

Evelyn Stiller
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Education

Ph.D. in Computer Science from Florida State University **Summer 1996.**
Dissertation title: *A Heuristic Approach to RNA Secondary Structure Prediction.*

M.S. in Computer Science from Florida State University **1989.**
Thesis title: *Knowledge Representation and Elicitation Techniques for Using Mental Constructs in the Design of an Urban Modeling System.*

B.S. in Computer Science from Florida State University **1983.**

Work Experience

Chair, Department Computer Science and Technology July 2003 - Present *Plymouth State University*

Associate Professor August 2002 - Present *Plymouth State University*

Assistant Professor August 1996 - July 2002 *Plymouth State College*

Systems Programmer November 1993 - August 1996: *Supreme Court of Florida.* Responsibilities included installing and upgrading system software on a MVS/ESA operating system.

Teaching Assistant: Florida State University: Fall 1990- Fall 1993.

Instructor: Florida State University, Panama Canal Branch: Summers 1991 & 1992.

Instructor: University of Maryland, European Division: Fall 1989- Spring 1990.

Teaching Assistant: Florida State University: Fall 1988- Summer 1989.

Software Development Consultant 1986-1988: *Information Resource Commission, State*

of Florida. Responsibilities included establishing statewide policy for large scale computer systems development.

Technical Analyst 1985-1986: *Blue Cross and Blue Shield of Florida*. Responsibilities included analysis, design, and programming of IMS-based online application systems.

System project Specialist, Systems Analysis Supervisor, Systems Analyst, and Programmer 1979-1985: *State of Florida, Department of Labor*. Responsibilities included supervising personnel involved in developing CICS-based online application systems.

Teaching Areas/Interests

Computer Science Pedagogy, Programming, Data Structures, Programming Languages, Software Engineering, Artificial Intelligence, Social implications of computing

Research Areas/Interests

Computational molecular biology, Software engineering as related to object-oriented software systems, Fuzzy set theory, Expert systems, Knowledge representation strategies

Refereed Publications

1. LeBlanc, Cathie. and Stiller, E, Teaching Computer Security at a Small College, *Proceedings of the 35th SIGSCE Technical Symposium on Computer Science Education*. ACM press, pages 407-411, March 2004.
2. Stiller, E. and C. LeBlanc, Creating Computer Science Curricula for the New Millennium. *Journal of Computing in Small Colleges*. 18(5), pages 198-207, May 2003.
3. Evelyn Stiller and Cathie LeBlanc, *Project-Based Software Engineering, An Object-Oriented Approach*, Addison-Wesley, Boston, MA ©2002
4. Evelyn Stiller and Cathie LeBlanc, Client/Server Programming in Context of Computing Curricula 2001, *The Journal of Computing in Small Colleges*, pages 122-133, volume 16(4), May, 2001.
5. Cathie LeBlanc and Evelyn Stiller, UML for Undergraduate Software-Engineering, *The Journal of Computing in Small Colleges*, pages 8-18, volume 15(5), May, 2000.

6. Evelyn Stiller and Cathie LeBlanc. Teaching Problem-Solving and Programming Constructs. *The Journal of Computing in Small Colleges*, pages 64-70, volume 14(4), May, 1999.
7. Evelyn Stiller and Gregory Riccardi. String Edits Revisited: A Heuristic Approach to Genetic Analysis. *Proceedings of the 34th Southeast Regional ACM*, pages 101-108 Tuskegee, AL, April 17-18 1996. Southeast Regional ACM (Association for Computing Machinery).
8. Evelyn Stiller and Gregory Riccardi. A Heuristic Approach to RNA Secondary Structure Prediction. In: Robert Geist and Stephen Junkins, editors, *Proceedings of the 33rd Southeast Regional ACM*, pages 277-278, Clemson, SC, March 17-18 1995. Southeast Regional ACM (Association for Computing Machinery).
9. Evelyn Stiller and Gregory Riccardi. The Binary Attributed Relation: A New Knowledge Structure for the Social Sciences. In: William Day, Dai Chang, and Carolyn McCreary, editors, *Proceedings of the Southeast Regional ACM*, pages 78-83, Auburn, Alabama, April 10-12 1991. Southeast Regional ACM (Association for Computing Machinery).

Non-Refereed Publications

1. Evelyn Stiller. Using the Ideal Type to Represent Social Science Information. In: D. Dankel and J. Stewman, editors, *Proceedings of the Sixth Florida Artificial Intelligence Research Symposium (FLAIRS'93)*, pages 279-283, Ft. Lauderdale, Florida, April 18-21 1993.
2. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. An Epistemological Investigation into the Fuzzy Relation. In: Proceedings of the International Conference in Knowledge-based Systems, pages 243-250, Palma de Mallorca, Spain, July 6-10 1992. Universitat de les Illes Balears.
3. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Representing Subjugated Knowledge through New Knowledge Structures. In: George E. Lasker and Robbin Hough, editors, *Advances in Human Systems and Information Technologies*, pages 208-213, Windsor, Ontario, Canada, 1991. International Institute for Advanced Studies in Systems Research. ISBN 0-921-836-07-4
4. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Attributing the Fuzzy Relation. In: James Keller and Raghu Krishnapuram, editors, Proceedings of the Tenth Annual NAFIPS meeting, pages 101-105 North American Fuzzy Information Processing Society (NAFIPS), May 1991.

5. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Issues in Knowledge Elicitation and Social Policy Formulation in a Non-traditional Urban Model. In: George E. Lasker, T. Koizumi, and J. Pohl, editors, *Advances in Information Systems Research*, pages 40-43, Windsor, Ontario, Canada, 1991 International Institute for Advanced Studies in Systems Research. ISBN 0-921-836-08-2
6. Wyllis Bandler, Vasco Mancini, and Evelyn Stiller. Knowledge Representation for a Consultative System on Urban Problems. In: Jay Liebowitz, editor, *Proceedings of the World Congress on Expert Systems*, pages 828-834, Orlando, Florida, December 16-19 1991. Pergamon Press.
7. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Expert System Design: Employing Relational Techniques in Urban Modeling. In: George E. Lasker and Robbin Hough, editors, *Advances in Support Systems Research*, pages 255-259, Windsor, Ontario, Canada, 1990. International Institute for Advanced Studies in Systems Research. ISBN 0-921-836-06-6
8. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Representing Social Policy in a Non-traditional Urban Model. In: *Proceedings of NAFIPS'90: Quarter Century of Fuzzyness*, pages 319-322, Toronto, Canada, June 1990. North American Fuzzy Information Processing Society (NAFIPS).
9. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Understanding Social Relations through Fuzzy Methods. In: *Proceedings of the IFSA*, Seattle, Washington, August 6-11 1989. IFSA'89 (International Fuzzy Set Association).
10. Evelyn Stiller, Wyllis Bandler, and Vasco Mancini. Expert System Design for an Advisory Urban Planning System. In: George E. Lasker, editor, *Advances in Computer Science*, Windsor, Ontario, Canada, 1989. International Institute for Advanced Studies in Systems Research. ISBN 0-921856-03-1.
11. Evelyn Stiller, Stig Lovstad, Wyllis Bandler, and Vasco Mancini. Representing the Social Dimension: Design and Methodology for an Urban Planning System. In: *Proceedings of the Second Annual Florida Artificial Intelligence Research Symposium (FLAIRS'89)*, pages 216-220, Orlando, Florida, April 3-6 1989.

Refereed Presentations

1. Title of talk: Creating Computer Science Curricula for the New Millennium, given at *The Consortium for Computing in Small Colleges, Northeast Conference*, Rhode Island College, Providence, RI, April 2003.

2. Title of talk: Client/Server Programming in Context of Computing Curricula 2001, at the *The Consortium for Computing in Small Colleges Sixth NE Conference*, Middlebury College, Middlebury, VT. April, 2001.
3. Title of talk: Using the Visual Programming Concepts Tool (VPCT) to Teach Programming Concepts. given at an National Science Foundation (NSF) sponsored workshop on engaging women in science, mathematics, and technology in Santa Clara, CA Aug. 5-7 1999.
4. Title of talk: Teaching Problem-Solving and Programming Constructs. at the *The Consortium for Computing in Small Colleges Fourth NE Conference*, Providence College, Providence, RI. April, 1999.
5. Title of talk: String Edits Revisited: A Heuristic Approach to Genetic Analysis. at the *34th Southeast Regional ACM (Association for Computing Machinery) Conference*, Tuskegee, AL, April 17-18 1996.
6. Title of talk: A Heuristic Approach to RNA Secondary Structure Prediction. at the *33rd Southeast Regional ACM (Association for Computing Machinery) Conference*, Clemson, SC, March 17-18, 1995.
7. Title of talk: The Binary Attributed Relation: A New Knowledge Structure for the Social Sciences. at the *30th Southeast Regional ACM Conference*, Auburn, Alabama, April 10-12 1991.

Non-Refereed Presentations

1. Title of talk: Using the Ideal Type to Represent Social Science Information. at the *Sixth Florida Artificial Intelligence Research Symposium (FLAIRS'93)*, Ft. Lauderdale, Florida, April 18-21 1993.
2. Title of talk: Representing Subjugated Knowledge through New Knowledge Structures. *2nd International Symposium on Systems Research, Informatics and Cybernetics* held in Baden-Baden, Germany, Aug. 12-18, 1991
3. Title of talk: Issues in Knowledge Elicitation and Social Policy Formulation in a Non-traditional Urban Model. *5th International Conference on Systems Research, Informatics and Cybernetics* held in Baden-Baden, Germany, Aug. 6-12, 1990
4. Title of talk: Expert System Design: Employing Relational Techniques in Urban Modeling. *2nd International Symposium on Systems Research, Informatics and Cybernetics* held in Baden-Baden, Germany, Aug. 11-16, 1989

5. Title of talk: Understanding Social Relations through Fuzzy Methods. at the *Conference of the International Fuzzy Set Association (IFSA)*, Seattle, Washington, August 6-11.
6. Title of talk: Expert System Design for an Advisory Urban Planning System. at the *4th International Conference on Systems Research, Informatics and Cybernetics* held in Baden-Baden, Germany, August, 1988
7. Title of talk: Representing the Social Dimension: Design and Methodology for an Urban Planning System. at the *Second Annual Florida Artificial Intelligence Research Symposium (FLAIRS'89)*, Orlando, Florida, April 3-6 1989.

Consultation

I presented two hour-long workshops at the University of Maine at Augusta at the request of Nicholas Oorusoff. The talks were entitled *Teaching the Object-Oriented Paradigm* and *Using Sockets and Threads in Java*

Professional Association and Membership

1. Association for Computing Machinery
2. The Consortium for Computing in Small Colleges

Professional Development Activities

1. I attended the NH College and University Conference on September 24, 1999.
2. I attended an NSF sponsored workshop in Santa Clara, CA on engaging women in science, mathematics, and technology during August 5-7, 1999.
3. I attended the NH College and University Conference on September 25, 1998.

Department/College Service

1. I have served on the Women's Studies Council since 1997 and served as chair for two years.

2. I was elected to serve on the General Education Committee in 1998, and have been recently re-elected to serve another three-year term.
3. I was elected to serve on the Curriculum Committee starting fall 2000.
4. I served as the Curriculum Committee representative to the Executive Council for the 1999 academic year.
5. I served as a replacement committee member on the Academic Standards Committee during the 1997 and 1998 academic years.
6. I have been serving as faculty advisor to the ALSO student group since 1999.
7. I served as scribe for the Computer Science Department for the 1996 academic year.
8. I co-presented with Cathie LeBlanc a Faculty-day session on web-page creation in fall 1999.
9. I facilitated and helped organize a 1998 Faculty-day session on feminist pedagogy.
10. I served on two ITS hiring committees.

Outreach

I am volunteering with the Task Force Against Domestic Violence as a hotline volunteer, court advocate, and a technical consultant.