

## Curriculum Vitae

### Scott P. Overmyer

Baker College  
Center for Graduate Studies  
1116 W. Bristol Road  
Flint, MI 48507

-and-

19334 478<sup>th</sup> Avenue  
Toronto, South Dakota 57268  
Phone: +1 605 794 4421 – Cell: +1 605 691 6129

### Education

**PhD - Information Technology (Information & Software Systems Engineering) - 1995,**  
George Mason University, Fairfax, VA. Thesis topic: *A Methodology for the Representation of Requirements Specifications for Large-Scale Systems Using Multimedia Techniques*

**MS - Industrial Engineering/Human Factors - 1983,** University of Iowa, Iowa City, Iowa.  
Thesis topic: *The effects of irrelevant stimulus attributes on retrieval time for color and shape.*

**BA - Psychology - 1979,** University of Colorado, Colorado Springs, Colorado

### Academic Experience

August, 2006 to Present – **Baker College**, Flint, Michigan

Director/Dean – MSIS Program

Baker College Center for Graduate Studies

Responsible for teaching and building a new program in Information Systems, completely online, at the graduate level. The program has gone from 10 to 80 students in 4 years. I manage the program, managed my NSF grant (Baker College's first, now completed), and supervise both full-time and adjunct faculty from my home office in South Dakota. On my initiative, the MSIS program is accredited has been designated a Professional Science Master's Program by the Council of Graduate Schools.

August, 2004 to July, 2006 – **South Dakota State University**, Brookings, South Dakota

Associate Professor

Department of Electrical Engineering, Computer Science, and Software Engineering

Responsible for teaching and conducting research surrounding in software engineering, and building the undergraduate software engineering program.

January, 2001 to August, 2004 – **Massey University**, Albany, Auckland, New Zealand

Associate Professor

Institute of Information and Mathematical Sciences (IIMS)

Discipline Leader – Information Systems Subject Area

Major Co-ordinator – Software Engineering Major – College of Engineering

Responsible for teaching and conducting research surrounding the analysis and design of information systems and software engineering. Industry liaison for the Institute; IIMS representative on the Business Initiatives Group for the Albany Campus.

September, 1997 to December, 2000 - **Drexel University**, Philadelphia, PA

Associate Professor

College of Information Science and Technology

Responsible for teaching and conducting research surrounding the analysis and design of information systems and software engineering. Courses include: Information Systems Analysis and Design - OOAD (INFO 620), Requirements Engineering (INFO 627), Human-Computer Interaction (INFO 609), Software Measurement (INFO 630).

September, 1995 to August, 1997 - **University of Maine**, Orono, ME

Assistant Professor of MIS & Cooperating Assistant Professor of Computer Science:

Responsible for teaching and conducting research regarding management information systems in the College of Business Administration. Courses include: Decision Support Systems, Introduction to Management Information Systems. Also funded to perform research for the National Center for Geographic Information and Analysis specializing in Human-Computer Interaction with Geographic Information Systems (Summer, 1995).

August, 1992 to June, 1995 - **Minot State University**, Minot, ND

Assistant Professor: Responsible for teaching and conducting research regarding information systems in the College of Business. Courses include: Systems Analysis and Design, Human Aspects of Information Systems (HCI), Telecommunications Systems and Networking, Database Management Systems, Introduction to Information Processing. This was my first tenure-track faculty position at the university level.

August, 1982 to July, 1983 - **University of Iowa**, Iowa City, IA - Graduate research assistant - College of Engineering - Manager of human factors computer facility

August, 1981 to July, 1982 - **University of South Dakota** - Graduate research assistant - Human Factors Lab.

## **Commercial Experience**

November 2006 to Present - **Chateau Sylvania Vineyard and Winery** - Toronto, SD  
Owner, Managing Partner

October 2000 to 2004 - **Scotto's Italian-American Deli and Grocery** - Albany, Auckland, NZ  
Owner

March, 2001 to 2002 – **Esphion, Ltd.**, E-Centre, Albany, Auckland  
Consultant: Web site design, software engineering assistance

June, 1996 to 2000 - **Trefoil Corporation**, Orono, ME

Consultant: Responsible for requirements engineering on the U.S. Department of Labor Occupational Network (O\*NET) Database and Development Toolkit. Currently leading development of the Operational Concept Document and associated requirements for the system development toolkit for the U.S. Government's electronic replacement of the Dictionary of Occupational Titles.

October, 1991 to August, 1992 - **DCS Corporation**, Alexandria, VA

Senior Scientist: Responsible for developing usability evaluation plans for U.S. Army Counter-Air command & control systems. Also responsible for contributing human engineering expertise and information systems engineering expertise to proposals and current contracts. Contributor to Software Operational Test and Evaluation Plans (SOTEP) for Army Operational Test and Evaluation Command (OPTEC).

January, 1990 to February, 1992 - **George Mason University**, Fairfax, VA

Research Instructor: Center of Excellence in Command, Control, Communications & Intelligence. Responsible for technology research in the areas of rapid prototyping, system and software requirements analysis, and human-computer interface design. Responsible for CASE tools collection and maintenance, guest lectures on rapid prototyping and HCI design, and proposal writing and research marketing.

April, 1989 to January, 1990 - **CONTEL Technology Center**, Fairfax, VA

Member of the Technical Staff: Responsible for technology research in the areas of rapid prototyping, voice/speech input and output, and human-computer interface design. Assigned as CTC consultant to CONTEL Federal Systems due to my background in federal and defense systems.

April, 1988 to April, 1989 - **TRW Federal Systems Group**, Fairfax, VA

Manager - Research and Technology Center - TRW Systems Division.  
Provided human factors, requirements engineering, human-computer interface design, rapid prototyping, systems engineering, marketing and other support to business units within Systems

Division. Supported numerous proposal efforts; provided extensive briefings on iterative system design methodologies, and provided hardware installation and maintenance in my facility.

November, 1987 to Present - **User-System Interface Design Consultants (USIDC)**.

Private consultant in, requirements analyses, rapid software prototyping modeling and simulation and interactive system design, development and installation. (Software and hardware systems.)

**Contracts With:** TRW, CONTEL Federal Systems, Federal Bureau of Investigation, CoGenTex.

August, 1983 to October, 1987 - **TRW Defense Systems Group**, Colorado Springs, CO; Redondo Beach, CA; Omaha, NE; Seoul, Korea; Fairfax, VA.

Accepted a variety of assignments on government programs and Independent Research and Development (IRAD) efforts, leading to a position as Manager of the Command Support Division Rapid Prototyping Facility from 1985 - 1987. Performed Human Factors and Requirements Engineering including human-computer interface design on a number of large-scale C3I information systems. *Principal investigator for over \$600,000 in User Engineering and Rapid Prototyping IR&D projects.*

## **Honors/Awards**

August, 1996 - Technical Program Chair and Co-Chair - EWHCI'96 - East-West Human-Computer Interaction Conference - Moscow, Russia

Summer, 1994 - NASA/ASEE Summer Faculty Fellowship - Selected for research award at Johnson Space Center, Flight Crew Support Division, Human-Computer Interaction Laboratory. Research project was to develop the user interface to a new video control system which allows crew members to configure audio and video equipment to record and view events, and to downlink events from the Space Shuttle to the ground.

Summer, 1993 - NASA/ASEE Summer Faculty Fellowship - Selected for research award at Johnson Space Center, Flight Crew Support Division, Human-Computer Interaction Laboratory. Research project was to evaluate the manner in which non-routine maintenance procedures are developed for Space Station, and to design and evaluate the HCI to an automated system (MILP) to assist in this process.

Member (1993 to 1995), Board of Directors - Center for International Business - Minot State University

Co-Chair - ITaP'93 - Information Technology and People - 1993, Moscow, Russia.

## **Grants and Contracts**

1-January-2010

Improving the Quality and Efficiency of the Federal Workforce by combining Telework, Performance Metrics, and Life-Long Learning

IBM Center for the Business of Government, \$20,000

1-October-2007 to 30-September-2008

Establishing Virtual Worlds as Contextual Basis for an IT Curriculum  
National Science Foundation, Award #0741700, \$69,938

1-March-2005 to 30-June-2006

Specification and Design Defect Identification via Rapid Prototyping  
NASA-EPSCoR Program Initiation Grant (PIG), \$17,715 (including matching funds)

25-July-2003

Fund for Innovation & Excellence In Teaching (FIET) – Massey University  
Virtual Worlds for Teaching Systems Analysis, \$9,500

1-August-2002 to 30-December-2002

Subcontractor – North Shore Schools Net program – A support program for primary and secondary schools in the Auckland Area, \$6,000

1-December-1999

Project Manager - soccerlife.com, Contract with Bluestone Consulting, \$18,000.

1-July-1999

Program Director - Pennsylvania Governor's School for Information Technology, Pennsylvania Department of Education, \$250,000 per year for initial 2 years, with our option to continue indefinitely (\$300,000 second year budget).

1-October-1994 (added to existing grant 1-September-1998)

Co-Principal Investigator – “Human Resources for Information Systems Management” W. K. Kellogg Foundation, \$1,100,000.

1-September-1997

Principal Investigator - Evaluation Contract “Design Expert: Knowledge-Based Software Engineering” CoGenTex/USAF Rome Laboratories, \$162,296.

1-October-1996

Egenhofer, Max J. & Overmyer, Scott P. “Multi-modal Spatial Querying” National Science Foundation, \$482,606 (est total).

## **Teaching/Lecturing**

2006-Present - Baker College, Center for Graduate Studies

Director/Dean - MSIS Program, Baker College Center for Graduate Studies

Management Information Systems Seminar (Graduate - MIS501)

Information Security (Graduate - MIS601)

System Analysis and Design (Graduate - MIS611)

Systems Architectures (Graduate - MIS621)  
Information Systems Integration Project I (Graduate - MIS631)  
Information Systems Integration Project II (Graduate - MIS632)  
Research and Statistics for Managers (Graduate - BUS678)

2004 – 2006 – South Dakota State University

Associate Professor – Dept of Electrical Engineering and Computer Science

Foundation of Software Engineering (Undergraduate – SE270)  
Software Requirements & Formal Specifications (Undergraduate – SE320)  
Human Factors & User Interface (Undergraduate - SE330)  
Software Architecture (Undergraduate – SE340)  
Software Test and Quality Assurance (Undergraduate – SE410)  
Software Project Management (Undergraduate – SE420)  
Software Engineering for Game Development (Dual Level – SE492/592)

2000 – 2004 – Massey University

Associate Professor – Institute of Information and Mathematical Sciences

Research Methods (Post-graduate – 157.750)  
Systems Analysis and Design (Undergraduate – 157.221)  
Design of Web-Based Systems (Undergraduate – 157.250)  
Information Systems Project Paper (Undergraduate – 157.321)  
User Interface Design and Evaluation (Post-graduate – 157.757)

1997 – 2000 – Drexel University

Associate Professor – College of Information Science and Technology  
(Adjunct Associate Professor – IST Online 1997-**Present**)

Information Systems Management (Graduate – INFO 646)  
Human-Computer Interaction (Graduate – INFO 608)  
Introduction to Systems Analysis and Design (Graduate – INFO 503)  
Software Evaluation (Metrics) (Graduate – INFO 630)  
Requirements Engineering and Management (Graduate – INFO 627)  
Information Systems Analysis and Design (Graduate – INFO 620 - Object-Oriented  
A&D using UML)  
Introduction to Systems Analysis and Design (Graduate – INFO 503)  
Human-Computer Interaction (Undergraduate – INSYS 110)  
Introduction to Information Systems (Undergraduate – INSYS101)  
Expert Consulting Systems (Undergraduate – INSYS 450)

1995 - 1997 - University of Maine

Assistant Professor of MIS - College of Business Administration  
Cooperating Assistant Professor - Department of Computer Science

Introduction to Management Information Systems

Decision Support Systems for Management  
Management Information Systems (Graduate - MBA Program)

1993, September - 5-Day Custom Intensive Course - Human Factors in C<sup>2</sup>I Systems  
MacDonnell-Detweiler, Vancouver, B.C., Canada

1992 - 1995 - Minot State University - Assistant Professor - College of Business

Introduction to Information Processing  
Telecommunications Systems Management  
Systems Analysis and Design  
Database Management Systems  
Human Aspects of Information Systems (HCI)  
Independent Study in Systems Analysis

1986 - 1991 - Lecturer for Armed Forces Communication and Electronics Association  
Professional Development Seminars:

Decision Support System Design and Development  
Requirements Engineering and Rapid Prototyping  
Computing for Executives  
Human Factors Considerations In C<sup>3</sup>I Systems Design and Development

## **Presentations**

Overmyer, S.P. (2011, April) *Using Pedagogical Agents to Support the Formation of Synthetic Communities of Practice*, 2011 Annual Meeting of the American Educational Research Association (AERA 2011), New Orleans, Louisiana, USA.

Overmyer, S.P. (2009, March 27) Using 3D Virtual Worlds for Teaching and Integrating an IS Curriculum, 7<sup>th</sup> Annual eLearning 2.0 Conference, Drexel University, Philadelphia, PA.

Overmyer, S.P. (2008, April) Bakerville—A Domain for Teaching Software Engineering Concepts & Practices, 1st Annual Federal Virtual Worlds Expo: Implementing the Future, National Defense University, Washington, DC.

Overmyer, S.P. (1999, March) Key Issues for U.S. Foreign Policy in the Information Age, Invited Presentation to the World Affairs Council of Philadelphia.

Overmyer, S.P. (1998, July) Applications of Pedagogical Agents in the SAVI (Skill Acquisition through Virtual Interaction) Project Environment, Presentation to the Workshop on Intelligent Pedagogical Agents, Conference on Intelligent Tutoring Systems (ITS'98), San Antonio, TX.

Overmyer, S.P. (1997, June) GIS in Business Education, In: (On-line - <http://www.spatial.maine.edu/ucgis/testproc/overmyer/overmyer.html>) Proceedings of

the UCGIS 1997 Annual Assembly and Summer Retreat, University Consortium for Geographic Information Science, Bar Harbor, ME.

Overmyer, S.P. (1997, March) Software Requirements Engineering Approaches for Large-Scale Interactive Systems, Presentation to the Maine Software Developer's Association Annual Breakfast, Orono, ME.

Overmyer, S.P. (1996) Systems Approaches to Innovative Thinking. Presentation to the University of Maine CEO Forum - Division of Industrial Cooperation.

Overmyer, S.P. (1991, June) Validating System and Software Requirements: Extending the Davis-Jordan Requirements Metamodel to the "User's View", 2nd International Workshop on Rapid System Prototyping, IEEE, Research Triangle Park, NC.

Overmyer, S.P. (1989, November) Rapid Prototyping Tools and Techniques, Invited presentation, CECOM Technical Cooperation Program Technical Panel on Software Engineering (TTCP XTP-2) U.S. Army, Requirements Engineering and Rapid Prototyping Workshop, Ft. Monmouth, N.J.

McLaughlin, L.L., Overmyer, S.P. and Valt, L.G. (1986, November) User Engineering, Tutorial, Fall Joint Computer Conference (ACM-IEEE), Dallas, TX.

Overmyer, S.P. (1987, May) Graphic Production and Visual Early Warning Systems for Top Management, Panel, National Computer Graphics Association, Computer Graphics '87, Anaheim, CA.

Overmyer, S.P. and Campbell, H.E., Jr. (1984, October) [Rapid Prototyping - An approach to user interface design](#). Paper presented at the 28th Annual Meeting of the Human Factors Society, San Antonio, TX.

## **Edited Volumes**

Overmyer, Scott P. and Gornostaev, Juri (Eds.) Proceedings of the 6th East-West International Conference on Human-Computer Interaction, Moscow, Russia; August 12-16, 1996.

## **Refereed Conference Papers and Technical Reports**

Overmyer, S.P. (2007, November) Can Learning Task Analysis and Modeling be Useful AND Fun? *AIS SIGHCI Newsletter*, 6(2), 6-7.

Dadgostar, F., Sarrafzadeh, A., Overmyer, S., DeSilva, L.(2006, November) Is the Hand really quicker than the Eye? Variances of the Mean-Shift algorithm for real-time hand and face tracking, *Accepted for publication in the proceedings of IEEE International Conference on Computational Intelligence for Modelling, Control and Automation*, 28 Nov-1 Dec, Sydney, Australia.

- Ciliberti, C and Overmyer, S.P (2006, September) The Impact of Open Architecture on US Navy's AEGIS Requirements Engineering. *Accepted for presentation and publication in the Proceedings of the Conference on Maritime Systems and Technology for Defence, Security and Safety*, Nice, France, September 2006.
- Dadgostar, F., Sarrafzadeh, A., and Overmyer, S.P. (2006, July) Genetic Algorithms and Long-Haar features: A Method for Object Detection. *Accepted for presentation and publication in the Proceedings of the 3rd International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA 2006)*, Orlando, USA, July 20-23, 2006..
- Dadgostar, F., Ryu, H., Sarrafzadeh, A., and Overmyer, S.P. (2005, November) Making sense of student use of non-verbal cues for intelligent tutoring systems. *Proceedings of the 19th conference of the computer-human interaction special interest group (CHISIG) of Australia on Computer-human interaction: citizens online: considerations for today and the future, OZCHI '05*, Canberra, Australia, 1-4.
- Dadgostar, F., Sarrafzadeh, A., Overmyer, S.P. (2005, October) Face Tracking Using Mean-Shift Algorithm: A Fuzzy Approach for Boundary Detection, *Lecture Notes in Computer Science 3784 (Springer)/The Proceedings of the International Conference on Affective Computing & Intelligent Interaction*, Beijing, China, 56-63.
- Dadgostar, F., Sarrafzadeh, A., Overmyer, S. (2005) An Adaptive Real-Time Skin Detector for Video Sequences, In: H.R. Arabnia (Ed.) *Proceedings of International Conference on Computer Vision (VISION05)*, Las Vegas, Nevada, 65-70.
- Biglari-Abhari, M., Bigdeli, A., Fan, C., Sarrafzadeh, A., Overmyer S. P. (2003, December) FPGA Implementation of Facial Expression Analysis for Intelligent Tutoring Systems, *Proceedings of the mICTE*, Spain, 1985-1989.
- Fan, C., Sarrafzadeh, A., Overmyer, S. P., Gholam Hosseini, H., Biglari-Abhari, M., Bigdeli, A. (2003, December) A Fuzzy Approach to Facial Expression Analysis in Intelligent Tutoring Systems, *Proceedings of the mICTE*, Spain, 1933-1937.
- Overmyer, S., Hosseini, H., Fan, C., Sarrafzadeh, A. (2003, November). A facial expression analysis component for affective tutoring systems. *Proceedings of the IADIS International Conference WWW/Internet 2003*, Algarve, Portugal, 1003-1008.
- Sarrafzadeh, A., Gholam Hosseini, H., Fan, C., Overmyer S. P., (2003) Using Machine Intelligence to Estimate Human Cognitive and Emotional States from Non-Verbal Signals, *Proceedings of the IEEE International Conference on Advanced Learning Technologies (ICALT 2003)*, Athens, Greece, 336-337.
- Sarrafzadeh, A., Page, C., Overmyer S. P., Fan, C., Messom, C., (2003, July) The Next Generation Intelligent Tutoring System, In: H.U. Hoppe et al (Eds.) *Proceedings of the*

International Conference on Artificial Intelligence in Education (AIED), IOS Press, Sydney, Australia, 500-502.

Sarrafzadeh, A., Page, C., Overmyer, S., Messom, C., Mills, B., Pritchard, S., Bigdeli, A., Biglari-Abhari, M., Hosseini, H., (2003) Development of an Innovative Intelligent Tutoring System in an E-Learning Environment, Proceedings of the Enterprise 2003 Hawaiian International Faculty Student Conference, Honolulu, HI, USA, p 129-132.

Miller, R. & Overmyer, S.P. (2001, November) Deriving the “User View” from Analysis and Design Models of Requirements. In: Proceedings of the AWRE’2001, Sydney, Australia, pp. 61-69.

Overmyer, S.P., Lavoie, B., and Rambow, O. (2001, May) Conceptual modeling through linguistic analysis using LIDA. In: Proceedings of ICSE 2001, Toronto, Canada.

Overmyer, S.P. (1999, June) The Use of Scenarios in Developing, Validating, and Specifying Requirements for Interactive Systems: A case study from a NASA project. Paper presented at REFSQ'99, Heidelberg, Germany. <http://www.ifi.uib.no/konf/refsq99/papers.html>.

Overmyer, S.P. (1999, February) White Paper: Midatlantic Institute for Medical Informatics (MIMI): *Preparing for 21<sup>st</sup> Century Health Care Challenges through Information Technology*, Drexel University College of Information Science and Technology; and School of Biomedical Engineering, Science and Health.

Overmyer, S.P., Harrington, T.L., and Bidyuk, P.I. (1998, May) Kiev Chapter Holds Workshop. Human Factors and Ergonomics Society Bulletin, 41(5), p. 4.

Overmyer, S.P. (1995) Capturing, Analyzing, and Representing Requirements for Large-Scale Command, Control, and Intelligence (C<sup>2</sup>I) Information Systems Using Electronic Multimedia. In: Proceedings of the 1995 IEEE International Conference on Systems, Man, & Cybernetics, Vancouver, B.C., 3932-3937.

Overmyer, S.P. (1994, August) Technical Report: HCI Design and Rapid Prototyping for the Payload Video Console (PVC) System, National Aeronautics and Space Administration (NASA), Johnson Space Center.

Overmyer, S.P. (1993, August) Technical Report: A Comparative Evaluation Plan for the Maintenance Inventory and Logistics Planning (MILP) Human-Computer Interface (HCI), National Aeronautics and Space Administration (NASA), Johnson Space Center.

Davis, A.M., Overmyer, S.P., Jordan, K, et al (1993, May) Identifying and measuring quality in a software requirements specification. In: Proceedings of the 1st International Software Metrics Symposium, Baltimore, Maryland, IEEE Computer Society Press.

- Overmyer, S.P. (1991, September) Revolutionary vs. evolutionary rapid prototyping: balancing software productivity and HCI design concerns. In: Proceedings of the 4th International Conference on Human-Computer Interaction, Stuttgart, Germany.
- Overmyer, S.P. (1991, June) The role of human-computer interface design in adaptive systems. In: Proceedings of the Symposium on Associate Technology, DARPA/George Mason University, Fairfax, VA.
- Overmyer, S.P. (December, 1991) White Paper: Maximizing End User Influence Over Software Design and Development. Contract #DCA100-91-C-003, Technical Report; Center of Excellence in Command, Control, Communications and Intelligence; George Mason University; Fairfax, VA.
- Overmyer, S.P. (March, 1990) Throwaway vs. Evolutionary Prototyping: A Software Productivity Perspective. Technical Report; Center of Excellence in Command, Control, Communications and Intelligence; George Mason University; Fairfax, VA.
- Overmyer, S.P. (January, 1990) Survey of Rapid Prototyping Tools for C3I Requirements Definition and User-Computer Interface Design. Technical Report; Center of Excellence in Command, Control, Communications and Intelligence; George Mason University; Fairfax, VA.
- Overmyer, S.P. (October, 1990) [The Impact of DoD-Std-2167A on Iterative Design Methodologies: Help or Hinder?](#). ACM SIGSOFT Software Engineering Notes, 15(5), 50-59.
- Overmyer, S.P. (1989) Survey of Rapid Prototyping Tools for User-computer Interface Design. Technical Note 8901, CONTEL Technology Center, Fairfax, VA.
- Overmyer, S.P. (1987) Rapid Prototyping in the design of large-scale interactive information systems. Human Factors Society Bulletin, 30(1), 3-4.
- Melde, J.E., Overmyer, S.P. and Trowbridge, T.L. (1985, March) Simulation and display prototyping in the design of man-machine systems. In Proceedings of the Eighteenth Annual Simulation Symposium (pp. 235-253) Tampa, FL: Society for Computer Simulation.
- Overmyer, S.P., Prokop, L.J., and Ellingstad, V.S. (1982) Human factors considerations in software development and interactive system design: Critical summary and annotated bibliography (PMTC-USN Contract No. N0429A-81N4130) University of South Dakota, Vermillion, SD.

## **Book Chapters**

- Sarrafzadeh, A., Shanbehzadeh, J., and Overmyer, S. (2011) E-Learning with Affective Tutoring Systems. In S. Stankov, V. Glavinić and M. Rosić (Eds.) *Intelligent Tutoring Systems in E-*

*Learning Environments: Design, Implementation and Evaluation*, (pp. 129-140). Hershey: IGI Global.

## **Journal Publications**

- Veletsianos, G., Heller, R., Overmyer, S., & Procter, M. (2010). Conversational Agents in Virtual Worlds: Bridging Disciplines. *British Journal of Educational Technology*, *41*(1), 123-140.
- Lal, R. and Overmyer, S. (2008) User interface design practice for the web in New Zealand, *International Journal of Web Engineering and Technology*, *4*(3), 267-285.
- Sarrafzadeh, A., Messom, C., Overmyer, S.P., Mills, B., Hosseini, H.G., Fan, C., Bigdeli, A., Biglari, M. (2002) The future of computer-assisted management education and development, *International Journal of Management Literature*, *2*(3&4), 214-229.
- Procaccino, J.D., Verner, J.M., Overmyer, S.P., and Darter, M.E. (2002, January) Case study: factors for early prediction of software development success., *Information and Software Technology*, *44*, 53-62.
- Vernor, J., Overmyer, S., and McCain, K. (1999, November) In the 25 years since The Mythical Man-Month what have we learned about project management?, *Information and Software Technology*, *41*, 1021-1026.
- Overmyer S. (1999). If only my intelligent pedagogical agent could ... ! *Educational Technology & Society*, *2*(1), 4-6.
- Overmyer, S.P. (1999, May) A Methodology for Constructing User-Oriented Requirements Specifications for Large-Scale Systems Using Electronic Hypermedia, *Requirements Engineering*, *4*(1), 1-18.
- Artim, J., van Harmelen, M., Butler, K., Gulliksen, J., Henderson, A., Kovacevic, S., Lu, S., Overmyer, S., Reaux, R., Roberts, R., Tarby, J-C., Vander Linden, K. (1998, October) Incorporating Work, Process And Task Analysis Into Commercial And Industrial Object-Oriented Systems Development: A CHI 98 Workshop, *SIGCHI Bulletin*, *30*(4), 7-12.
- Simon, J.R., Paullin, C., Overmyer, S.P., and Berbaum, K. (1985) Reaction time to word meaning and ink color of laterally-presented Stroop stimuli: Effects of handedness and sex. *International Journal of Neuroscience*, *28*, 21-33.
- Overmyer, S.P. and Simon, J.R. (1985) The effect of irrelevant cues on "Same-Different" judgements in a sequential information processing task. *Acta Psychologica*, *58*, 237-249.
- Simon, J.R. and Overmyer, S.P. (1984) The effect of redundant cues on retrieval time. *Human Factors*, *26*(3), 315-321.

## **Graduate Student Supervision**

### **Principal Supervisor:**

Ralph Miller, Ph.D. - Drexel University - Graduated 2002 - "Learning and using requirements representation notations by information technology professionals"  
Ramesh Lal – Master’s Candidate - Massey University – 2004 – "User interface design practice for web sites and web-based applications in New Zealand"

### **Committee Member:**

5 Ph.D. committees, 14 M.S. committees,

## **Professional Membership/Service**

Association for Information Systems (AIS) – Member

Association for Computing Machinery – Senior Member

ACM SIGCHI – Member

PhiCHI - Philadelphia Local SIGCHI Chapter - Founding Chair

SIGCHI Paper Reviewer 1994-Present

SIGCHI Associate Paper Chair - 1999

IEEE Computer Society – Member

Drexel University (previously)

Budget, Planning & Development Committee of the Faculty Senate

Douglas Englebart Award Committee

Curriculum Committee – School of Biomedical Engineering, Science & Health

Human Factors and Ergonomics Society – Past Member

- Past Newsletter Editor – Virtual Environments Technical Group

- Past Chair - System Development Technical Group

- Past Newsletter Editor - System Development Technical Group

## **Elective/Political Office**

School Board - Old Town, Maine (1996-97)