

## Curriculum Vitae

### Melanie J. Martin

Department of Computer Science  
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### PROFESSIONAL PREPARATION

B.S.	Mathematics	University of Texas at Austin	December 1990
M.A.	Mathematics	University of Oregon	December 1993
Ph.D.	Computer Science	New Mexico State University	August 2005

### APPOINTMENTS

<b>California State University, Stanislaus</b>	2005-present
NSF S-STEM Co-PI (starting 9/16)	
Professor of Computer Science (starting 8/16)	
Associate Professor of Computer Science (8/11 – 8/16)	
LSAMP Program Director and Campus Coordinator (starting 8/11)	
Faculty Mentor Central Valley Math and Science Alliance (9/12 – 6/13)	
Assistant Professor of Computer Science (9/06—8/11)	
Visiting Lecturer in Computer Science and Mathematics (9/05—8/06)	
<b>Texas Tech University</b>	2012-2015
Consultant for Medical Simulation Team Communication grant (2015)	
Consultant for DARPA Team Communication grant (2012-2013)	
<b>Computing Research Laboratory/Department of Psychology, New Mexico State University</b>	
Subcontractor (8/05 to 12/09)	2002-2009
Programmer (8/04 to 8/05)	
Research Assistant (1/02--8/04)	
<b>Dept. of Computer Science, New Mexico State University</b>	1998-2003
Undergraduate Pathways Coordinator (1/03--12/03)	
Teaching Assistant (8/98--12/01, 8/02--12/02)	
Research Assistant (1/99--5/00)	
<b>Dept. of Mathematics, New Mexico State University</b>	1994-1997
Teaching Assistant (8/94--5/97)	
<b>Dept. of Mathematics, University of Oregon</b>	1991-1994
Graduate Teaching Fellow (9/91--6/94)	

### MEMBERSHIP IN PROFESSIONAL SOCIETIES

Association for Computational Linguistics (ACL)  
American Association for Artificial Intelligence (AAAI)  
Association for Computing Machinery (ACM)

## **PROGRAM COORDINATION**

### **NSF S-STEM Co-PI**

“Using Evidence-Based Educational Practices to Prepare and Support Highly Qualified Students with Financial Need for Careers in Computing and Cyber-Security,” is under the direction of Salamah Salamah, Ann Q. Gates, Melanie J. Martin.

### **CSU Stanislaus Louis Stokes Alliance for Minority Participation (2011 to present)**

Program Director and Campus Coordinator

Goals:

- Provide academic support, mentoring, and opportunities for students who face or have faced social, educational, or economic barriers to careers in STEM.
- Increase the quality and quantity of students successfully completing baccalaureate degree programs in STEM.
- Increase the number of students interested in, academically qualified for, and matriculated into programs of graduate study in STEM disciplines

What we offer to students includes:

- Academic Excellence Workshops in core Chemistry and Math courses.
- Math and Science text book reimbursement for qualified students.
- Mentoring by peers and faculty members.
- Paid experience and training to facilitate Academic Enrichment Workshops.
- Paid undergraduate research experience directed by a faculty mentor.
- Graduate School preparation.

Duties include:

- Advise approximately 60 STEM students
- Supervise: ASA 2,  
8-12 Undergraduate Research Interns,  
4-8 Undergraduate Academic Enrichment Workshop Facilitators
- Manage budget of \$45,000 - \$55,000
- Write annual grant proposal, program description, prepare budget and justification

### **NMSU CS Undergraduate Pathways Program (2003)**

Goals: Under-represented minority recruitment and retention,  
emphasis on Native Americans and Hispanics

Provide support, challenge and opportunity for all undergraduate CS majors

Program: I Designed, implemented and coordinated:

Student-centered support and challenge in gateway courses through

Focus groups

Peer mentoring

Web-based support

Training TAs

Teaching teams for each gateway course

Student tracking database

Networking with other NMSU student service and support organizations

Social events to build cohesion

### **Proyecto Ayuda in Cunen, Quiche, Guatemala (1978-1979)**

Served as Clinic Supervisor, Assistant Director and Director of community development project in rural Guatemala

Services provided by the project included: medical-dental clinic, pre-school, English language instruction, scholarship program, and demonstration vegetable garden

*C-ASPIRE: Culturally Appropriate Systems and Pedagogy in an Information-Rich Environment.* AAC&U Tides Grant Proposal submitted as PI in February 2014. Not funded.

## EDUCATIONAL EXPERIENCE

- New Mexico State University**, Las Cruces, NM 1994-2005  
Ph.D. Student (Computer Science), 1/98 to 8/05  
Advisor: Roger T. Hartley  
Dissertation Title:  
*Reliability and Verification of Natural Language Text on the World Wide Web*
- Ph.D. Student (Mathematics), 8/94 to 12/97  
Advisor: Susan M. Hermiller
- University of Oregon**, Eugene, OR 1991-1994  
*M.A. (Mathematics), December 1993*
- University of Texas at Austin**, Austin, TX 1988-1990  
*B.S. (Mathematics), December 1990*  
Advisor: Karen K. Uhlenbeck  
Senior Thesis:  
*Two and Three Manifold Topology: Advanced Mathematics from an Elementary Standpoint*
- Austin Community College**, Austin, TX Fall 1988  
Mathematics
- California State University**, Hayward, Hayward, CA 1985-1988  
Art and Mathematics
- University of California, Berkeley, Extension**, Berkeley, CA 1984  
Financial Planning
- California State University, Chico**, Chico, CA 1977-1978  
Latin American Studies 1975  
Advisor: Beverly Chinas  
In 1978, designed and worked on a research project in Anthropology:  
*Indigena vs. Ladina and Religious Differences between Woman in Cunen, Quiche, Guatemala*
- University of California, Berkeley**, Berkeley, CA 1975  
Art History
- Butte College**, Oroville, CA 1975

## RESEARCH INTERESTS

Artificial Intelligence  
Information Retrieval  
Data Mining  
Health Informatics  
Machine Learning  
Computational Linguistics/Natural Language Processing

## PUBLICATIONS

### Journal Articles

**Melanie J. Martin** (2011). Reliability and Type of Consumer Health Documents on the World Wide Web: an Annotation Study. *Journal of Biomedical Semantics* 2011, **2**(Suppl 3):S5 (14 July 2011).

Janyce Wiebe, Theresa Wilson, Rebecca Bruce, Matthew Bell, and **Melanie Martin** (2004). Learning subjective language. *Computational Linguistics* 30 (3), September 2004, pp. 277-308.

### Book Chapters

Peter W. Foltz, Adrienne Y. Lee, Gary Bond and **Melanie J. Martin** (2009). Models, Methods, and Tools for the Adaptability of Teams. *Advanced Decision Architectures for the Warfighter: Foundations and Technology*. Patricia McDermott and Laurel Allender (editors). Army Research Laboratory Advance Decision Architectures Collaborative Technology Alliance.

Peter W. Foltz and **Melanie J. Martin** (2008) Automated Communication Analysis of Teams. *Team Effectiveness in Complex Organizations: Cross-disciplinary perspectives and approaches*. Eduardo Salas, Gerald F. Goodwin, C. Shawn Burke (editors). Routledge, Psychology Press, New York, NY.

### Refereed Conference and Workshop Papers

Jamie C. Gorman, **Melanie J. Martin**, Terri A. Dunbar, Ronald H. Stevens, Trysha Galloway, P.G. Amazeen, Aaron D. Likens (2016) Cross-Level Effects Between Neurophysiology and Communication During Team Training. *Hum Factors*. 2016 Feb;58(1):181-99. doi: 10.1177/0018720815602575. Epub 2015 Sep 21.

Jamie C. Gorman, **Melanie J. Martin**, Terri A. Dunbar, Ronald H. Stevens, Trysha Galloway (2013) Analysis of Semantic Content and Its Relation to Team Neurophysiology during Submarine Crew Training. *Foundations of Augmented Cognition: 7th International Conference, AC 2013, Held as Part of HCI International 2013*, Las Vegas, NV, USA, July 21-26, 2013.

Thomas Carter, Peggy Hauselt, **Melanie Martin**, Megan Thomas. (2012). Building a Big Data Research Program at a Small University. *Journal of Computing Sciences in Colleges*. Vol. 28, No. 2 (December 2012), 95-102.

**Melanie J. Martin** (2010). Reliability and Type of Consumer Health Documents on the World Wide Web: an Annotation Study. NAACL '10 Second Louhi Workshop on Text and Data Mining of Health Documents. June 5, 2010, Los Angeles, CA.

Robert R. Silverman and **Melanie J. Martin** (2008). Design of a pedagogical assembly language and classroom experiences. *Journal of Computing Sciences in Colleges*, Volume 23, Number 4 (Apr. 2008), 208-214.

Peter W. Foltz, **Melanie J. Martin**, Ahmed Abdelali, Mark Rosenstein and Rob Oberbreckling (2006). Automated Team Discourse Modeling with Latent Semantic Analysis. *CogSci 2006*.

Nemecio R. Chavez, Jr., **Melanie J. Martin** and Enrico Pontelli (2005). Pathways: A Student-Centered Approach to Educational to Educational Success. *The Sun Conference on Teaching and Learning*.

*Cooperative, Collaborative, and Team-Based Learning*. March 4&5, 2005, The University of Texas, El Paso.

**Melanie J. Martin** (2004). Reliability and Verification of Natural Language Text on the World Wide Web. Paper at *ACM-SIGIR Doctoral Consortium*, July 25, 2004, Sheffield, England.

**Melanie J. Martin** and Peter W. Foltz (2004). Automated Team Discourse Annotation and Performance Prediction using LSA. *Proceedings of the Human Language Technology and North American Association for Computational Linguistics Conference (HLT/NAACL)*, May 2-7, 2004, Boston, Massachusetts. Short Paper.

**Melanie J. Martin** (2004). A Holistic Approach to Improving Undergraduate Performance in Gateway Computer Science Courses. *The Sun Conference on Teaching and Learning. Cooperative, Collaborative, and Team-Based Learning*. March 5-6, 2004, The University of Texas, El Paso.

**Melanie J. Martin** and Enrico Pontelli (2004). A holistic approach to improving undergraduate performance in gateway computer science courses using discrete mathematics as a case study. *Science, Engineering, & Technology Education Conference (SETE) 2004* at NMSU, January 9, 2004.

Jamie C. Gorman, Nancy J. Cooke, Peter W. Foltz, Preston A. Kiekel, and **Melanie J. Martin** (2003) Evaluation of Latent Semantic Analysis-Based Measures of Team Communications Content. *Proceedings of the Human Factors and Ergonomic Society 47th Annual Meeting*, HFES 2003.

Preston A. Kiekel, Nancy J. Cooke, Peter W. Foltz, Jamie C. Gorman, and **Melanie J. Martin** (2003). Methods for the Analysis of Team Communication. Technical Report for ONR Grant No. N00014-00-1-0818.

Preston A. Kiekel, Nancy J. Cooke, Peter W. Foltz, Jamie C. Gorman, and **Melanie J. Martin** (2002). Some Promising Results of Communication-Based Automatic Measures of Team Cognition. *Proceedings of the Human Factors and Ergonomic Society 46th Annual Meeting*, 298-302. Baltimore, MD, September 30-October 4, 2002.

Janyce Wiebe, Rebecca Bruce, Matthew Bell, **Melanie Martin** and Theresa Wilson. (2001). A Corpus Study of Evaluative and Speculative Language. *2nd SIGdial Workshop on Discourse and Dialogue*, Aalborg, Denmark, September 1-2, 2001.

### **Other**

**Melanie J. Martin** (2005). *Reliability and verification of natural language text on the World Wide Web*. Ph.D. Dissertation. New Mexico State University Branson Library QA 1995 .M37 2005.

Janyce Wiebe, Theresa Wilson, Rebecca Bruce, Matthew Bell, and **Melanie Martin**. (2002). Learning subjective language. (Extended version of a journal article.) Department of Computer Science Technical Report TR-02-100. University of Pittsburgh, Pittsburgh, PA.

**Melanie J. Martin**, Nemecio Chavez Jr. (2002). Computer Science Teaching Assistant Handbook. Presented at NMSU CS Department TA Meeting August, 21, 2002. Published at <http://www.cs.nmsu.edu/~gradrep/>

Susan Hermiller, **Melanie Martin**, and Eric York (1995). Learning Calculus. Written for NMSU calculus students, currently available several places on the web, including: <http://www.cs.nmsu.edu/~mmartin/pubd/calc1.html>

### **Posters**

**Melanie J. Martin** (2010). *Reliability and Type of Consumer Health Documents on the World Wide: Annotation Study Results*. CSU Stanislaus RSCA Week 2010, October 4-8, 2010.

Megan Thomas, **Melanie Martin** and Tom Carter (2010). *Exploring Large Data Sets*. CSU Stanislaus RSCA Week 2010, October 4-8, 2010.

**Melanie J. Martin** and Peter W. Foltz (2010). *Automated Team Discourse Annotation and Performance with LSA*. CSU Stanislaus RSCA Week 2010, October 4-8, 2010.

**Melanie J. Martin** (2009). *Reliability of Information on Medical Web Pages: Toward a User Interface*. CSU Stanislaus RSCA Week 2009, October 5-9, 2009.

**Melanie J. Martin**, Peter W. Foltz, Mark Rosenstein, and Rob Oberbreckling (Pearson Knowledge Technologies) & Ahmed Abdelali (NMSU) (2009). *Automated Team Discourse Modeling: Test of Performance and Generalization*. CSU Stanislaus RSCA Week 2009, October 5-9, 2009.

**Melanie J. Martin** (2008). *Reliability of Information on Medical Web Pages: An Annotation Study*. CSU Stanislaus RSCA Week 2008, September 30-October 2, 2008.

**Melanie J. Martin** (2008). *Automatic Modeling of Team Discourse with Latent Semantic Analysis*. CSU Stanislaus RSCA Week 2008, September 30-October 2, 2008.

**Melanie J. Martin**, Peter W. Foltz (2008). *Automated Team Discourse Annotation and Performance Prediction*. In Celebration of Research, CSU Fullerton 50<sup>th</sup> Anniversary, Fullerton, CA. March 14, 2008.

**Melanie J. Martin**, Peter W. Foltz (2003). Automatic Modeling of Team Discourse with Latent Semantic Analysis. *NM-AGEP Third Annual Conference*: New Mexico Tech, Socorro, NM, September 11-13, 2003.

**Melanie J. Martin**, Peter W. Foltz (2003). Team Discourse Modeling and Performance Prediction with Latent Semantic Analysis. *NMSU Graduate Research and Arts Symposium*, April 15, 2003.

Peter W. Foltz, **Melanie J. Martin** (2003). Automated Techniques for Measuring Team Communication. *ARL CMC Meeting*, February 2003.

Peter Foltz, **Melanie Martin** (2002). Automated Techniques for Measuring Team Cognition. *ARL CMC Meeting*, Virginia, September 26, 2002.

**Melanie J. Martin** (2002). Artificial Intelligence Seminar: 2001-2002 Schedule. For *NSF Minority Institution Infrastructure Grant Site Visit to NMSU CS Department*, June 6, 2002.

**Melanie J. Martin** (2002). Annotating Flames in Usenet Newsgroups: A Corpus Study. For *NSF Minority Institution Infrastructure Grant Site Visit to NMSU CS Department*, June 6, 2002.

## PRESENTATIONS

### Computer Science

*Latent Semantic Analysis: From Information Retrieval to Team Cognition and Performance*. Invited talk at the Sonoma State University Computer Science Colloquium, on Thursday, April 3, 2014.

*Exploring Large Data Sets*. CSU Stanislaus Mathematics and Computer Science Speaker Series, Turlock, CA, February 25, 2011.

*Reliability and Type of Consumer Health Documents on the World Wide Web: an Annotation Study*. Mathematics and Computer Science Speaker Series. CSU Stanislaus. May 7, 2010.

*Is What You're Reading True?* Mathematics and Computer Science Speaker Series. CSU Stanislaus. April 21, 2009.

*Reliability of Medical Information on the World Wide Web*, presented at In Celebration of Research, CSU Fullerton 50<sup>th</sup> Anniversary, Fullerton, CA. March 14, 2008.

*LSA: From Information Retrieval to Team Performance*. Mathematics and Computer Science Speaker Series. CSU Stanislaus. September 28, 2007.

*Another Ride on the Crazy Train: Work/Life "Balance"* presentation at the Grace Hopper Celebration of Women in Computing 2006, San Diego, CA. October 6, 2006.

*Typing Lavender: LGBT Women in Computer Science*. Birds-of-a-Feather presentation at the Grace Hopper Celebration of Women in Computing 2006, San Diego, CA. October 5, 2006.

*Is What You're Reading True?* (2005). Invited talk at annual meeting of the Rio Grande Chapter of the Special Libraries Association, May 13, 2005. Invited talk (technical version) at Los Alamos National Laboratory, April 25, 2005.

*LSA: From Information Retrieval to Team Performance* (2005). TAMUCC Computer Science Department, April 28, 2005. CSU Stanislaus Computer Science Department, February 24, 2005.

*Report on Grace Hopper Conference* (2004). NMSU CS Department Seminar, October 20, 2004.

*Discussion: Language Understanding: Recognition or Construction* (2003). NMSU CS Department AI Seminar, February 24, 2003 with Nemecio Chavez.

*Introduction to Latent Semantic Analysis* (2002). NMSU CS Department AI Seminar, October 14, 2002.

*Identifying Ideological Point of View* (2001). NMSU CS Department AI Seminar, two talks: August 29 and September 5, 2001.

*Groups and Automata* (1996). Invited talk: Mathematics Department Colloquium at Sul Ross State University, Alpine, Texas. February 16, 1996.

## **Mathematics**

*Something about Knot Theory: Knot Coloring* (2009). Joint talk on Knot Invariants with Heather Coughlin. Mathematics and Computer Science Speaker Series. CSU Stanislaus. November 10, 2009.

*Computers* (1996). NMSU Mathematics Graduate Student Seminar with John Pierce, February 12, 1996

*Matroids* (1995). NMSU Mathematics Friday Afternoon Seminar, June 30, 1995 and July 7, 1995.

*Classification of Closed Two-Manifolds* (1995). NMSU Mathematics Graduate Student Seminar, March 27, 1995.

*Not Knot* (1994-1995). NMSU Mathematics Graduate Student Seminar, January 23, 1995. NMSU Mathematics Topology Seminar, December 7, 1994.

*Knot Colorings* (1994). Invited talk: Mathematics Department Colloquium at Sul Ross State University, Alpine, Texas. September 29, 1994.

*Knot Crystals* (1994). NMSU Mathematics Topology Seminar, November 2, 9, and 16, 1994.

*Coloring Knots* (1994). NMSU Mathematics Topology Seminar, October 26, 1994.

*State Sum Invariants of Three-Manifolds and the Quantum 6J-Symbols* (1993). Three talks in the University of Oregon Topology/Geometry Seminar, Spring 1993.

*Knot Coloring* (1992). University of Oregon Topology/Geometry Seminar, Spring 1992.

*Applying Group Theory to Groups of People* (1991). Lecture to Honors Mathematics Course, Fall 1991.

### **Other**

*Graduate School in Mathematics and Computer Science*. Mathematics and Computer Science Speaker Series. CSU Stanislaus. September 10, 2010.

*Financial Literacy*. CSU Stanislaus Summer Bridge Program, July 21, 2010.

*Tools and Tech for Academics*. Panel Facilitator, CSU Stanislaus, RSCA Week 2009, October 8, 2009.

*RSCA Display*. Workshop with Marina Gerson at the CSU Stanislaus Faculty Center for Excellence in Teaching and Learning on September 16, 2009 and September 22, 2009.

*A Panel Discussion Graduate School in Computer Science*. Mathematics and Computer Science Speaker Series. CSU Stanislaus. September 29, 2009.

*Displaying Your RSCA Activities*. Workshop with Marina Gerson at the CSU Stanislaus Faculty Center for Excellence in Teaching and Learning on March 16, March 19, April 29, and April 30, 2009.

*Everything you need to know about graduate school...* Mathematics and Computer Science Speaker Series. CSU Stanislaus. September 14, 2007.

*Everything you wanted to know but were afraid to ask*, panel at NMSU Graduate School Professional Development Workshop 2004, moderated by Dr. Elba Serrano, August 18, 2004.

*Panel of Graduate Studies in Mathematics* (1993). Symposium on Graduate Study for Undergraduate Women, Oregon State University, April 16, 1993.

*Health Care in Rural Guatemala: A Personal Perspective* (1979). Pacific Coast Council on Latin American Studies, October 1979.

## **AWARDS AND HONORS**

**Army High Performance Computing Research Center Grant** with Tom Carter, Megan Thomas and Peggy Hauselt to train undergraduate students to perform research on large data sets for 2011-2012 academic year.

**CNS Dean's Travel Initiative** funds to attend Association for Advancement of Artificial Intelligence in San Francisco, CA. August 7-11, 2011.

**College of Natural Sciences Faculty Research Enhancement Grant**. "Reliability of Information on Medical Web Pages: User Interface Enhancement." 2011.

**Army High Performance Computing Research Center Grant** with Tom Carter and Megan Thomas to train undergraduate students to perform research on large data sets for 2010-2011 academic year.



**CNS Dean's Travel Initiative** funds to attend North American Association for Computational Linguistics (NAACL) conference and Louhi workshop in Los Angeles, CA. June 1-6, 2010.

**Subcontractor on Army Research Laboratory (ARL) Research** grant, through NMSU Computing Research Laboratory and Psychology Department to conduct team communication research. August 2005 through September 2009.

**CNS Dean's Travel Initiative** funds to attend North American Association for Computational Linguistics (NAACL) conference in Boulder, CO. June 1-5, 2009.

**Naraghi Faculty Research Enhancement Grant for 2008-2009** from CSU Stanislaus College of Natural Sciences to fund: Reliability of Information on Medical Web Pages: User Interface Development.

**Naraghi Faculty Research Enhancement Grant** for Spring 2008 from CSU Stanislaus College of Natural Sciences to fund: Reliability of Information on Medical Web Pages: Annotation Study.

**NSF Advance Travel Grant** to attend Forward to Professorship Workshop in Washington, D.C., May 2005.

**ACM SIGIR Travel Grant** to attend Doctoral Consortium in Sheffield England, July 2004.

**Recognized for service to the NMSU Graduate Student Council** at the Graduate Research and Arts Symposium Banquet, April 2004.

**Appointed to President's Commission on the Status of Women at NMSU**, October 2003.

**Acting Director, NMSU Women's Studies Program**, October-November 2002.

**Social Justice Scholarship.** Recipient of a NMSU Department of Government Social Justice Scholarship for work in health service, LGBT rights, women's issues and documenting harassment, February 2002.

**GAANN Fellow.** Awarded GAANN Fellowship by NMSU Department of Computer Science, January 1998 through December 2001.

**Keeper of the Flame Award.** Recipient of Keeper of the Flame Award from Coalition for Equality in New Mexico, September 1998.

**State of New Mexico Commission on Higher Education Graduate Fellowship.** September 1994 through May 1997.

**Institute for Advanced Study (IAS) - Park City Summer School.** Selected as a participant and awarded a scholarship to participate in summer school on Four-Manifold Topology and Geometry and the **Women's Program** at IAS in Princeton in 1994.

**Scholarship from the University of Texas at Austin**, based on academic achievement, 1989-1990 academic year.

**Dean's List** for 1985-1986 academic year, California State University, Hayward.

Lithograph ``Reflections" in 1986 juried student art show, CSU Hayward.

Scored in top 20, nationwide, on 1983 Special Enrollment Examination given by the Internal Revenue Service.

## **TEACHING SUMMARY**

### **COURSES TAUGHT**

#### **California State University, Stanislaus**

Statistics, Discrete Mathematics, Finite Mathematics, Computer Programming I, Computer Programming II, File Structures, Data Structures and Algorithms, Programming Languages (upper division writing proficiency course), Compiler Theory, Artificial Intelligence, Senior Seminar, Practicum in Computer Science, Special Topics in Computer Science: Data Mining, Independent Study in Computer Science Honors Thesis, Independent Study in Computer Science (various topics including Data Mining, Machine Learning, Natural Language Processing, Python Programming, Advance Artificial Intelligence).

#### **New Mexico State University**

C Programming, Calculus I, Calculus II  
Calculus for Engineering Technology

#### **University of Oregon**

College Algebra, Math Symmetry  
University Math 1, University Math 2

### **TA FOR COURSES**

#### **New Mexico State University**

Introduction to Data Structures  
Automata, Languages, Computability (Graduate Course)  
Computer Literacy

## **LANGUAGE FLUENCY**

Native English speaker  
Good reading, writing and speaking skills in Spanish  
Good reading skills in French

## **PROGRAMMING LANGUAGES**

C, C++, Perl, Python  
Some Prolog, Java, ML, Fortran, Lisp

## **SERVICE**

### **California State University, Stanislaus**

#### **To be updated.**

#### **2014 – 2015 Committees (On Sabbatical Fall 2014)**

- COS Budget Planning Committee, Chair
- CVMSA Planning Committee
- Quantitative Reasoning Working Group
- College of Science Undergraduate Poster Celebration Organizing Committee
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2013 – 2014 Committees**

- COS Budget Planning Committee, Chair
- CVMSA Planning Committee
- Quantitative Reasoning Working Group
- Faculty Budget Advisory Committee (FBAC) Spring only
- LSAMP ASA 2 Search Committee, Chair
- Raising the Bar: Take Charge Conference Organizing Committee
- College of Science Undergraduate Poster Celebration Organizing Committee
- Student Success Committee, Ex-Officio
- College of Science Pedagogy Colloquium Organizer
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2012 – 2013 Committees**

- University Writing Committee
- CNS Budget Planning Committee, Chair
- RSCA Policy Committee (RSCAPC)
- CVMSA Planning Committee
- Geography Department Tenure-Track Search Committee
- Raising the Bar: Take Charge Conference Organizing Committee
- College of Natural Science Undergraduate Poster Celebration Organizing Committee
- LSAMP ASA 2 Search Committee, Chair
- Student Success Committee, Ex-Officio
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2011 – 2012 Committees**

- University Writing Committee
- CNS Budget Planning Committee, Chair
- CVMSA Planning Committee
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2010 – 2011 Committees**

- Student Success Committee
- CNS Analyst Search Committee, Chair
- CNS Budget Planning Committee, Chair
- CNS Executive Committee
- RSCA Week 2010

- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2009 – 2010 Committees**

- University Educational Policies Committee (UEPC)
- RSCA Policy Committee (RSCAPC)
- Student Success Committee
- CNS Budget Planning Committee, Chair
- CNS Executive Committee
- RSCA Week 2009, Co-Chair
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair

#### **2008 – 2009 Committees**

- University Writing Committee
- Student Success Committee
- CNS Budget Planning Committee, Chair
- CNS Executive Committee
- RSCA Week 2008, Co-Chair
- Mathematics and Computer Science Speaker Series, Co-Chair
- Computer Science Department Budget Committee, Chair
- Mathematics Department: *Mathematica* Implementation Committee (MIC)

#### **2007 – 2008 Committees**

- University Writing Committee
- Student Success Committee
- RSCA Week 2008, Co-Chair
- CNS Budget Planning Committee, Chair
- Mathematics and Computer Science Speaker Series, Co-Chair
- CS 1500 Committee in Mathematics Department, Co-Chair
- Mathematics Department: *Mathematica* Implementation Committee (MIC)
- Digital Media Program Development

#### **2006 – 2007 Committees**

- Student Success Committee
- CNS Budget and Planning Committee, Founding Chair
- Mathematics and Computer Science Speaker Series, Co-Chair
- Mathematics Department: *Mathematica* Implementation Committee (MIC)
- Computer Science Curriculum Committee
- Cognitive Science Program planning discussions

Dinner with a Scientist, March 2007, March 2008, March 2009, March 2010, March 2011, March 2012, March 2013, March 2014, March 2015, March 2016, March 2017, March 2018

Dinner with a Math of Science Teacher, May 2009

Judge for CSU Stanislaus Graduate Student Research Competition, Turlock, CA, March 2009.

Science Olympiad, Compute This! Coordinator for Division B. March 2007.

### **New Mexico State University**

#### **Departmental**

Organized a group of 5 students and 3 faculty members from the NMSU Computer Science Department to attend the Grace Hopper Celebration of Women in Computing in Chicago, October 6-9, 2004.

Computer Science Graduate Student Organization  
President, Fall 1998 through Summer 1999 and Summer 2002 through Summer 2003  
Treasurer, Fall 1999 through Spring 2002 and Fall 2003 through Spring 2004

NMSU CS AI Seminar, founder and organizer, Fall 2001 through Spring 2003.

Organized student participation in NSF Site Visit for Minority Institution Infrastructure Grant (received).  
Included a student meeting with site visitors and a poster session with 22 research posters. June 2002.

NMSU Mathematics Friday Afternoon Seminar, founder and organizer, June 1995 through May 1996.

NMSU Mathematics Department Graduate Student Liaison  
Fall 1994 through Spring 1996

### **University**

President's Commission on the Status of Women  
Member January 2004 to August 2005  
Member of Subcommittee on Monitoring Trends and Policies  
Attended National NSF-ADVANCE conference in April 2004

Selection Committee for NMSU Government Department Social Justice Award  
Member April 2004, April 2005

NMSU Women's Studies Steering Committee  
Acting Director, October-November 2002  
Member, November 2001 through July 2003

Gay and Lesbian Faculty and Staff at NMSU  
Member, Fall 1994 to August 2005  
Co-Facilitator, Spring 1996 through Spring 1998

Student Health Center Advisory Committee  
Graduate Student Representative, April 2001 through May 2004

Corbett Center Student Union Advisory Board  
Graduate Student Representative, November 1999 through May 2001

NMSU Differential Tuition Committee  
Graduate Student Representative, October 2000

ASNMSU Elections Board  
Graduate Student Representative, Fall 1998 through Spring 2000

### **Student Organizations**

Associated Students of NMSU (ASNMSU) Graduate Student Council  
Webmaster and listserv manager, Fall 2001 through October 2003  
Vice-President and Treasurer, Fall 1998 through Spring 2000  
Judge for Graduate Research and Arts Symposium 2001, 2003  
Organizing Committee for Graduate Research and Arts Symposium 2002, 2003

## OTHER SERVICE

During my time at NMSU I worked to bring educational and cultural events to the NMSU campus and Las Cruces community, particularly around issues of women, LGBT and diversity. Most of these events required fundraising to put them on and some were fundraisers.

### Speakers:

Worked with Center for Educational Development, Student Services, College of Arts and Sciences, LGBF, ASNMSU, Hillel Jewish Student Group, Women's Studies to bring **Jyl Lynn Felman**, noted feminist author and teacher to NMSU campus for 3 events in April 2002.

**Robin Ochs**, bisexual activist and author: Fall 1999

**Emma Perez**, latina author and history professor: Spring 1999

**Tatiana de la tierra**, feminist author: Spring 1999

**Donna Snyder**, author and activist, founder of Tumblewords writers project: Spring 1999

**Shirley Baca**, congressional candidate: Spring 1998

**Katherine Turnipseed**, activist for women's issues in Bosnia: Spring 1998

**Laurie Meeker**, feminist filmmaker: Spring 1998

### Concerts:

**Jamie Anderson**, lesbian feminist singer/songwriter

- November 6, 1997
- November 30, 1999

**The Therapy Sisters**, activist singer/songwriters

- November 13, 1998 (with Nancy Scott)
- November 19, 1999

**Ana Egge**

- March 24, 1999

### Events:

**Rainbow Reception.** Co-founder and organizer of two receptions at NMSU, for faculty, staff and administrators. August 29, 2001 and August 22, 2002.

Produced **Senorita Extraviada Benefit** for Casa Amiga Women's Crisis Center in Ciudad Juarez, Mexico to raise awareness of disappeared and murdered women. The sold out evening included the film *Senorita Extraviada* by Lourdes Portillo, a dinner, a silent auction, a discussion with activists from Mexico and families of the victims, and a candlelight vigil. March 15 2002. I also helped organize a second benefit on April 19, 2002.

Co-Founded and Produced the first four years of the **Gay and Lesbian Film Festival in the Mesilla Valley**. I selected a range of international and domestic films to emphasize education about diversity and political issues, while still providing affordable entertainment. April 1996, 1997, 1998, 1999.

Co-Founded and Produced four **LGBT Awareness Week's** at NMSU. April 1997, 1998, 1999, 2002  
Co-Organized two **Mini-Summits** for LGBT resources and services in Southern NM and West Texas. August 29, 1998 and January 23, 1999.

### Other:

**LBG Listserv**, Owner and moderator: Summer 1996 through Summer 2003 LBG serves as a source of information and a discussion forum for LGBT issues in Southern New Mexico and West Texas.

**Matrix: Southern New Mexico Lesbian Feminist Newsletter.** Published 10 times a year, generally 8-10 pages.

- Co-Editor June 1998 to December 2000.
- Editor January to August 2001.
- Contributing author on wide variety of issues of concern to the community.