KALPANA SHANKAR, Ph.D.

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RESEARCH INTERESTS

My research interests lie at the intersections of records, documents, data, and their implications for the "social" in work and life: what I call "the lived experience of data". Using ethnographic and related qualitative methods, design, and documentary analysis I have spent my career studying the creation, use, and role of data and documents in multiple arenas. I have collaborated extensively with computer scientists, gerontologists, and other information scholars to study data and recordkeeping practices in science, privacy and home-based computing for the elderly, and most recently, social science data archives and implications for digital curation. I am looking for a position in which I can collaborate with others to study sustainability, ethics, and related aspects of digital curation in emergent topics such as Big Data, open access, and data sharing.

CURRENT AND FORMER ACADEMIC POSITIONS

July 2011 – present	Lecturer, School of Information and Library Studies, University College Dublin
August 2004- May 2011	Assistant Professor, School of Informatics, Indiana University-Bloomington
2004-Present	Adjunct Professor, School of Library and Information Science, Indiana University-Bloomington
May-June 2008	Visiting Researcher, Virtual Knowledge Studio, Amsterdam, NL

FDUCATION

LDOCATION	
1997-2002	Ph.D., Library and Information Science, University of California, Los Angeles, Department of Information Studies Advisor: Dr. Anne Gilliland Dissertation Title: Scientists, Records, and the Practical Politics of Infrastructure (ethnographic exploration of the role of documenting and recordkeeping in research science)
1990-1992	Graduate program, Department of Biochemistry and Biophysics, University of Pennsylvania

EMPLOYMENT	
2003-2004	American Association for the Advancement of Science (AAAS)/National Institutes of Health (NIH) Science Policy Fellow, National Institutes of Health, Bethesda, MD
2002-2004	Postdoctoral Researcher, Center for Embedded Networked Sensing (CENS), University of California, Los Angeles
1999-2000	Research Assistant, InterPARES (International Project on the Preservation of Authentic Records in Electronic Systems)
1999	Graduate Fellow Collaborative Electronic Notebook Systems Association (CENSA), Woburn, Massachusetts
1992-1997	Lead Editor, Indexing/Abstracting and Special Projects, BIOSIS, Philadelphia, Pennsylvania
RESEARCH GRANTS	
2013	Association for Information Science and Technology (ASIST) History Grant (\$1000) (co-PI with Professor Kristin Eschenfelder, University of Wisconsin-Madison): Social Science Data Archives: A Historical View of Sustainability, Access and Use
2013	University College Dublin conference grant (€1100) to attend Society for the Social Studies of Science (4S) Annual Meeting, San Diego, October 2013
2012-2013	Irish Research Council New Foundations Grant (€5300). Pl. Title: Social Science Data Archives in Ireland: Understanding Operations and Sustainability
2011-2013	H.W. Wilson Foundation Research Grant (€6000). PI. Title: Self-Archiving and Collaboration in Science 2.0: An Exploratory Study
2009-2011	Andrew W. Mellon Foundation John E. Sawyer Seminars on the Comparative Study of Cultures grant (\$150,000) (Co-PI with Tom Gieryn, Eden Medina, Ilana Gershon, Rebecca Lave, and Jutte Schickore) Title: Rupture and Flow: The Circulation of Technoscientific Facts and Objects

2009-2010

Indiana University Center for Applied Cybersecurity Research (\$49,000) (Co-PI with Kay Connelly) Title: **Visualizing the Digital Trail: Privacy**

	and the Design and Adoption of Technologies for Promoting Healthy Behaviors
2007-2010	National Science Foundation grant (Human-Centered Computing) (Grant 0705676, \$821,491) (Co-PI with Jean Camp, PI; Kay Connelly and Lesa Lorenzen-Huber) Title: Privacy in Home-Based Ubicomp

Indiana University Multidisciplinary Ventures Grant (\$2,500) (Co-PI with Tom Gieryn, Eden Medina, Ilana Gershon, Rebecca Lave, and Jutte 2009

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EDUCATIONAL GRANTS

2009	Research Experience for Undergraduates (\$15,000) (Co-PI with Lesa Lorenzen-Huber
2009	Summer Instructional Development Fellowship (\$8000) (Co-PI with Kay Connelly). Title: A Multidisciplinary Approach to Ethics Education in Computing
2008	Computer Research Association/National Science Foundation, Multidisciplinary Research Opportunities for Women (\$15,500)(Co-PI with Kay Connelly)
2008	National Science Foundation Research Experience for Undergraduates (REU) (\$12,500)(Co-PI with Lesa Lorenzen-Huber)
2008	International Programs and Activities Grant, Indiana University Office of International Programs (\$1500)(PI)
2005	Indiana University Community Outreach and Service Partnerships in Learning (COPSL) (\$1000)(Co-PI with Dennis Groth)
2005	Indiana University Campus Writing Program Summer Writing-Teaching Grant (\$1500)(PI)
2005	National Science Foundation Science Education for New Civic Engagements and Responsibilities (SENCER) workshop travel grant (\$500) (Co-PI with Dennis Groth)

HONORS AND AWARDS

2009	Trustees Award for Teaching Excellence, School of Informatics, Indiana University
2006	Trustees Award for Teaching Excellence, School of Informatics, Indiana University

2004	Association for Library and Information Science Education (ALISE) Doctoral Dissertation Award
2002	Jean Tague-Sutcliffe Association for Library and Information Science Education (ALISE) Poster Session Award
2001-2002	Dissertation Writing Year Fellowship, University of California, Los Angeles (UCLA)
1999-2000	Academic Year Research Mentorship Recipient, University of California, Los Angeles (UCLA)

PUBLICATIONS

Publications Under Review

Kalpana Shankar, David Hakken. "Making a Case for the Ethnography of Documents", *Handbook of Science, Technology, and Society*, proposal for chapter

Publications Forthcoming

Vaibhav Garg, L. Jean Camp, Lesa Huber, Kalpana Shankar, and Kay Connelly. "Privacy Concerns in Assisted Living Technologies", *Annals of Telecommunication*

Peer-Reviewed Journal Publications

Lesa Lorenzen-Huber, Kalpana Shankar, Kelly E. Caine, Katherine H. Connelly, L. Jean Camp, Beth Ann Walker, and Lisa Borerro, (2013) "How In-Home Technologies Mediate Caregiving Relationships in Later Life", *International Journal of Human-Computer Interaction*, 29, 7, 441-455.

Daniel O. Kutz, Kalpana Shankar, Kay Connelly,(2013), "Making Sense of Mobile and Web-Based Wellness Information Technology: A Cross-Generational Study", *Journal of Medical Internet Research (JMIR)*, 15, 5, e83. http://www.jmir.org/2013/5/e83/\

Kalpana Shankar, L. Jean Camp, Kay Connelly, Lesa Huber, (2012), "Aging, privacy, and home-based computing: Developing a Design Framework", *IEEE Pervasive*, 11, 4, 46-54.

Lesa Lorenzen-Huber, Mary Boutain, L. Jean Camp, Kalpana Shankar, Kay H. Connelly, (2011) "Privacy, independence, and relationships: Older adults' perceptions of home-based ubiquitous technologies", *Ageing International: Special Issue on Gerontechnology*, 36, 2, 232-252.

Caine, K. E., Zimmerman, C. Y., Schall-Zimmerman, Z., Hazlewood, W. R., Camp, L. J., Connelly, K. H., Huber, L. L, & Shankar, K. (2011), "DigiSwitch: A device to allow older adults to monitor and direct the collection and transmission of health information collected at home", *Journal of Medical Systems* 35, 5, 1181-1195.

Kalpana Shankar and Kay Connelly (Spring 2010), "Ethics and Pervasive Technology: A Collaborative Approach to Teaching", *Teaching Ethics*, 11, 1, 73-84.

Stacy Kowalczyk and Kalpana Shankar (2010), "Data Sharing in the Sciences", *Annual Review of Information Science and Technology (ARIST)*, 46, 247-294.

Kalpana Shankar (2010), "Pervasive Computing and an Aging Populace: Methodological Challenges for Understanding Privacy Implications", *Journal of Information, Communication & Ethics in Society*, 8, 3, 236-248.

Kalpana Shankar (2009). "Craft, Ambiguity, and Legitimate Peripheral Participation in Scientific Information Creation", *Journal of Documentation*, 65, 151-165

Kalpana Shankar (2008). "Wind, Water, and Wi-Fi: New Trends in Community Informatics and Disaster Management", *The Information Society*, 2008, 24, 2, 116-120

Kalpana Shankar (2008). "Order from Chaos: the Poetics and Pragmatics of Scientific Recordkeeping', *Journal of the American Society for Information Science and Technology* (JASIST), 58, 1457-1466

Melissa Cragin and Kalpana Shankar (2006). "Scientific Data Collections as Distributed Collective Practice", *Journal of Computer Supported Cooperative Work*, 15, 2-3, 185-204.

Kalpana Shankar (2006). "Recordkeeping in the Production of Scientific Knowledge: An Ethnographic Study", *Archival Science*, 4, 367-382.

Kalpana Shankar (2000). "Preserving The Digital Record: Overview of the InterPARES Project", *Storage Management Solutions*, March 21, 2000, 5(1), 31-33.

Kalpana Shankar (2000). "Towards a Framework for Managing Digital Records in Science", *Archival Issues*, 4: 74-86.

Peer Reviewed Book Chapters

Kalpana Shankar, David J. Wild, Jaesoon An, Sheetal Narayanan, and Sam Shoulders (2008). "Information in Times of Crisis: Considering Knowledge Management for Disaster Management". In "Building the Knowledge Society on the Internet: Making Value from Information Exchange", IDEA Books, ed. Ettore Bolisani.

Invited Papers and Book Chapters

Kalpana Shankar, (2010) "Biomedical Information and Its Users", *Encyclopedia of Library and Information Science*, third edition. Eds. Marcia J. Bates and Mary Niles Maack. Taylor and Francis.

Kalpana Shankar (2006). "Data Management and Recordkeeping as Daily Work: Gaps in Knowledge and Implications for LND", G.I.T. Laboratory Journal, 5, 8-12.

Book Reviews

"Reinventing Data Protection?". Gutwirth, S.; Poullet, Y.; Hert, P.; Terwangne, C.; Nouwt, S. (Eds.), *The Information Society: An International Journal*, forthcoming

"Scientific Collaboration on the Internet", Gary M. Olson, Ann Zimmerman, and Nathan Bos, Eds., *The Information Society: An International Journal*, March 2012, 28(3), 197-199

"Research Methods in Information", Alison Jane Pickard, *Journal of the American Society for Information Science and Technology (JASIST)*, January 2008, 59(1), 158-159.

"Memory Practices in the Sciences", Geoffrey Bowker, *Library Quarterly*, October 2007, 77(4): 482-484.

"Completing Your Thesis or Dissertation: Professors Share Their Techniques and Strategies". Fred Pyrczak, Ed. *Library Quarterly*, July 2001, 71(3): 431.

"Has Feminism Changed Science?" Londa Schiebinger. *Library Quarterly*, January 2001, 71(1): 86-88.

"Sorting Things Out". Susan Leigh Star and Geoffrey Bowker, *Library Quarterly*, October 2000, 70(4): 513-515.

Other Publications

Kalpana Shankar. "Confronting Institutional and Structural Inequities in Computing and Academia", ACM-W Newsletter, Summer 2012.

Kalpana Shankar and Howard Rosenbaum. "Report on the 4th Social Informatics SIG Research Symposium: People, Information and Technology: The Social Analysis of Computing, with Howard by Kalpana Shankar and Howard Rosenbaum", *Bulletin of American Society for Information Science and Technology*, February/March 2009

Kalpana Shankar. "Understanding the Record-keeping Practices of Research Scientists", Mid-Atlantic Regional Archives Conference Technical Pamphlet Series Technical Pamphlet Series #10, 2002

PRESENTATIONS

Peer-Reviewed Workshop Papers

Kalpana Shankar and Jillian Wallis. *Big Data: Opportunities for the Social Sciences*. Oxford Internet Institute, March 22-23, 2013, Oxford, UK.

Kalpana Shankar. "Virtual Research Environments: Balancing Incentives and Closure in an Emergent Information Infrastructure". *Innovation in Information Infrastructures* Workshop 2012, October 10-12, 2012, Edinburgh, UK

Kalpana Shankar, Lesa Huber, L.Jean Camp, Kelly E. Caine, and Katherine H. Connelly. "Finding the Older User in Home-Based Computing Studies". International Society on Gerontechnology* International Symposium of Automation and Robotics in Construction (ISG*ISARC 2012). Eindhoven, Netherlands, June 26-29, 2012.

Vaibhav Garg, L. Jean Camp, and Kalpana Shankar. Designing Risk Communication for Older Adults. Symposium on Usable Privacy and Security (SOUPS) 2011, July 20–22, 2011.

Vaibhav Garg, L. Jean Camp, Katherine H. Connelly, Lesa E. Huber, Kalpana Shankar, and Kelly E. Caine. Privacy Framework for Older Adults. Workshop on Security and Human Behavior, Pittsburgh, PA, June 17-18, 2011.

Abstract-Reviewed Presentations

Lesa Huber, Lisa Borrero, Beth Ann Walker, Kalpana Shankar, Kelly E. Caine, Katherine H. and L. Jean Camp, How Older Adults Use Information Technology to Reduce Caregiver Burden. Paper presented at the Gerontological Society of America 64th Annual Scientific Meeting, Boston, MA, November 18-22, 2011.

Vaibhav Garg, L. Jean Camp, Lesa Huber, Kay Connelly, and Kalpana Shankar. "Designing Risk Communication for Older Adults", ETHICOMP 2011, Sheffield UK, September 14-16, 2011.

Kelly E. Caine, Celine Y. Zimmerman, Zachary Schall-Zimmerman, William R. Hazlewood, Alexander C. Sulgrove, L. Jean Camp, Katherine H. Connelly, Lesa Mae Lorenzen-Huber and Kalpana Shankar, "DigiSwitch: Design and Evaluation of a Device for Older Adults to Preserve Privacy While Monitoring Health at Home", ACM International Conference on Health Informatics 2010

Shaowen Bardzell, Kalpana Shankar "Video Game Technologies and Virtual Design: A Study of Virtual Design Teams in A Metaverse", Human Computer Interaction International 2007, Beijing, China, July 26, 2007

L. Jean Camp, Kay Connelly, & Kalpana Shankar, "Design for Privacy: Towards a Methodological Approach to Trustworthy Ubicomp Design", Ethicomp 2005, 12 -14 September, 2005 (Linköping, Sweden).

Kalpana Shankar. "Remembering and Forgetting: Exploring the Role of the Record in Conducting Scientific Research", *Proceedings of the 2nd Conference of the History and Heritage of Scientific Information Systems*, W. Boyd Rayward and Mary Ellen Bowden, eds., ASIS&T Monograph Series, 118-126.

Daniel O. Kutz, Kalpana Shankar, Kay Connelly, "Making Sense of Ubiquitous Health Information: A Cross-Generational Study", Health Informatics Society of Ireland Annual Conference, November 16-17, 2011, Dublin, Ireland.

Lesa Huber, Lisa Borrero, Bethann Walker, Kalpana Shankar, Kelly, Caine, Kay Connelly, L Jean Camp, "How Older Adults Use Technology to Reduce Caregiver Burden", Gerontological Society of America Annual Conference, 2011, Boston, MA.

Kalpana Shankar and Sandy L. Shapshay, "The Presence Clock". Part of panel on the ethics of pervasive and autonomous technologies. Association for Practical and Professional Ethics, Cincinnati, OH, March 7, 2009.

Kalpana Shankar and Shaowen Bardzell, "Two Takes on Virtual Design: The Construction of Expertise and Embodied Design in Second Life Design Teams", American Society for Information Science and Technology, Milwaukee, Wisconsin, October 22, 2007

Kalpana Shankar and Jaesoon An, "Memory Practices in Times of Crisis: The BECIS System". Communities and Technology, East Lansing, Michigan, June 28, 2007

Kalpana Shankar, "Wind, Water, and Wi-Fi: Documenting Grassroots Efforts in the Aftermath of Hurricane Katrina", Society for the Social Studies of Science (4S), Vancouver, BC, November 4, 2006

Kalpana Shankar, "Pervasive Computing and Home Health Care: Whose Values are We Designing for?", American Society for Information Science Annual Meeting, Charlotte, NC, October 29, 2005

Kalpana Shankar, "Data, Data Everywhere: Fostering Autonomy and Agency in Ubiquitous Computing", International Conference on Technology, Knowledge, and Society, February 20-22, 2005, Berkeley, CA.

Kalpana Shankar, "Distributed Collective Practice", Conference on Computer Supported Cooperative Work (CSCW), November 5, 2004, Chicago, IL.

Kalpana Shankar, "Gathering Data about Data Gathering: Designing a Data and Records Repository for a Multidisciplinary Science and Technology Center", Society of American Archivists, August 22, 2003, Los Angeles, CA.

Kalpana Shankar, "Scientific Infrastructure and the Nature of the Record", History and Heritage of Scientific Information Systems, November 17, 2002, Philadelphia, PA

Kalpana Shankar, "Scientists, Records, and the Practical Politics of Infrastructure," Society for the Social Studies of Science, Annual Meeting, October 28, 2001, Cambridge, MA

Kalpana Shankar, "Scientists and Their Records: An Exploratory Study." Society of California Archivists, April 28, 2001, Santa Rosa, CA

Kalpana Shankar, "An Exploration of Accountability in Research Science". Office of Research Integrity, Department of Health and Human Services, Conference of Research on Research Integrity, November 2000, Bethesda, MD

Kalpana Shankar, "Methodologies and Preliminary Results from the InterPARES Project." American Society for Information Science and Technology, Annual Meeting, November 2000, Denver, CO

Kalpana Shankar, "Grounded Theory and Other Methodologies in the InterPARES Project." Society of American Archivists, Annual Meeting, September 1, 2000, Denver, CO

Kalpana Shankar, "New Methods for Exploring Scientific Practice through the Analysis of Record-keeping." Society for the Social Studies of Science, Annual Meeting, October 26, 1999, San Diego, CA.

Abstract Reviewed Posters

Kalpana Shankar, "Self-Archiving and Collaboration in Science 2.0: An Exploratory Study", I-Conference 2012, February 2012, Toronto, Canada

Rajasee Rege, Heekyoung Jung, William Hazelwood, Greg Orlov, Kay Connelly, Kalpana Shankar, "Exploring Early Evaluation Techniques of Ambient Health Promoting Devices in Home Environments of Senior Citizens Living Independently", 2nd International Workshop on Systems and Networking Support for Healthcare and Assisted Living Environments, Denver, Colorado, June 2008.

Invited Presentations

"Privacy, Information, and Aging: Framing the Challenges of Digital Data in Pervasive Computing Applications", Department of Information Studies, University of California, Los Angeles, January 6, 2011.

"Introduction to the ETHOS Project", Napier University, Edinburgh, UK, June 10, 2008.

"An Introduction to Open Notebook Science: Implications for Science Archives", Municipal Archives of Rotterdam, May 29, 2008

"Social and ethical barriers to data sharing in the biomedical sciences", "Expanding Secondary Uses of Biomedical Data", Portland, OR, December 4-5, 2007 (National Science Foundation)

"Emerging Technologies and Implications for Scientific Recordkeeping", Sokendai University and KEK, Japan August 20-23, 2007 (National Science Foundation)

"Future Directions in Expertise Studies", Cain Conference, Chemical Heritage Foundation, Philadelphia, PA, April 8, 2006.

"Distributed Scientific Data: Social and Organizational Challenges", Systems seminar, Department of Computer Science, Indiana University-Bloomington, March 31, 2006

"Constructing Autonomy: Pervasive Computing and Home Health Care", Rob Kling Center for Social Informatics, Indiana University-Bloomington, December 4, 2005

"Birds, Bees, and Technologies: Citizen Science and the Nature of Expertise", School of Library and Information Science, Indiana University-Bloomington, October 2, 2005

"The Chemical Informatics Laboratory of the Future" with David L. Wild at Eli Lilly, Indianapolis, IN, April 28, 2005

Invited Workshops

"The SUITCASE Project", University of Trento, Faculty of Engineering, May 25, 2013

"Engaging Communities for the Curation of Digital Products of Scholarly Endeavors", University of North Carolina-Chapel Hill, January 8, 2010

"Archival Educators and Research Institute", July 5-10, 2009

"Values in Design", Santa Clara, California, August 15-17, 2008

"Social, Ethical, and Privacy Needs for Older People" (SENIOR): e-Inclusion of senior citizens. June 3-5, 2008. European Commission, Brussels, Belgium.

"Access to Archival Heritage", Netherlands Archiefschool, Egmond Aan Zee, May 13-15, 2008

TEACHING EXPERIENCE

I have developed and taught classes in informatics and information and library studies for undergraduate, Master's, and PhD level students and have won several teaching awards and grants. I have also developed and taught numerous short courses and workshops and continue to do so, particularly around data management, ethnography and data, and qualitative methods, for students and working professionals. I am also experienced at supervising student research (undergraduate, professional, and graduate) in numerous contexts.

University Instruction

Developed and taught for the first time in the School of Informatics and Computing at Indiana University-Bloomington:

- Organizational Informatics: Undergraduate elective on organizations, groups, and information and communication technologies
- Computer and Information Ethics: Undergraduate and graduate elective on philosophical underpinnings of computing ethics and implications for design and practice. Described in Indiana University publication on ethics across the curriculum
- Science and Technology, Health and Medicine: Social and Critical Approaches: Advanced undergraduate elective focusing on new technologies and their depiction in film, fiction, and other media.
- Advanced Social Informatics: PhD seminar on analytical approaches to computing in groups, communities, and organizations

Also taught:

Undergraduate:

- Social Informatics (Indiana University)
- Capstone Experience (Indiana University)
- Organisation and Retrieval of Information (University College Dublin)
- Theories of Information Behaviour (University College Dublin)

Masters/PhD:

- Introduction to Informatics (Indiana University)
- Research Methods I (University College Dublin)
- Digital Libraries (University College Dublin)

Supervision

- 1 PhD student (current)
- 1 Master's capstone, Human Computer Interaction/design (Indiana University)
- 5 Master's Capstone projects, Masters in Library and Information Science (University College Dublin)
- 3 Undergraduate theses, Informatics (Indiana University)
- 10 undergraduate and graduate independent study projects

Other Teaching Experience

Developed and taught the following:

- EuRopean Community Action Scheme for the Mobility of University Students (ERASMUS): Codeveloped and co-taught day-long workshops at the Faculty of Sociology, University of Trento, Italy with David Hakken (Indiana University): May 2013
 - Ethnography of Documents
 - Ethnography and Big Data
- Earth and Natural Sciences PhD program, University College Dublin (2012, 2013): Coordinated day-long workshop for 50 PhD students in multidisciplinary program. Topics included research data, intellectual property, metadata, university resources for data management, and open access:
- Centre for Support and Training in Analysis and Research (C*STAR), University College Dublin Software for Qualitative Data Analysis: June 2012
- Getty Conservation Institute, Los Angeles, CA: February 2002Developed and delivered workshop on the use of Endnote for bibliographic data management for GCI staff and visitors

SERVICE

Research Community

Journal Reviews Journal of the American Society for Information Science and Technology

(JASIST), Archival Science, Behaviour and Information Technology

Conference Reviews iConference, Ubicomp, American Society for Information Science and

Technology, Pervasive Health, Hawaii International Conference on Systems Sciences (HICSS), Computer Supported Cooperative Work (CSCW), International Conference on the History of Archives (ICHORA),

Americas Conference on Information Systems (AMCIS)

Grant Reviews National Historical Publications and Records Commission, National

Science Foundation Program in Science, Technology, and Society

Program Committees iConference, American Society for Information Science and Technology,

National Science Foundation Workshop on the Ethics of Pervasive and

Autonomous Computing 2010

Other Reviewer, American Association for the Advancement of Science (AAAS)

Science Policy Fellow Program applications

University/School

University College Dublin College Lecturer Representative, College Executive Board (2013-2014)

Coordinator, Postgraduate programs (MLIS, MSc) (2012-)

Representative from School of Information and Library Studies (SILS) to

Research Committee, College of Human Sciences (2012-)

Representative from School of Information and Library Studies (SILS) to Internationalisation Committee, College of Human Sciences

Developer, Health Information Master's program in conjunction with School of Nursing, Midwifery, and Health Systems (2013-2014)

Representative to National Library of Ireland internship committee (2012)

Member, faculty search committee, 2012 Member, staff search committee, 2013 Internal examiner, PhD committee, 2013

Indiana University School of Informatics and Computing (SOIC)

Member, Social Informatics PhD Minor committee (2008 -2010)

Coordinator, Social Informatics Coordinator (2009-2010)

Steering Committee member, Women in Computing (2005-2009)

Member, First year course redesign committee (2009)

Member, Faculty search committees (2005-2009)

Member, Strategic Planning committee, undergraduate affairs (2007)

Member, Undergraduate Program committee, informatics (2004-2011)

Member, PhD committee, HCI/d, 2011

Member, Globalization committee, 2005-2006

Co-organizer, Indiana University School of Informatics Globalizing Informatics Conference (2006)

Indiana University-Bloomington

Member, Steering Committee for Asian and Pacific American Faculty and

Staff Committee (APAFSC) (2007-2011)

Reviewer. Women in Science poster session (2008-2010)

Public/Other

Princeton University Member, Alumni Schools Committee