DR. DARREN A. DENENBERG

Department of Informatics
Donald Bren School of Information and Computer Sciences
The University of California, Irvine
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EDUCATION:

Ph.D.	**University of Maryland, Baltimore County**	December 2001

Information Systems Management

Concentrations: *Human Computer Interaction, Human Factors, Decision Science, Visual Search, Social Computing, Systems Analysis and Design, Interface Design*

Dissertation Title: *The Effectiveness of Using Non-Textual Color and Shape Information Presentation on User Decision-Making for Accurately Assessing Status Information Presented on a Visual Display in Time-Critical Environments*

M.S.	**University of Maryland, Baltimore County**	May 1998

Information Systems

B.S.	**University of Maryland, Baltimore County**	December 1993

Cognitive/Physiological Psychology

ADDITIONAL RELEVANT COURSEWORK (Johns Hopkins University)

Financial Accounting
Marketing

TEACHING EXPERIENCE / INTERESTS

Systems Analysis and Design, Project Management, Enterprise Computing, Human Computer Interaction, Human Factors, Interaction Design, Social/Psychological Computing, Foundations of Computer Based Systems, Communities, Information Systems Concepts, Video Game Industry

PROFESSIONAL MEMBERSHIPS / HONORS / AWARDS

Association for Computing Machinery (ACM)
Institute of Electrical and Electronics Engineers (IEEE)
Association for Information Systems (AIS)
Phi Kappa Phi National Honor Society

Awarded 'Best Paper in Session' for *An Automated, Rule-Based Student Academic Advising System: An Overview – Part I of a Series*, for a session I co-chaired on the application of technology in education.

TEACHING EXPERIENCE

University of California, Irvine   August 2015 – Present
Lecturer

- *INF 125 / CS 113: Computer Game Development*

- *INF 131: Human-Computer Interaction*

- *INF 139W: Technical Writing*

- *INF 148: Ubiquitous Computing*

- *INF 161: Social Impacts of Computerization*

- *INF 191 A/B: Two-quarter Senior Capstone*

- *INF 248: Ubiquitous Computing (Graduate)*

- *INF 284: Advanced Design and Prototyping (Graduate, Hybrid)*

- *INF 288: Graduate Capstone (Graduate, Hybrid)*

Nevada State College   December 2011 – August 2015
Lecturer

- *IS 301: Management Information Systems*

University of Nevada, Las Vegas   September 2006 – May 2013
Lecturer

- *MIS 301: Management Information Systems*

- *MIS 475: Database Design and Implementation*

- *MIS 383: Business Intelligence*

- *MIS 477: Business Data Communications*

- *MIS 479: Human-Centered Computing*

- *MIS 474: The Business and Technology of the Video Game Industry*

- *MIS 490: Independent Study in Information Systems*

University of Maryland, Baltimore County   June 1998 – May 2005

- *IFSM 201: Introduction to Computer Based Systems*

- *IFSM 202: Structured Systems Analysis and Design*

- *IFSM 400: Individual Study in Information Systems*

- *IFSM 636: Advanced Systems Analysis and Design (Graduate)*

- *IFSM 700: Independent Study in Information Systems (Graduate)*

University of Maryland, Baltimore County (Online Courses) January 2001 – May 2005

- *IFSM 634: Systems Analysis and Design – Online Graduate Course*

- *IFSM 699: Graduate Capstone Course – Online Graduate Course*

- *IFSM 641: Human Computer Interaction – Online Graduate Course*

UNIVERSITY SERVICE / COMMITTEES (UCI)

- Beall / Butterworth mentor   January 2016 – May 2016
- Judge, Deloitte Startup Competition   June 2016
- Evaluator, Test for Oral English Proficiency   January 2016 - Present

UNIVERSITY SERVICE / COMMITTEES (UNLV)

- Undergraduate Committee (Chair)   September 2007 – May 2013
- Web Committee   January 2008 – May 2013
- Faculty Interaction Program   August 2009 – May 2013
- Student Conduct Hearing Panel   August 2009 – May 2013
- Mentor, McNair Scholars program   January 2010 – December 2010

UNIVERSITY SERVICE / COMMITTEES (UMBC)

- Web Committee (Chair)   January 2004 – May 2005
- Residential Life Faculty Mentor   April 2003 – May 2005
- Faculty Affairs Committee   April 2003 – May 2005
- Undergraduate Committee   May 2002 – May 2005
- Course Restructuring and Realignment Committee   January 2001 – May 2005
- Undergraduate Academic Advisor (over 400 Students)   May 1998 – May 2005
- Facilities Committee   April 2001 – May 2002
- Marketing Committee   March 2000 – December 2000

PUBLICATIONS / PRESENTATIONS

Denenberg, D (2008) *The Information Layering Approach: A Technique for Formally Notating Multiple Communications in a Single Information Display Presentation, and an Algorithm for Calculating Attentive Decay.* Proceedings of the 2nd International Conference on Applied Ergonomics, Las Vegas, Nevada, 2008.

Denenberg, D (2005) *The Effect of Color and Layering on Comprehension of Multi-Layered E-mail Messages*. Proceedings of the 11th International Conference on Human-Computer Interaction, Las Vegas, Nevada, 2005.

Denenberg, D (2004) *Color as a Decision-Making Aid in the Human-Computer Interface*. Proceedings of the 8th World Multi-Conference on Systemics, Cybernetics, and Informatics, Orlando, Florida, 2004.

Denenberg, D. and Smith, D. (2003). *An Automated, Rule-Based Student Academic Advising System: An Overview – Part I of a Series*. Proceedings of the 7th World Multiconference on Systemics, Cybernetics and Informatics (SCI), Orlando, Florida, 2003, 131-134.

Denenberg, D. (2001). *Non-textual Methods for the Conveyance of Information.* Proceedings of the 1st International Conference on Universal Access in Human - Computer Interaction (UAHCI), New Orleans, Louisiana, 130-133.

Denenberg, D., Lazar, J. and Norcio, A. (2000). *Interface Considerations in Designing Online Communities: A Case Study*. Proceedings of the 2000 World Multiconference on Systemics, Cybernetics, and Informatics, Orlando, Florida, 526-531.

Invited speaker - Lattanze Business Center, Loyola University, Timonium, Maryland (2000) *"Non-Textual Informational Signals in Time-Critical Environments"*

PROFESSIONAL ACTIVITIES

- Chair, ACM GameSIG, UCI Chapter (2018 – present)

- Advisory Board Member, PipelineVR (2016 – present)

- Keynote Speaker, National LECET's annual conference on Technology (June 2008)

- Member, Baltimore County Economic Development Board (2002 – 2003)
  Member of panel of academics and industry executives tasked with attracting electronic entertainment and technology companies to the Baltimore County area.

- Co-Chair, 7th World Multiconference on Systemics, Cybernetics, and Informatics
  Co-Chair of session presenting research into the development and application of technology in education.

- Reviewer, *Journal of Systems and Software*

- Reviewer, *International Journal of Human Computer Interaction*

- Reviewer, *IEEE Transactions on Systems, Man, and Cybernetics*

- Textbook Reviewer: Whitten, Jeffery L., L. D. Bentley & K. C. Dittman, *Systems Analysis and Design Methods*, Sixth Edition, New York: McGraw-Hill 2004

- Book Proposal Reviewer: Te'eni, D., J. Carey, & P. Zhang, *Human-Computer Interaction: Designing Effective Organizational Information Systems*, Addison-Wesley Higher Education

- Peer Reviewer, *2004 International Conference on Computing, Communications and Control Technologies*

- Peer Reviewer, Association for Information Systems Special Interest Group on Cognitive Research, *Third Annual Information Systems Cognitive Research Workshop, 2004*

- Peer reviewer, International Journal of Human-Computer Interaction

- Peer reviewer, International Journal of Human-Computer Studies

- Peer reviewer, Behaviour and Information Technology

ADDITIONAL RELEVANT ACTIVITIES

- Co-founder of theexperiencebar.com, a gaming news and information website

- Founder and sole manager of IS301.com, a technology news and information website