

JENNIFER GOLBECK - CURRICULUM VITAE

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College Park, Maryland 20742

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Citizenship: USA

Current Positions and Appointments

University of Maryland, College Park, College Park, Maryland
Assistant Professor, College of Information Studies, August 2007 - present
Affiliate Assistant Professor, Computer Science, Spring 2008 - present
Assistant Director, Center for Information Policy and E-Government

Education

University of Maryland, College Park, Maryland (2001 - 2005)
Ph.D. in Computer Science, April 2005
Dissertation Title: "Computing and Applying Trust in Web-based Social Networks"

University of Chicago, Chicago, Illinois (1999 - 2001)
S.M. in Computer Science, June 2001
Masters Thesis: "Genetic Algorithms for Strategic Optimization"

University of Chicago, Chicago, Illinois (1995 -1999)
S.B. in Computer Science, June 1999
A.B. in Economics, June 1999

Past Appointments

University of Maryland, College Park, College Park, Maryland
Research Director, Joint Institute for Knowledge Discovery (JIKD), and
Researcher Associate, University of Maryland Institute for Advanced Computer Studies,
May 2005 - August 2007
Graduate Research Assistant, Computer Science Department, August 2001 - May 2005

American University, Washington, District of Columbia
Adjunct Professor, Computer Science Department, August 2006 - December, 2006

George Washington University, Washington, District of Columbia
Adjunct Professor, Computer Science Department, August 2001 - May 2005

Georgetown University, Washington, District of Columbia
Adjunct Lecturer, Computer Science Department, June 2001 - May 2003

Johns Hopkins University, Advanced Physics Laboratory, Baltimore, Maryland
Adjunct Professor, Masters in Engineering Program, Summer 2002

George Mason University, Fairfax, Virginia
Adjunct Professor, Computer Science Department, Fall 2001

University of Chicago, Chicago, IL
Lecturer, the College and Division of Physical Sciences, June 1999 - June 2001
Lecturer, the Computer Science Professional Program, June 2000 - June 2001

Argonne National Laboratory, Argonne, IL
Visiting Graduate, Mathematics and Computer Science Division, Summer 2000

Books Authored

Jennifer Golbeck, Computing and Applying Trust in Web-based Social Networks, doctoral dissertation, 2005.

Jennifer Golbeck, Art Theory for Web Design. Boston, MA: Addison-Wesley, 2005.

Books Edited

Jennifer Golbeck (ed). Computing with Social Trust and Reputation, Springer: Secaucus, New Jersey, 2008.

Aberer, K., Choi, K.-S., Noy, N., Allemang, D., Lee, K.-I., Nixon, L., Golbeck, J., Mika, P., Maynard, D., Mizoguchi, R., Schreiber, G., Cudré-Mauroux, P. (Eds.) The Semantic Web - 6th International Semantic Web Conference, 2nd Asian Semantic Web Conference (proceedings), Lecture Notes in Computer Science, Vol. 4825, November 2007.

Book Chapters

Jennifer Golbeck, Ugur Kuter. 2008. "The Ripple Effect: Change in Trust and Its Impact over a Social Network" in Computing with Social Trust and Reputation. Jennifer Golbeck (ed.). Springer.

Jennifer Golbeck, Aaron Mannes, James Hendler, 2006. "Semantic Web Technologies for Terrorist Network Analysis," in Information Technologies and Enabling Policies for Counter Terrorism. Robert Popp and John Yen (eds). Wiley-IEEE Press.

Jennifer Golbeck and Paul Mutton, 2005. "Spring-embedded Graph Visualizations of Semantic Metadata and Ontologies," in Visualizing the Semantic Web, 2nd Ed., Vladimir Geroimenko, Chaomei Chen (eds.). Springer Verlag.

Chapters in Paul Mutton, IRC Hacks, O'Reilly Associates: Cambridge, MA, 2004.

- o "IRC with ChatZilla"
- o "IRC in Mac OS X"
- o "Getting Friendly with FOAFBot"
- o "Interrogate Trust Networks with TrustBot"
- o "Check the Weather"
- o "Convert Currency"
- o "Don't Get Lost in Translation"

"IRC: Chatrooms for Hackers" in Rael Dornfest and James Duncan Davidson, OS X Panther Hacks, O'Reilly Associates: Cambridge, MA, 2004.

Jennifer Golbeck, Amy Alford, Ron Alford, James Hendler, "Organization and Structure of Information using Semantic Web Technologies," in Handbook of Human Factors in Web Design, Robert W. Proctor and Kim-Phuong L. Vu (eds.). Lawrence Erlbaum Associates, NJ.

Journal Articles

Jennifer Golbeck and Christian Halaschek-Wiener. 2008. Trust-Based Revision for Expressive Web Syndication. *Journal of Logic and Computation*. to appear

Jennifer Golbeck. 2008. Trust and Nuanced Profile Similarity in Online Social Networks. *ACM Transactions on the Web*. to appear

James Hendler, Jennifer Golbeck. 2008. Metcalfe's Law Applies to Web 2.0 and the Semantic Web. *Journal of Web Semantics*. in press.

Jennifer Golbeck. 2008. Trust on the World Wide Web: A Survey. *Foundations and Trends in Web Science*, **1**(2).

Yarden Katz and Jennifer Golbeck. 2007. Using Social Network-based Trust For Default Reasoning On The Web. *submitted to Journal of Web Semantics*.

Jennifer Golbeck. 2007. The Dynamics of Web-based Social Networks: Membership, Relationships, and Change. *First Monday*: **12**(11).

Jennifer Golbeck, James Hendler. 2007. A Semantic Web and Trust Approach to the Provenance Challenge. *Concurrency and Computation: Practice and Experience*.

L. Moreau, B. Ludascher, I. Altintas, R. S. Barga, S. Bowers, S. Callahan, G. Chin Jr., B. Clifford, S. Cohen, S. Cohen-Boulakia, S. Davidson, E. Deelman, L. Digiampietri, I. Foster, J.

Freire, J. Frew, J. Futrelle, T. Gibson, Y. Gil, C. Goble, J. Golbeck, P. Groth, D. A. Holland, S. Jiang, J. Kim, D. Koop, A. Krenek, T. McPhillips, G. Mehta, S. Miles, D. Metzger, S. Munroe, J. Myers, B. Plale, N. Podhorszki, V. Ratnakar, E. Santos, C. Scheidegger, K. Schuchardt, M. Seltzer, Y. L. Simmhan, C. Silva, P. Slaughter, E. Stephan, R. Stevens, D. Turi, H. Vo, M. Wilde, J. Zhao, and Y. Zhao. 2007. The First Provenance Challenge. *Concurrency and Computation: Practice and Experience*.

Cai-Nicolas Ziegler, Jennifer Golbeck. 2006. Investigating Interactions of Trust and Interest Similarity. *Decision Support Systems*, **43**(2).

Richard J. Williams, Neo Martinez, Jennifer Golbeck. 2006. Ontologies for Ecoinformatics, *Journal of Web Semantics*, **4**(4).

Jennifer Golbeck, James Hendler. 2006. Inferring Trust Relationships in Web-Based Social Networks, *ACM Transactions on Internet Technology*, **6**(4).

Jennifer Golbeck, Bijan Parsia. 2005. Trust network-based filtering of aggregated claims. *International Journal of Metadata, Semantics, and Ontologies*, **1**(1).

Jennifer Golbeck. 2005. Semantic Social Networks for Email Filtering: A Prototype and Analysis, *AIS SIGSEMIS Bulletin*, Vol. 2, Issue (3&4) 2005: 36-40.

Frank W Hartel, Sherri de Coronado, Robert Dionne, Gilberto Fragoso, Jennifer Golbeck 2005. Modeling a Description Logic Vocabulary for Cancer Research. *Journal of Biomedical Informatics*, **38**(2): 114-129.

P. Domingos, J. Golbeck, P. Mika, A. Nowak. 2005. Social Networks and Intelligent Systems. *IEEE Intelligent Systems, Trends & Controversies*, **20**(1).

Aditya Kalyanpur, Jennifer Golbeck, Jay Banerjee, James Hendler. 2004. OWL: Capturing semantic information using a standardized web ontology language. *Multilingual Computing & Technology Magazine*, **15**(7).

Leslie E. Chipman, Benjamin B. Bederson, Jennifer Golbeck. 2004. SlideBar: Analysis of a linear input device. *Behaviour and Information Technology*, **23**(1): 1-9.

Jennifer Golbeck, Gilberto Fragoso, Frank Hartel, Jim Hendler, Jim Oberthaler, Bijan Parsia. 2004. The National Cancer Institute's Thesaurus and Ontology. *Journal of Web Semantics*, **1**(1): 75-80.

Papers in Refereed Conference Proceedings

Jennifer Golbeck, Matthew Rothstein. 2008. Linking Social Networks on the Web with FOAF: A Semantic Web Case Study. *Proceedings of the Twenty-Third National Conference on Artificial Intelligence (AAAI-08)*.

Ugur Kuter and Jennifer Golbeck. 2007. SUNNY: A New Algorithm for Trust Inference in Social Networks, using Probabilistic Confidence Models. *Proceedings of the Twenty-Second National Conference on Artificial Intelligence (AAAI-07)*. Vancouver, British Columbia, July 2007.

Aaron Mannes, Jennifer Golbeck. 2006. Ontology Building: A Terrorism Specialist's Perspective. *Proceedings of the IEEE Aerospace Conference*, Big Sky, Montana, March 2007.

Aaron Mannes, Jennifer Golbeck. 2006. Building a Semantic Web Portal for Counterterror Analysis. *Proceedings of the IEEE Aerospace Conference*, Big Sky, Montana, March 2007.

Yarden Katz and Jennifer Golbeck. 2006. Social Network-based Trust in Prioritized Default Logic. *Proceedings of The Twenty-First National Conference on Artificial Intelligence (AAAI-06)*. Boston, Massachusetts, July 2006.

Jennifer Golbeck. 2006. Combining Provenance with Trust in Social Networks for Semantic Web Content Filtering. *Proceedings of the International Provenance and Annotation Workshop*. Chicago, Illinois, May 2006.

Christian Halaschek-Wiener, Jennifer Golbeck, Andrew Schain, Michael Grove, Bijan Parsia, and Jim Hendler. 2006. Annotation and provenance tracking in semantic web photo libraries. *Proceedings of the International Provenance and Annotation Workshop*. Chicago, Illinois, May 2006.

Jennifer Golbeck 2006. Generating Predictive Movie Recommendations from Trust in Social Networks. *Proceedings of the Fourth International Conference on Trust Management*. Pisa, Italy, May 2006.

Jennifer Golbeck, James Hendler. 2006. FilmTrust: Movie recommendations using trust in web-based social networks. *Proceedings of the IEEE Consumer Communications and Networking Conference*, January 2006.

Jennifer Golbeck, Bernardo Cuenca Grau, Christian Halaschek-Wiener, Aditya Kalyanpur, Yarden Katz, Bijan Parsia, Andrew Schain, Evren Sirin, and James Hendler. Semantic web research trends and directions. 2005. *Proceedings of the First international Conference on Pattern Recognition and Machine Intelligence, PReMI 2005*.

Jennifer Golbeck, James Hendler. 2004. Accuracy of Metrics for Inferring Trust and Reputation in Semantic Web-based Social Networks, *Proceedings of 14th International Conference on Knowledge Engineering and Knowledge Management*, October 5-8 2004, Northamptonshire, UK.

Jennifer Golbeck, James Hendler. 2004. Reputation Network Analysis for Email Filtering. *Proceedings of the First Conference on Email and Anti-Spam*, July 30-31 2004, Mountain View, California.

Jennifer Golbeck, Bijan Parsia, James Hendler 2003. Trust Networks on the Semantic Web, *Proceedings of Cooperative Information Agents 2003*, August 27-29 2003, Helsinki, Finland.

Mutton, Paul and Jennifer Golbeck. 2003. Visualization of Semantic Metadata and Ontologies, *Proceedings of Information Visualization 2003*, July 16-18 2003, London, UK.

Jennifer Golbeck, Michael Grove, Bijan Parsia, Aditya Kalyanpur, and James Hendler. 2002. New Tools for the Semantic Web, *Proceedings of the 13th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2002)*, October 1-4 2002, Sigüenza, Spain.

Kalyanpur, Aditya and Jennifer Golbeck and Michael Grove and Jim Hendler. 2002. An RDF Editor and Portal for the Semantic Web, *Proceedings of Semantic Authoring, Annotation & Knowledge Markup (ECAI 2002)*, July 22-26 2002, Lyon, France.

Jennifer Golbeck. 2002. Evolving Parameters for Swarm Control. *Proceedings of the 2002 NASA/DoD Conference on Evolvable Hardware*, July 15-18 2002, Washington, DC.

Jennifer Golbeck. 2002. Unintelligent Swarming for Robust Exploratory Systems. *Proc. of the IASTED International Conference Automation, Control, and Information Technology*, Novosibirsk, Russia, June 2002.

Jennifer Golbeck. 2002. Evolving Strategies for the Prisoner's Dilemma, *Advances in Intelligent Systems, Fuzzy Systems, and Evolutionary Computation*. February 2002, p 299-306.

Papers in Refereed Workshop Proceedings

V. Shiv Naga Prasad, Behjat Siddiquie, Jennifer Golbeck, and Larry S. Davis. Classifying Computer Generated Charts. *In Proceedings of the Workshop on Content Based Multimedia Indexing*. 2007.

Jennifer Golbeck, Michael Wasser. 2007. SocialBrowsing: Integrating Social Networks into Web Browsing. *CHI 2007 Works-In-Progress*. San Jose, California. April 2007

Jennifer Golbeck, Aaron Mannes. 2006. Using Trust and Provenance for Content Filtering on the Semantic Web. *Proceedings of the Workshop on Models of Trust on the Web, WWW 2006*, Edinburgh, UK, May 2006.

Christian Halaschek-Wiener, Jennifer Golbeck, Bijan Parsia, Vladimir Kolovski, and Jim Hendler. Image browsing and natural language paraphrases of semantic web annotations. *First International Workshop on Semantic Web Annotations for Multimedia (SWAMM) 2006*.

Yarden Katz and Jennifer Golbeck. 2006. Nonmonotonic Reasoning with Web-Based Social Networks. *Proceedings of the Workshop on Reasoning on the Web, WWW 2006*, Edinburgh, UK, May 2006.

Aaron Mannes, Jennifer Golbeck, James Hendler. Semantic Web and Target-Centric Intelligence: Building Flexible Systems that Foster Collaboration. *Proceedings of Workshop Intelligent User Interfaces for Intelligence Analysis at the Intelligent User Interfaces Conference*, January 2006.

Jennifer Golbeck. Semantic Web Interaction through Trust Network Recommender Systems. *End User Semantic Web Interaction Workshop at the 4th International Semantic Web Conference*, November 2005.

Jennifer Golbeck. Personalizing Applications through Integration of Inferred Trust Values in Semantic Web-Based Social Networks. *Semantic Network Analysis Workshop at the 4th International Semantic Web Conference*, November 2005.

Bijan Parsia, Taowei Wang, and Jennifer Golbeck. Visualizing Web Ontologies with CropCircles. *End User Semantic Web Interaction Workshop at the 4th International Semantic Web Conference*, November 2005.

Christian Halaschek-Wiener, Andrew Schain, Jennifer Golbeck, Michael Grove, Bijan Parsia, Jim Hendler. A flexible approach for managing digital images on the semantic web. *5th International Workshop on Knowledge Markup and Semantic Annotation*. Galway, Ireland, November 2005.

Kalyanpur, Aditya, Nada Hashmi, Jennifer Golbeck, Bijan Parsia. Lifecycle of a Casual Web Ontology Development Process. *Proceedings of the Workshop on Application Design, Development and Implementation Issues in the Semantic Web*, May 18 2004, New York, New York.

Jennifer Golbeck, Paul Mutton, Semantic Web Interaction on Internet Relay Chat, *Proceedings of Interaction Design on the Semantic Web*, May 18 2004, New York, New York.

Presentations, Talks, and Conference Posters

Wu, P. F., Qu, Y., Fleischmann, K., Golbeck, J., Jaeger, P., Preece, J., & Shneiderman, B. (2008). Designing a Community-Based Emergency Communication System: Requirements and Implications (poster). *Annual Meeting of the American Society for Information Science and Technology (ASIS&T 2008)*, Columbus, OH, October 2008.

"Social Networks and Intelligent Systems: Using Relationships for Information Access," *University of Illinois Urbana-Champaign HCI Seminar*. February 29, 2008.

"Social Trust for Information Access," *Center for Information Policy and E-Government Speaker Series*. February 25, 2008.

"Social Networks and the Semantic Web," *Invited talk at Rensselaer Polytechnic Institute*, February 4, 2008.

Jennifer Golbeck. The Dynamics of Web-based Social Networks: Membership, Relationships, and Change. *Presented at the International Sunbelt Social Networking Conference (Sunbelt XXVIII)*, January 2008.

"Recommending Movies with Social Networks" *Streamsage / Comcast*. November 2007.

"Inferring Trust in Social Networks for Information Presentation", *Computational Linguistics & Information Processing Lab Colloquium*. University of Maryland, October 2007.

"Data Fusion and Data Enrichment" *Director of National Intelligence's Open Source Conference*, July 2007.

"Social Information Access: Connecting Distributed Information and People on the Web" *Drexel College of Information Science and Technology*, April 2007.

"Social Networks on the Web: Analysis, Applications, and Interaction" *Northeastern University College of Computer and Information Science*, February 2007.

"Analysis and Applications of Web-based Social Networks", *University of Illinois at Urbana-Champaign 2006-2007 "Age of Networks: Social, cultural, and technological connections" Speaker Series*, January 22 2007.

"Social Networks, the Semantic Web, and the Future of Online Scientific Collaboration." *FermiLab Colloquium Lecture and 2006 InterLab Conference*, October 25 2006.

"Provenance Challenge: A Semantic Web Approach", *Global Grid Forum - GGF18/GridWorld*, September 13 2006

"Trust and Web Policy Systems", Keynote talk at the *Second International Workshop on the Value of Security through Collaboration*, September 2006.

"The *Other* Kind of Networking: Social Networks on the Web", Duke University, March 2006.

Jennifer Golbeck, "FilmTrust: Movie Recommendations from Semantic Web-based Social Networks. (poster)" *IEEE Consumer Communications and Networking Conference*, January 2006, Las Vegas, Nevada

"Web-based Social Network Analysis for Socially Intelligent Applications", University of Illinois at Chicago, November 2005

Jennifer Golbeck, "FilmTrust: Movie Recommendations from Semantic Web-based Social Networks. (poster and demo)" *International Semantic Web Conference*, November 2005, Galway, Ireland.

"Trust in Social Networks," National Security Agency's Knowledge Discovery Research Colloquium, August 2005.

"Connections, Computation, and Cinema," University of Georgia, March 2005.

"Computation, Cinema, and Carnivores," MIT Media Lab, March 2005.

"Inferring Trust in Web-based Social Networks," National Security Agency, February 2005.

Pin Xu, Lyubov Remennik, N. Rao Thotakura, Jennifer Golbeck, Liju Fan, "Prototype development of an immunology ontology that integrates multiple biomedical ontologies," *7th International Protege Conference*, July 2004, Washington, DC. (Poster/Demo)

"Trust on the Semantic Web," *Thirteenth Annual World Wide Web Conference Developers Day*, May 2004, New York, New York.

"The Semantic Web as a Complex System," *International Conference on Complex Systems*, May 2004, Boston, MA.

"Metadata Visualization Challenges," NASA Goddard Semantic Web Interest Group, November 2003.

"Semantic Web: Structure and Modeling," half-day workshop at *the Howard University Workshop on the Semantic Web II*, June 2003.

Jennifer Golbeck, Bijan Parsia, James Hendler, "Trust Networks on the Semantic Web (poster)", *Twelfth International World Wide Web Conference 2003*, May 2003.

"Putting Time into Cognitive Systems: From Real-Time Operating Systems to Information Dynamics," *Virtual Worlds and Simulation Conference, Society for Modeling and Simulation 2003 Western MultiConference*, January 2003.

"Tools on the Semantic Web," half-day workshop at *the Howard University Workshop on the Semantic Web*, November 2002.

"Small Worlds on the Semantic Web", *Science on the Semantic Web (SWS) Workshop*, October 2002.

"Evolving Strategies for the Prisoner's Dilemma," *13th International Conference on Game Theory*, July 2002.

Jennifer Golbeck, Ron Alford, Ross Baker, Mike Grove, Jim Hendler, Aditya Kalyanpur, Amy Loomis, Ron Reck. "Semantic Web Tools from MIND SWAP (poster)," *1st Annual International Semantic Web Conference*, June 2002, Sardinia, Italy.

"Semantic Web Do-It-Yourself: Tools for Generating RDF Content." NASA Goddard Semantic Web Interest Group, April 2002.

Professional Service

Conferences and Workshops Organized and Chaired

- 8th International Semantic Web Conference, October 2009 (Tutorials Chair)
- Social Technology for Biodiversity: Motivation, Credibility & Community, April 2008
- Semantic Web User Interactions: Exploring HCI Challenges Workshop at CHI'08, April 2008
- 6th International Semantic Web Conference, November 2007 (Semantic Web Challenge Chair)
- 2nd Asian Semantic Web Conference, November 2007 (Semantic Web Challenge Chair)
- Helping Users Make Sense of Social Networks: A Workshop, June 2007
- 5th International Semantic Web Conference, November 2006 (Proceedings Chair)
- Workshop on Trust, Security, and Reputation on the Semantic Web at the 3rd International Semantic Web Conference (ISWC), November 2004
- Trust on the Web Track at the 13th International World Wide Web Conference Developers Day, March 2004

Conference and Workshop Program Committees

- ACM Symposium on Applied Computing, March 2008.
- 5th International Conference on Social Software, March 2008
- Intelligent User Interfaces Conference, January 2008.
- Conference on Email and Anti-Spam, August 2007
- Context Awareness and Trust, July 2007
- IEEE Policy 2007, June 2007.
- World Wide Web Conference, May 2007.
- Social and Collaborative Construction of Structured Knowledge Workshop, May 2007.
- Semantic Web User Interaction Workshop (SWUI), November 2006.
- OWL Experiences and Directions (OWLED), November 2006.
- AAAI Fall Symposium on Semantic Web for Collaborative Knowledge Acquisition, October 2006.
- The Twelfth International Conference on Artificial Intelligence: Methodology, Systems, Applications, September 2006
- 15th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2006), October 2006.
- SECOVAL: The Value of Security through Collaboration Workshop at SECURECOMM 2006. August-September 2006.
- Workshop on Security, Privacy, and Trust in Web Services at 6th IFIP International Conference on Distributed Applications and Interoperable Systems (DAIS2006), June 2006.
- Models of Trust (MTW) Workshop at the 2006 World Wide Web Conference, May 2006.
- OWL: Experiences and Directions Workshop, November 2005.
- SECOVAL: The Value of Security through Collaboration Workshop at SECURECOMM 2005. August-September 2005.
- ACM Symposium on Applied Computing, March 2005.

- First Workshop on Friend of a Friend, Social Networking, and the Semantic Web, September 2004.
- First International Workshop on Interaction Design and the Semantic Web at the 13th International World Wide Web Conference. March 2004.
- Visualizing Information in Knowledge Engineering (VIKE) at Knowledge CAPture (K-CAP 2003). October 2003.

Standards Groups

- World Wide Web Consortium Semantic Web Best Practices Working Group, March 2004 - October 2004

Teaching

University of Maryland, College Park

INFM 220	Information Users in Social Context Spring 2008
LBSC 690	Information Technology Fall 2007
CMSC 498N	Small Worlds, Social Networks, and Web Algorithms Spring 2007
CMSC 198W	Web Design and Programming Spring 2006

American University

CSC 689	Semantic Web Fall 2006
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George Washington University

CSCI 035	Introduction to Web Software Development Fall 2001, Spring 2002, Fall 2002, Spring 2003, Summer 2003, Fall 2003, Spring 2004, Summer 2004, Fall 2004, Spring 2005, Summer 2005, Fall 2005
CSCI 198	Independent Research: Advanced Web Design Fall 2003, Spring 2004, Fall 2004

Howard University

SYCS 472	Systems Management Analysis Fall 2003
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Georgetown University

COSC 250	Computer Hardware Fundamentals Fall 2001
COSC 010	Introduction to Computer Science Summer 2001, Spring 2002, Summer 2002, Fall 2002
COSC 510	Information and Computation

Fall 2002

Johns Hopkins University

605.481 Distributed Development on the WWW
Summer 2002

George Mason University

IT 103 Introduction to Computing
Fall 2001

University of Chicago, Department of Computer Science - Undergraduate: The College (CS) and
Masters: Computer Science Professional Program (CSPP)

CS 101 Introduction to the World Wide Web I
Summer 1999, Winter 2000, Summer 2000, Winter 2001
CS 102 Introduction to the World Wide Web II (Java)
Summer 1999, Spring 2000, Summer 2000, Spring 2001
CS 105 Fundamentals Of Programming (Scheme)
Fall 1999, Fall 2000
CS 116 Introduction to Programming II (C++)
Summer 1999, Summer 2000
CSPP 511 Introduction to Object Oriented Programming (C++)
Fall 2000
CSPP 513 Advanced C++ Workshop
Summer 2000
CSPP 536 Programming in C++
Fall 2000

University Service

- Doctoral Committee, University of Maryland College of Information Studies, 2007 - present
- Education Committee, University of Maryland Computer Science Department, 2002-2004

Awards and Honors

- Research Fellow, Web Science Research Initiative, 2008-present
- IEEE Intelligent Systems Ten to Watch, 2006
- American Association of University Women Graduate Award, 2005
- 2005 DARPA IPTO Young Investigator
- L'Oreal /UNESCO Women in Science Award - Honorable Mention, 2004
- University of Maryland Graduate Research Interaction Day Award-Honors with Distinction, Spring 2002
- University of Maryland Graduate Research Interaction Day Award-Honors with Distinction, Spring 2003
- University of Maryland Graduate Teaching Assistant Award - Special Mention, 2001-2002

- University of Maryland Graduate Research Assistant Award - Special Mention, 2001-2002
- Verizon Graduate Fellowship, 2001
- Wayne C. Booth Prize for Excellence in Undergraduate Teaching, University of Chicago, 2001

Affiliations and Organizations

- Association for Computing Machinery (ACM)
- Association for the Advancement of Artificial Intelligence (AAAI)
- Institute of Electrical and Electronic Engineers (IEEE)
- World Wide Web Consortium (W3C)

Community Service

- In2Books Literacy Program Volunteer, 2003-present
- GRREAT (Golden Retriever Rescue, Education, and Training), 2003-present
- Bosom Buddies - South Africa, 2006 - present

References

available on request