

Cumulative Biobibliography
University of California, Santa Cruz, CA
March 15, 2011
Linda L. Werner
Lecturer and Associate Research Computer Scientist
Computer Science Department

Signature indicates the following information has been reviewed for accuracy and biobibliography information may be released to the public.

EMPLOYMENT

- 2006–present Associate Research Computer Scientist, Department of Computer Science, University of California, Santa Cruz
- 2000–06 Assistant Research Computer Scientist, Department of Computer Science, University of California, Santa Cruz
- 2002–present Consultant, ETR (Education, Technology, Research) Associates, Scotts Valley, CA
- 1993–96 Assistant Researcher, Computer and Information Sciences and Computer Engineering, University of California, Santa Cruz
- 1993–94 Lecturer, Computer Science, Cabrillo College, Aptos, CA
- 1989–90 Assistant Researcher, Computer and Information Sciences and Computer Engineering, University of California, Santa Cruz
- 1985–present Lecturer, Computer Science, Information Systems Management, and Computer Engineering, University of California, Santa Cruz
- 1984–85 Teaching Assistant, Dept. of Electrical Engineering and Computer Science, University of California, San Diego
- 1983 Research Assistant, Dept of Electrical Engineering and Computer Science, University of California, San Diego
- 1980–82 Senior Systems Consultant, Wang Laboratories, Inc., San Diego
- 1979–80 Senior Training Specialist, Wang Laboratories, Inc., Burlington, MA
- 1977–79 Software Instructor, Data General Corporation, Southboro, MA
- 1976–77 Systems Analyst, New England Electric Service Company, Westboro. MA
- 1974–76 Systems Analyst, Massachusetts Mutual Life Insurance Company, Springfield, MA
- 1973–74 Secondary Mathematics Teacher, Tourtelotte High School, North Grosvernordale, CT

EDUCATION

- 1988 Ph.D. University of California, San Diego, Computer Science
- 1983 M.S. University of California, San Diego, Computer Science
- 1973 B.A. Clark University, Worcester, MA, Mathematics

PROFESSIONAL COMPETENCE AND ACTIVITY

- 2010 NSF, - "GSE/RES: Students' Pathways into Computer and Information Sciences Majors: A Study of Community College Men and Women", January 2010 - December 2012, \$499,998.
- 2009 NSF, - "The Development of Computational Thinking among Middle School Students Creating Computer Games", July 2009 - June 2012 \$1,092,908.
- 2009 Electronic Arts Scholar, Registration scholarship for 4th International Conference on the Foundations of Digital Games (FDG) for promoting diversity, April 26-30, 2009.
- 2009 Certification, The National Institutes of Health Office of Extramural Research online course - Protecting Human Research Participants, June 2009.
- 2008 NSF, - "SGER: Storytelling Alice and Game Design in Middle School", \$189,764.
- 2005 President's Volunteer Service Bronze Award, President's Council on Service and Civic Participation
- 2004 NSF, - "Supplement:ITW:Retaining Women in Computer Science Programs: Impact of Pair-Programming", \$45,421.
- 2001 Center for Teaching Excellence Mini-Grant, University of California, Santa Cruz, - "Development of Supplementary Instructional Materials for Software Methodology, CMPS115", \$1980.
- 2000 NSF, - "Retaining Women in Computer Science Programs: Impact of Pair-Programming", \$236,799.
- 1999 Center for Teaching Excellence Mini-Grant, University of California, Santa Cruz, - "Attendance at 12th Conference on Software Engineering Education and Training", \$1450.
- 1997 Santa Cruz Operation, Inc., Santa Cruz, - "Attendance at 10th Conference on Software Engineering Education and Training", \$1500.
- 1996 Santa Cruz Operation, Inc., Santa Cruz, - "Attendance at 9th Conference on Software Engineering Education and Training", \$1300.
- 1996 Santa Cruz Operation, Inc., Santa Cruz, - "Building a Simple, Extensible Network Management System", \$35,000 (April 1996 - December 1996).
- 1995 Santa Cruz Operation, Inc., Santa Cruz, - "Attendance at 8th Conference on Software Engineering Education and Training", \$1350.
- 1995 Santa Cruz Operation, Inc., Santa Cruz, - "Building an Easy to Use Graphical User Interface Builder", \$30,000.
- 1993-94 IBM Corporation, Santa Teresa Laboratory, "Quantifying the Cost Effectiveness of Branch Testing", \$25,736.
- 1983-84 Graduate Opportunity Fellowship, University of California, San Diego, tuition and stipend.
- 1982-83 San Diego Fellowship, University of California, San Diego, tuition and stipend.
- 1969-73 M. Hazel Hughes Scholarship, Clark University, full tuition.
- 1969-73 Connecticut State Scholarship.

RESEARCH INTERESTS

Software Engineering; Software Engineering and Computer Science Education at the university and K-12 levels; Computational Thinking Development at the K-12 levels; Program Verification; Computer-User Interface Design; Computers, Society, and Gender Issues; Computer Literacy; Usability Engineering.

PUBLISHED WRITINGS AND CREATIVE ACTIVITIES

1. Irene Lee, Fred Martin, Jill Denner, Bob Coulter, Walter Allen, Jeri Erickson, Joyce Malyn-Smith, Linda Werner, "Computational Thinking for Youth in Practice," *ACM Inroads*, Vol. 2, No. 1. 2011.
2. Jill Denner, Linda Werner, Steve Bean, and Jacob Martinez "Computing Goals, Values, and Expectations: Results from an IT-Intensive After-School Program for Latina Girls," under review at *Journal of Women and Minorities in Science and Engineering*, accepted for publication.
3. Linda Werner, Damon Chizuru Kawamoto, Teale Fristoe, and Jill Denner, "Progress Toward an Assessment of Computational Thinking," in review.
4. Linda Werner, Jill Denner, "Pair Programming in Middle School: What does it look like?," *Journal of Research on Technology in Education*, Vol. 42, No. 1. 2009, pp. 29-49.
5. Linda Werner, Jill Denner, Michele Bliesner, and Pat Rex, "Can Middle School Students use Storytelling Alice to Make Games? Results of a Pilot Study," *Proceedings of the 4th International Conference on the Foundations of Digital Games (FDG 2009)*, April 2009, Port Canaveral, FL.
6. Jill Denner, Joyce Malyn-Smith, Linda Werner and Alyssa Na'im, "Information and Communications Technology Fluency: Defining and Measuring Standards in Middle School," *Conference of the American Educational Research Association, (AERA 2009)*, April 2009, San Diego, CA.
7. Jill Denner, Jacob Martinez, and Linda Werner, "Teaching Computer Game Design to Middle School Students," poster at *Game Developers' Conference*, March 2009, San Francisco, CA.
8. Jill Denner, Linda Werner, "Computer Programming in Middle School: How Pairs Respond to Challenges," *Journal of Educational Computing Research*, Vol. 37, No. 2. 2007.
9. Linda Werner, "The Impact of Pair Programming on Women Students," poster at *Grace Hopper Celebration of Women in Computing*, October 2006, San Diego, CA.
10. Charlie McDowell, Linda Werner, Heather Bullock, and Julian Fernald, "Pair Programming Improves Student Retention, Confidence, and Program Quality," *Communications of the ACM*, August 2006, Vol. 49, Issue 8, pp. 90-95.
11. Linda Werner, Brian Hanks, and Charlie McDowell, "Pair Programming and Gender," chapter in book *Encyclopedia of Gender and Information Technology*, editor: Eileen M. Trauth. Idea Group, Inc., Information Science Reference: 2006.
12. Linda Werner and Jill Denner, "Pair Programming Video," *CSTA Voice*, Volume 2, Issue 2, September, 2006, p. 5.
13. Jill Denner, Steven Bean, Linda Werner, and Marigold Fine, "Examples of Pair Programming," 12 minute, 10 second video by Full Circle Productions and ETR Associates. 2006.
14. Linda Werner, Jill Denner, and Shannon Campe, "IT Fluency From a Project-Based Program for Middle School Students," *Journal of Computer Science Education Online*, October, Issue 5, 2005-2006.
15. Linda Werner and Jill Denner, "Gender and the Digital Divide," book review of *Gender and Computers: Understanding the Digital Divide* by Joel Cooper and Kimberlee D. Weaver, *American Journal of Psychology*, Winter 2005, Vol. 118, No. 4, pp. 639-645.
16. Linda Werner, Shannon Campe, and Jill Denner, "Middle School Girls + Games Programming = Information Technology Fluency," *Proceedings of the Conference on Information Technology Education SIGITE 2005*, October 2005.
17. Shannon Campe, Linda L. Werner, and Jill Denner, "Information Technology Fluency for Middle School Girls," *Proceedings of the Eighth IASTED International Conference on Computers and Advanced Technology in Education*, August 2005.

18. Jill Denner, Steve Bean, and Linda Werner, "Girls Creating Games: Challenging Existing Assumptions about Game Content," Proceedings of the *DiGRA 2005 Conference: Changing Views- Worlds in Play*, June 2005.
19. Linda Werner, Brian Hanks, Charlie McDowell, Heather Bullock, and Julian Fernald, "Want to Increase Retention of Your Female Students?," Computing Research News: Expanding the Pipeline Column, March 2005, 17(2).
20. Charlie McDowell and Linda Werner, "Significant findings regarding computer science major retention when pair programming is used in introductory programming courses for both women and men?" poster presentation, Technical Symposium on Computer Science Education *SIGCSE 2005*, February 2005.
21. Linda Werner and Jill Denner, "Are there Gender Differences in the Way People Program?" poster presentation, Technical Symposium on Computer Science Education *SIGCSE 2005*, February 2005.
22. Linda Werner, Brian Hanks, and Charlie McDowell, "Female Computer Science Students Who Pair Program Persist," Journal of Educational Resources in Computing (JERIC), March 2004, 4(1), published April, 2005.
23. Jill Denner, Linda Werner, Steve Bean, and Shannon Campe, "The Girls Creating Games Program: Strategies for Engaging Middle School Girls in Information Technology," Frontiers: A Journal of Women's Studies Special Issue of Gender and IT, Vol 26, No. 1, 2005.
24. Linda L. Werner, Jill Denner, and Steve Bean, "Pair Programming Strategies for Middle School Girls," Proceedings of the *Seventh IASTED International Conference on Computers and Advanced Technology in Education*, August 2004.
25. Laurie Williams, Charlie McDowell, N. Nagappan, Julian Fernald, and Linda Werner, "Building Pair Programming Knowledge through a Family of Experiments," Proceedings of the *IEEE International Symposium Empirical Software Engineering ISESE'03*, September 2003, pp. 143-152.
26. Charlie McDowell, Brian Hanks, and Linda Werner, "Experimenting with Pair Programming in the Classroom," *Proceedings of the 8th Annual Conference on Innovation and Technology in Computer Science Education ITiCSE*, July 2003.
27. Charlie McDowell, Linda Werner, Heather Bullock, and Julian Fernald, "The Impact of Pair Programming on Student Performance, Perception and Persistence," Proceedings of the *International Conference on Software Engineering*, May 2003.
28. Delbert Bailey, Tracey Conn, Brian Hanks, and Linda Werner, "Can We Influence Attitudes About Inspections? Can We Measure a Change in Attitude?," Proceedings of the 16th Conference on Software Engineering Education and Training *CSEET'03*, March 2003.
29. Charlie McDowell, Brian Hanks, and Linda Werner, "What Constitutes a "Better" Student Program?," poster presentation, Technical Symposium on Computer Science Education *SIGCSE 2003*, February 2003.
30. Charlie McDowell, Heather Bullock, Julian Fernald, and Linda Werner, "The Effects of Pair-Programming on Performance in an Introductory Programming Course," *Proceedings of 33rd Technical Symposium on Computer Science Education SIGCSE*, 27 Feb.-3 March 2002, p. 38-42. ACM Press.
31. Charlie McDowell, Linda Werner, Heather Bullock, and Julian Fernald, "Retaining Women in Computer Science: The Impact of Pair Programming," *Presentation at NSF Information Technology Workforce/Information Technology Research Meeting*, College Park, Maryland, October 20-22, 2002.
32. Jennifer Bevan, Linda Werner, and Charlie McDowell, "Guidelines for the Use of Pair Programming in a Freshman Programming Class," Proceedings of the *15th Conference on Software Engineering Education and Training*, Covington, Kentucky, February 2002.

33. Charlie McDowell, Heather Bullock, Julian Fernald, and Linda Werner, "A Study of Pair-Programming in an Introductory Programming Course," Proceedings of the *33rd SIGCSE Technological Symposium on Computer Science Education*, Northern Kentucky, Feb 27-Mar 3, 2002.
34. Donna Stidolph and Linda Werner, "An Undergraduate Software Engineering Project Course at UCSC," *Forum for Advancing Software Engineering Education*, Volume 11, Number 6, June 2001.
35. Marc Mosko, Hong Jiang, Arindam Samanta, Linda Werner, "COTS Software Acquisition Meta-Model," *Continuing Collaborations for Successful COTS Development Workshop at 22nd International Conference of Software Engineering*, Limerick, Ireland, June 2000.
36. Linda Werner, "A Graduate Course in Software Engineering," Proceedings of the *13th Conference on Software Engineering Education and Training*, Austin, Texas, March 2000, page 194.
37. Dorrit Gordon and Linda Werner, "An Empirical Study of Software Porting Obstacles," University of California, Santa Cruz Technical Report UCSC-CRL-99-07, June 1999.
38. John Panzer and Linda Werner, "An Experimental Comparison of New Property List Designs," University of California, Santa Cruz Technical Report UCSC-CRL-95-43, December 1995.
39. Melissa Cline and Linda Werner, "Experiences in Measuring the Branch Coverage of Regression Test," Proceedings of the *California Software Symposium*, Irvine, California, March 1995.
40. Linda L. Werner and William E. Howden, "An Investigation of the Applicability of Data Usage Analysis," *Journal of Systems and Software*, July 1991.
41. Linda L. Werner, "Fault Detection in Production Programs by means of Data Usage Analysis," Department of Computer Science and Engineering, University of California, San Diego, Ph.D. Thesis, June 1988.
42. Linda L. Werner, "A Study of 'Hard to Find' Data Processing Errors," (an extended abstract), *ACM 14th Computer Science Conference*, Cincinnati, Ohio, February 1986.
43. L. L. Werner, W. A. Burkhard, R. C. Ord, J-F. Paris, "C Programming for Pascal Programmers," September 1983.

PROFESSIONAL SERVICE

Participation in Public Lectures, Panels, Forums, and Conferences

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| 2011 | Jill Denner and Linda Werner, "Measuring Computational Thinking in Middle School using Game Programming," in Symposium titled "Merging Human Creativity and the Power of Technology: Computational Thinking in the K-12 Classroom" <i>AERA Conference</i> April 2011. |
| 2011 | Jill Denner and Linda Werner, "Strategies for Engaging Middle School Students in Computational Thinking," in Symposium titled "Computational Thinking - Progress in Defining, Supporting and Measuring Computational Thinking in Projects Funded by NSF's Division of Research on Learning" <i>AERA Conference</i> April 2011. |
| 2010 | Invited panelist with Jill Denner, "Broadening Participation in Computing, Stanford Learning Sciences and Technology Design, Stanford School of Education, January 2011. |
| 2010 | Invited panelist with Jill Denner, "Computational Thinking in K-12: Defining the Space." <i>Society for Information Technology and Teacher Education</i> , April, 2010. |
| 2010 | Co-PI with invited panelist Jill Denner, "The Development of Computational Thinking among Students Programming Games." <i>Computational Thinking for Everyone Workshop at The National Academies</i> , February, 2010. |

- 2009 Invited panelist at *CPATH - Computational Media: Creating a 21th Century Curriculum for Games and Playable Media. An NSF-CPATH workshop for panel titled Broadening Participation at the pre-college level: Ten year of study*, University of California, Santa Cruz, Nov 19-20, 2009.
- 2009 Reviewer for *NSF - Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) Proposals*, Arlington, VA, Nov 4-6, 2009.
- 2009 Jill Denner, Linda Werner, and Pat Rex, "Teaching Computer Game Design Using Storytelling Alice," Bring Your Own Laptop workshop presentation at *National Educational Computing Conference (NECC)*, June-July 2009, Washington, DC.
- 2009 Participant at the *Fifth Annual May Meetings of the National Center for Women and Information Technology (NCWIT)*, May 12-14, 2009, Mountain View, California.
- 2009 Invited poster at *REESE PI meeting: From Discovery and Innovation to Transformations in Education, Learning Research, and Evaluation: Contributions and Emerging Knowledge from the REESE Program*. February 18-19, 2009. Poster titled "SGER: Storytelling Alice and Game Design in Middle School," by Jill Denner, Michele Bliesner, Pat Rex, and Linda Werner.
- 2005 Invited panelist at *ITWF Spring Meeting for panel titled "Dissemination through K-12,"* topic was presentation of draft of video of pair programming, April 2-4, 2006.
- 2005 Invited Speaker at *ACM Java Engagement for Teacher Training (JETT): A Program for HS CS Educators - "Introduction to Pair Programming,"* August 2005, Dan Lewis director at Santa Clara University.
- 2004 Invited Speaker at *ITWF/ITR Workforce PI's meeting - "Retaining Women in Computer Science: The Impact of Pair Programming Project Update,"* October 2004, Pennsylvania State University, report co-authored with C. McDowell, H. Bullock, and J. Fernald.
- 2003 Invited Speaker at *ITWF Workshop on Women and Minorities in Computer Science - "Impact of Pair Programming on a Student's Performances, Perceptions and Persistence,"* August 2003, University of Colorado at Boulder.
- 2001 *Information Technology Workforce NSF Panel Member*, Arlington, Virginia, May 14.
- 2001 *Expanding Your Horizons Workshop Presenter*, University of California, Santa Cruz, March 31.
- 1999 *12th Conference on Software Engineering Education and Training*, New Orleans, Louisiana, March 22-24.
- 1997 *10th Conference on Software Engineering Education and Training*, Virginia Beach, April 13-16.
Moderator for sessions at *Software Engineering Process Group Conference*, San Jose, California, March 17-20.
- 1996 *9th Conference on Software Engineering Education*, Daytona Beach, Florida, April 21-24.
- 1995 *8th Conference on Software Engineering Education*, New Orleans, Louisiana, Mar 29-Apr 1.
- 1990-91 Treasurer for Symposium on Testing, Analysis, and Verification.
- 1985 Invited Talk - Oregon Graduate Center, "Fault Detection in COBOL Programs by Means of Data Usage Analysis", May 1988.

Membership and Activities in Professional Associations

Member, Computer Science Teachers Association (CSTA)
University Council - American Federation of Teachers

Referee for Journal Publications, Conferences, and Organizations

IEEE Computer
IEEE Software
IEEE Transactions on Software Engineering
IEEE Transactions on Parallel and Distributed Systems
IEEE Transactions on Education
ACM Journal of Educational Resources in Computing
ACM Transactions on Computing Education
ACM Transactions on Computer Human Interaction
AAACE Journal of Technology and Teacher Education
IET Software
Computer Professionals for Social Responsibility Student Paper Contest
Software Engineering Body of Knowledge Project (IEEE-CS/ACM Joint Project)
Software Engineering Process Group Conference
National Center for Women and Information Technology Aspiration Awards
Conference on Software Engineering Education and Training
Conference on Innovation and Technology in Computer Science Education
Conference on Computer Science Education
Science Fair Judge, County of Santa Cruz, California
Science Fair judge, Pacific Collegiate School, Santa Cruz, CA
Dare 2B Digital Conference volunteer 2010, Foothill College, Los altos Hills, CA

UNIVERSITY SERVICE

University Committees

1994 CAMP/MESA, UCSC/Cabrillo Summer Research Workshop
1997 Fall Family Fair Planning Committee
2000 School of Engineering, Software Engineering Faculty Search Committee
2002 Porter Academic Standing Committee member
2010 Porter Academic Standing Committee member

TEACHING 1985–1986

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	101	Data Structures	66		64	No
	CIS	301	Supervised Teaching Experience	1		0	No
Spring	CIS	115	Software Methodology	9		89	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1987–1988

				Enrolled	%Eval	Retd	Shared?
Spring	CIS	115	Software Methodology	38		82	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1988–1989

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	12a	Introduction to Programming	87		49	No
	CIS	301	Supervised Teaching Experience	4		75	No
Winter	CIS	80a	Computers in Society	55		39	No
	CIS	111	Operating Systems	45		69	No
Spring	CIS	301	Supervised Teaching Experience	2		50	No
	CIS	115	Software Methodology	37		78	No
	CE	276	Software Engineering	5		80	No
	CIS	301	Supervised Teaching Experience	1		100	No

TEACHING 1989–1990

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	12a	Introduction to Programming	70		60	No
	CIS	195	Senior Thesis Research	1		0	No
	CE	276	Software Engineering	5		60	No
	CIS	297	Independent Study/Research	1		0	No
	CIS	301	Supervised Teaching Experience	3		67	No
Winter	CIS	80a	Computers in Society	71		41	No
	CIS	195	Senior Thesis Research	1		0	No
	CIS	198	Independent Study/Research	1		0	No
	CIS	297	Independent Study/Research	1		0	No
Spring	CIS	301	Supervised Teaching Experience	1		100	No
	CIS	115	Software Methodology	28		79	No
	CIS	297	Independent Study/Research	3		0	No
	CIS	301	Supervised Teaching Experience	1		100	No

TEACHING 1990–1991

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	12a	Introduction to Programming	52		63	No
	CIS	299	Thesis Research	2		0	No
	CIS	301	Supervised Teaching Experience	2		0	No
Winter	CIS	002	Computer Literacy	91		55	No
	CIS	299	Thesis Research	1		0	No
Spring	CIS	301	Supervised Teaching Experience	2		100	No
	CIS	115	Software Methodology	33		52	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1991–1992

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	002	Computer Literacy	129		65	No
	CIS	301	Supervised Teaching Experience	3		100	No
Spring	CIS	115	Software Methodology	54		60	No
	CIS	301	Supervised Teaching Experience	1		100	No

TEACHING 1992–1993

				Enrolled	%Eval	Retd	Shared?
Fall	CIS	12a	Introduction to Programming	97		61	No
	CIS	198	Independent Study/Research	1		0	No
	CIS	301	Supervised Teaching Experience	2		100	No
Winter	CIS	12a	Intro to Data Structures	63		71	No
	CIS	301	Supervised Teaching Experience	1		100	No
Spring	CIS	115	Software Methodology	21		52	No
	CIS	198	Independent Study/Research	1		0	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1993–1994

				Enrolled	%Eval	Retd	Shared?
Fall	CE	276	Software Engineering	15		87	No
Winter	CIS	60N	Programming for Natural Sciences	76		68	No
	CIS	301	Supervised Teaching Experience	2		0	No
Spring	CIS	115	Software Methodology	30		76	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1994–1995

				Enrolled	%Eval	Retd	Shared?
Fall	CE	276	Software Engineering	15		73	No
Winter	CIS	299	Thesis Research	2		0	No
Spring	CIS	115	Software Methodology	19		89	No
	CIS	299	Thesis Research	2		0	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1995–1996

				Enrolled	%Eval	Retd	Shared?
Fall	CE	276	Software Engineering	21		95	No
Winter	CE	297	Independent Study/Research	1		0	No
Spring	CIS	115	Software Methodology	16		94	No
	CE	297	Independent Study/Research	1		0	No
	CIS	301	Supervised Teaching Experience	1		0	No

TEACHING 1996–1997

				Enrolled	%Eval	Retd	Shared?
Fall	CE	276	Software Engineering	22		100	No
	CE	299	Thesis Research	2		0	No
Spring	CS	115	Software Methodology	25		76	No
	CS	301	Supervised Teaching Experience	1		0	No

TEACHING 1997–1998

				Enrolled	%Eval Retd	Shared?
Fall	CE	276	Software Engineering	14	100	No
	CE	297	Independent Study/Research	1	0	No
Winter	CE	297	Independent Study/Research	1	0	No
Spring	CS	115	Software Methodology	27	81	No
	CS	198	Independent Study/Research	1	0	No
	CS	301	Supervised Teaching Experience	1	0	No

TEACHING 1998–1999

				Enrolled	%Eval Retd	Shared?
Fall	CE	276	Software Engineering	22	95	No
	CS	297	Independent Study/Research	1	0	No
Winter	CS	115	Software Methodology	9	0	No
	CS	301	Supervised Teaching Experience	1	0	No
	CS	299	Thesis Research	2	0	No
Spring	CS	115	Software Methodology	26	85	No

TEACHING 1999–2000

				Enrolled	%Eval Retd	Shared?
Fall	CE	276	Software Engineering	22	95	No
	CS	297	Independent Study/Research	1	0	No
Winter	CS	115	Software Methodology	22	86	No
	CS	301	Supervised Teaching Experience	1	0	No
	CS	299	Thesis Research	2	0	No
Spring	CS	115	Software Methodology	29	66	No
	CS	301	Supervised Teaching Experience	1	0	No

TEACHING 2000–2001

				Enrolled	%Eval Retd	Shared?
Fall	CS	115	Software Methodology	14	93	No
	CS	301	Supervised Teaching Experience	1	0	No
Winter	CE	276	Software Engineering	15	93	No
	CS	297	Independent Study/Research	1	0	No
	CS	299	Thesis Research	2	0	No
Spring	CS	115	Software Methodology	38	79	No
	CS	301	Supervised Teaching Experience	1	0	No
	CS	198	Independent Study/Research	2	0	No
	CS	297	Independent Study/Research	2	0	No

TEACHING 2001–2002

				Enrolled	%Eval Retd	Shared?
Winter	CS	299	Thesis Research	2	?	No
Spring	CS	115	Software Methodology	26	62	No
	CS	301	Supervised Teaching Experience	1	?	No
	CS	299	Thesis Research	2	?	No

TEACHING 2004–2005

				Enrolled	%Eval	Retd	Shared?
Spring	CS	115	Software Methodology	33		76	No

TEACHING 2005–2006

				Enrolled	%Eval	Retd	Shared?
Spring	CS	115	Software Methodology	26		54	No

TEACHING 2006–2007

				Enrolled	%Eval	Retd	Shared?
Spring	CS	115	Software Methodology	11		100	No

TEACHING 2007–2008

				Enrolled	%Eval	Retd	Shared?
Winter	CS	115	Software Methodology	8		100	No
Spring	ISM	158	Business Information Strategy	22		86	No

TEACHING 2008–2009

				Enrolled	%Eval	Retd	Shared?
Winter	CS	115	Software Methodology	23		?	No
Spring	ISM	158	Business Information Strategy	44		?	No

TEACHING 2009–2010

				Enrolled	%Eval	Retd	Shared?
Winter	CS	115	Software Methodology	38		38	No
Winter	CS	198	Independent Study/Research	2		0	No
Spring	CS	198	Independent Study/Research	1		0	No
Fall	CS	115	Software Methodology Study/Research	30		?	No

OTHER TEACHING

Ph.D. Theses Committee Member

2005	Brian Hanks	“Tool Support for Distributed Pair Programming”
1999	Clarke Steinback	“Computer Generated Fingerspelling for Assistive Technology”

Ph.D. Qualifying Exam Committee Member

2002	Steve Fonseca	CS
1999	Clarke Steinback	CS

Masters Theses Supervised

2002	Tracey Conn	“Experiment in Software Best Practices”
1999	Dorrit Gordon	“Software Porting: Process and Problems”
1999	Steven Fonseca	“Object-Oriented Framework Documentation”
1997	Cynthia Hertzner	“A Case Study of Software Process Assessment and Improvement”
1995	John Panzer	“Property Lists: An Experimental Comparison of New Property Editor Designs”
1995	Melissa Cline	“An Empirical Study of the Branch Coverage of Different Fault Classes”
1991	Don Fong	“Configman, A Practical System for Configuration Management”

M.S. Theses Committee Member

1998	Nineta Vitan	“The Design and Implementation of a Graphical User Interface for an Intelligent Electronic Assistant”
1996	James Rodden	“The Design of a User Interface for an Interactive Simulation Environment”
1993	Louis Goldstein	“The Design and Prototype of an Interactive Browser Interface to an Electronic Library”
1992	Paul Ostler	“Equational Reasoning”
1990	Sadhana Jain	“An Abstract User Interface Model for the Separation of the Interface from the Application”

Sr. Theses Advisor

1999	T. Gilman	“Discussion of the Migration of Fractint to the Macintosh”
1990	S.D. Harris	“C++ Text Windowing Library, text_win”

Sr. Theses Reader

W. Paul Zola	“The Morph Report: A Pattern-Based Self-Teaching Chess Program”
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Dean’s Award Supervisor

2010	Casey De La Vega-Rawson	“MeetUp: An Android Phone Application”
2010	Vladimir Kozyrev	“MeetUp: An Android Phone Application”
2010	Guy Oron	“MeetUp: An Android Phone Application”
2010	Matthew Payne	“MeetUp: An Android Phone Application”
2010	Josie Clemance Sayegh	“MeetUp: An Android Phone Application”
2010	Trevor Scott	“MeetUp: An Android Phone Application”
2009	Daniel Core	“Super Hamster Ball 2D”
2009	Tom Freeman	“Super Hamster Ball 2D”
2009	Alex Glick	“Super Hamster Ball 2D”
2009	Nick Green	“Super Hamster Ball 2D”
2008	Erik Petersen	“GPXCleaner”
2008	Oliver Threshie	“GPXCleaner”
2005	James Sheldon	“Silicon Valley: The Solution to American Economic Malaise or the ”Valley of the Toxi
2001	Sandra Chu	“Software Design and Development of the Columns Game”
2001	Nathan Thompson-Amato	“Software Design and Development of the Columns Game”
2001	Bryan Wells	“Software Design and Development of the Columns Game”
2001	Ricky Schults	“Software Design and Development of the Columns Game”

Chancellor’s Award Supervisor

2008	Erik Petersen	“GPXCleaner”
2008	Oliver Threshie	“GPXCleaner”
1990	S.D. Harris	“C++ Text Windowing Library, text_win”,

Advisor/Mentor to Undergraduate Students

2010	Ben Smith	“Pair Programming’s Effects on Middle School Students” Undergraduate Research Symposium
2009	Daniel Core	“Creating Super Hamster Ball 2D” Undergraduate Research Symposium
2008	Erik Petersen	“GPXCleaner” Undergraduate Research Symposium
2008	Josep Valls	“GPXCleaner” Undergraduate Research Symposium
2001	James Sheldon	faculty sponsor for CPSR winning essay titled “Silicon Valley: The Solution to An Economic Malaise or the ”Valley of Toxic Fright?”
2001	Shannan Hsiao	speaker at SOE graduation ceremony