
- C.63 E. Oh Navarro and A. van der Hoek, *Comprehensive Evaluation of an Educational Software Engineering Simulation Environment*, Twentieth Conference on Software Engineering Education and Training, July 2007, pages 195–202.
- C.62 R. Ripley, A. Sarma, and A. van der Hoek, *A Visualization for Software Project Awareness and Evolution*, Fourth IEEE International Workshop on Visualizing Software for Understanding and Analysis, June 2007, pages 137–144.

- C.61 S.A. Hendrickson and A. van der Hoek, *Modeling Product Line Architectures through Change Sets and Relationships*, Twenty-ninth International Conference on Software Engineering, May 2007, pages 189–198.
- C.60 I. Almeida da Silva, P. Chen, C. Van der Westhuizen, and A. van der Hoek, *Lighthouse: Coordination through Emerging Design*, OOPSLA Eclipse Technology Exchange Workshop, October 2006, pages 11–15.
- C.59 A. Sarma and A. van der Hoek, *Towards Awareness in the Large*, First International Conference on Global Software Engineering, October 2006, pages 127–131.
- C.58 S.A. Hendrickson, B. Jett, and A. van der Hoek, *Layered Class Diagrams: Supporting the Design Process*, Ninth International Conference on Model Driven Engineering Languages and Systems, October 2006, pages 722–736.
- C.57 L.G.P. Murta, A. van der Hoek, and C.M.L. Werner, *ArchTrace: Policy-Based Support for Managing Evolving Architecture-to-Implementation Traceability Links*, Twenty-first IEEE/ACM International Conference on Automated Software Engineering, September 2006, pages 135–144 (**ACM SIGSOFT Distinguished Paper Award**).
- C.56 Y. Wang, A. Kobsa, A. van der Hoek, and J. White, *PLA-based Runtime Dynamism in Support of Privacy-Enhanced Web Personalization*, Tenth International Software Product Line Conference, August 2006, pages 151–160.
- C.55 L. Xu, S.A. Hendrickson, E. Hettwer, H. Ziv, A. van der Hoek, and D.J. Richardson, *Towards Supporting the Architecture Design Process through Evaluation of Design Alternatives*, Second International Workshop on the Role of Software Architecture for Testing and Analysis, July 2006, pages 38–44.
- C.54 C. Van der Westhuizen, P. Chen, and A. van der Hoek, *Emerging Design: New Roles and Uses for Abstraction*, Workshop on the Role of Abstraction in Software Engineering: Organizational, Managerial and Cognitive Perspectives, May 2006 (electronic proceedings, 6 pages).
- C.53 E. Nistor and A. van der Hoek, *Concern Highlight: A Tool for Concern Exploration and Visualization*, Workshop on Linking Aspect Technology and Evolution, March 2006 (electronic proceedings, 5 pages).
- C.52 D. Carrington, A. Baker, and A. van der Hoek, *It's All in the Game: Teaching Software Process Concepts*, Frontiers in Education, October 2005, pages T1A1–T1A6.
- C.51 E. Nistor, J. Erenkrantz, S. Hendrickson, and A. van der Hoek, *ArchEvol: Versioning Architectural-Implementation Relationships*, Twelfth International Workshop on Software Configuration Management, September 2005, pages 99–111.
- C.50 J.C. Georgas, A. van der Hoek, and R.N. Taylor, *Architectural Runtime Configuration Management in Support of Dependable Self-Adaptive Software*, Workshop on Architecting Dependable Systems, May 2005, pages 48–53.
- C.49 T. Birkhölzer, E. Oh Navarro, and A. van der Hoek, *Teaching by Modeling instead of by Models*, Sixth International Workshop on Software Process Simulation and Modeling, May 2005 (electronic proceedings, 4 pages).
- C.48 A. van der Hoek, D.G. Kay, and D.J. Richardson, *A B.S. Degree in Informatics: Contextualizing Software Engineering Education*, Twenty-seventh International Conference on Software Engineering (Education Track), May 2005, pages 641–642.
- C.47 E. Oh Navarro and A. van der Hoek, *Scaling up: How Thirty-two Students Collaborated and Succeeded in Developing a Prototype Software Design Environment*, Eighteenth Conference on Software Engineering Education & Training, February 2005, pages 155–162.

- C.46 E. Oh Navarro and A. van der Hoek, *Design and Evaluation of an Educational Software Process Simulation Environment and Associated Model*, Eighteenth Conference on Software Engineering Education & Training, February 2005, pages 25–32.
- C.45 D.G. Kay, A. van der Hoek, and D.J. Richardson, *Informatics: A Focus on Computer Science in Context*, SIGCSE 2005 Technical Symposium on Computer Science Education, February 2005, pages 551–555.
- C.44 A. Sarma, A. van der Hoek, and L.-T. Cheng, *A Need-Based Collaboration Classification Framework*, Workshop on Eclipse as a Vehicle for CSCW Research, November 2004, pages 16–20 (also available as IBM Technical Report RC23339).
- C.43 R. Ripley, R. Yasui, A. Sarma, and A. van der Hoek, *Workspace Awareness in Application Development*, OOPSLA Eclipse Technology Exchange Workshop, October 2004, pages 17–21.
- C.42 A. Baker, P. Chen, C. Van der Westhuizen, and A. van der Hoek, *A Call for the Use of Display Technology to Support Software Development*, Workshop on Ubiquitous Display Environments, September 2004.
- C.41 E. Oh Navarro and A. van der Hoek, *SimSE: An Interactive Simulation Game For Software Engineering Education*, IASTED Conference on Computers and Advanced Technology in Education, August 2004, pages 12–17 (**nominated for best paper**).
- C.40 A. van der Hoek, D. Redmiles, P. Dourish, A. Sarma, R. Silva Filho, and C. de Souza, *Continuous Coordination: A New Paradigm for Collaborative Software Engineering Tools*, Workshop on Directions in Software Engineering Environments, May 2004, pages 29–36.
- C.39 A. Sarma and A. van der Hoek, *A Conflict Detected Earlier is a Conflict Resolved Easier*, Fourth Workshop on Open Source Software Engineering, May 2004, pages 82–86.
- C.38 E. Oh Navarro and A. van der Hoek, *Software Process Modeling for an Interactive, Graphical, Educational Software Engineering Simulation Game*, Fifth International Workshop on Software Process Simulation and Modeling, May 2004, pages 171–176.
- C.37 C. Lüer and A. van der Hoek, *JPlay: User-Centric Deployment Support in a Component Platform*, Second International Working Conference on Component Deployment, May 2004, pages 190–204.
- C.36 R. van der Lingen and A. van der Hoek, *An Experimental, Pluggable Infrastructure for Modular Configuration Management Policy Composition*, Twenty-Sixth International Conference on Software Engineering, May 2004, pages 573–582.
- C.35 A. Baker, E. Oh Navarro, and A. van der Hoek, *Teaching Software Engineering using Simulation Games*, International Conference on Simulation in Education, January 2004, pages 9–14.
- C.34 M. Critchlow, K. Dodd, J. Chou, and A. van der Hoek, *Refactoring Product Line Architectures*, First International Workshop on Refactoring: Achievements, Challenges, and Effects, November 2003, pages 23–26.
- C.33 A. Sarma and A. van der Hoek, *Visualizing Parallel Workspace Activities*, IASTED International Conference on Software Engineering and Applications, November 2003, pages 435–440.
- C.32 P. Chen, M. Critchlow, A. Garg, C. Van der Westhuizen, and A. van der Hoek, *Differencing and Merging within an Evolving Product Line Architecture*, Fifth International Workshop on Product Family Engineering, November 2003, pages 269–281.
- C.31 A. Garg, M. Critchlow, P. Chen, C. Van der Westhuizen, and A. van der Hoek, *An Environment for Managing Evolving Product Line Architectures*, International Conference on Software Maintenance 2003, September 2003, pages 358–367.

- C.30 A. van der Hoek, E. Dincel, and N. Medvidovic, *Using Service Utilization Metrics to Assess the Structure of Product Line Architectures*, Ninth IEEE Software Metrics Symposium, September 2003, pages 298–308.
- C.29 R. van der Lingen and A. van der Hoek, *Dissecting Configuration Management Policies*, Software Configuration Management: ICSE Workshops SCM 2001 and SCM 2003 Selected Papers, May 2003, pages 177–190.
- C.28 S. Sowrirajan and A. van der Hoek, *Managing the Evolution of Distributed and Inter-related Components*, Software Configuration Management: ICSE Workshops SCM 2001 and SCM 2003 Selected Papers, May 2003, pages 217–230.
- C.27 H. Muccini and A. van der Hoek, *Towards Testing Product Line Architectures*, International Workshop on Test and Analysis of Component Based Systems, April 2003, pages 111–121.
- C.26 A. Baker, E. Oh Navarro, and A. van der Hoek, *Problems and Programmers: An Educational Software Engineering Card Game*, Twenty-fifth International Conference on Software Engineering, May 2003, pages 614–619.
- C.25 A. Sarma, Z. Noroozi, and A. van der Hoek, *Palantír: Raising Awareness among Configuration Management Workspaces*, Twenty-fifth International Conference on Software Engineering, May 2003, pages 444–453.
- C.24 A. Baker, E. Oh Navarro, and A. van der Hoek, *An Experimental Card Game for Teaching Software Engineering*, Sixteenth International Conference on Software Engineering Education and Training, March 2003, pages 216–223 (**selected as one of best papers, leading to J.3**).
- C.23 E. Dashofy, A. van der Hoek, and R.N. Taylor, *Towards Architecture-Based Self-Healing Systems*, First ACM SIGSOFT Workshop on Self-Healing Systems, November 2002, pages 21–26.
- C.22 P. Dourish and A. van der Hoek, *Émigré: Metalevel Architecture and Migratory Work*, Fourth International Symposium on Human Computer Interaction with Mobile Devices, September 2002, pages 281–285.
- C.21 C. Van der Westhuizen and A. van der Hoek, *Understanding and Propagating Architectural Changes*, Third Working IEEE/IFIP Conference on Software Architecture, August 2002, pages 95–109.
- C.20 A. Sarma and A. van der Hoek, *Palantír: Coordinating Distributed Workspaces*, Workshop on Cooperative Supports for Distributed Software Engineering Processes, August 2002, pages 1093–1097.
- C.19 E. Dashofy, A. van der Hoek, and R.N. Taylor, *An Infrastructure for the Rapid Development of XML-Based Architecture Description Languages*, Twenty-fourth International Conference on Software Engineering, May 2002, pages 266–276.
- C.18 A. Sarma and A. van der Hoek, *Palantír: Increasing Awareness in Distributed Software Development*, 2002 ICSE Workshop on Global Software Development, May 2002, pages 28–32.
- C.17 A. van der Hoek, *Integrating Configuration Management and Software Deployment*, Working Conference on Complex and Dynamic Systems Architecture, December 2001, pages 230–233.
- C.16 E. Dincel, N. Medvidovic, and A. van der Hoek, *Measuring Product Line Architectures*, Fourth International Workshop on Product Family Engineering, October 2001, pages 346–352.
- C.15 E. Dashofy and A. van der Hoek, *Representing Product Family Architectures in an Extensible Architecture Description Language*, Fourth International Workshop on Product Family Engineering, October 2001, pages 330–341.
- C.14 A. van der Hoek, M. Mikic-Rakic, R. Roshandel, and N. Medvidovic, *Taming Architectural Evolution*, Eighth European Software Engineering Conference with the Ninth International Symposium on the

- Foundations of Software Engineering, September 2001, pages 1–10 (**selected as one of best papers, leading to J.5**).
- C.13 E. Dashofy, A. van der Hoek, and R.N. Taylor, *A Highly-Extensible, XML-Based Architecture Description Language*, Working IEEE/IFIP Conference on Software Architecture, September 2001, pages 103–112.
- C.12 C. Lüer, D. Rosenblum, and A. van der Hoek, *The Evolution of Software Evolvability*, International Workshop on the Principles of Software Evolution, September 2001, pages 131–134.
- C.11 E. Oh and A. van der Hoek, *Adapting Game Technology to Support Individual and Organizational Learning*, 2001 International Conference on Software Engineering and Knowledge Engineering, June 2001, pages 347–354.
- C.10 E. Oh and A. van der Hoek, *Challenges in Using an Economic Cost Model for Software Engineering Simulation*, Third International Workshop on Economics-Driven Software Engineering Research, May 2001, pages 45–49 (reprinted in *Projects & Profits*, 4 (8), pages 43–50).
- C.9 A. van der Hoek, *Capturing Product Line Architectures*, Fourth International Software Architecture Workshop, June 2000, pages 95–99.
- C.8 A. van der Hoek, *Configuration Management and Open Source Projects*, Third Workshop on Software Engineering over the Internet, June 2000, pages 41–45.
- C.7 A. van der Hoek, D. Heimbigner, and A.L. Wolf, *Versioned Software Architecture*, Third International Software Architecture Workshop, November 1998, pages 73–76.
- C.6 A. van der Hoek, D. Heimbigner, and A.L. Wolf, *System Modeling Resurrected*, Eighth International Symposium on System Configuration Management, July 1998, pages 140–145.
- C.5 A. van der Hoek, R.S. Hall, D. Heimbigner, and A.L. Wolf, *Software Release Management*, Sixth European Software Engineering Conference with the Fifth ACM SIGSOFT Symposium on the Foundations of Software Engineering, September 1997, pages 159–175.
- C.4 R.S. Hall, D. Heimbigner, A. van der Hoek, and A.L. Wolf, *An Architecture for Post-Development Configuration Management in a Wide Area Network*, Seventeenth International Conference on Distributed Computing Systems, May 1997, pages 269–278.
- C.3 A. van der Hoek, D. Heimbigner, and A.L. Wolf, *A Generic, Peer-to-Peer Repository for Distributed Configuration Management*, Eighteenth International Conference on Software Engineering, March 1996, pages 308–317.
- C.2 A. van der Hoek, D. Heimbigner, and A.L. Wolf, *Does Configuration Management Have a Future?*, Software Configuration Management: ICSE SCM–4 and SCM–5 Workshops Selected Papers, May 1995, pages 305–309.
- C.1 R.H. Byrd, E. Eskow, A. van der Hoek, R.B. Schnabel, and K.P.B. Oldenkamp, *A Parallel Global Optimization Method for Solving Molecular Cluster and Polymer Conformation Problems*, Seventh SIAM Conference on Parallel Processing for Scientific Computing, February 1995, pages 72–77.

BOOK CHAPTERS

- BC.4 E. Navarro and A. van der Hoek, *On the Role of Learning Theories in Furthering Software Engineering Education*, H.J.C. Ellis, S.A. Demurjian, and J.F. Naveda (Eds), *Software Engineering: Effective Teaching and Learning Approaches and Practices*, IGI Global, pages 38–59.

- BC.3 R.N. Taylor and A. van der Hoek, *Software Design and Architecture: The Once and Future Focus of Software Engineering*, L. Briand and A.L. Wolf (Eds), Future of Software Engineering 2007, IEEE Computer Society Press, May 2007, 226–243.
- BC.2 A. van der Hoek, D.G. Kay, and D.J. Richardson, *Informatics: A Novel, Contextualized Approach to Software Engineering Education*, P. Inverardi and M. Jazayeri (Eds), Software Engineering Education in the Modern Age: Challenges and Possibilities, PostProceedings of ICSE '05 Education and Training Track, Lecture Notes in Computer Science 4309, Springer, November 2006, pages 147–165.
- BC.1 R.H. Byrd, E. Eskow, A. van der Hoek, R.B. Schnabel, C.-S. Shao, and Z. Zou, *Global Optimization Methods for Protein Folding Problems*, DIMACS Series in Discrete Mathematics and Theoretical Computer Science – Global Minimization of Nonconvex Energy Functions: Molecular Conformation and Protein Folding, 1995, pages 29–39.

OTHER PUBLICATIONS

- O.22 B. Al-Ani, D. Redmiles, and A. van der Hoek, *Sense-Making and Mindfulness of Interdependencies in Virtual Organizations*, CSCW Workshop on Supporting Distributed Team Work, November 2008.
- O.21 E. Navarro and A. van der Hoek, *SimSE: A Simulation Approach to Teaching Software Engineering Processes*, NSF Grantees Poster Session, August 2008.
- O.20 A. Sarma, J. Herbsleb, and A. van der Hoek, *Challenges in Measuring, Understanding, and Achieving Social-Technical Congruence*, Workshop on Social-Technical Congruence, May 2008 (available as CMU Technical Report CMU-ISR-08-106).
- O.19 N. Mangano, A. Baker, and A. van der Hoek, *ArchTrace: VBoard: A Sketch Based Approach to Abstract Design*, Fourth Eurographics Workshop on Sketch-Based Interfaces and Modeling, August 2007.
- O.18 L.G.P. Murta, A. van der Hoek, and C.M.L. Werner, *ArchTrace: A Tool for Keeping in Sync Architecture and its Implementation*, Twentieth Brazilian Symposium on Software Engineering Tools Session, October 2006, pages 127–132 (**first prize in the tools session, out of 25 accepted tools**).
- O.17 D. Redmiles, A. van der Hoek, A. Sarma, C. de Souza, E. Trainer, S. Quirk, and R. de Paula, *Unifying Formal and Informal Coordination through Continuous Coordination*, Human-Computer Interaction Consortium, 2006 Winter Workshop, February 2006.
- O.16 A. van der Hoek, *Dependability of Component-Based Self-Adaptive Systems*, Twelfth Monterey Workshop – Networked Systems: Realization of Reliable Systems on Top of Unreliable Networked Platforms, September 2005.
- O.15 D.G. Kay, A. van der Hoek, and D.J. Richardson, *Extending Undergraduate CS Programs with Informatics: Emphasizing Software and System Design in Context*, Tenth Annual Conference on Innovation and Technology in Computer Science Education, July 2005, page 367.
- O.14 E. Oh Navarro and A. van der Hoek, *SimSE: An Educational Simulation Game for Teaching the Software Engineering Process*, Ninth Annual Conference on Innovation and Technology in Computer Science Education, June 2004, page 233.
- O.13 C. Lüer and A. van der Hoek, *Architecture-Based Program Compaction*, Online Proceedings of the First Workshop on Reuse in Constrained Environments, October 2003.
- O.12 A. Baker, E. Oh Navarro, and A. van der Hoek, *Introducing Problems and Programmers, an Educational Software Engineering Card Game*, Software Engineering Notes, March 2003, pages 7–8.

- O.11 E. Oh Navarro and A. van der Hoek, *Towards Game-Based Simulation as a Method of Teaching Software Engineering*, Thirty-second ASEE/IEEE Frontiers in Education Conference, November 2002, page S2G-13.
- O.10 J. Estublier, D. Leblang, G. Clemm, R. Conradi, A. van der Hoek, W. Tichy, D. Wiborg-Weber, *Impact of the Research Community on the Field of Software Configuration Management*, Software Engineering Notes, 27(5): 2002, pages 31–39.
- O.9 C. Lüer and A. van der Hoek, *Composition Environments for Deployable Software Components*, Technical Report UCI-ICS-02-18, August 2002.
- O.8 J. Estublier, D. Leblang, G. Clemm, R. Conradi, A. van der Hoek, W. Tichy, D. Wiborg-Weber, *Impact of the Research Community for the Field of Software Configuration Management*, Twenty-fourth International Conference on Software Engineering, May 2002, pages 643–644.
- O.7 A. van der Hoek, *Representing Product Line Architectures*, Online Proceedings of the 2002 Ground Systems Architecture Workshop, March 2002.
- O.6 J. Feller, B. Fitzgerald, and A. van der Hoek, *Open Source Software Engineering*, IEE Proceedings Software, 149(1):2002, pages 1–2.
- O.5 A. van der Hoek, *ICSE 2002 Workshop on Software Configuration Management*, ACM Software Engineering Notes, November 2001, page 57.
- O.4 J. Feller, B. Fitzgerald, and A. van der Hoek, *Making Sense of the Bazaar: First Workshop on Open Source Software Engineering*, ACM Software Engineering Notes, November 2001, pages 51–52.
- O.3 E. Oh and A. van der Hoek, *Teaching Software Engineering through Simulation*, Online Proceedings of the Workshop on Education and Training, July 2001.
- O.2 A. van der Hoek, *A Generic, Distributed Repository for Configuration Management Policy Programming (Ph.D. Dissertation)*, January 2000, 262 pages.
- O.1 K.K. Gifford, M. Deeds, A. van der Hoek, F. Henning, J. Freeman, G. Haussman, S. Kuzminskiy, and S. Stoller, *Robocar: Software, Hardware, and Mechanical Design Issues for the University of Colorado Autonomous Rover Vehicle*, SPIE Photonics East'95 Symposium, October 1995, pages 228–238.

FUNDING

- G.26 NSF CISE – Workshop Proposal: Studying Experts Engaged in Early Software Design (sole PI), with a budget of \$68,793.
- G.25 Various UCI – one Smith Faculty Seed Funding and one Bren School COCCLR (sole PI), with a budget of \$8,700.
- G.24 Accenture – An Accenture–UC Irvine Research Partnership in Coordination Technology (lead PI with co-PIs Walt Scacchi, David Redmiles, and Ban Al-Ani), with a budget of \$50,000.
- G.23 UC MEXUS-CONACYT – A methodology and language for designing aspect-oriented software product lines (sole PI), with a budget of \$9,000.
- G.22 Intel – Investigating Advanced Concepts, Techniques, and Tools for Visualizing Socio-Technical Interaction Networks (co-PI with lead PI Walt Scacchi and co-PIs David Redmiles and Ban Al-Ani), with a budget of \$44,600.

- G.21 Hitachi Software Engineering Co., Ltd. – A Hitachi–UC Irvine Partnership in Display and Interaction Intensive Visualizations for Software Engineering Research, Practice, and Education (lead PI with co-PIs David Redmiles, Walt Scacchi, and Ban Al-Ani), with a budget of \$8,500.
- G.20 HP Teaching for Technology Grant Initiative – Learning How to Design Software as Software Should Be Designed: A Studio-like, Collaborative Approach to Software Design Education (lead PI with co-PIs David Redmiles, David Kay, and De Gallow), with a budget of \$68,000.
- G.19 NSF DUE – SimSE: Expanding a Proof-of-Concept Software Engineering Simulation Environment into a Comprehensive Classroom Approach for Educating Students in the Software Development Process (sole PI), with a budget of \$450,000.
- G.18 UC Irvine Donald Bren School of Information and Computer Sciences CRIA – Acquisition of an Interactive Whiteboard to Jumpstart Research in High-Tech Software Engineering (lead PI with co-PIs D.F Redmiles and F. Kuester), with a budget of \$19,500.
- G.17 NSF CISE – Student Travel Support for ACM SIGSOFT 2006/FSE 14 Inspirations: A Ph.D. Orientation for Undergraduate and M.S. Students (lead PI with co-PI T. Humphries), with a budget of \$10,000.
- G.16 NSF DUE – EASEL: Improving Software Design Education with A Layered Design Environment (sole PI), with a budget of \$125,000.
- G.15 IBM Technology Fellowship – Dual Monitor Side-by-Side Eclipse Views for Team Coordination (sole PI), with a budget of \$50,000.
- G.14 NSF IIS – Unifying Formal and Informal Collaboration through Continuous Coordination (co-PI with lead PI D. Redmiles), with a budget of \$681,402.
- G.13 NSF ATE – Collaborative Project: C-SPIRIT: Coastline – Seamless Articulation Program for Informatics Recruitment and Intersegmental Transfer (lead PI with co-PI D. Richardson), with a budget of \$133,570.
- G.12 IBM Innovation Grant – Lighthouse: Improving Team Coordination through an Eclipse Plug-In for Emerging Design-Based Awareness (sole PI), with a budget of \$27,000.
- G.11 NASA JPL – An Extensible Architectural Technology for Managing Complex Space Data Systems (co-PI with lead PI Richard N. Taylor and co-PI Neno Medvidovic), with a budget of \$40,000.
- G.10 Boeing – Software Architecture-based Development of Product Lines for the Tactical Radio Domain (co-PI with lead PI Richard N. Taylor and co-PI Neno Medvidovic), with a budget of \$107,500.
- G.9 NSF DUE – SimSE: An Educational Simulation Game for Teaching Software Engineering Processes (sole PI), with a budget of \$74,294.
- G.8 IBM Eclipse Innovation Grant – Palantír-Eclipse: Improving Developer Coordination in Software Engineering Courses (sole PI), with a budget of \$25,000.
- G.7 U.S. Department of Education – A Bachelor of Science in Informatics: Establishing an Engaging, Problem-Based, Creativity-Oriented Computer Science Undergraduate Degree Program (lead PI with co-PI D. Richardson), with a budget of \$448,303.
- G.6 Various UCI – one faculty desktop innovation grant, one CORCLR, three UROP, four SURP, two faculty research and travel grants (co-PI and advisor), with a total budget of \$27,791.
- G.5 NSF ITR – An Integrated Social and Technical Approach to the Development of Distributed, Inter-Organizational Applications (co-PI with lead PI R.N. Taylor and co-PIs P. Dourish, A. Kobsa, G. Mark, D. Redmiles, D. Richardson, W. Scacchi), with a budget of \$1,800,000.

- G.4 NSF CAREER – Continuous Configuration Management of Component-Based Software (sole PI), with a budget of \$294,942.
- G.3 AFOSR – Specification and Dynamic Checking of Composition Constraints in Distributed Component-Based Systems (sole PI, replacing on leave PI D. Rosenblum), with a budget of \$34,000.
- G.2 DARPA DASADA – Gauging the Reconfigurability of Component-Based Systems (sole PI on subcontract from University of Colorado, Boulder), with a budget of \$58,634.
- G.1 DARPA DASDA – Proteus: Assessment and Adaptation through Dynamic Architecture Technology (co-PI with lead PI R.N. Taylor and co-PI D. Redmiles), with a budget of \$1,400,000.

PRESENTATIONS

- P.65 November 2008, *Workshop on Infrastructure for Research in Collaborative Software Engineering*, Atlanta, GA
- P.64 November 2008, *Software Engineering Educators Symposium*, Atlanta, GA (**invited tutorial**)
- P.63 October 2008, *Open University*, Milton Keynes, United Kingdom
- P.62 July 2008, *CRA Conference at Snowbird panel on Innovative Undergraduate Curricula*, Snowbird, UT
- P.61 April 2008, *Software Engineering Workshop: Bridging the Gap: Knowledge transfer and exchange of software engineering best practices used in the industry and taught by academia*, Fullerton, CA
- P.60 March 2008, *Federal University of Rio de Janeiro*, Rio de Janeiro, Brazil
- P.59 November 2007, *CWI*, Amsterdam, Netherlands
- P.58 October 2007, *ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages and Applications Birds of a Feather Session on IBM Jazz*, Montreal, Canada
- P.57 October 2007, *IBM*, Hawthorne, NY
- P.56 August 2007, *First Workshop on Measurement-based Cockpits for Distributed Software and Systems Engineering Projects*, Munich, Germany
- P.55 June 2007, *Fourth IEEE International Workshop on Visualizing Software for Understanding and Analysis*, Banff, Canada
- P.54 April 2007, *Accenture Research Labs*, Chicago, IL
- P.53 March 2007, *Coastline Community College*, Garden Grove, CA
- P.52 October 2006, *First International Conference on Global Software Engineering*, Florianopolis, Brazil
- P.51 September 2006, *CIMAT*, Guanajuato, Mexico
- P.50 August 2006, *Northrup Grumman*, Carson, CA
- P.49 April 2006, *OCTANe@UCI*, Irvine, CA
- P.48 September 2005, *Boeing*, Anaheim, CA

- P.47 September 2005, *Twelfth Monterey Workshop – Networked Systems: Realization of Reliable Systems on Top of Unreliable Networked Platforms*, Laguna Beach, CA
- P.46 June 2005, *University of Kyoto*, Kyoto, Japan
- P.45 June 2005, *Japan Advanced Institute of Science and Technology*, Nomi, Japan
- P.44 June 2005, *Software Symposium*, Toyama, Japan (**keynote**)
- P.43 June 2005, *University of Tokyo*, Tokyo, Japan
- P.42 May 2005, *Twenty-seventh International Conference on Software Engineering*, St. Louis, MO
- P.41 May 2005, *Brea Olinda High School*, Brea, CA
- P.40 March 2005, *Eighteenth Conference on Software Engineering Education & Training*, Ottawa, CA
- P.39 February 2005, *FIPSE Directors Meeting*, Denver, CO
- P.38 November 2004, *FIPSE*, Washington, DC
- P.37 November 2004, *Twelfth ACM SIGSOFT Symposium on the Foundations of Software Engineering*, Newport Beach, CA (**invited tutorial**)
- P.36 November 2004, *Twelfth ACM SIGSOFT Symposium on the Foundations of Software Engineering*, Newport Beach, CA (**invited tutorial**)
- P.35 August 2004, *IBM*, Cambridge, MA
- P.34 May 2004, *Twenty-sixth International Conference on Software Engineering*, Edinburgh, United Kingdom
- P.33 March 2004, *Federal University of Rio de Janeiro*, Rio de Janeiro, Brazil
- P.32 June 2003, *Raytheon*, Anaheim, CA
- P.31 May 2003, *Eleventh International Workshop on Software Configuration Management*, Portland, OR
- P.30 May 2003, *Twenty-fifth International Conference on Software Engineering*, Portland, OR
- P.29 May 2003, *Twenty-fifth International Conference on Software Engineering*, Portland, OR
- P.28 April 2003, *Annual ACDM Conference*, San Diego, CA (invited panel)
- P.27 October 2002, *University of Calgary*, Calgary, Canada
- P.26 September 2002, *Fourth International Symposium on Human Computer Interaction with Mobile Devices*, Pisa, Italy
- P.25 August 2002, *Third Working IEEE/IFIP Conference on Software Architecture*, Montreal, Canada
- P.24 August 2002, *NASA Ames Research Center*, Moffett Field, CA
- P.23 May 2002, *Impact Presentation at the Twenty-fourth International Conference on Software Engineering*, Orlando, FL
- P.22 March 2002, *Jet Propulsion Laboratory*, Pasadena, CA

- P.21 March 2002, *2002 Ground Systems Architecture Workshop*, El Segundo, CA
- P.20 January 2002, *University of Massachusetts*, Amherst, MA
- P.19 December 2001, *Working Conference on Complex and Dynamic Systems Architecture*, Brisbane, Australia
- P.18 November 2001, *University of Colorado, Boulder*, Boulder, CO
- P.17 September 2001, *Eighth European Software Engineering Conference with the Ninth International Symposium on the Foundations of Software Engineering*, Vienna, Switzerland
- P.16 May 2001, *ICS Chairs Advisory Board Meeting*, Irvine, CA
- P.15 February 2001, *Open Group Meeting*, San Jose, CA
- P.14 February 2001, *DARPA DASADA Meeting*, San Jose, CA
- P.13 January 2001, *ICS Research Symposium*, Irvine, CA
- P.12 November 2000, *Conexant*, Irvine, CA
- P.11 May 2000, *Fourth International Software Architecture Workshop*, Limerick, Ireland
- P.10 May 2000, *Third ICSE Workshop on Software Engineering over the Internet*, Limerick, Ireland
- P.9 March 2000, *Annual ACDM Conference*, San Diego, CA (**keynote**)
- P.8 May 1999, *University of California, Irvine*, Irvine, CA
- P.7 February 1999, *Colorado State University*, Fort Collins, CO
- P.6 February 1998, *Philips Research Laboratories*, Eindhoven, Netherlands
- P.5 May 1998, *New Mexico State University*, Las Cruces, NM
- P.4 June 1997, *LSR-IMAG*, France
- P.3 August 1996, *Erasmus University*, Rotterdam, Netherlands
- P.2 March 1995, *University of Denver*, Denver, CO
- P.1 October 1994, *Erasmus University*, Rotterdam, Netherlands

UNDERGRADUATE COURSES TAUGHT

Informatics 43	Informatics Core III
Informatics 44	Seminar in Informatics Research Topics
Informatics 121	Software Design I
Informatics 122	Software Design II
ICS 52	Introduction to Software Engineering
ICS 125	Project in Software System Design
ICS 127	Advanced Software Engineering Project
ICS H198	Honors Research
ICS 199	Individual Study

GRADUATE COURSES TAUGHT

ICS 221	Software Engineering
ICS 223	Software Architecture
ICS 226	Applied Software Design Techniques
ICS 228	Software Environments
ICS 229	Seminar in Software
ICS 280	Special Topics in Information and Computer Science
ICS 290	Research Seminar
ICS 298	Thesis Supervision
ICS 299	Individual Study

GRADUATE STUDENTS ADVISED***Dissertation Committee Chair (Principal Ph.D. Advisor)***

Chris Lüer	Ph.D., 2004, University of California, Irvine
Emily Oh Navarro	Ph.D., 2006, University of California, Irvine
Anita Sarma	Ph.D., 2007, University of California, Irvine
Eugen Nistor	Ph.D., 2008, University of California, Irvine
Alex Baker	Ph.D., expected 2009, University of California, Irvine
Gerald Bortis	Ph.D., expected 2010, University of California, Irvine
Nick Mangano	Ph.D., expected 2011, University of California, Irvine
Nilmax Moura	Ph.D., expected 2012, University of California, Irvine
Tiago Proença	Ph.D., expected 2012, University of California, Irvine

Dissertation Committee Member

Marlon Vieira	Ph.D., 2003, University of California, Irvine
Peter Frölich	Ph.D., 2003, University of California, Irvine
Rohit Khare	Ph.D., 2003, University of California, Irvine
Marco Castaldi	Ph.D., 2004, University of L'Aquila, Italy
Marcio Dias	Ph.D., 2004, University of California, Irvine
Bob Boyer	Ph.D., 2005, University of California, San Diego, CA
Cleudson de Souza	Ph.D., 2006, University of California, Irvine
Christian Stork	Ph.D., 2006, University of California, Irvine
Girish Suryanarayana	Ph.D., 2007, University of California, Irvine
Eric Dashofy	Ph.D., 2007, University of California, Irvine
Tijs van der Storm	Ph.D., 2007, Vrije Universiteit Amsterdam
John Georgas	Ph.D., 2008, University of California, Irvine
Chris Jensen	Ph.D., expected 2009, University of California, Irvine
Roberto Silva-Filho	Ph.D., expected 2009, University of California, Irvine
Karen Cortes Verdin	Ph.D., expected 2009, Centro de Investigación en Matemáticas, Mexico
Yang Wang	Ph.D., expected 2009, University of California, Irvine
Lihua Xu	Ph.D., expected 2009, University of California, Irvine
Leila Naslavsky	Ph.D., expected 2009, University of California, Irvine
Uri Dekel	Ph.D., expected 2009, Carnegie Mellon University, Pittsburgh, PA
Art Hitomi	Ph.D., expected 2009, University of California, Irvine
Scott Hendrickson	Ph.D., expected 2009, University of California, Irvine
Kristina Windbladh	Ph.D., expected 2009, University of California, Irvine

Master's Degrees Supervised (other than Ph.D. students)

Michael Hollis	M.S., 1997, University of Colorado, Boulder
Robert A. Smith	M.S., 1999, University of Colorado, Boulder

Sumita Rao	M.S., 2002, University of California, Irvine
Rob Egelink	M.S., 2002, Erasmus University Rotterdam
Maulik Oza	M.S., 2003, University of California, Irvine
Sundararajan Sowrirajan	M.S., 2003, University of California, Irvine
Roger Ripley	M.S., 2004, University of California, Irvine
Ryan Yasui	M.S., 2004, University of California, Irvine
Ronald van der Lingen	M.S., 2004, Erasmus University Rotterdam
Christopher Van der Westhuizen	M.S., 2006, University of California, Irvine
Ping Chen	M.S., 2006, University of California, Irvine
Isabella Almeida da Silva	M.S., 2008, Federal University of Rio de Janeiro, Brazil
Wouter Buts	M.S., expected 2009, Universiteit Utrecht, Netherlands
Francisco Servant	M.S., expected 2009, University of California, Irvine

SERVICE TO THE RESEARCH COMMUNITY

Editorial Board

ACM Transactions on Software Engineering and Methodology (2008 – present)
Information and Software Technology Journal (2005 – present)

Steering Committee

Software Engineering and Middleware Workshop Series (2004–2006)

Program Chair

ACM SIGSOFT International Symposium on the Foundations of Software Engineering (FSE 2010)
Tenth International Workshop on Software Configuration Management (SCM-10)

Program Co-Chair

Seventh joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering Challenges Track (ESEC/FSE 2009)
IEEE/ACM International Conference on Automated Software Engineering Demo Track (ASE 2009)
Twenty-ninth International Conference on Software Engineering Educational Track (ICSE 2007)
OOPSLA Eclipse Technology Exchange (OOPSLA ETX 2005)
Third International Workshop on Software Engineering and Middleware (SEM 2002)
Ninth International Symposium on System Configuration Management (SCM-9)

Student Programs Chair

Fourteenth ACM Symposium on Foundations of Software Engineering (FSE-14)

Doctoral Symposium Chair

Twenty-sixth International Conference on Software Engineering (ICSE 2004)

Workshops Co-Chair

Twenty-seventh International Conference on Software Engineering (ICSE 2005)
Ninth European Software Engineering Conference and Eleventh ACM SIGSOFT International Symposium on the Foundations of Software Engineering (ESEC-9/FSE-11)

Program Committee Member

Thirty-first International Conference on Software Engineering (ICSE 2009)
Thirty-first International Conference on Software Engineering Doctoral Symposium (ICSE 2009)
Sixteenth ACM SIGSOFT Symposium on the Foundations of Software Engineering (FSE 2008)
Thirtieth International Conference on Software Engineering (ICSE 2008)
Second International Workshop on Variability Modelling of Software Intensive Systems (VaMoS 2008)
First India Software Engineering Conference (ISEC 2008)
Fourteenth Asia-Pacific Software Engineering Conference (APSEC 2007)
Twenty-second IEEE/ACM International Conference on Automated Software Engineering (ASE 2007)

Eleventh European Software Engineering Conference together with the Fifteenth ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2007)
ACM SIGPLAN International Conference on Object-Oriented Programming, Systems, Languages and Applications Onward! Track (OOPSLA 2007)
Sixth Software Product Line Conference (SPLC 2007)
First International Workshop on Variability Modelling of Software Intensive Systems (VaMoS 2007)
Sixth Working IEEE/IFIP Conference on Software Architecture (WICSA 2007)
Fifth Software Product Line Conference (SPLC 2006)
Fifth Software Product Line Conference Doctoral Symposium (SPLYR 2006)
First International Conference on Global Software Engineering (IGCSE 2006)
Nineteenth Conference on Software Engineering Education & Training (CSEE&T 2006)
Component Deployment 2005 (CD 2005)
International Workshop on Distributed Software Development (DISD 2005)
Fifth Working IEEE/IFIP Conference on Software Architecture (WICSA-5)
Twelfth International Workshop on Software Configuration Management (SCM-12)
Fourth Software Product Line Conference (SPLC-4)
CSCW Eclipse as a Vehicle for CSCW Research Workshop (CSCW Eclipse 2004)
Joint 10th European Software Engineering Conference and the 13th ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE 2005)
OOPSLA Eclipse Technology Exchange (OOPSLA ETX 2004)
Twenty-seventh International Conference on Software Engineering Doctoral Symposium (ICSE 2005)
Software Composition Workshop 2005 (SC 2005)
Twenty-seventh International Conference on Software Engineering (ICSE 2005)
Third Workshop on Cooperative Supports for Distributed Software Engineering (CSSE 2004)
Third Software Product Line Conference Doctoral Symposium (SPLYR 2004)
2004 Workshop on Software Variability Management for Product Derivation (SVAMPOD 2004)
2004 Euromicro Workshop on Component-Based Software Engineering (ECBSE 2004)
2004 International Workshop on the Principles of Software Evolution (IWPSE 2004)
Twenty-sixth International Conference on Software Engineering (ICSE 2004)
Twenty-sixth International Conference on Software Engineering Workshops Committee (ICSE 2004)
Third Software Product Line Conference (SPLC-3)
Fourth Working IEEE/IFIP Conference on Software Architecture (WICSA-4)
Seventh International Symposium on Component-Based Software Engineering (CBSE-7)
Twelfth ACM SIGSOFT Symposium on the Foundations of Software Engineering (FSE-12)
Fifth International Workshop on Product Family Engineering (PFE-5)
Twenty-fifth International Conference on Software Engineering Doctoral Symposium (ICSE 2003)
2003 Euromicro Workshop on Component-Based Software Engineering (ECBSE 2003)
Second Workshop on Cooperative Supports for Distributed Software Engineering (CSSE 2003)
Eleventh International Workshop on Software Configuration Management (SCM-11)
Tenth International Symposium on the Foundations of Software Engineering (FSE-10)
Second Software Product Line Conference (SPLC-2)
2002 Euromicro Workshop on Component-Based Software Engineering (ECBSE 2002)
Fourth International Workshop on Product Family Engineering (PFE-4)
Workshop on Generative Programming 2002 (GP 2002)
Second ICSE Workshop on Open Source Software Engineering (WOSSE 2002)
2001 Euromicro Workshop on Component-Based Software Engineering (ECBSE 2001)
First ICSE Workshop on Open Source Software Engineering (WOSSE 2001)
Eighth International Symposium on System Configuration Management (SCM-8)
Seventh International Workshop on Software Configuration Management (SCM-7)

Journal Reviews

Automated Software Engineering (2003, 2002, 2001)
International Software Journal (2001)
ACM Communications of the ACM (2006)
ACM Transactions on Software Engineering and Methodology (2006, 2005, 2003, 2002, 2001)
IEEE Transactions on Software Engineering (2006, 2006, 2005, 2004, 2003, 2003, 2003, 2002, 2001)
ACM Computing Surveys (2004, 2002)
Software Practice & Experience (2003)

Software Focus (2002, 2001)
 Software Maintenance and Evolution (2004)
 Systems and Software (2007, 2006)
 IEEE Software (2006)
 Information and Software Technology (2007, 2007)
 IEEE Computer Graphics and Applications (2008, 2008)

Additional Conference Reviews

Twenty-eight International Conference on Software Engineering (ICSE 2006)
 Twenty-fifth International Conference on Software Engineering Experience Reports (ICSE 2003)
 Thirty-second ASEE/IEEE Frontiers in Education Conference (FIE 2002)

Books Reviews / Book Proposal Reviews

Springer-Verlag (2005)
 Addison-Wesley (2004)
 Prentice Hall (2003, 2003)
 Wiley (2004, 2003)
 McGraw & Hill (2006, 2000, 2000)

Proposal Reviews

Alberta Ingenuity Fund (2006)
 National Science Foundation (2008, 2006, 2004, 2004)
 University of California President's Postdoctoral Fellowships Program (2003)
 Netherlands Organization for Scientific Research (2007, 2006, 2004, 2002)
 University of California, Irvine UC/UK Travel Grants (2002)

SERVICE TO THE UNIVERSITY COMMUNITY

Campus-wide Service at the University of California, Irvine

Member

Bren School Representative to the Senate Assembly (AY 2005 – 2006)
 Long Range Academic Breadth Committee (AY 2003 – 2004)
 Council on Undergraduate Experiences (September 2003 – 2005)
 Undergraduate Research Task Force (April 2003 – April 2004)
 Committee on Student Affairs (September 2001 – August 2003)
 Web Advisory Committee (February 2001 – August 2004)
 NACS Advisory Committee (March 2001 – September 2001)

School-wide Service in the Donald Bren School of Information and Computer Sciences, University of California, Irvine

Chair

External Relations Committee (AY 2008 – 2009)
 Faculty Chair (AY 2005 – 2006)
 Executive Committee (AY 2005 – 2006)
 Student Outreach and Retention (AY 2005 – 2006)
 Web Policy Committee (AY 2003 – 2004)

Member

Executive Committee (AY 2006 – 2007)
 Student Outreach, Access, and Retention (AY 2006 – 2007)
 Committee on Undergraduate Policy (AY 2003 – 2004)
 Network System Recruiting Committee (AY 2002 – 2003)
 Committee on Undergraduate Policy (AY 2001 – 2002)

Software Engineering Recruiting Committee (AY 2001 – 2002)
 ICS Identity Task Force (AY 2001 – 2002)
 Graduate Admissions Committee (AY 2000 – 2001)
 Software Engineering Recruiting Committee (AY 2000 – 2001)
 Computing Advisory Committee (AY 2000 – 2001)
 Graduate Admissions Committee (AY 1999 – 2000)

Departmental Service in the Department of Informatics, University of California, Irvine

Chair

Student Outreach, Access, and Retention (AY 2006 – 2007)
 Recruiting Committee (AY 2004 – 2005)
 Software Engineering Recruiting Committee (AY 2003 – 2004)

Member

Student Outreach, Access, and Retention (AY 2008 – 2009)
 Recruiting Committee (AY 2006 – 2007)

HONORS AND AWARDS

2006 UC Irvine Advisor Participation Award
 2005 University of California, Irvine, Division of Undergraduate Education Professor of the Year
 2005 University of California, Irvine, Division of Undergraduate Education Award for Teaching Excellence
 2004 University of California, Irvine, Donald Bren School of Information and Computer Sciences 2003–2004
 Outstanding Graduate Mentor
 2002 University of California, Irvine, Chancellor's Award for Excellence in Undergraduate Research
 2001 National Science Foundation, CAREER Award
 2001 University of California, Irvine, Division of Undergraduate Education Award for Excellence in Teaching

PROFESSIONAL AFFILIATIONS

2000 – Present Association for Computing Machinery (ACM)
 2000 – Present Association for Computing Machinery Special Interest Group on Software Engineering (ACM SIGSOFT)
 1996 – Present Institute of Electrical and Electronics Engineers (IEEE)
 1996 – Present Institute of Electrical and Electronics Engineers Computer Society (IEEE-CS)