Selma Šabanović

Associate Professor
School of Informatics and Computing
Indiana University
901 10th Street, # 265, Bloomington, IN 47408, USA

Office: (812) 856-0386
Cell: (812) 361-5242
Fax: (812) 856-1995
e-mail: selmas@indiana.edu

Research Interests	My work focuses on human-robot interaction, cross-cultural studies of science and technology, and the critical social study of robotics design, implementation, and use. I use research in human-robot interaction (HRI) to study human social behavior and cognition and to understand how non-expert users interpret and use robots in everyday contexts, including the home and caregiving institutions. I also do cross-cultural research, mostly in the US and Japan, to explore how robotic technologies are designed and perceived in different cultural contexts and to study cultural differences in social practice and cognition. Finally, I critically analyze the social meanings and consequences of designing and using emerging robotics technologies in contemporary society. I draw on qualitative and quantitative methodologies including ethnography, behavioral analysis, lab experiments, and surveys to understand how people perceive, make sense of, and interact with social and assistive robots. My long-term aim is to contribute to the design of more socially robust robotic technologies while developing methodologies that enable collaboration and translation across the social and technical disciplines.

Education	RENSSELAER POLYTECHNIC INSTITUTE Troy NY, USA Ph.D. in Science and Technology Studies Thesis Title: "Imagine All the Robots: Developing a Critical Practice of Cultural and Disciplinary Traversals in Social Robotics" Thesis Advisor: Linnda R. Caporael	December 2007
	BOĞAZIÇI UNIVERSITY Istanbul, Turkey M.A. in Political Science and International Relations Thesis Title: "A Divisive History: Serb, Croat and Bosniak Nationalism in Post-War Bosnia and Herzegovina Textbooks" Thesis Advisor: Yeşim Arat	December 2000
	BOĞAZIÇI UNIVERSITY Istanbul, Turkey B.A. in Political Science and International Relations (High Honors)	June 1998

Research Positions	INDIANA UNIVERSITY SCHOOL OF INFORMATICS AND COMPUTING Associate Professor	Summer 2016–current
	INDIANA UNIVERSITY SCHOOL OF INFORMATICS AND COMPUTING Assistant Professor	Fall 2009–Spring 2016
	INDIANA UNIVERSITY COGNITIVE SCIENCE PROGRAM Adjunct Professor	Fall 2009–current
	INDIANA UNIVERSITY ROB KLING CENTER Fellow	Spring 2012 – current

UNIVERSITY
COGNITIVE INTERACTION TECHNOLOGY - CENTER OF EXCELLENCE June 2014 – July 2014
Visiting Professor

RENSSELAER POLYTECHNIC INSTITUTE
COMPUTER SCIENCE DEPARTMENT Fall 2007
Graduate Research Assistant

ROBOTICS INSTITUTE
CARNEGIE MELLON UNIVERSITY June-December 2005
Visiting Researcher

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY (AIST), TSUKUBA, JAPAN March-June 2005
Visiting Researcher

RENSSELAER POLYTECHNIC INSTITUTE
DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES 2002–2004
Graduate Research Assistant

BOĞAZIÇI UNIVERSITY, ISTANBUL, TURKEY
POLITICAL SCIENCE AND INTERNATIONAL RELATIONS May-August 1998
Research Assistant

Teaching Positions

INDIANA UNIVERSITY
ASSISTANT PROFESSOR IN SCHOOL OF INFORMATICS AND COMPUTING 2009–current
I202/H202: Introduction to Social Informatics (Spring 2011, Fall 2011, Spring 2013, Spring 2014, Spring 2017)
I303: Organizational Informatics (Fall 2009)
I400/I590/H400/H590/I440/H440/I540: Human-Robot Interaction (Spring 2010, Spring 2011, Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016)
I502: Human-Centered Research Methods in Informatics (Spring 2015, Spring 2016, Spring 2017)
I609: Advanced Seminar in Social Informatics: Cultural Perspectives on Science and Technology (Fall 2013)

STANFORD UNIVERSITY
LECTURER IN PROGRAM FOR SCIENCE, TECHNOLOGY, AND SOCIETY 2008–2009
STS 153: Living with Social Technologies (Fall 2008)
STS 155: Society in the Age of Robots (Spring 2009),
STS 200: Senior Paper Seminar (Fall 2008, Spring 2009).

RENSSELAER POLYTECHNIC INSTITUTE
ADJUNCT FACULTY IN DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES 2008
STS 4140: Inequality in America (Spring 2008).

RENSSELAER POLYTECHNIC INSTITUTE
TEACHING ASSISTANT IN DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES 2004
IHSS 1970: Design, History and Society (Fall 2004)
ITEC 1220: Politics and Economics of Information Technology (Spring 2004).

Grants & Fellowships

NATIONAL SCIENCE FOUNDATION, CYBER HUMAN SYSTEMS (CHS) Aug 2016-Aug 2019
PI: Selma Šabanović, "CHS: Small: Applying Intergroup Psychology to Overcome Barriers in Human-Robot Interaction", $499,115 (with Eliot Smith, co-PI).

IU FACULTY RESEARCH SUPPORT PROGRAM
– EXTERNAL RESUBMISSION   Feb 2016-Feb 2017
PI: Selma Šabanović, "Preliminary Study of Socially Assistive Robotic Technologies for Sustaining Independent Living in Older Adults with Chronic Depression and Co-Occurring Physical Illness", $71,238 (with Jennifer Piatt, co-PI).

IU OFFICE OF THE PROVOST, TRAVEL AWARD FOR WOMEN IN SCIENCE   October 2015
For travel to the HRI 2016 Program Committee meeting and conference in New Zealand $1,600.

NATIONAL SCIENCE FOUNDATION, INNOVATIVE TECHNOLOGY EXPERIENCES FOR TEACHERS AND STUDENTS (ITEST) RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) SUPPLEMENT   Sep 2015-Sept 2017
PI: Selma Šabanović, "ITEST-Strategies: Human-Centered Robotics Experiences for Exploring Engineering, Computer Science, and Society – REU Supplement", $36,000 (with Cindy Hmelo-Silver, co-PI).

NATIONAL SCIENCE FOUNDATION, INNOVATIVE TECHNOLOGY EXPERIENCES FOR TEACHERS AND STUDENTS (ITEST)   Sep 2014-Sept 2017
PI: Selma Šabanović, "Collaborative Research: ITEST-Strategies: Human-Centered Robotics Experiences for Exploring Engineering, Computer Science, and Society", $371,163 (Personal share is $182,086) (with Cindy Hmelo Silver, co-PI).

INDIANA UNIVERSITY SOCIAL SCIENCE RESEARCH CENTER (SSRC)   May 2015–June 2016
PI: Selma Šabanović, "Study of the successful and unsuccessful adoption of a socially assistive robot in four Veterans Affairs eldercare institutions", $3,600

INDIANA UNIVERSITY CONSORTIUM ON REAL EXPERIENCES WITH PUBLIC HEALTH INFORMATION TECHNOLOGIES (CORE PHIT)   Feb 2014-Feb 2016
PI: Selma Šabanović, "Participatory Design of Assistive Robotic Technologies for Sustaining Independent Living in Older Adults with Chronic Depression", $5,500 (with Jennifer Piatt, co-PI)

INDIANA UNIVERSITY COLLABORATIVE RESEARCH GRANT (IUCRG)   Mar 2013-Aug 2014
PI: Selma Šabanović, "Social SLAM: Creating Dynamical Socio-Environmental Models for Mobile Robots", $70,000

INDIANA UNIVERSITY SOCIAL SCIENCE RESEARCH CENTER (SSRC)   Jan 2014–Aug 2015
PI: Selma Šabanović, "Group Processes in Human-Robot Interaction", $2,700

NSF EAGER AWARD, IIS 1143712   Aug 2011-Jul 2014
PI: Selma Šabanović, "EAGER: Cultural Models in Social Robotics–Comparative Studies with Users in the US and Japan", $49,957

IEEE ROBOTICS AND AUTOMATION SOCIETY   Jan 2011-Dec 2015
PI: Selma Šabanović, "Robotics Narratives and Networks: 50 Years of Robotics History," $99,000 (with Peter Asaro and Stasa Milojevic, co-PIs)

NATIONAL ENDOWMENT FOR THE HUMANITIES   Jun 2012-Dec 2013
Co-PI: Selma Šabanović, "Digital video navigation and archival content management tools for non-linear oral history narratives.," $49,986 (Peter Asaro PI; Personal share is $5,000 travel funding)

IU NEW PEDAGOGIES, NEW TECHNOLOGIES GRANT   Sep 2010-Jun 2011
Co-PI, $19,000 (Personal share is $1,500)

NSF DISSERTATION IMPROVEMENT GRANT SES-0522630   2005-2007
"Dissertation Research: Imagining Robotics: Cultural and cognitive perspectives on the scientific practice of social robot design," $12,000

Awards & Honors

TRUSTEES' TEACHING AWARD 2016
Indiana University

SCHOOL OF INFORMATICS AND COMPUTING SERVICE AWARD 2015
Indiana University

OUTSTANDING JUNIOR FACULTY AWARD 2014
Indiana University (IU), $15,000

INSPIRATIONAL TEACHER AWARD 2011
IU (WIC), Graduate category

Refereed Journal Publications

DRAGONS, LADYBUGS, AND SOFTBALLS: GIRLS STEM ENGAGEMENT WITH HUMAN-CENTERED ROBOTICS
Gomoll, A.S., Hmelo-Silver, C., Novak, W., **Šabanović, S.** , Francisco, M. *Journal of Science Education and Technology.*, 2016, vol. 25, issue 6, pp. 899914.

SOCIALIZING ROBOTS: CONSTRUCTING ROBOTIC SOCIALITY IN THE DESIGN AND USE OF THE ASSISTIVE ROBOT PARO.
Šabanović, S., Chang, W.L. *AI & Society*, 2016, vol. 31, issue 4., pp. 537-551.

THE EFFECTS OF CULTURE AND CONTEXT ON PERCEPTIONS OF ROBOTIC FACIAL EXPRESSIONS
Bennett, C. C. **Šabanović, S.** *Journal of Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems*, 2015, vol 16, no.2, pp. 272-302.

DERIVING MINIMAL FEATURES FOR HUMAN-LIKE FACIAL EXPRESSIONS IN ROBOTIC FACES
Bennett, C. C. **Šabanović, S.**, *International Journal of Social Robotics*, 2014, vol.6, pp. 367-381.

INVENTING JAPAN'S "ROBOTICS CULTURE:" THE REPEATED ASSEMBLY OF SCIENCE, TECHNOLOGY, AND CULTURE IN SOCIAL ROBOTICS
Šabanović, S., *Social Studies of Science*, June 2014, vol. 44, no. 3, pp. 342 - 367.

DESIGNING ROBOTS IN THE WILD: IN SITU PROTOTYPE EVALUATION FOR A BREAK MANAGEMENT ROBOT
Šabanović, S., Reeder, S. M., Kechavarzi, B. *Journal of Human-Robot Interaction*, Special Issue on Design, March 2014, vol. 3, no.1, pp. 70-88.
(URL: http://humanrobotinteraction.org/journal/index.php/HRI/article/view/161)

CONCEPTUAL FOUNDATIONS FOR REPRESENTING ROBOTICS HISTORY IN A NON-LINEAR DIGITAL ARCHIVE
Milojević, S., **Šabanović, S.**. *Library Hi Tech*, 2013, vol. 31, no.2.

CONFERENCING MODELS TO BRIDGE MICRO AND MACRO STUDIES OF SCIENCE
Francisco, M., Milojević, S., **Šabanović, S.**, *The Journal of Artificial Societies and Social Simulation*, 2011, 14(4) 13. (URL: http://jasss.soc.surrey.ac.uk/14/4/13.html)

ROBOTS IN SOCIETY, SOCIETY IN ROBOTS: MUTUAL SHAPING OF SOCIETY AND TECHNOLOGY AS A FRAMEWORK FOR SOCIAL ROBOT DESIGN
Šabanović, S., *International Journal of Social Robotics*, 2010, vol. 2, no. 4, pp. 439-450.

IT TAKES A VILLAGE TO CONSTRUCT A ROBOT: A SOCIALLY SITUATED PERSPECTIVE ON THE ETHICS OF ROBOT DESIGN
Šabanović, S., *Journal of Interaction Studies: Social Behaviour and Communication in Biological and Artificial Systems*, 2010, vol. 1, no. 2, pp. 257-262.

CROSS-CULTURAL STUDIES ON SUBJECTIVE EVALUATION OF SEAL ROBOT
Shibata, T., Wada, K., Ikeda, Y., **Šabanović, S.**, *Advanced Robotics*, April 2009, vol. 23, no. 4, pp. 443-458.

SOCIALLY DISTRIBUTED PERCEPTION
Michalowski, M. P., **Šabanović, S.**, DiSalvo, C., Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Autonomous Robots*, May 2007, vol. 22, no. 4, pp. 385-397.

Refereed Conference Publications

COLLABORATIVE MAP MAKING: A REFLEXIVE METHOD FOR UNDERSTANDING MATTERS OF CONCERN IN DESIGN RESEARCH.
Lee, H.R., **Šabanović, S.**, Kwak, S *Proceedings of the ACM CHI Conference on Human Factors in Computing Systems (CHI 2017)*, Denver CO, May 2017, pp. (Acceptance rate: 25%).

THREATENING FLOCKS AND MINDFUL SNOWFLAKES: HOW GROUP ENTITATIVITY AFFECTS PERCEPTIONS OF ROBOTS.
Fraune, M., Nishiwaki, Y., **Šabanović, S.**, Smith, E., Okada, M. *Proceedings of the 12th International Conference on Human-Robot Interaction (HRI'17)*, Vienna Austria, March 2017, pp. (Acceptance rate: 25%).

STEPS TOWARD PARTICIPATORY DESIGN OF SOCIAL ROBOTS: MUTUAL LEARNING WITH OLDER ADULTS WITH DEPRESSION.
Lee, H.R., **Šabanović, S.**, Chang, W.L.., Nagata, S., Piatt, J., Bennett, C., Hakken, D. *Proceedings of the 12th International Conference on Human-Robot Interaction (HRI'17)*, Vienna Austria, March 2017, pp. (Acceptance rate: 25%).

COLLEAGUE OR TOOL? INTERACTIVITY INCREASES POSITIVE PERCEPTIONS OF AND WILLINGNESS TO INTERACT WITH A ROBOTIC CO-WORKER.
Oistad, B., Sembroski, C., Gates, K., Krupp, M., Fraune, M., **Šabanović, S.** *Proceedings of the International Conference on Social Robotics (ICSR 2016)*, Kansas City KS, November 2016, pp. 774-785.

FEELING GREEN: EMPATHY AFFECTS PERCEPTIONS OF USEFULNESS AND INTENTION TO USE A ROBOTIC RECYCLING BIN.
Tan, H., Sun, L., **Šabanović, S.** *Proceedings of 25th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)*, New York NY, August 2016, pp. 1051-1056.

THAT ROBOT IS NOT FOR ME: ADDRESSING STEREOTYPES OF AGING IN ASSISTIVE ROBOT DESIGN.
Lee, H.R., Tan, H., **Šabanović, S.** *Proceedings of 25th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)*, New York NY, August 2016, pp. 312-317.

GETTING IN TOUCH: HOW IMAGINED, ACTUAL AND PHYSICAL CONTACT AFFECT EVALUATIONS OF ROBOTS.
Wullenord, R., Fraune, M., Eyssel, F., **Šabanović, S.** *Proceedings of 25th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2016)*, New York NY, August 2016, pp. 980-985.

HAPPY MOVES, SAD GROOVES: USING THEORIES OF BIOLOGICAL MOTION AND AFFECT TO DESIGN SHAPE-CHANGING INTERFACES.
Tan, H., Tiab, J., **Šabanović, S.**, Hornbaek, K. *Proceedings of the ACM International Conference on Designing Interactive Systems (DIS 2016)*, Brisbane Australia, June 2016.

HOW HUMANLIKE SHOULD A SOCIAL ROBOT BE: A USER-CENTERED EXPLORATION.
Lee, H., **Šabanović, S.** *Proceedings of the Association for the Advancement of Artificial Intelligence (AAAI) Spring Symposium*, Stanford CA, March 2016.

A ROBOT OF MY OWN: PARTICIPATORY DESIGN OF SOCIALLY ASSISTIVE ROBOTS FOR INDEPENDENTLY LIVING OLDER ADULTS DIAGNOSED WITH DEPRESSION.
Šabanović, S., Chang, W.L., Bennett, C.C., Piatt, J. A., Hakken, D. *Lecture Notes in Computer Science Volume 9193 (Proceedings of HCII 2015)*, Los Angeles CA, August 2015, pp. 104-114.

THREE'S COMPANY, OR A CROWD?: THE EFFECTS OF ROBOT NUMBER AND BEHAVIOR ON HRI IN JAPAN AND THE USA.
Fraune, M., Kawakami, S., **Šabanović, S.**, de Silva, R., Okada, M., *Proceedings of Robotics: Science and Systems (RSS 2015)*, Rome Italy, July 2015.

ON THE MARGINS OF THE MACHINE: HETEROMATION AND ROBOTICS.
Ekbia, H., Nardi, B., **Šabanović, S.**, *Proceedings of the iConference 2015*, Newport CA, February 2015.

INTERACTION EXPANDS FUNCTION: SOCIAL SHAPING OF THE THERAPEUTIC ROBOT PARO IN A NURSING HOME.
Chang, W.L.., **Šabanović, S.**, *Proceedings of the 10th International Conference on Human-Robot Interaction (HRI'15)*, Portland OR, March 2015, pp. 343-350 (Acceptance rate: 25%).

RABBLE OF ROBOTS EFFECTS: NUMBER AND TYPE OF ROBOTS MODULATES ATTITUDES, EMOTIONS, AND STEREOTYPES.
Fraune, M., Sherrin, S., **Šabanović, S.**, Smith, E. *Proceedings of the 10th International Conference on Human-Robot Interaction (HRI'15)*, Portland OR, March 2015, pp. 109-116 (Nominated for Best Paper Award, Acceptance rate: 25%).

EXPLORING TAIWANESE NURSING HOMES AS PRODUCT ECOLOGIES FOR ASSISTIVE ROBOTS.
Chang, W.L., **Šabanović, S.**, *Proceedings of IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO 2014)*, Evanston IL, September 2014, pp. 32-37.

DESIGNING A MINIMALIST SOCIALLY AWARE ROBOTIC AGENT FOR THE HOME.
Francisco, M., Wood, I., **Šabanović, S.**, Rocha, I. *Proceedings of the Fourteenth International Conference on the Synthesis and Simulation of Living Systems (Artificial Life 14)*, New York USA, August 2014, pp. 876-883.

NEGATIVE ATTITUDES TOWARD MINIMALISTIC ROBOTS WITH INTRAGROUP COMMUNICATION STYLES.
Fraune, M., **Šabanović, S.** *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 1116-1221.

OBSERVATIONAL STUDY OF NATURALISTIC INTERACTIONS WITH THE SOCIALLY ASSISTIVE ROBOT PARO IN A NURSING HOME.
Chang, W.C., **Šabanović, S.** *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 294-299.

CONTEXT CONGRUENCY AND ROBOTIC FACIAL EXPRESSIONS: DO EFFECTS ON HUMAN PERCEPTIONS VARY ACROSS CULTURE?
Bennett, C.C., **Šabanović, S.**, Fraune, M., Shaw, K. *Proceedings of 23rd IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2014)*, Edinburgh Scotland, August 2014, pp. 465 - 470.

STAY ON THE BOUNDARY: ARTIFACT ANALYSIS EXPLORING RESEARCHER AND USER FRAMING OF ROBOT DESIGN.
Lee, H.R., **Šabanović, S.**, Stolterman, E. *Proceedings of ACM CHI Conference on Human Factors in Computing Systems (CHI 2014)*, Toronto Canada, April 2014 (Acceptance rate: 22.8%).

CULTURALLY VARIABLE PREFERENCES FOR ROBOT DESIGN AND USE IN SOUTH KOREA, TURKEY, AND THE UNITED STATES.
Lee, H.R., **Šabanović, S.**, *Proceedings of International Conference on Human-Robot Interaction (HRI'14)*, pp. 17-24, Bielefeld Germany, March 2014 (Acceptance rate: 24%).

SITUATED ANALYSIS OF INTERACTIONS BETWEEN COGNITIVELY IMPAIRED OLDER ADULTS AND THE THERAPEUTIC ROBOT PARO.
Chang, W., **Šabanović, S.**, Huber, L., *Proceedings of International Conference on Social Robotics (ICSR 2013)*, pp. 371381, Bristol UK, October 2013.

WEISER'S DREAM IN THE KOREAN HOME: COLLABORATIVE STUDY OF DOMESTIC ROLES, RELATIONSHIPS, AND IDEAL TECHNOLOGIES
Lee, H.R., **Šabanović, S.** *Proceedings of the International Joint Conference on Pervasive and Ubiquitous Computing (Ubicomp'13)*, pp. 637-646, Zurich Switzerland, September 2013. (Honorable Mention, Acceptance rate: 23.4%)

PARO ROBOT AFFECTS DIVERSE INTERACTION MODALITIES IN GROUP SENSORY THERAPY FOR OLDER ADULTS WITH DEMENTIA.
Šabanović, S., Bennett, C., Chang, W., Huber, L., *Proceedings of International Conference on Rehabilitation Robotics (ICORR 2013)*, Seattle WA, June 2013.

ROBOTICS NARRATIVES AND NETWORKS: CONCEPTUAL FOUNDATIONS FOR A NON-LINEAR DIGITAL ARCHIVE
Milojević, S., **Šabanović, S.**. *Proceedings of iConference 2013*, Fort Worth TX, February 2013 (Acceptance rate: 36%).

CULTURAL DESIGN OF DOMESTIC ROBOTS: A STUDY OF USER EXPECTATIONS IN KOREA AND THE UNITED STATES
Lee, H., Sung, J., **Šabanović, S.**, Han, J. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, pp. 803-808, Paris, September 2012.

THE EFFECT OF GROUP SIZE ON PEOPLE'S ATTITUDES AND COOPERATIVE BEHAVIORS TOWARD ROBOTS IN INTERACTIVE GAMEPLAY
Chang, W, White, J. P., Park, J., Holm, A., **Šabanović, S.**. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, pp. 845-850, Paris, September 2012.

THE EFFECT OF MONITORING BY CAMERAS AND ROBOTS ON THE PRIVACY ENHANCING BEHAVIORS OF OLDER ADULTS
Caine, K., **Šabanović, S.**, Carter, M. *Proceedings of 7th ACM/IEEE International Conference on Human-Robot Interaction (HRI'12)*, Boston MA, March 2012 (Acceptance rate: 25%).

EMOTION IN ROBOT CULTURES: CULTURAL MODELS OF AFFECT IN SOCIAL ROBOT DESIGN
Šabanović, S., *Proceedings of Conference on Design & Emotion 2010*, Chicago, October 2010.

BREAKBOT: A SOCIAL MOTIVATOR FOR THE WORKPLACE
Reeder, S., Kelly, L., Kechavarzi, B., **Šabanović, S.**, *Proceedings of the 8th ACM Conference on Designing Interactive Systems (DIS 2010)*, pp. 61-64, Aarhus Denmark, August 2010 (Acceptance rate: 25%).

PREDICTIVE STATE REPRESENTATIONS FOR GROUNDING HUMAN-ROBOT COMMUNICATION
Meisner, E., Das, S., Isler, V., Trinkle, J., **Šabanović, S.**, Caporael, L. *Proceedings of the IEEE International Conference on Robotics and Automation (ICRA 2010)*, pp. 178-185, Anchorage AK, May 2010.

SHADOWPLAY: A GENERATIVE MODEL FOR NONVERBAL HUMAN-ROBOT INTERACTION
Meisner, E., **Šabanovic, S.**, Isler, V., Caporael, L., Trinkle, J., *Proceedings of the 5th ACM/IEEE International Conference on Human-Robot Interaction (HRI'09)*, pp. 117–124, March 2009 (Nominated for Best Paper award, Acceptance rate: 19%).

OUTSIDE-IN DESIGN FOR INTERDISCIPLINARY HRI RESEARCH
Šabanović, S., Meisner, E., Caporael, L., Isler, V., Trinkle, J., *Proceedings of AAAI 2009 Spring Symposium on Experimental Design for Real-World Systems*, pp. 41-48, March 2009.

TABULATION AND ANALYSIS OF QUESTIONNAIRE RESULTS OF SUBJECTIVE EVALUATION OF SEAL ROBOT IN SEVEN COUNTRIES
Shibata, T., Wada, K., Ikeda, Y., **Šabanović, S.**, *Proceedings of the IEEE International Symposium on Robots and Human Interactive Communications (RO-MAN 2008)*, August 2008.

MAKING FRIENDS: BUILDING SOCIAL ROBOTS THROUGH INTERDISCIPLINARY COLLABORATION
Šabanović, S., Michalowski, M. P., Caporael, L. R., *Proceedings of AAAI 2007 Spring Symposium on Multidisciplinary Collaboration for Socially Assistive Robotics*, March 2007.

A DANCING ROBOT FOR RHYTHMIC SOCIAL INTERACTION
Michalowski, M. P., **Sabanovic, S.**, Kozima, H., *Proceedings of the 3rd ACM/IEEE International Conference on Human-Robot Interaction (HRI'07)*, pp. 89–96, March 2007 (Acceptance rate: 22%).

ROILLO: CREATING A SOCIAL ROBOT FOR PLAYROOMS
Michalowski, M. P., **Sabanovic, S.**, Michel, P., *Proceedings of the IEEE International Symposium on Robots and Human Interactive Communications (RO-MAN 2006)*, September 2006.

ROBOTS IN THE WILD: OBSERVING HUMAN-ROBOT SOCIAL INTERACTION OUTSIDE THE LAB
Sabanovic, S., Michalowski, M. P., Simmons, R., *Proceedings of IEEE International Workshop on Advanced Motion Control (AMC'06)*, March 2006.

A SPATIAL MODEL OF ENGAGEMENT FOR A SOCIAL ROBOT
Michalowski, M. P., **Sabanovic, S.**, Simmons, R., *Proceedings of Proceedings of IEEE International Workshop on Advanced Motion Control (AMC'06)*, March 2006.

Refereed Short Papers & Posters

DESIGNING LIFELIKENESS IN INTERACTIVE AND ROBOTIC OBJECTS
Tan, H., **Šabanović, S.** *Proceedings of the Pioneers Workshop, HRI 2017*, Vienna Austria, March 2017.

DER EINFLUSS VON IMAGINIERTEM KONTAKT UND BERHRUNG AUF DIE MENSCH-ROBOTER INTERAKTION
Wullenkord, R., Fraune, M., Eyssel, F., **Šabanović, S.** *50. Tagung der Deutschen Gesellschaft fr Psychologie*, Leipzig, September 2016.

COLLABORATIVE RESEARCH: ITEST-STRATEGIES: HUMAN-CENTERED ROBOTICS EXPERIENCES FOR EXPLORING ENGINEERING, COMPUTER SCIENCE, AND SOCIETY
Hmelo-Silver, C., **Šabanović, S.**, Gomoll, A., Francisco, M, Novak, W.. *Proceedings of the American Educational Research Association (AERA 2016)*.

THE APPLICATION OF SARs IN MENTAL HEALTH SERVICES FOR OLDER ADULTS
Piatt, J., Bennett, C.C., Nagata, S., **Šabanović, S.**, Hakken, D., Chang, W. *Proceedings of 143rd Annual American Public Health Association Meeting and Expo (APHA 2015)*.

STUDYING SOCIALLY ASSISTIVE ROBOTS IN THEIR ORGANIZATIONAL CONTEXT: STUDIES WITH PARO IN A NURSING HOME
Chang, W.-L., **Šabanović, S.** *Proceedings of 10th International Conference on Human-Robot Interaction (HRI'15)*, Young Pioneers Workshop, Portland OR, March 2015, pp. 227-228.

PARTICIPATORY DESIGN OF SOCIALLY ASSISTIVE ROBOTS FOR PREVENTITVE PATIENT-CENTERED HEALTHCARE
Šabanović, S., Bennett, C. C., Piatt, J.A., Chang, W., Hakken, D., Kang, S., Ayer, D. *IEEE IROS Workshop on assistive robotics for individuals with disabilities. (IROS 2014)*, Chicago IL, September 2014.

Robot gossip: effects of mode of robot communication on human perceptions of robots
Fraune, M., **Šabanović, S.** *Proceedings of 9th International Conference on Human-Robot Interaction (HRI'14)*, Late-Breaking Reports, Bielefeld Germany, March 2014, pp. 160-161.

Towards Culturally Robust Robots: A Critical Social Perspective on Robotics and Culture
Šabanović, S., Bennett, C.C., Lee, H.R. *Workshop on Culturally Aware Robots at the International Conference on Human-Robot Interaction (HRI'14)*, Bielefeld Germany, March 2014.

Social Shaping of Interactions Between Older Adults and the Therapeutic Robot PARO
Chang, W., **Šabanović, S.**, Huber, L. *Workshop at the International Conference on Social Robotics (ICSR'13)*, Bristol UK, October 2013.

Cultural design of domestic robot
Lee, H.R., **Šabanović, S.** *HomeSys 2013 Workshop at the International Conference on Pervasive and Ubiquitous Computing (Ubicomp'13)*, Zurich Switzerland, September 2013.

Cultural Design of Domestic Robots with Participatory Design
Lee, H.R. **Šabanović, S.**, Hakken, D. *Methods for Studying Technology in the Home Workshop at the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'13)*, Paris France, April 2013.

A Participatory Framework for Developing Co-Robotic Technologies for Elder-care
Hakken, D., **Šabanović, S.**, Lee, H.R., Chang, W., Scherer, D. *Designing for- and with- vulnerable people Workshop at the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI'13)*, Paris France, April 2013.

Use of seal-like robot PARO in sensory group therapy for older adults with dementia
Chang, W., **Šabanović, S.**, Huber, L. *Proceedings of 8th International Conference on Human-Robot Interaction HRI'13*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 101-102.

Perceptions of Affective Expression in a Minimalist Robotic Face
Bennett, C., **Šabanović, S.** *Proceedings of 8th International Conference on Human-Robot Interaction (HRI'13)*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 81-82.

Potential Use of Robots in Taiwanese Nursing Homes
Chang, W., **Šabanović, S.** *Proceedings of 8th International Conference on Human-Robot Interaction (HRI'13)*, Late-Breaking Reports, Tokyo Japan, March 2013, pp. 99-100.

Evaluation of control factors affecting the operator's immersion and performance in robotic teleoperation
Kechavarzi, B., **Šabanović, S.**, Weisman, K. *Proceedings of the 21st IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN 2012)*, Paris, September 2012, pp. 608-613.

Around the world with PARO: Challenges in designing and using assistive robots across cultures
Šabanović, S., Huber, L., Shibata, T., *Proceedings of IROS 2011 Workshop on New and Emerging Technologies in Assistive Robotics*, pp. 22-23, San Francisco CA, September 2011.

Designing a robot through prototyping in the wild
Šabanović, S., Reeder, S., Kechavarzi, B., Zimmerman, Z. *Proceedings of 6th International Conference on Human-Robot Interaction (HRI 2011)*, Late-Breaking Reports, Lausanne Switzerland, March 2011, pp. 239-240.

ROUNDTABLE: ISCHOOLS AS BRIDGES BETWEEN SCIENTOMETRICS AND STS
Milojević, S., **Šabanović, S.**, Sugimoto, C. R., Edwards, P. M. , Hakken, D., Knobel, C. *Proceedings of iConference 2011*, Seattle WA, February 2011.

COLLABORATIVE MODELING FOR ROBOT DESIGN
Šabanović, S., Francisco, M. *Proceedings of iConference 2010*, Urbana-Champaign IL, February 2010.

GROUNDING COMMUNICATION WITHOUT PRIOR STRUCTURE
Meisner, E., **Šabanović, S.**, *Proceedings of AAAI 2010 Spring Symposium on It's All in the Timing: Representing and Reasoning about Time in Interactive Behavior*, pp. , March 2010. (URL: http://www.aaai.org/ocs/index.php/SSS/SSS10/paper/view/1159)

POSTER: SOCIALLY DISTRIBUTED PERCEPTION
Michalowski, M. P., **Sabanovic, S.**, DiSalvo, C., Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Proceedings of 2nd ACM/IEEE International Conference on Human-Robot Interaction (HRI 2006)*, March 2006, pp. 349-350.

DEMO ABSTRACT/POSTER: SOCIAL TAG: FINDING THE PERSON WITH THE PINK HAT
Michalowski, M. P., DiSalvo, C., **Sabanovic, S.**, Busquets, D., Hiatt, L. M., Melchior, N. A., Simmons, R., *Proceedings of 20th National Conference on Artificial Intelligence (AAAI 2005)*, Pittsburgh PA, July 2005.

Book Chapters

COGNITIVE HUMAN-ROBOT INTERACTION
Mutlu, B., Roy, N., **Šabanović, S.** *Handbook of Robotics*, B. Siciliano, K. Oussama, and D. Rus (Eds.), Springer, 2016.

SHERRY TURKLE
Šabanović, S., Caporael, L. R. *Encyclopedia of Cyber Behavior*, Z. Yan (Ed.), pp. 1-8, IGI Global: Hershey PA, 2012.

SOCIAL ROBOTICS
Šabanović, S., *Battleground: Science and Technology*, S. Restivo and P. H. Denton (Eds.), Greenwood Press, 2008.

Unrefereed Publications

ROBOTICS NARRATIVES AND NETWORKS [HISTORY]
Šabanović, S., Milojević, S., Asaro, P., Francisco, M. *IEEE Robotics and Automation Magazine 22(1)*: 137-146, 2015.

RAYMOND JARVIS [HISTORY]
Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine 21(4)*: 120-126, 2014.

MIOMIR VUKOBRATOVIĆ [HISTORY]
Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine 20(2)*: 112-122, 2013.

JOHN MCCARTHY [HISTORY]
Šabanović, S., Milojević, S., Kaur, J. *IEEE Robotics and Automation Magazine 19(4)*: 99-106, 2012.

GEORGE CHARLES DEVOL, JR. [HISTORY]
Ballard, L.A., **Šabanović, S.**, Kaur, J., Milojević, S. *IEEE Robotics and Automation Magazine 19(3)*: 114-119, 2012.

Conference Presentations & Abstracts

EDUCATION SESSION: THE USE OF SOCIALLY ASSISTIVE ROBOTS: CONCEPT, RESEARCH, AND APPLICATION TO RECREATIONAL THERAPY September 2016
American Recreational Therapy Association (ATRA) conference, Chicago IL (with J. Piatt, S. Nagata, T. Shibata, L. Eldridge)

ROBOTICS FIRSTS: TRACING THE DEVELOPMENT OF ROBOTICS IN JAPAN THROUGH ORAL HISTORY INTERVIEWS   July 2016
Society for History of Technology (SHOT) conference, Singapore

COLLABORATIVE RESEARCH ITEST-STRATEGIES: HUMAN-CENTERED ROBOTICS EXPERIENCES FOR EXPLORING ENGINEERING, COMPUTER SCIENCE, AND SOCIETY.   April 2016
Annual Conference of the American Educational Research Association (AERA 2016), Washington DC, (Hmelo-Silver, C., Gomoll, A., Francisco, M. **Šabanović, S.**, Novak, W.)

STS MAKING AND DOING DEMONSTRATION:
EXPLORING SOCIOTECHNICAL SYSTEMS IN STEM EDUCATION: A HUMAN-CENTERED ROBOTICS CURRICULUM FOR GRADES 6-12   November 2015
Society for the Social Studies of Science (4S) conference, Denver CO

ROBOTICS IN ELDERCARE: FROM TECHNOLOGICAL FIX
TO SOCIOTECHNICAL DESIGN   November 2015
Society for the Social Studies of Science (4S) conference, Denver CO

DISCUSSANT FOR SESSION ON CULTURE AND AFFECT   July 2015
Drone War Symposium, Indiana University, Bloomington IN

THREE STUDIES ON USER PERCEPTIONS AND USE OF PARO IN A
RETIREMENT COMMUNITY IN THE US   August 2014
American Psychological Association (APA) Symposium on Psychosocial Applications of Robotic Technology in Long Term Care and Beyond

DESIGNING ROBOTS IN THE WILD: IN SITU PROTOTYPE EVALUATION
FOR A BREAK MANAGEMENT ROBOT   March 2014
9th IEEE/ACM International Conference on Human-Robot Interaction (HRI'14). (Šabanović, S., Reeder, S. M., Kechavarzi, B.).

CROSS-CULTURAL DIFFERENCES IN THE USE OF TECHNOLOGY
WITH OLDER ADULTS   February 2014
Association for Gerontology in Higher Education, 40th Annual Meeting, Denver, CO. (L. Huber, Chang, W., Šabanović S., Casey Bennett, C., Hamer, S., Lopes, M).

CULTURAL MODELS IN SOCIAL ROBOTICS–COMPARATIVE STUDIES
WITH OLDER USERS IN THE US AND JAPAN   February 2012
Association for Gerontology in Higher Education, 38th Annual Meeting and Educational Leadership Conference, Arlington VA. (S. Šabanović, L. Huber, W. Chang)

TRANSLATING BETWEEN STS AND ROBOTICS   November 2011
Society for Social Studies of Science (4S 2011) Conference, Cleveland OH

50 YEARS OF ROBOTICS THROUGH NARRATIVES AND NETWORKS
ROBOTICS CULTURE   November 2011
International Network for Engineering Studies (INES) Workshop, Cleveland OH

THE ROBOT IN THE ZEN GARDEN: CONSTRUCTING JAPANESE
ROBOTICS CULTURE   August 2010
Society for Social Studies of Science (4S 2010) Conference, Tokyo, Japan

SCAFFOLDER: AN INTERFACE FOR AGENT-BASED DISCOURSE   July 2009
Swarmfest 2009, Santa Fe, NM (With M. Francisco)

AUTOMATIC FOR THE PEOPLE: ENGINEERING CULTURES AND IMAGINING
COMMUNITIES IN SOCIAL ROBOTICS LABS IN THE US AND JAPAN   November 2008
American Anthropological Association (AAA) Conference, San Francisco, CA

WEAVING CULTURE INTO THE TRANSNATIONAL WEB OF SCIENCE   August 2008
(With M. Francisco)
4S & EASST (European Assoc. for Study of Science and Tech.) Conference, Rotterdam, Netherlands

THERE AND BACK AGAIN: TRAVERSING THE BOUNDARIES
BETWEEN SCIENCE STUDIES AND SOCIAL ROBOTICS   November 2006
Society for Social Studies of Science (4S) Conference, Vancouver, Canada

CONFIGURING EPISTEMIC NARRATIVES: THEORETICAL APPROACHES TO
CROSS-CULTURAL STUDIES OF SOCIAL ROBOT DESIGN   August 2004
4S & EASST (European Assoc. for Study of Science and Tech.) Conference, Paris, France

PICTURING CULTURAL NARRATIVES: A CROSS-CULTURAL STUDY
OF SOCIAL ROBOTICS   February 2004
6th Annual STS Graduate Student Conference, Troy, NY

CULTURAL EPISTEMES AND SOCIAL AGENTS   April 2003
Workshop on Social Studies of Social Robotics, Harvey Mudd College, CA

Papers in Preparation

COMPANIONSHIP WITH A ROBOT? THERAPISTS PERSPECTIVES ON SOCIALLY ASSISTIVE ROBOTS
AS THERAPEUTIC INTERVENTIONS IN COMMUNITY MENTAL HEALTH FOR OLDER ADULTS
Piatt, J. A., Nagata, S., **Šabanović, S.** , Bennett, C., Chang, W. (Accepted at *American Journal of Recreational Therapy.*).

Professional Service

EVENT CHAIR
13th ACM/IEEE International Conference on Human-Robot Interaction HRI'18 (General Co-Chair with T. Kanda)
Workshop on "'All for One and One for All': Systematic Data Collection and Sharing to Advance Socially Assistive Robots" at HRI 2017 conference, Vienna Austria (March 2017) (Co-organized and co-chaired with M. Begum)
Workshop on "Robots in Groups and Teams" at CSCW conference, Portland OR (February 2017) (Co-organized and co-chaired with M. Jung, F. Eyssel, M. Fraune)
Workshop on "Groups in Human-Robot Interaction" at the RO-MAN 2016 conference, New York NY (August 2016) (Co-organized and co-chaired with F. Eyssel, M. Fraune, R. Wullenkord)
11th ACM/IEEE International Conference on Human-Robot Interaction HRI'16 (Program Committee Co-Chair with Ana Paiva)
Workshop on "The challenge (not) to go wild: Challenges and best practices to study HRI in natural interaction settings" at the HRI'16 Conference, Christchurch, New Zealand (March 2016) (Co-organized and co-chaired with Astrid Weiss, and Astrid Rosenthal von der Putten)
Workshop on HRI Education at the HRI'15 Conference, Portland OR (March 2015) (Co-organized and co-chaired with Cindy Bethel and Carlotta Berry)
Int'l Workshop on Collaborative Robots and Human Robot Interaction, San Diego (May 2013)
Int'l Workshop on Collaborative Robots and Human Robot Interaction, Denver (May 2012)
Int'l Workshop on Collaborative Robots and Human Robot Interaction, Philadelphia (May 2011)
NSF Human Centered Robotics (HCR-2011) Workshop, Istanbul Turkey (April 2011)
AAAI Spring Symposium on Multidisciplinary Collaboration for Socially Assistive Robotics, Stanford CA (March 2007)

ORGANIZING COMMITTEE MEMBER
24th IEEE International Symposium on Robots and Human Interactive Communications, RO-MAN 2015 (Publicity Chair)
23rd IEEE International Symposium on Robots and Human Interactive Communications, RO-MAN 2014 (Special Programme Chair)
9th ACM/IEEE International Conference on Human-Robot Interaction HRI'14 (Publication Chair)
8th ACM/IEEE International Conference on Human-Robot Interaction HRI'13 (Publication Chair)

7th ACM/IEEE International Conference on Human-Robot Interaction HRI'12 (Registration Chair)

6th ACM/IEEE International Conference on Human-Robot Interaction HRI'11 (Registration Chair)

5th ACM/IEEE International Conference on Human-Robot Interaction HRI'10 (Workshops and Tutorials Co-Chair)

6th Annual STS Graduate Student Conference 2004 (General Co-Chair)

PROGRAM COMMITTEE MEMBER

ACM SIGCHI Conference on Human Factors in Computing Systems, Late-Breaking Reports 2016

IEEE International Symposium on Robots and Human Interactive Communications, RO-MAN 2011, RO-MAN 2015, RO-MAN 2016 (Associate Editor)

ACM/IEEE International Conference on Human-Robot Interaction HRI'14, HRI'15, HRI'17

Robotics: Science and Systems, RSS 2011, 2013, HRI Committee Member

IEEE/RSJ Int'l Conference on Intelligent Robots and Systems, IROS 2013, 2014, 2015 Associate Editor

International Conference on Social Robotics, ICSR 2012, 2013, 2015 (Associate Editor)

Society for the Social Studies of Science Conference, 4S 2011

EDITORIAL BOARD

Editor in Chief, Journal of Human-Robot Interaction (2016–present) Associate Editor, Journal of Human-Robot Interaction (2015–2016) Section Associate Editor for Entertainment Robotics in Journal of Entertainment Computing (2011–present).

Editor, Facts and Artifacts: Annual Newsletter for Department of Science and Technology Studies at RPI (2004-2005).

SESSION ORGANIZER & CHAIR

iConference Roundtable on "iSchools as Bridges between Scientometrics and STS"

Society for the Social Studies of Science Conference 4S 2010 Session on "Robots across cultures" (with Janet Vertesi)

Society for the Social Studies of Science Conference 4S 2006 Session on "STS interventions into scientific and technical practice" (With Matthew Francisco)

IEEE International Workshop on Advanced Motion Control AMC'06 Special Invited Session on "Social Robotics"

INVITED SESSION CHAIR

10th ACM/IEEE International Conference on Human-Robot Interaction HRI'15, "Robots and Children"

9th ACM/IEEE International Conference on Human-Robot Interaction HRI'14, "Robot Teachers and Learners"

6th ACM/IEEE International Conference on Human-Robot Interaction HRI'11, "Engagement"

5th ACM/IEEE International Conference on Human-Robot Interaction HRI'10, "Social and Moral Interaction with Robots"

JOURNAL REVIEWER

RSJ Advanced Robotics Journal (2016), Sage Open (2016), Journal of Engineering Studies (2016), Information Society (2016), Transformations (2016), IEEE Transactions on Human-Machine Systems (2013, 2014), Transactions on Computer Human Interaction (2012, 2016), Entertainment Computing (2012, 2014), Journal of the Social Studies of Science (2012, 2013, 2014, 2015), International Journal of Social Robotics (2012-2016), International Journal of Human-Computer Studies (2012, 2013, 2016), IEEE Transactions on Education (2012), International Journal of Human-Robot Interaction (2012, 2013, 2014, 2015), Journal of Personality and Social Psychology (2011), ACM Transactions on Systems, Man and Cybernetics, Part A (2010–15), IEEE Transactions on Robotics (2010, 2011), Paladyn Journal of Behavioral Robotics (2011, 2013), Philosophy and Technology (2011), Interaction Studies: Social Behaviour and Communication in Biological

and Artificial Systems (2010, 2008, 2012- 2014), Autonomous Robots (2010, 2013, 2014), Children, Youth, Environments (2008), Human Technology (2014), Science, Technology and Human Values (2014, 2016).

CONFERENCE REVIEWER
Designing Interactive Systems (DIS 2016), Interaction Design for Children (IDC 2016), Humanoids (2016), International Conference on Multimodal Interaction (2012), ACM SIGCHI Conference on Human Factors in Computing Systems (CHI2012-2016), Human-Robot Interaction Conference (HRI 2007-2014), Robotics: Science and Systems (RSS 2011-2014), International Conference on Social Robotics (2011-2014), International Conference on Intelligent Robots and Systems (IROS 2010-2014), International Conference on Robotics and Automation (ICRA 2009-2011, 2014), International Symposium on Industrial Electronics (ISIE 2010), International Symposium on Robot and Human Interactive Communication (RO-MAN 2008-2014), International Joint Conference on Neural Networks (IJCNN 2006).

GRANT REVIEWER
National Science and Engineering Council of Canada (2016)
European Research Council, Starting Grants (2016)
Maryland Industrial Partnerships Proposal (2016)
Euregio Regional Funding Proposal (2016)
NSF Reviewer in 4 panels and 6 ad hoc reviews (2012, 2014, 2015, 2016)
Wiener Wissenschafts-, Forschungs-, und Technologiefonds, Cognitive Science Program (2011)

Institutional Service

COMMITTEES

IU Center for Survey Research Advisory Committee Member	Fall 2016–present
Cognitive Science Undergraduate Program Committee Member	Spring 2016–present
Cognitive Science Graduate Program Committee Member	Fall 2015–present
Intelligent Interactive Systems Track Director	Fall 2014–present
Intelligent and Interactive Systems Hiring Committee Member	Fall 2014-Spring 2015
Cognitive Science Hiring Committee Chair	Fall 2014-Spring 2015
Cognitive Science/Informatics Liaison	2014–present
Cognitive Science Admissions Committee Member	Spring 2014
Graduate Informatics Student Association (GISA) Advisor	Fall 2013–present
SOIC Colloquium Committee Chair	Summer 2013–present
IGERT Education and Training Committee Member	Fall 2012–2015
Rob Kling Center for Social Informatics Steering Committee Member	Fall 2012–2015
Social Informatics Hiring Committee Member	Fall 2011–Spring 2012
Informatics Graduate Program Committee (GPC) Member	2009 – present
Social Informatics Strategic Planning Committee Member	2011
Health Informatics Committee Member	2011
I501/I502 Series Subcommittee of the GPC Member	2010
IU Bloomington Cinema Board Member	2010 – 2016
Women in Computing Advisory Board Member	2010 – 2015

GUEST LECTURES

Bridge to Informatics, DePauw University	January 2016, Jan 2017
I453, Computer and Information Ethics	
"Robot Ethics"	November 2016
Q400, Cognitive Science Capstone	
"The Psychology of Human-Robot Interaction"	April 2015, April 2016
I101, Introduction to Informatics, "Robotics in Society"	
	Feb 2015, Sep 2015, April and Sep 2016
Social Psychology Course, Univ. of Bielefeld, "Making Robots Social"	July 2014
P659, Social Psychology, "Social Robotics"	November 2014
Ethics in Computing, "Robot Ethics"	October 2014, November 2016

Health Informatics, "Assistive Robotics"   September 2014, September 2015, September 2016

I400 Informatics in Disasters and Emergencies,

"HRI in disasters and emergencies"   October 2013

Q609 Professional Development Seminar,

"Finding, getting, and enjoying a job in academia"   October 2013

1400/590 Health Informatics, "Robots and Ethics" and "Assistive Robotics"

January and April 2013, April 2016

Q400 Cognitive Science Seminar, "Social Human-Robot Interaction (HRI)"   February 2013

Y100 Introduction to Informatics, "Social Robotics and HRI"

September and November 2012

E104 Brains, Minds, Robots, and Computers, "R-House Living Lab and

HRI Research"   October 2011

Q400 Cognitive Science Seminar, "Social Human-Robot Interaction (HRI)"   October 2011

PSY657 Social Embodiment, "Social Embodiment in Robotics and HRI"   April 2011

1400/590 Health Informatics, "Robots and Ethics" and "Assistive Robotics"   January 2011

Informatics Summer Camp, "Robots in Society"   June 2010

Informatics Honors Seminar, "Towards Socially Robust Robots"   April 2010

I399 Topic Course, "Studying Human-Robot Interaction"   March 2010

HCI/d PhD Student Seminar, "Social Human-Robot Interaction Design"   November 2009

I501 Introduction to Informatics, "Social Studies of Robotics"   October 2008

Humans and Machines course, Stanford University, "Robot Cultures Past, Present, and Future"

September 2007

Design, Culture and Society course, RPI, "Constructing Robot Cultures"   April 2006

Introduction to Cognitive Science course, RPI, "Making Friends: An overview of socially interactive robots"   April 2004

Introduction to Science and Technology Studies course, RPI, "The Social Robots Are Coming!"

Community Service

WONDERLAB SCIENCE MUSEUM SCIENCE NIGHT OUT   February 2016
Hands-on activities and demos of social robots.

IU SCIENCE FEST   October 2015, October 2016
Hands-on activities and demos of social robotics.

WONDERLAB SCIENCE MUSEUM   April 2015
Hands-on activity on social robotics for one-day presentation.

INTERACTIVE AND INTELLIGENT SYSTEMS OPEN HOUSE   April 2015, April 2016
Organized and hosted (with David Crandall) a showcase of work from students and faculty in SOIC and Cognitive Science as part of National Robotics Week.

ELLETTSVILLE GIRLS AND BOYS CLUB   Spring 2015
Weekly Robotics Club activity for students ages 10-17.

BANNEKER COMMUNITY CENTER   July 2013
Invited lecture on robotics for summer camp students.

IU PATHFINDERS SUMMER CAMP   June 2013
Invited lecture on robotics for campers.

WONDERLAB SCIENCE MUSEUM SUMMER CAMP   July 2012
Invited lecture on robotics for campers.

IU SUMMER SCIENCE CAMP   July 2011
Hosted 6-8th grade students from Indiana in the R-House lab and presented research.

WONDERLAB SCIENCE MUSEUM SUMMER CAMP   July 2011
Invited lecture on robotics for campers.

ANNUAL ROBOTICS OPEN HOUSE   April 2010-2014
Organized and held the Robotics Open House as part of National Robotics Week (with Kris
Hauser and David Crandall) representing work in robotics and artificial intelligence at SOIC.

WONDERLAB SCIENCE MUSEUM   January 2011
Organized and implemented a human-robot interaction activity for WonderLab's "Metal May-
hem" event. SOIC was named as a sponsor.

HABITAT FOR HUMANITY   October 2009
Participated in a "build" for Habitat with other SOIC faculty.

Diversity   MENTOR   August 2016- May 2017
Secured CRA-W CREU funding and mentored a group of female students in SOIC and Cogni-
tive Science on 2 research projects.

MENTOR   September 2015- present
Mentoring a group of female students who are living at the STIM Floor at IUB.

MENTOR   June 2015 - August 2016
Mentored a minority female undergraduate STEM Summer Scholar.

MENTOR   May-July 2015
Mentoring an undergraduate student from Brazil as part of IU SROC program.

INVITED LECTURE   July 2015
Invited research lecture for IU STEM Summer Scholars Institute participants.

INVITED LECTURE   June 2015
Lecture on literature reviews for IU SROC students.

MENTOR   September 2014- present
Mentoring a female undergraduate Cox Scholar.

MENTOR   December 2014- present
Mentoring two student through the Center of Excellence for Women in Technology (CEWIT)'s
Research Experiences for Undergraduate Women (REU-W) program.

MENTOR   June-July 2015
Mentored a minority female undergraduate STEM Summer Scholar and a Summer Research
Opportunities in Computing (SROC) undergraduate student.

ROBOTICS DEMO   April 2014
Presented robots and research in our lab to group of women from Women Empowering Success
in Technology (WESIT).

ROBOTICS DEMO   March 2014
Presented robots and research in our lab to group of women from Delta Academy.

ROBOTICS DEMO   October 2013
Presented robots and research from our lab at Center of Excellence for Women in Technology
(CEWIT) launch event.

MENTOR   June-July 2013
Mentored two undergraduate HBCU students as IU STEM Summer Scholar Fellows.

INVITED LECTURE   July 2012
Gave a presentation on social robotics to middle school girls as part of a STEM Summer Camp
program at IU.

INVITED LECTURE   July 2012

Hosted students from Delta Academy at R-House lab to discuss robotics research and careers. The Delta Academy provides an opportunity for local Delta chapters to enrich and enhance the education in math, science, and technology that our young teens (ages 11-14) receive in public schools across the nation.

MENTOR   January 2012- August 2012

Mentored a female minority undergraduate Cox Scholar.

INVITED LECTURE   April 2011

Gave a lecture on graduate school and social robotics research at IU Northwest NSF IGERT on the Dynamics of Brain-Body-Environment.

MENTOR   July-August 2010

Mentored a minority student from IU Northwest as part of the diversity activities forNSF IGERT on the Dynamics of Brain-Body-Environment.

MENTOR   Spring 2011

Mentored a minority student under the SOIC Research Scholars Program.

INVITED LECTURE   June 2010

Gave a lecture on social robotics to students in the IU Groups Program, which is designed to support freshmen at risk of not completing college.

INVITED LECTURE   June 2010

Hosted 15-20 members of the Girls, Inc. program on their visit to the School of Informatics and Computing and talked to them about robotics, with Kris Hauser.

Advising   DOCTORAL DISSERTATION CHAIR

Swapna Joshi (2016–present)
Natasha Randall (2016–present)
Haodan Tan (co-advised with Eli Blevis, 2014–present)
Marlena Fraune (2013–present, co-advised with Eliot Smith)
Jangwon Lee (co-advised with David Crandall, 2013–present)
Casey Bennett (2012–2015, graduated)
Heerin Lee (2011–present)
Wynnie Chang (2011–present)
Zachary Tosi (2012–2013)
Daryl Hanson (2010–2012)
Kevin Makice (2010)

DOCTORAL DISSERTATION COMMITTEE

Yusaku Nishiwaki, PhD, Toyohashi University of Technology (2016–present)
Annu Prabhakar (2015–present)
Alexis Peirce Caudell (2015–present)
Christopher Miles (2016–present)
Daniel Quarooni (2016–present)
Cory Juwuan Hayes, Computer Science and Engineering PhD, Notre Dame Univ., (2014–2015, graduated)
Ginger White, Health Informatics PhD, IUB (2013–present)
Hari Machina, Informatics, PhD, IUB (2012-2013, graduated)
Himalaya Patel, Informatics PhD, IUPUI (2012–2014, graduated)
Linger Xu, Cognitive Science/Computer Science PhD, IUB (2012–present)
Heather Wiltse, Human-Computer Interaction Design PhD, IUB (2012-2013, graduated)
Jennifer Terrell, Social Informatics PhD, IUB (2012–2015, graduated)
Muzaffer Ozakca, Social Informatics PhD, IUB (2011-2013)

DOCTORAL DISSERTATION EXTERNAL EXAMINER
Karolina Zawieska, University College Dublin, June 2016
Eduardo Sandoval, Christchurch, October 2016

MASTERS THESIS COMMITTEE
Hannah M. Smith, Psychology, IUB, (2014-2015, graduated)

QUALIFYING EXAM COMMITTEE
Hannah Rawcliffe, Informatics PhD
Daniel Quarooni, Informatics and Cognitive Science, PhD
Alexis Peirce Caudell, Informatics PhD
Gary Deckard, Security Informatics PhD (2016)
Christopher Miles, Informatics PhD (2016)
Stephen Sherrin, Cognitive Science PhD (2015)
Ginger White, Health Informatics Phd
Tonya Thompson, Human-Computer Interaction Design PhD (2014)
Linger Xu, Cognitive Science/Computer Science PhD (2012)
Heather Wiltse, Human-Computer Interaction Design PhD (2012)
Jennifer Terrell, Social Informatics PhD (2011)

GRADUATE INDEPENDENT RESEARCH
AnnaRose Girvin, I699 (3 credits), Design research in educational robotics (Spring 2017)
Alexis Peirce Caudell, I790 (3 credits), Field study of domestic robot use with older adults (Fall 2016)
Annu Prabhakar, I790 (3 credits), Field study of domestic robot use with older adults (Summer 2016)
Natasha Randall, I790 (3 credits), Field study of domestic robot use with older adults (Fall 2016)
Monet Rouse, I699 (3 credits), Educational robotics interface design (Spring 2015)
Alisa Avigan, I699 (3 credits), Robot face design (Spring 2015)
Swapna Joshi, I699 (3 credits), Public and community robotics (Spring 2015)
Haodan Tan, I699 (3 credits), Human-robot interaction design research project (Spring 2014)
Casey Bennet, I790, (3 credits) Research rotation (Spring 2012); I699, (3 credits) Independent Study (Summer 2012)
Jeremy White, I699 (3 credits) Human-robot interaction research project (Fall 2011)
Wan-Ling Chang, I790, (3 credits) Research rotation (Fall 2012)
Heerin Lee, I790, (3 credits) Research rotation (Fall 2011), I699 (3 credits) Independent study (Fall 2012)
Daryl Hansen, Q799 (3 credits), Readings and research in Cognitive Science (Fall 2010)

UNDERGRADUATE INDEPENDENT RESEARCH
Anne Lin, PSY 493 (3 credits), Research in human-robot interaction (Fall 2016)
Benjamin Oistad, PSY 493 (3 credits), Research in human-robot interaction (Spring 2015)
Anthony Kempiak, PSY493 (3 credits), Research in human-robot interaction (Spring 2015)
Jacob Bloom, PSY493 (3 credits), Research in human-robot interaction (Spring 2015)
Logan Doyle, Y391 (6 credits), Research in human-robot interaction (Fall 2014–current)
Kate Shaw, Y391 (9 credits), Research in human-robot interaction (Fall 2013-Fall 2014)
Kaylynn Jessee, Q498 (3 credits), Research in human-robot interaction (Fall 2011)
Graham Pedersen, Y391 (2 credits), Research in human-robot interaction (Fall 2012)
Mary Carter, PSY493 and PSY 494 (6 credits), Research in human-robot interaction (Fall 2011)
Anna Holm, Q493 and Q498 (4 credits), Readings and research in human-robot interaction (Fall 2011)
June Park, Y391 (1 credit), Research in human-robot interaction (Fall 2011)

SENIOR THESIS
Catherine Sembroski, in progress
Miranda Meade, in progress

Ying Yu Hong, "Exploration of Domestic Robot Design with Baby Boomers" (completed July 2015)

Mentorship Highlights

YOUNG PIONEERS WORKSHOP AT HRI'17   March 2017
Haodan Tan was accepted to this invitational workshop funded by the NSF.

NSF GRADUATE RESEARCH OPPORTUNITIES WORLDWIDE (GROW) AWARD   Fall 2016
Awarded to Marlena Fraune for collaborative research with Advanced Telecommunications Research Institute International (ATR) in Japan.

NSF EAST ASIAN PACIFIC SUMMER INSTITUTE FELLOWSHIP   Summer 2016
Awarded to Marlena Fraune for collaborative research with Toyohashi University of Technology in Japan.

ROB KLING CENTER FOR SOCIAL INFORMATICS GRADUATE FELLOWSHIP   July 2015
$5,000 fellowship awarded to Hee Rin Lee for working on her doctoral research.

IGERT/SOIC SUMMER RESEARCH AWARD   June-August 2015
Haodan Tan received $5,000 as a Cognitive Science IGERT associate in Informatics.

NSF GRADUATE RESEARCH FELLOWSHIP PROGRAM (GRFP)   March 2015
Three-year fellowship awarded to Marlena Fraune for research on Group Effects in Human-Robot Interaction.

YOUNG PIONEERS WORKSHOP AT HRI'15   March 2015
Wan-Ling Chang was accepted to this invitational workshop funded by the NSF.

YOUNG PIONEERS WORKSHOP AT HRI'14   March 2015
Marlena Fraune was accepted to this invitational workshop funded by the NSF (March 2014).

SUMMER PRE-DISSERTATION RESEARCH AWARD   June-August 2014
$2,848 awarded to Hee Rin Lee.

IGERT/SOIC SUMMER RESEARCH AWARD   June-August 2013 and 2014
Casey Bennett received $10,000 total funds over two years as a Cognitive Science IGERT associate in Informatics

EAST ASIAN STUDIES CENTER TRAVEL GRANT   February 2013
Wan-Ling Chang received $300 in travel funding for research on technology use in eldercare in Taiwan.

Invited Talks

COLLABORATIVE IMPLEMENTATION AND DESIGN OF HEALTHCARE ROBOTS WITH OLDER ADULTS AND CLINICIANS   November 2016
Invited talk at "Workshop on Using Social Robots to Improve the Quality of Life in the Elderly" ICSR 2016, Kansas City, KS.

CO-DESIGNING ROBOTS: BRINGING USERS AND CONTEXT
INTO ROBOT DESIGN   September 2016
Invited talk at "Robotics in the 21st Century: Challenges and Promises" Invitational Symposium, Gottingen, Germany.

WHAT CAN ROBOTS DO FOR US? APPLICATIONS AND IMPLICATIONS OF HUMAN-CENTERED ROBOTS IN ELDERCARE AND EDUCATION   July 2016
Invited keynote at Association for Educational Communication and Technology (AECT) Leadership Symposium, Bloomington, IN.

SOCIALIZING ROBOTS: BRINGING USERS AND CONTEXT
INTO ROBOT DESIGN THROUGH COLLABORATIVE APPROACHES   July 2016
Invited talk at SMART Lab seminar, University College Dublin, Ireland.

ROBOTS AMONG US: SOCIAL APPLICATIONS AND IMPLICATIONS
OF ASSISTIVE ROBOTS   May 2016
IUB Lifelong Learning, Meadowood Retirement Community, Bloomington, IN.

SOCIALIZING ROBOTS: A COLLABORATIVE APPROACH TO ROBOT DESIGN   April 2016
Colloquium talk at School of Informatics and Computing at Indiana University Purdue University Indianapolis.

INTELLIGENT INTERACTIVE SYSTEMS AT
INDIANA UNIVERSITY BLOOMINGTON   November 2015
Invited talk at the Inaugural Meeting of the Thematic Network on Intelligent Interactive Systems, Bielefeld University.

CONSTRUCTING CULTURE IN SOCIAL ROBOTICS   August 2015
Invited lecture at the 2nd Summer School on Social HRI, Aland, Finland.

CULTURE-AWARE ROBOT DESIGN WORKSHOP   August 2015
Invited workshop at the 2nd Summer School on Social HRI, Aland, Finland.

HUMAN-ROBOT INTERACTION: LAW ON THE HOME FRONT   March 2015
Panel discussion member at the 10th International Conference on Human-Robot Interaction HRI'15, Portland OR.

MAKING LOVE TO SIRI: THE SEDUCTIVENESS OF ROBOTS   March 2015
Radio interview with Prof. Colin Allen on advances in social robotics.
URL: http://wfhb.org/news/interchange-making-love-to-siri-the-seductiveness-of-robots/

ASSISTIVE HUMAN-ROBOT INTERACTION   February 2014
ICSA Catalyst Undergraduate Workshop, Indiana University, Bloomington IN.

DESIGNING ROBOT CULTURES   July 2014
Bielefeld University, Germany, Cognitive Information Technology – Center of Excellence Colloquium.

ROBOT BOYS AND GIRLS? CONSTRUCTING GENDER IN SOCIAL ROBOTICS   July 2014
Bielefeld University, Germany, Gender Studies Program Colloquium.

ASSISTIVE ROBOTICS: SOCIAL APPLICATIONS AND IMPLICATIONS   June 2014
Mini University 2014, Indiana University-Bloomington, IN.

SOCIALIZING CO-ROBOTS: INCORPORATING USERS AND SITUATED INTERACTION IN THE DESIGN OF COLLABORATIVE ROBOTS   May 2014
Keynote at Workshop on Human-Robot Interaction at the Collaboration Technologies and Systems (CTS 2014) conference.

SOCIALIZING ROBOTS: SITUATED ANALYSIS OF PARO IN A
U.S. NURSING HOME   March 2014
"Socially assistive robots for the aging population: Are we trapped in stereotypes?" Workshop at HRI'14, Bielefeld, Germany.

CROSS-CULTURAL PERSPECTIVES ON ROBOT DESIGN   February 2014
"Going Beyond the Laboratory: Ethical and Societal Challenges for Robotics" Conference, Delmenhorst, Germany.

DESIGNING ROBOTS IN SOCIETY   May 2013
Indiana University - Purdue University Indianapolis (IUPUI) Science on Tap.

HUMAN-CENTERED ROBOTICS: A HUMANISTIC PERSPECTIVE
ON ROBOT DESIGN   October 2012
School of Informatics and Computing Colloquium, Indiana University - Purdue University Indianapolis (IUPUI).

JUST DEWEY IT: PROTOTYPING AND IN SITU EVALUATION OF A
SOCIALLY ASSISTIVE ROBOT FOR THE OFFICE   March 2012
7th ACM/IEEE International Conference on Human-Robot Interaction HRI'12, Boston, MA.

CRITICAL AND PARTICIPATORY METHODS IN SOCIAL INFORMATICS   December 2011
Social Informatics Graduate Student Meeting, School of Informatics and Computing, Indiana University Bloomington.

CRITICAL PARTICIPATORY PRACTICE TO BRIDGE SOCIAL SCIENCE
AND ROBOTICS   November 2011
Intelligent Systems Seminar, School of Informatics and Computing, Indiana University Bloomington.

HUMAN-CENTERED ROBOTICS: A SOCIAL SCIENCE PERSPECTIVE   April 2011
NSF Workshop on Human-Centered Robotics, Istanbul Technical University, Turkey.

SOCIAL ROBOTICS AND HUMAN-ROBOT INTERACTION   March 2011
Department of Electrical Engineering Colloquium, University of Sarajevo, Bosnia and Herzegovina.

HUMAN-ROBOT INTERACTION RESEARCH   February 2011
ICSA Catalyst Undergraduate Workshop, Indiana University, Bloomington IN.

IF THEY ONLY HAD HEARTS: CULTURE, AFFECT, AND ROBOT DESIGN   February 2011
Microsoft Office Labs Seminar, Seattle, WA.

ROBOT CULTURES, CULTURAL MODELS, AND CULTURALLY SITUATED DESIGN   March 2010
School of Informatics and Computing Colloquium, Bloomington, IN.

ROBOTS AS HELPERS AND COMPANIONS: SOCIAL CHALLENGES IN
TECHNOLOGY DESIGN   June 2010
Mini University 2010, Indiana University-Bloomington, IN.

FINDING, GETTING, AND ENJOYING A JOB IN ACADEMIA   March 2010
HRI Pioneers Workshop 2010, March 2 2010, Osaka, Japan.

DESIGNING SOCIAL ROBOTS: DEBATES AND CHALLENGES   December 2009
Mechatronics Program Colloquium, Faculty of Engineering and Natural Sciences, Sabanci University, Turkey

ROBOTS IN SOCIETY, SOCIETY IN ROBOTS: SOCIAL IMPACTS, MUTUAL SHAPING, AND COLLABORATIVE DESIGN   November 2009
Rob Kling Center for Social Informatics Colloquium, Indiana University, Bloomington

DESIGNING ROBOTS FROM THE OUTSIDE IN: A SOCIAL APPROACH
TO ROBOTICS   December 2008
Department of Spatial Design and Information Systems Colloquium, School of Project Design, Miyagi University, Japan

A SOCIAL SCIENTIST'S PERSPECTIVE ON ROBOT DESIGN   December 2008
Systems Robotics Laboratory, Tohoku University, Japan

SOCIAL ROBOTICS AND THE STUDY OF COGNITION   November 2008
Third Social Robotics Workshop, Schenectady Science Museum, Schenectady, NY

HUMAN-ROBOT INTERACTION: DEBATES AND CHALLENGES   April 2008
(With N. Freier)
Department of Language, Literature, and Communications Colloquium, RPI

DISCOVERY OF BEHAVIORAL DYNAMICS FOR SOCIALLY ASSISTIVE
HUMAN-ROBOT INTERACTION   September 2007
(With E. Meisner, L.R. Caporael, V. Işler, J. Trinkle)
NSF Symposium on Cyber-Enabled Discoveries and Innovations, Troy, NY

SOCIABLE MACHINES: ROBOT CULTURE   June 2007
Chair of Tech Epoch University Roundtable, Japan Society, New York, NY

INTERDISCIPLINARY COLLABORATION IN HUMAN-ROBOT INTERACTION   April 2007
Robotics Seminar, Department of Computer Science, RPI

THE HYBRID SCIENCE OF SOCIAL ROBOTICS   November 2006
Knowledge Based Engineering Lab Seminar, Toyohashi University of Technology, Japan

SOCIAL PERSPECTIVES ON HUMAN-ROBOT INTERACTION   August 2006
Panel member, Graduate Student Invitational Workshop on Human-Robot Interaction, Carmel, CA

CROSS-CULTURAL STUDIES OF SOCIAL ROBOTICS   March 2005
Ubiquitous Functions Research Group Seminar, AIST Tsukuba, Japan