JAMES E. YOUNG

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AFFILIATIONS

06/2022–present	VISITING PROFESSOR NICT International Researcher Program Hokkaido University, Japan
04/2021–present 04/2016–03/2021 01/2011–03/2016	PROFESSOR ASSOCIATE PROFESSOR ASSISTANT PROFESSOR Computer Science, University of Manitoba Human-Robot Interaction Group (Director)
03/2020–present	ADJUNCT ASSOCIATE PROFESSOR Electrical and Computer Engineering, University of Waterloo
01/2019–present	RESEARCH AFFILIATE Centre on Aging, University of Manitoba
08/2022–present	MEMBER Children's Hospital Research Institute of Manitoba
05/2021–04/2022	DEPARTMENT HEAD (ACTING) Computer Science, University of Manitoba
07/2018–06/2020	ASSOCIATE HEAD: UNDERGRADUATE Computer Science, University of Manitoba
09/2010–01/2011	POST-DOCTORAL RESEARCHER Igarashi User Interface Group, University of Tokyo, Japan "Leveraging People's Social Tendencies for Interaction With Robots," primary investigator supervisor: Dr. Takeo Igarashi

RESEARCH EXPERTISE

human-robot interaction (HRI), human-computer interaction (HCI), domestic robots, social human-robot interaction, aging and robots, gender

EDUCATION

09/2005–08/2010	UNIVERSITY OF CALGARY, CANADA PhD, Department of Computer Science, Faculty of Science thesis title: "Exploring Social Interaction Between Robots and People" supervisors: Dr. Ehud Sharlin, Dr. Takeo Igarashi (University of Tokyo)
09/2000–04/2005	VANCOUVER ISLAND UNIVERSITY, CANADA BSc, Department of Computer Science

LEADERSHIP APPOINTMENTS

STEERING COMMITTEE CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, 2022–2024.

STEERING COMMITTEE
ACM/IEEE International Conference on Human-Robot Interaction, 2015–2021.
ACM International Conference on Human-Agent Interaction, 2013–2021.

MANAGING EDITOR
ACM Transactions on Human-Robot Interaction, 2019–present.

SENIOR ASSOCIATE EDITOR
ACM Transactions on Human-Robot Interaction, 2017–2019.

ASSOCIATE EDITOR
Human-Robot Interaction, Frontiers in Robotics and AI, 2018–2022.

GENERAL CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2020.

PROGRAM CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2017.
ACM International Conference on Human-Agent Interaction, HAI 2015.
ACM International Conference on Human-Agent Interaction, HAI 2014.

AWARDS (partial list)

2022   **BEST PAPER AWARD**
ACM International Conference on Human-Robot Interaction (More than words: A Framework for Describing Human-Robot Dialog Designs, Student: James Berzuk)

2019   **PAPER HONORABLE MENTION AWARD**
ACM International Conference on Creativity & Cognition
(Learning from performance arts for robot control, Student: Elaheh Sanoubari)

2018   **BEST MENTOR AWARD, FACULTY OF SCIENCE**
(Physical and Computational Sciences)

2016   **INTERNATIONAL ROBOT ART COMPETITION**
(6th Place, $5,000, Painting Robot, Student: Stela Seo)

2014   **BEST PAPER AWARD**
ACM International Conference on Human-Agent Interaction
(Paintboard: Prototyping Interactive Character Behaviors by Digitally Painting Storyboards, Student: Daniel Rea)

2013   **BEST PAPER NOMINATION**
ACM International Conference on Human-Robot Interaction
(Communicating Affect via Flight Path, Student: Megha Sharma)

2013   PAPER HONORABLE MENTION AWARD
                 International Conference on Human-Agent Interaction
                 (Would you do as a robot commands? An obedience study for human-robot interaction.
                 Student: Derek Cormier)

2012   BEST PAPER AWARD
                 ACM International Conference on Intelligent User Interfaces
                 (Style by Demonstration: Teaching Interactive Movement Style to Robots)

2012   NOMINATION FOR UNIVERSITY 1 EXCELLENCE IN TEACHING AWARD

2010–2012   JSPS POSTDOCTORAL FELLOWSHIP, total value $114,000
                 "Leveraging People's Social Tendencies for Interaction With Robots"
                 (University of Tokyo)

2009   JSPS POSTDOCTORAL FELLOWSHIP (short term), $13,000
                 "A Dog-Leash Interface for Leading a Robot"
                 (University of Tokyo)

GRANTS AND FUNDING

2022   UofM FACULTY OF SCIENCE INTERDISCIPLINARY / NEW DIRECTIONS
                 RESEARCH COLLABORATION INITIATION GRANTS, $8,870
                 "I'm a Robot, Do You Trust Me?: Towards Legal and Ethical Foundations for Social Robotics"

2022,2023   NICT INTERNATIONAL RESEARCHER PROGRAM, $70,000
                 Hokkaido University, Japan
                 "An International Canada-Japan Study of Companion Robots to Support Lonely People"

2020   RESEARCH MANITOBA STRATEGIC PARTNERSHIP AND FUNDING FOR
                 HEALTH RESEARCH INNOVATION IN MANITOBA, $180,000
                 "Telepresence Robot for People with Dementia"
                 Co-I, 15% (Urbanowski PI)

2020,2021,2022   HOKKAIDO SUMMER INSTITUTE, $5,000
                 "Human-Computer Interaction Summer Graduate Course"

2019   ACM SIGCHI DEVELOPMENT FUND, $26,000
                 "Human-Robot Interaction Conference Development"

2019   MANITOBA AGING, REHABILITATION, AND TECHNOLOGY INSTITUTE
                 DEMONSTRATION PROJECT GRANT, $6,000
                 "Emotional-Support Robot Prototype for Persons living with Depression"

2018   UofM FACULTY OF SCIENCE INTERDISCIPLINARY / NEW DIRECTIONS
                 RESEARCH COLLABORATION INITIATION GRANTS, $9,957
                 "Technology in Care Homes: Engaging Stakeholders to Inform Technological Design"

2018 NSERC / UofM SMALL RESEARCH EQUIPMENT FUND, $25,000
"Update aging and broken NAO humanoid robots"

2016–2023 NSERC DISCOVERY GRANTS PROGRAM, $217,000
"Developing Technologies for Regulating Robot Persuasion in Human-Robot Interaction"

2016–2018 NSERC COLLABORATIVE RESEARCH AND DEVELOPMENT, $181,608
"Specialized Localization Interface Technologies for Industrial Robotic Inspection", PI, 33%

2016 NSERC / UofM SMALL RESEARCH EQUIPMENT FUND, $25,000
"Personal Robot for Novel Tele-Operation Interfaces"

2015 UOFM FACULTY OF SCIENCE INTERDISCIPLINARY / NEW DIRECTIONS RESEARCH COLLABORATION INITIATION GRANTS, $8,000
"Linguistics Foundations for Conflict Resolution in Human-Robot Collaborative Teams"

2015 UNIVERSITY OF MANITOBA RESEARCH GRANTS PROGRAM (URGP), $7,500
"Novel Control Interface and Initial Results for Remotely Controlling Groups of Robots"

2015 UOFM FACULTY OF SCIENCE INTERDISCIPLINARY / NEW DIRECTIONS RESEARCH COLLABORATION INITIATION GRANTS, $9,501
"Exploring Gender Effects on Assembly-Line Human-Robot Teams"

2014 NSERC ENGAGE PLUS GRANTS PROGRAM, $23,367
"A multi-touch interface for in-the-field control of remote robot cameras"

2014 NSERC ENGAGE GRANTS PROGRAM, $25,000
"Human factors and ergonomics for next-generation personal wearable VR devices"

2014–2016 SSHRC PARTNERSHIP DEVELOPMENT GRANTS, $195,657
"Embodying empathy: fostering historical knowledge and caring through a virtual Indian residential school"
Co-I, 17% (Andrew Woolford PI)

2014 NSERC RESEARCH TOOLS AND INSTRUMENTS PROGRAM (RTI), $46,460
"Humanoid Robots for Social Interaction between People and Groups of Robots"

2013 UNIVERSITY OF MANITOBA RESEARCH GRANTS PROGRAM (URGP), $7,500
"Authoring believable interactive character behaviors by performance demonstration"

2013 NSERC ENGAGE GRANTS PROGRAM, $25,000
"Evaluating player empathy and narratives with new-media interactive characters"

2013 UNIVERSITY OF MANITOBA MAJOR OUTREACH AWARD, $7,000
"Improving Digital and Computer Science Literacy of Early and Middle Years Students in

Manitoba with Plugged and Unplugged Hands-on Workshops"
Co-I, (Christina Penner PI)

| 2012 | NSERC ENGAGE GRANTS PROGRAM, $25,000 |
| | "Developing in the field remote control interfaces for multi degree of freedom robotic arms" |

| 2012 | NSERC INTERACTION GRANTS PROGRAM, $2,802 |
| | "Investigating interface design solutions for field mobile robotics" |

| 2011–2016 | NSERC DISCOVERY GRANTS PROGRAM, $95,000 |
| | "Leveraging People's Everyday Skill Sets for Interaction With Robots" |

| 2011 | UNIVERSITY OF MANITOBA ENDOWMENT FUND, $8,471 |
| | physical prototyping tools (Phidgets) for undergraduate teaching |

| 2011-2012 | UNIVERSITY OF MANITOBA STARTUP GRANT, $50,000 |

PUBLICATIONS (selected)

JOURNAL PAPERS

[J.13] González, AL, Geiskkovitch, DY, Young, JE. (2023) "Say What you Want, I'm not Listening! A conversational social robot behavior design for self-reflection that does not parse user speech." Journal of Interactive Media Special Issue on Conversational Agents, 2023. In press.

[J.12] Young, JE (2021) Danger! This robot may be trying to manipulate you. Science Robotics. 6(58). (commentary, invited, 2 pages)

[J.11] Rea, DJ, Seo, SH, Young, JE (2020) Social Robotics for Nonsocial Teleoperation: Leveraging Social Techniques to Impact Teleoperator Performance and Experience. Current Robotics Reports. 1(1).

[J.10] Seo, SH, Young, JE, Irani, P. (2020) How are your Robot Friends Doing? A Design Exploration of Graphical Techniques Supporting Awareness of Robot Team Members in Teleoperation. International Journal of Social Robotics. Springer.

[J.9] Legato, MJ, Simon, F, Young, JE, Nomura, T, Sanchez-Serrano, I. (2020) Roundtable Discussion III. The Development and Uses of Artificial Intelligence in Medicine: A Work in Progress. Gender and the Genome. 4(1) (curated from panel discussion)

[J.8] Huang, Y, Liang, H, Yang, L, Young, JE, Smith, R. (2019) What was the Reaction in China? An Analysis of Microblog Reactions to Sophia the Robot being Granted Saudi Arabian Citizenship. Multimodal Technologies and Interaction, special issue on Creative Discovery in HRI: Technology and Techniques. MDPI.

[J.7] Seo, SH, Griffin, K, Young, JE, Bunt, A, Prentice, S, Loureiro-Rodríguez, V. (2018) Investigating people's rapport building and hindering behaviors when working with a collaborative robot. International Journal of Social Robotics. 10(1). Springer.

[J.6]   Young, JE. (2017) Graduate Course for Exposing Technologists to the Importance of Considering Social Aspects of Technology. ACM Transactions on Human-Robot Interaction. 6(2).

[J.5]   Geiskkkovitch, D, Cormier, D, Seo, SH, Young, JE. (2015) Please Continue, We Need More Data: An Exploration of Obedience to Robots. ACM Transactions on Human-Robot Interaction. 5(1).

[J.4]   Young, JE, Igarashi, T, Sharlin, E, Sakamoto, D, Allen, J. (2014) Design and Evaluation Techniques for Authoring Interactive and Stylistic Behaviors. ACM Transactions on intelligent and interactive Systems (TiiS) 3(4). ACM.

[J.3]   Young, JE, Sharlin, E, Igarashi, T. (2013) Teaching Robots Style: Designing and Evaluating Style-by-Demonstration for Interactive Robot Locomotion. HCI Journal 28(5):379–416.

[J.2]   Young, JE, Sung, JY, Voida, A, Sharlin, E, Igarashi, T, Christensen, HI, Grinter, RE. (2011) Evaluating Human-Robot Interaction: Focusing on the Holistic Interaction Experience. International Journal on Social Robotics 3(1):53–67 (2011). Springer.

[J.1]   Young, JE, Hawkins, R, Sharlin, E, Igarashi, T. (2009) Toward Acceptable Domestic Robots: Applying Insights from Social Psychology. Inaugural Issue of the International Journal on Social Robotics 1(1):95–108. Springer.

REFEREED CONFERENCE FULL PAPERS

[C.49]   Sanoubari, E, Munoz, J, Houston, A, Young, J, Dautenhahn, K (2022) "Designing an Anti-Bullying Serious Game: Insights from Interviews with Teachers." In Proceedings of the Joint Conference on Serious Games, 2022. Springer.

[C.48]   Berzuk, JM, Young, JE (2022) "More than words: A Framework for Describing Human-Robot Dialog Designs." In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction 2022, HRI '22. *24% acceptance rate, best paper award*

[C.47]   Sanoubari, E, Young, J, Houston, A, Dautenhahn, K (2021) "Can Robots Be Bullied? A Crowd-sourced Feasibility Study for Using Social Robots in Anti-Bullying Interventions." In Proceedings of the IEEE International Conference on Robot and Human Interactive Communication (Ro-Man). 2021. IEEE.

[C.46]   Seo, SH, Young, JE. "What happened while I was away? Leveraging visual transition techniques to convey robot states in multi-robot teleoperation" International Conference on Social Robotics 2021, ICSR '21. Springer

[C.45]   Sanoubari, E, Munoz, J, Mahdi, H, Young, J, Houston, A, Dautenhahn, K (2021) "Robots, Bullies and Stories: A Remote Co-design Study with Children." In Proceedings of the ACM International Conference on Interaction Design and Children (IDC), 2021. ACM.

[C.44]   Vattheuer, C, Baecker, AN, Geiskkovitch, DY, Seo, SH, Rea, DJ, Young, JE. (2020) "Blind Trust: how making a device humanoid reduces the impact of functional errors on trust." In Proceedings of the Springer International Conference on Social Robotics, 2020. Springer. *25% acceptance rate*

[C.43] Geiskkovitch, DY, Rea DJ, Seo, AY, Seo, SH, Postnikoff, B, Young, JE (2020) "Where Should I Sit? Exploring the Impact of Seating Arrangement in a Human-Robot Collaborative Task." In Proceedings of the ACM International Conference on Human-Agent Interaction, HAI '20. *38% acceptance rate*

[C.42] Mahadevan, K, Sanoubari, E, Somanath, S, Young, JE, Sharlin, E. (2019) "AV-Pedestrian Interaction Design Using a Pedestrian Mixed Traffic Simulator." In Proceedings of the ACM International Conference on Designing Interactive Systems 2019, DIS '19. *25% acceptance rate*

[C.41] Hammad, N, Sanoubari, E, Finn, P, Somanath, S, Young, JE, Sharlin, E. (2019) "Mutation: Leveraging Performance Arts Practices in Cyborg Transitioning." In Proceedings of the ACM Conference on Creativity and Cognition (C&C '19). *honorable mention award, 30% acceptance rate*

[C.40] Sanoubari, E, Seo, SH, Garcha, DS, Young, JE, Loureiro-Rodríguez, V. (2019) "Good Robot Design or Machiavellian? An in-the-wild robot leveraging minimal knowledge of passersby's culture". In Proceedings of alt.HRI track, ACM/IEEE International Conference on Human-Robot Interaction. 2019. *25% acceptance rate*

[C.39] Rea, DJ, Young, JE. (2019) "Backseat Teleoperator: affective feedback with on-screen agents to influence teleoperation" In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction (HRI '19). ACM/IEEE. 2019. *24% acceptance rate*

[C.38] Thiessen, R, Rea, DJ, Garcha, DS, Cheng, C, Young, JE. (2019). "Infrasound for HRI: A Robot Using Low-Frequency Vibrations to Impact How People Perceive its Actions." In Proceedings of the 14th ACM/IEEE International Conference of Human-Robot Interaction. *24% acceptance rate*

[C.37] Geiskkovitch, DY, Thiessen, R, Young, JE, Glenwright, MR. (2019). "What? That's not a chair!: How robot informational errors affect children's trust towards robots." In Proceedings of the 14th ACM/IEEE International Conference of Human-Robot Interaction. *24% acceptance rate*

[C.36] Sanoubari, E, Geiskkovitch, DY, Garcha, DS, Sabab, SA, Hong, K, Young, JE, Bunt, A, Irani, P. (2018) "Subliminal Priming in Human-Agent Interaction: Can Agents Use Single-Frame Visuals in Video Feeds to Shape User Perceptions?" , In Proceedings of the 6th ACM International Conference on Human-Agent Interaction (HAI '18). 2018. *43% acceptance rate*

[C.35] Sanoubari, E, Young, JE. (2018) "Hi human, can we talk? An in-the-wild study template for robots approaching unsuspecting participants" In Proceedings of the Workshop on the Social Robots in the Wild at the 13th Annual ACM/IEEE International Conference on Human-Robot Interaction. ACM. 2018.

[C.34] Rea, DJ, Young, JE. (2018) "It's All in Your Head: using priming to shape an operator's perceptions and behavior during teleoperation." In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '18. ACM. 2018. *23% acceptance rate*

[C.33] Rea, DJ, Rahmani, M, Bruce, N, Young, JE. (2017) "Tortoise and the Hare Robot: Slow and steady almost wins the race, but finishes more safely," IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN, 2017. Lisbon, Portugal.

[C.32] Seo, SH, Young JE, Irani, P. (2017) "Where are the robots? In-feed embedded techniques for visualizing robot team member locations," IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN, 2017. Lisbon, Portugal.

[C.31] Seo, SH, Rea, DJ, Wiebe, J, Young, JE. (2017). "Monocle: interactive detail in-context using two pan-and-tilt cameras to improve teleoperation effectiveness," IEEE International Symposium on Robot and Human Interactive Communication, RO-MAN, 2017. Lisbon, Portugal.

[C.30] Rea, DJ, Seo, S, Bruce, N, Young, JE. (2017) "Movers, Shakers, and Those Who Stand Still: Visual attention-grabbing techniques in robot tele-operation," in Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '17, Vienna, Austria. ACM. *24% acceptance rate*

[C.29] Rea, DJ, Geiskkovitch, D, Young, JE. (2017) "Wizard of Awwws: Exploring Psychological Impact on the Researchers in Social HRI Experiments," in Adjunct Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, alt.HRI '15, Vienna, Austria. ACM. *21% acceptance rate*

[C.28] Ramos, RC, Rea, DJ, Tran, AL, Young, JE, Sharlin, E, Costa Sousa, M. (2016) "Playing the 'Trust Game' with Robots: Social Strategies and Experiences," In Proceedings of the IEEE International Conference on Robot and Human Interactive Communication, RO-MAN '13 *47% acceptance rate*

[C.27] Wiebe, M, Geiskovitvch, D, Bunt, A, Young, JE, Glenwright, M. (2016) "Icons for kids: Can young kids understand graphical representations of App store categories?" In Proceedings of Graphics Interface, GI '16 *39% acceptance rate*

[C.26] Li, N, Rea, D, Young, JE, Sharlin, E, Costa Sousa, M. (2016) "And he built a crooked camera: a mobile visualization tool to view four-dimensional objects," In Proceedings of the SIGGRAPH Asia Symposium on Mobile Graphics and Interactive Applications '15. ACM.

[C.25] Rea, DJ, Wang, Y, Young, JE. (2015) "Check your Stereotypes at the Door: a Analysis of Gender Typecasts in Social Human-Robot Interaction," In Proceedings of the International Conference on Social Robotics, ICSR '15, Paris, France. pp. 554–563. Springer

[C.24] Seo, SH, Gu, J, Jeong, S, Griffin, K, Young, JE, Bunt, A, Prentice, S. (2015) "Women and Men Collaborating with Robots on Assembly Lines: Designing a Novel Evaluation Scenario for Collocated Human-Robot Teamwork," In Proceedings of the ACM International Conference on Human-Agent Interaction, HAI '15, Daegu, Korea, pp. 3–9. ACM.

[C.23] Banh, A, Rea, DJ, Young, JE, Sharlin, E. (2015) "Inspector Baxter: The Social Aspects of Integrating a Robot as a Quality Inspector in an Assembly Line," In Proceedings of the ACM International Conference on Human-Agent Interaction, HAI '15, Daegu, Korea, pp. 3–9. ACM.

[C.22] Seo, SH, Geiskkovitch, D, Nakane, M, King, C, Young, JE. (2015) "Poor Thing! Would You Feel Sorry for a Simulated Robot? A comparison of empathy toward a physical and a simulated robot," In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '15, Portland, Oregon, USA. pp. 125–132. ACM. *25% acceptance rate*

[C.21] Seo, SH, Takashima, K, Young, JE, Kitamura, Y. (2014) "Alerting Users by Animating Content on a Transforming Tabletop Interface," In Proceedings of Human Interface Symposium. 2014.

[C.20] Nakane, M, Young, JE, Bruce, NDB. (2014) "More Human than Human? A Visual Processing Approach to Exploring Believability of Android Faces." In Proceedings of the ACM International Conference on Human-Agent Interaction, HAI '14. Tsukuba, Japan. pp.377–381. ACM.

[C.19] Rea, DJ, Igarashi, T, Young, JE. (2014) "PaintBoard - Prototyping Interactive Character Behaviors by Digitally Painting Storyboards," In Proceedings of the ACM International Conference on Human-Agent Interaction, HAI '14. Tsukuba, Japan. pp. 315–322 ACM. *best paper award*

[C.18] Wang, Y, Young, JE. (2014). Beyond "Pink" and "Blue": Gendered Attitudes Towards Robots in Society. In Proceedings of the ACM Conference on Gender and IT Appropriation, GenderIT '14. 11 pages. ACM.

[C.17] Ens, B, Rea, DJ, Shpaner, R, Hemmati, H. (2014) "ChronoTwigger: A Visual Analytics Tool for Understanding Source and Test Co-Evolution." In Proceedings of the 2nd IEEE Working Conference on Software Visualization, VISSOFT 2014. Victoria, Canada. pp. 117-126. IEEE.

[C.16] Hashish, Y, Bunt, A, Young, JE. (2014) "Involving Children in Content Control: A Collaborative and Education-Oriented Content Filtering Approach." In Proceedings of the ACM Conference on Human Factors in Computing Systems, CHI 2014. Toronto, Canada. pp. 1797-1806. ACM. *23% acceptance rate*

[C.15] Cormier, D, Newman, G, Nakane, M, Young, JE, Durocher, S. (2013) "Would You Do as a Robot Commands? An Obedience Study for Human-Robot Interaction." In Proceedings of the International Conference on Human-Agent Interaction, iHAI'13. 8 pages. *honorable mention*

[C.14] Young, JE, Ishii, K, Igarashi, T, Sharlin, E. (2013) "User-Centered Programming by Demonstration: Stylistic Elements of Behavior." In Proceedings of the International Joint Conference on Artificial Intelligence, IJCAI '13. Beijing, China. pp. 3106–3110. IEEE.

[C.13] Singh, A, Young, JE. (2013) "A Dog Tail for Utility Robots: Exploring Affective Properties of Tail Movement." In Proceedings of the IFIP International Conference on Human-Computer Interaction, INTERACT'13. Cape Town, South Africa. pp. 403–419. IFIP.

[C.12] Singh, A, Seo, SH, Hashish, Y, Nakane, M, Young, JE, Bunt, A. (2013) "An Interface for Remote Robotic Manipulator Control That Reduces Task Load and Fatigue." In Proceedings of the IEEE International Conference on Robot and Human Interactive Communication, RO-MAN '13. Gyeongju, Korea. IEEE.

[C.11] Sharma, M, Hildebrandt, D, Newman, G, Young, JE, Eskicioglu R. (2013) "Communicating affect via flight path: exploring use of the Laban effort system for designing affective locomotion paths." In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '13. Tokyo, Japan. pp. 293–300. ACM. *best paper nomination, 23% acceptance rate*

[C.10] Allen, J, Young, JE, Sakamoto, D, Igarashi, T. (2012) "Style by Demonstration for Interactive robot Motion." In Proceedings of the ACM International Conference on Designing Interactive Systems 2012, DIS '12. Newcastle, UK. pp. 592–601. ACM. *20% acceptance rate*

[C.9]   Young, JE, Ishii, K, Igarashi, T, Sharlin, E. (2012) "Style by Demonstration: Teaching Interactive Movement Style to Robots." In Proceedings of the ACM International Conference on Intelligent User Interfaces, IUI '12. Lisbon, Portugal. pp. 41–50. ACM. *13% acceptance rate, best paper award*

[C.8]   Harris, J, Young, JE, Lapides, P, Sultanum, N, Sharlin, E, Costa-Sousa, M. (2011) "Designing Snakey: A Tangible User Interface Supporting Well Path Planning." In Proceedings of the International Conference on Human-Computer Interaction, 2011, INTERACT '11. Lisbon, Portugal. pp. 45–53. Springer. *25% acceptance rate*

[C.7] Young, JE, Reichenback, J, Kamiyama, Y, Igarashi, T, Sharlin, E. (2011) "How to Walk a Robot: A Dog-Leash Human-Robot Interface." In Proceedings of the IEEE International Symposium on Robot and Human Interactive Communication, 2011, RO-MAN '11. Atlanta, US. pp. 376–382. IEEE.

[C.6] Marquardt, N, Nacenta, MA, Young, JE, Carpendale, S, Greenberg, S, Sharlin, E. (2009). "The haptic tabletop puck: providing haptic feedback for interactive tabletops." In Proceedings of the ACM International Conference on Tabletops and Interactive Surfaces, Tabletop '09. Banff, Canada. pp. 85–92. ACM.

[C.5] Guo, C, Young, JE, Sharlin, E. (2009). "Touch and Toys: new techniques for interaction with a remote group of robots." In Proceedings of the ACM Conference on Human Factors in Computing Systems, 2009, CHI '09. Boston, US. pp. 491–500, 2009. ACM. *23% acceptance rate*

[C.4] Young, JE, Igarashi, T, Sharlin, E. (2008) "Puppet Master: Designing Reactive Character Behavior by Demonstration." In Proceedings of the ACM SIGGRAPH / Eurographics Symposium on Computer Animation, SCA '08. Dublin, Ireland. pp. 183–191. ACM / Eurographics.

[C.3] Young, JE, Xin, M, Sharlin, E. (2007) "Robot Expressionism Through Cartooning." In Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '07. Washington DC, USA. pp. 309–316, 2007. ACM.

[C.2] Young, JE, Sharlin, E, Boyd, JE. (2006) "Implementing Bubblegrams: The Use of Haar-like Features for Human-Robot Interaction." In Proceedings of the IEEE Conference on Automation Science and Engineering, CASE '06. Shanghai, China. pp. 308–313. IEEE.

[C.1] Young, JE, Sharlin, E. (2006) "Sharing Spaces with Robots: an Integrated Environment for Human-Robot Interaction." In Proceedings of the Microsoft International Symposium on Intelligent Environments, ISIE '06. Cambridge, UK. pp. 103–110. Microsoft Press.

REFEREED CONFERENCE SHORT-PAPERS AND EXTENDED ABSTRACTS

[CO.37] Passler Bates, D, Young, JE. (2023) "SnuggleBot: A Simple Cuddly Companion Robot Prototype". 2nd International Workshop on Designerly HRI Knowledge. Reflecting on HRI practices through Annotated Portfolios of Robot Artefacts. In conjunction with the ACM/IEEE International Conference on Human-Robot Interaction, 2022.

[CO.36] Thiessen, R, Dabiri, M, Geiskkovitch, DY, Ripat, J, Young, JE. (2023). "Social Robots to Encourage Play for Children with Disabilities: Learning Perceived Requirements and Barriers from Family Units." In Companion of the 2023 ACM/IEEE International Conference on Human-Robot Interaction (HRI '23), March 13-16, 2023, Stockholm, Sweden. ACM, New York, NY, USA, 4 pages.

[CO.35] Berzuk, JM, Young, JE. (2023) "Clarifying Social Robot Expectation Discrepancy Developing a Framework for Understanding How Users Form Expectations of Social Robots." In Companion of the 2023 ACM/IEEE International Conference on Human-Robot Interaction (HRI '23), March 13-16, 2023, Stockholm, Sweden. ACM, New York, NY, USA, 4 pages

[CO.34] Dudek, SY, Young JE. (2022) "Fluid Sex Robots: Looking to the 2LGBTQIA+ Community to Shape the Future of Sex Robots." In adjunct Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, Late-Breaking Reprots, HRI '22. ACM.

[CO.33] Chowdhury N, Latulipe C, Young JE. (2021) "Listening Together while Apart: Intergenerational Music Listening" In Companion Proceedings of the ACM Conference on Computer-Supported Cooperative Work, CSCW '21, poster Track. 4 pages. ACM.

[CO.32] Ananto, RA, Young, JE (2021). We Can Do Better! An Initial Survey Highlighting an Opportunity for More HRI Work on Loneliness. In adjunct Proceedigns of the ACM/IEEE International Conference on Human-Robot Interaction, Late-Breaking Reprots, HRI '21. ACM.

[CO.31] Gonzalez, AL, Geiskkovitch, DY, Young, JE (2020). When Can I Get a Robot for my Home?: A Constrained Design Approach to Feasible, Deployable Companion Robots. In RO-MAN Workshop on Social Human-Robot Interaction of Human-Care Service Robots. 2020.

[CO.30] Ananto, RA, Young, JE (2020). Robot Pets for Everyone: The Untapped Potential for Domestic Social Robots. In RO-MAN Workshop on Social Human-Robot Interaction of Human-Care Service Robots. 2020.

[CO.29] Gonzalez, AL, Young, JE (2020). Please Tell Me About It: Self-Reflection Conversational Robots to Help with Loneliness. In Proceedings of the 8th International Conference on Human-Agent Interaction (HAI). 2020.

[CO.28] Passler Bates, D, Young, JE (2020)ng, JE (2020). SnuggleBot: A Novel Cuddly Companion Robot Design. In Proceedings of the 8th International Conference on Human-Agent Interaction (HAI). 2020.

[CO.27] Ananto, Rahatul A, Geiskkovitch, DY, Young, JE, Domestic Robots for Individuals Living with Loneliness: A Long-Term In-Home Interaction Study Design. In Proceedings of the 8th International Conference on Human-Agent Interaction (HAI). 2020.

[CO.26] Baecker, A, Geiskkovitch, D, Gonzalez, AL, Young, JE. "Emotional Support Domestic Robots for Healthy Older Adults: Conversational Prototypes to Help With Loneliness". In adjunct Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, Late Breaking Reports HRI '20. ACM.

[CO.25] Schramm, L, Dufault, D, Young, JE. "Warning: This Robot is Not What it Seems! Exploring Expectation Discrepancy Resulting from Robot Design." In adjunct Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, Late Breaking Reports (poster session), HRI '20. ACM. 2020.

[CO.24] Geiskkovitch, DY, Young, JE. "Social Robots Don't Do That: Exploring Robot-Typical Errors in Child-Robot Interaction."In adjunct Proceedings of the ACM/IEEE International Conference on Human-Robot Interaction, Late Breaking Reports (poster session), HRI '20. ACM. 2020.

[CO.23] Rea, DJ, Young, JE. (2019) "Methods and Effects of Priming a Teloperator's Perception of Robot Capabilities." The ACM International Human-Robot Interaction Pioneers Workshop. ACM. 2019. *31% acceptance rate*

[CO.22] Sanoubari, E, Young, JE. (2018) "Explicit, Neutral, or Implicit: a cross-cultural exploration of communication-style preferences in human robot interaction." In adjunct Proceedings of the 13th Annual ACM/IEEE International Conference on Human-Robot Interaction . ACM. 2018.

[CO.21] Dubois, P, Rea, DJ, Hoang, K, Chua, M, King, D, King, C, Young, JE, Bunt, A. (2018) "Conveyer: A Dual-Task Paradigm for Studying VR Dialogue Interfaces." In GI '18 Poster Section Proceedings of Graphics Interface 2018. Toronto, Ontario. 2 pages

[CO.20] Geiskkovitch, D, Bunt, A, Young, JE. (2018) "Mental Health in Online Communities: How University Students Use Online Communities to Discuss Mental Illness." In GI '18 Poster Section Proceedings of Graphics Interface 2018. Toronto, Ontario. 2 pages

[CO.19] Sanoubari, E, Young, JE. (2018) "Explicit, Neutral, or Implicit: a cross-cultural exploration of communication-style preferences in human robot interaction." In Adjunct Proceedings (Posters, Demos) of the ACM International Conference on Human-Robot Interaction, HRI '18. Chicago, US. 2 pages. ACM.

[CO.18] Seo, SH, Young, JE. (2017) "Picassnake: Robot Performance Art." In Adjunct Proceedings (Posters, Demos) of the ACM International Conference on Human-Robot Interaction, HRI '17. Vienna, Austria. 2 pages. ACM.

[CO.17] Wentzel, J, Rea, DJ, Young, JE. (2015) "Shared Presence and Collaboration Using a Co-Located Humanoid Robot." In Adjunct Proceedings (Posters) of the ACM International Conference on Human-Agent Interaction, HAI '15. Daegu, Korea. 2 pages. ACM.

[CO.16] Nagy, G, Young, JE, Anderson, J. (2015) "Are Tangibles Really Better?: Keyboard and Joystick Outperform TUIs for Remote Robotic Locomotion Control." In Adjunct Proceedings (Late-Breaking Reports) of the ACM International Conference on Human-Robot Interaction, HRI '15. Portland, OR. 2 pages. ACM.

[CO.15] Geiskkovitch, D, Seo, SH, Young, JE. (2015). "Autonomy, Embodiment, and Obedience to Robots," Pioneer's Workshop (Poster Section) in Proceedings of the ACM/IEEE International conference on Human-Robot Interaction, HRI '15. Portland, Oregon. pp. 235–236. ACM.

[CO.14] Young, JE, Shahin, I, Nakane, M. (2013) "Ouch! How Embodied Damage Indicators in First-Person Shooting Games Impact Gaming Experience." In Adjunct Proceedings (poster) of Advances in Computer Entertainment, ACE '13. Twente, Netherlands. pp. 660–664. Springer.

[CO.13] Singh, A, Young, JE. (2013) "Animal-Inspired Peripheral Interaction: Evaluating a Dog-Tail Interface for Communicating Robotic States." In Proceedings of the Workshop on Peripheral Interaction: Embedding HCI in Everyday Life, at the IFIP International Conference on Human-Computer Interaction, INTERACT'13. Cape Town, South Africa. pp. 33–38. Springer.

[CO.12] Seo, SH, Young, JE, Bunt, A. (2013) "Exploring the Role of Affect Recognition in Web-Capable Applications." GI '13 Poster Section Proceedings of Graphics Interface 2013. Regina, Saskatchewan. 2 pages.

[CO.11] Singh, A, Young, JE. (2013) "A dog tail for communicating robotic states." In adjunct proceedings (video abstracts) of the ACM/IEEE International Conference on Human-Robot interaction, HRI '13. Tokyo, Japan. 2 pages. ACM. *Best Video Award 2nd Prize*.

[CO.10] Rea, DJ, Young, JE, Irani, P. (2012) "The Roomba Mood Ring: An Ambient-Display Robot." In adjunct proceedings (Late-Breaking Reports) of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '12. Boston, USA. 2 Pages. ACM.

[CO.9] Sharma, M, Young, JE, Eskicioglu, R. (2012) "Developing Guidelines for In-The-Field Control of a Team of Robots." In adjunct proceedings (Late-Breaking Reports) of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '12. Boston, USA. 2 pages. ACM.

[CO.8] Singh, A, Young, JE. (2012) "Animal Inspired Human-Robot Interaction: A Robotic Tail for Communicating State." In adjunct proceedings (Late-Breaking Reports) of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '12. Boston, USA. 2 pages. ACM.

[CO.7] Young, JE, Ishii, K, Igarashi, T, Sharlin, E. (2010) "Style-by-Demonstration: Using Broomsticks and Tangibles to Show Robots How to Follow People." In adjunct proceedings (Late-Breaking Reports) of the ACM/IEEE International Conference on Human-Robot Interaction, HRI '10. Osaka, Japan. 2 pages. ACM.

[CO.6] Young, JE, Sakamoto, S, Igarashi, T, Sharlin, E. (2009) "Puppet Master: A technique for defining the actions of interactive agents by demonstration." Human-Agent Interaction (HAI) Symposium 2009. Tokyo, Japan. 4 pages. (in Japanese)

[CO.5] Marquardt, N, Sharlin, E, Greenberg, S. (2009) "Situated Messages for Asynchronous Human-Robot Interaction." In adjunct proceedings of the ACM/IEEE International Conference on Human-Robot Interaction (Late-Breaking Abstracts), HRI '09. San Diego, California. 2 pages. ACM.

[CO.4] Young, JE, Sharlin, E, Igarashi, T. (2008) "The Concept of a Robot." In Proceedings of the HRI Pioneers Workshop, 2008. Conducted at HRI '08, Amsterdam, The Netherlands. 2 pages. ACM.

[CO.3] Young, JE, McEwan, G, Greenberg, S, Sharlin, E. (2007) "Moving a Media Space into the Real World through Group–Robot Interaction." In video session and in adjunct proceedings of the International Conference on Pervasive Computing, Pervasive '07. Toronto, Canada. 4 pages. IEEE.

[CO.2] Young, JE, Young, N, Greenberg, S, Sharlin, E. (2007) "Feline Fun Park: A Distributed Tangible Interface for Pets and Owners." In video session and in adjunct proceedings of the International Conference on Pervasive Computing, Pervasive '07. Toronto, Canada. 4 pages. IEEE.

[CO.1] Young, JE, McEwan, G, Greenberg, S, Sharlin, E. (2006) "AIBO Surrogate – A Group-Robot Interface." Demonstration at ACM Computer Supported Cooperative Work, ACM CSCW '06. Banff, Canada, 2 pages. ACM.

MAGAZINES AND PERIODICALS

[O.3] Young, JE. (2015) "How to Manage Robots and People Working Together" The Wall Street Journal, Journal Reports: Leadership. June 2, 2015. [http://www.wsj.com/articles/how-to-manage-robots-and-people-working-together-1433301051]

[O.2] Seo, SH, Geiskkovitch D, Nakane, M, King, C, Young, JE. (2015) "Would you feel sorry for a simulated robot? Study shows people empathize more with the real thing." Robohub, March 27 2015. [http://robohub.org/would-you-feel-sorry-for-a-simulated-robot-study-shows-people-empathize-more-with-the-real-thing/]

[O.1] Young, JE, Cormier, D. (2014) "Can Robots be Managers, Too?." Harvard Business Review. April 2, 2014. [http://blogs.hbr.org/2014/04/can-robots-be-managers-too/].

BOOK CHAPTERS AND REPORTS

[B.3] Malle, BF, Fischer, K, Young, JE, Moon, A, Colline, EC. "Trust and the Discrepancy between Expectations and Actual Capabilities of Social Robots." In D. Zhang and B. Wei (eds.), Human-robot interaction: Control, analysis, and design. New York, NY: Cambridge Scholars Publishing. In press (2020)

[B.2] Collins E, Fischer K, Malle B, Moon A, Young J. (2019). "The Broader Context of Trust in HRI: Discrepancy between Expectations and Capabilities of Autonomous Machines." Dagstuhl Reports. 9(4): 82-85.

[B.1] Young, JE, Sharlin, E, Igarashi, T. "What is Mixed Reality, anyway? Considering the boundaries of mixed reality in the context of robots." Mixed Reality and Human-Robot Interaction, Springer. 2011.

INVITED RESEARCH KEYNOTES, PANELS

[KP.5] "Using Robots to create Supportive Social Experiences," Invited Panelst at arttech: Performance and Embodiment in Technology for Resilience and Mental Health Workshop, CSCW, Oct 2021

[KP.4] "Roundtable Discussion on Artificial Intelligence: Gender and the Genome," The foundation for Gender-Specific Medicine, New York, 2019. Panelist.

[KP.3] "Aging & Robots: Research in Human-Robot Interaction," Aging 2.0, Aging & Technology Networking Event, Manitoba, 2019.

[KP.2] "Why is gender relevant in robotics?," Bias-sensitizing robot behaviors workshop (IEEE International Conference on Robotics and Automation, ICRA), 2019.

[KP.1] "Trust in Human-Robot Interaction," Schloss Dagstuhl Seminar, Ethics and Trust: Principles, Verification and Validation, 2019.

INVITED RESEARCH TALKS AND SEMINARS

[IS.25] "Warning, This robot is not what it seems! A discussion on deception and the future of social robots," Interaction Lab, Department of Computer Science, University of Calgary, Sept 2021

[IS.24] "Introduction to Human-Robot Interactions," Guest Lecture Collaborative Design and Research, Ontario Tech U, March 2021

[IS.23] "Social Robots for Kids: Potential Applications and Opportunities," Breakfast at Specialized Services for Children and Youth, Feb 2021

[IS.22] "Introduction to Human-Robot Interaction," Guest Lecture Collaborative Design and Research, Ontario Tech U, March 2020

[IS.21] "Designing Human-Robot Experiences," Department of Computer Science, Hokkaido University, Japan, 2019.

[IS.20] "Designing User Robot Experiences," Department of Computer Science, University of Calgary, 2018.

[IS.19] "Human-Robot Interaction: Looking Beyond the Technical Challenges," Department of English, Film, and Theatre, UofM, 2015.

[IS.18] "Research Dialog on the Impact of Environmental Cues on Human Cognition, Emotion, and Behaviors," Invited Panel, Asper School of Business, 2014.

[IS.17] "Human-Robot Interaction," University of Tokyo, Aug 2014.

[IS.16] "Human-Robot Interaction: Looking Beyond the Technical Challenges," Tohoku University, Aug 2013.

[IS.15] "Human-Robot Interaction: Looking Beyond the Technical Challenges," University of Tokyo, Aug 2013.

[IS.14] "Human-Robot Interaction: Looking Beyond the Technical Challenges," Vancouver Island University, Department of Computer Science, Jul 2013.

[IS.13] "Human-Robot Interaction: Looking Beyond the Technical Challenges," Brain and Cognitive Group, Department of Psychology, University of Manitoba. Mar 2013.

[IS.12] "Human-Robot Interaction," Graduate Association of Students in Psychology, University of Manitoba, Winnipeg. Nov 2012.

[IS.11] "Robots and Emotion: Science Fiction or Real Hype?" Skepticamp, The Winnipeg Skeptics Society, Winnipeg. Sept 2012.

[IS.10] "Leveraging People's Everyday Skill Sets for Interaction with Robots," HCI Research Lab, St Andrews University, UK. June 2012.

[IS.9] "Human-Robot Interaction," SkullSpace / HackerSpace Winnipeg, Winnipeg. Mar 2012.

[IS.8] "Human-Robot Interaction," IEEE Winter School of Robotics, Winnipeg. Feb 2012.

[IS.7] "Puppet Master, and Emerging Research Questions in Social Human Robot Interaction," University of Manitoba, Departmental Seminar, Department of Computer Science. July 2010.

[IS.6] "Sociable Robotics," Tokyo Denki University, OSOITE Lab, School of Science and Technology for Future Life. May 25, 2008. *Presentation in Japanese.*

[IS.5] "Demonstrating Interactive Characters," Japan Society for the Promotion of Science, Canadian Representative at JSPS Summary Ceremonies. August 21, 2007.

[IS.4] "Demonstrating Interactive Characters," Osaka University, Human Interface Engineering Lab, Department of Multimedia Engineering. August 17, 2007.

[IS.3] "Sociable Human-Robot Interaction," Vancouver Island University, Departmental Seminar, Department of Computing Science. February 17, 2007.

[IS.2] "Robot Expression through Cartooning," Osaka University, Human Interface Engineering Lab, Department of Multimedia Engineering. October 14, 2006.

[IS.1] "Robot Expression through Cartooning," University of Tokyo, User Interface Research Group, Igarashi Laboratory, Department of Computer Science. October 13, 2006.

POPULAR PRESS COVERAGE

[Pr.27] Danton Unger. "I've never seen anything like that: Robot server a huge hit at Winnipeg restaurant." CTV Winnipeg News, text interview. March 21, 2022. [https://winnipeg.ctvnews.ca/i-ve-never-seen-anything-like-that-robot-server-a-huge-hit-at-winnipeg-restaurant-1.5842177]

[Pr.26] Faith Funal. "Wanted...Teenagers Willing to Listen to Music with their Grandparents." CBC Radio, live segment (student: Chowdhury). Oct 2, 2021 [https://www.cbc.ca/listen/live-radio/1-111-up-to-speed/clip/15870695-wanted...teenagers-willing-listen-music-grandparent-name-science]

[Pr.25] Anais Amoros. "Project-Pilote: un chien robot pour lutter contre la solitude" Quartier L!bre. May 26, 2021 [https://quartierlibre.ca/projet-pilote-un-chien-robot-pour-lutter-contre-la-solitude/?fbclid=IwAR3xCZaaF-OhBnfc8pXn-fVCoerwfFF7qW6unDIpXWpgWAo69uPXJc3hbTs]

[Pr.24] Thibault Jourdan. "Ce petit chien robot peut-il vous remonter le moral?" CBC. May 21, 2021 [https://ici.radio-canada.ca/nouvelle/1795227/aibo-robot-chien-chat-animaux-rahatul-ananto-universite-manitoba]

[Pr.23] Malak Abas. "Paws-itive roommate experience?" Winnipeg Free Press. May 19, 2021. [https://www.winnipegfreepress.com/local/welcome-robotic-roommate-574456442.html]

[Pr.22] Maralee Caruso. CTV NEWS Winnipeg live interview (HQP Ananto). March 20, 2021. [https://winnipeg.ctvnews.ca/video?clipId=2206774]

[Pr.21] Corey Callaghan. Global TV Live segment re: SnuggleBot (HQP: Passler-Bates). Jan 27, 2021.

[Pr.20] Evan Ackerman. "Snugglebot Is What We All Need Right Now" IEEE Spectrum Magazine (Video Fridays, 6 Nov 2020) [https://spectrum.ieee.org/automaton/robotics/robotics-hardware/video-friday-snugglebot?utm_source=dlvr.it&utm_medium=twitter]

[Pr.19] Matthew Hague, "Can domestic robots end the gender imbalance in housework?" Globe and Mail, October 27 2019, [https://www.theglobeandmail.com/life/home-and-design/article-can-domestic-robots-end-the-gender-imbalance-in-housework/]

[Pr.18] Megan Wollerton, "Loving a robot dog is about so much more than not cleaning up poop," C-NET, 2019. [https://www.cnet.com/features/loving-a-robot-dog-is-about-so-much-more-than-not-cleaning-up-poop/]

[Pr.17] Matt Obrien, "Robots are getting more social. Are humans ready?," Associated Press, 2018. Syndicated heavily [https://www.apnews.com/abf8fce4539d405c831a25a46b13a40d]

[Pr.16] Kaye Wiggins, "Wanted: Workers willing to defy their bosses," Financial Times, Feb 2017. [https://www.ft.com/content/72f9120c-d693-11e6-944b-e7eb37a6aa8e]

[Pr.15] Nadja Sayej, "Vincent van Bot: the robots turning their hand to art," The Guardian, Apr 2016. [https://www.theguardian.com/artanddesign/2016/apr/19/robot-art-competition-e-david-cloudpainter-bitpaintr]

[Pr.14] Colleen M. Sullivan. "Can't Humans and Robots Just Get Along?," Monkey Paw Robot Arm, June 18, 2015. [http://monkeypawrobotarm.com/2015/06/18/cant-humans-and-robots-just-get-along-an-interview-with-prof-james-e-young/]

[Pr.13] Dan Restione. "We need a robot that can work with social cues," MYNorthwest.com news, June 8, 2015. [http://mynorthwest.com/11/2771093/We-need-a-robot-that-can-work-with-social-cues]

[Pr.12] Dave Ross. "How to live and work with robots," CBS KIRO Seattle Morning Radio, June 8, 2015. [http://kiroradio.com/listen/9988200/]

[Pr.11] Walter Frick. "When Your Boss Wears Metal Pants," Harvard Business Review, June 2015. [https://hbr.org/2015/06/when-your-boss-wears-metal-pants]

[Pr.10] Jill Macyshon. "Would you take orders from a robot? Study says, affirmative," CTV News, Science and Technology, March 23, 2014. [http://www.ctvnews.ca/sci-tech/would-you-take-orders-from-a-robot-study-says-affirmative-1.1742723]

[Pr.9] Evan Ackerman. "Study Suggests that You Will Obey Your Future Robot Boss," IEEE Spectrum Magazine, Mar 2014. Syndicated 5to Phys.org and approx. 30 others.

[Pr.8] Marcy Markusa. Information Radio Interview re: robot obedience, September 5th, 2013.

[Pr.7] Mike Szczys. "How Do You Think This Quadcopter Feels?," Hack-a-Day post [http://hackaday.com/2013/07/11/how-do-you-think-this-quadcopter-feels/], July 11, 2013.

[Pr.6] Janina Stajic. "Designing Human Friendly Robots of the Future," Journey Magazine: Vancouver Island University Alumni Association, Fall 2011.

[Pr.5] Mike Szczys. "Programming robots like you would train a pet," Hack-a-Day post [hackaday.com/2011/06/04/programming-robots-like-you-would-train-a-pet], Jun 4 2011.

[Pr.4] John Bolton. "Cornwall Today," (live interview regarding social robotics), Corus Radio (CJUL), Cornwall, Ontario, November 26, 2007.

[Pr.3] Shannon Montgomery. "Researchers try to make robots approachable, not creepy" The Canadian Press (CBC Technology News), November 14th, 2007.

[Pr.2] Mark Medley. "In future, everything will be a computer," National Post, May 19, 2007.

[Pr.1] Celeste Biever. "Another uncanny valley," New Scientist Technology Blog, March 26, 2007.

ACADEMIC SERVICE

STEERING COMMITTEE CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, 2022–2024.

STEERING COMMITTEE
ACM/IEEE International Conference on Human-Robot Interaction, 2015–2021.
ACM International Conference on Human-Agent Interaction, 2013–2022.

MANAGING EDITOR
ACM Transactions on Human-Robot Interaction, 2019–present.

SENIOR ASSOCIATE EDITOR
ACM Transactions on Human-Robot Interaction, 2017–2019.

ASSOCIATE EDITOR
Human-Robot Interaction, Frontiers in Robotics and AI, 2018–present.

GENERAL CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2020.

PROGRAM CO-CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2017.
ACM International Conference on Human-Agent Interaction, HAI 2015.
ACM International Conference on Human-Agent Interaction, HAI 2014.

PROGRAM COMMITTEE SUB-COMMITTEE CHAIR
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2018.
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2022.

SENIOR PROGRAM COMMITTEE
International Conference on Autonomous Agents and Multiagent Systems, 2019.

PROGRAM COMMITTEE
Human-Robot Interaction Pioneers Workshop, HRI Pioneers 2020.
Augmented Human Conference, AH 2020.
ACM/IEEE International Conference on Human-Robot Interaction, HRI 2015,2016.
Robotics: Science and Systems 2017.
Graphics Interface, GI 2014-2015,2017,2020,2021.
Canadian Conference on Computer and Robot Vision, CRV 2009,2012–2013,2017.
IEEE Symposium on Robot and Human Interactive Communication, RO-MAN 2015,2016.
International Conference on Social Robotics, ICSR 2015.
International Conference on Advances in Computer Entertainment, ACE 2012–2014.
Human-Agent Interaction, HAI 2013.

Interact 2012–2013.

AAAI Symposium on Robot Learning Interactivity from Human Teachers 2013.

ALT.HRI PROGRAM CO-CHAIR

ACM/IEEE International Conference on Human-Robot Interaction, 2016, and 2019.

WORKSHOP ORGANIZATION

"Robots for Social Good: Exploring Critical Design for HRI" At ACM/IEEE International Conference on Human-Robot Interaction, 2018. (co-organizer).

DEMONSTRATION CO-CHAIR

ACM/IEEE International Conference on Human-Robot Interaction, 2015.

WEB CHAIR

ACM Interactive Tables and Surfaces, ITS 2013.

ACM International Symposium on User Interface Software and Technology, UIST 2013.

ADVISORY COMMITTEE

International Conference on Human-Agent Interaction, HAI 2013.

GRANT REVIEW

ISF Isralie Science Foundation Grant, 2022

NSERC Discovery Grants Program, 2015, 2017, 2018, 2022.

Swiss National Science Foundation, 2019.

Canadian Foundation for Innovation Leaders Opportunity Fund 2012, 2019.

NSERC Strategic Partnership Grants, 2018.

MITACS Accelerate, 2018.

NSERC Collaborative Research and Development, 2015.

The City University of New York, Collaborative Incentive Research Grant Program 2015.

NSERC Industrial Partnership Grants (Automotive Partnerships Canada) Review and 3-day Site Visit 2014.

Veni Grant (Netherlands Organization for Scientific Research) 2013.

Expert Grant Committee (Canadian Foundation for Innovation) 2013.

Collaborative Health Research Projects (CIHR) 2012.

EXTERNAL ON HIRING COMMITTEE

University of Southern Denmark, Professor in Language and Technology Interaction. 2021-2022.

Uppsala University, Assistant Professor in Trustworthy Human-Robot Interaction. 2021.

INSTITUTIONAL REVIEW

Undergraduate Program Review Committee Member, Vancouver Island University, Department of Computer Science 2015.

PAPER REVIEW – I regularly review for the following venues:

JOURNALS

AI Magazine Journal

ACM Transactions on Human-Robot Interaction
ACM Transactions on Intelligent Interactive Systems
ACM Transactions on Computer-Human Interaction
Autonomous Robot (AURO)
Cognitive Science
Computers in Human Behavior
Frontiers in Psychology, Cognitive Science
IEEE Computer Graphics and Applications Journal
IEEE Transactions on Robotics
Interaction Studies
International Journal of Advanced Robotic Systems
International Journal of Human-Computer Studies, IJHCS
International Journal of Social Robotics
International Journal of Computer Games Technology
Journal of Human Computer Interaction
Journal of Organizational Behavior
MDPI Social Sciences
Springer Autonomous Robots

CONFERENCES
ACM Computer Supported Cooperative Work, CSCW
ACM Designing Interactive Systems, DIS
ACM Human-Agent Interaction, HAI
ACM Human Factors in Computing Systems, ACM CHI
ACM Intelligent User Interfaces, ACM IUI
ACM Interactive Tabletops and Surfaces, ITS
ACM Multimodal Interfaces, ICMI
ACM Pioneers Workshop, Human-Robot Interaction,
ACM Spatial User Interfaces, SUI
ACM Tangible and Embedded Interaction, TEI
ACM Ubiquitous Computing, UBICOMP
ACM User Interface Software and Technology, UIST
ACM/IEEE Human-Robot Interaction, HRI
Advances in Computer Entertainment Technology, ACE
CMCCC Graphics Interface, GI
Computer and Robot Vision, CRV
IEEE Scientific Visualization, SciVis,
IEEE Three-Dimensional User Interfaces, 3DUI
IEEE Robot and Human Interactive Communication, RO-MAN
IEEE Robotics and Automation, ICRA
INTERACT
Robophilosophy Conference

NATIONAL AND INSTITUTIONAL SERVICE

NATIONAL

09/2019–02/2022   NSERC Discovery Grant Evaluation Group 1507 Committee member.

INSTITUTIONAL

01/2021–	Senate Committee for Admission Appeals
07/2019	Centre on Aging Award Adjudication Committee
06/2018–12/2018	Search Committee, Rehabilitation Science
06/2013–05/2019	Senate Committee on Academic Computing
03/2013–02/2016	University Internal Grants Committee (Science)

FACULTY OF SCIENCE

09/2017, 09/2019	
09/2020, 09/2021	Internal Discovery Grant Review Committee
08/2019–04/2021	Promotion Nucleus Committee
09/2017–04/2019	Endowment Fund Committee
07/2018–06/2020	Science, Program, Undergraduate Department Committee (SPUDS)
07/2018–06/2020	Faculty of Science Committee on Courses and Programs (COCAP)
05/2017–01/2019	Neuroscience Working Group
09/2019	Small Research Equipment Fund Review Panel
05/2017–12/2018	Internal Award Review Committee
01/2015–06/2019	Web/Communications Working Group
09/2017–09/2017	Tenure Committee (Computer Science)
12/2015–06/2015	Seminar Committee
09/2014–12/2014	Promotion Committee (Computer Science)

DEPARTMENT

01/2021–4/2021	Graduate Studies Committee
07/2018–06/2020	Curriculum Committee (chair)
09/2019–01/2020	Search Committee
09/2011–06/2019	Departmental Website Coordinator
09/2011–09/2017	Graduate Studies Committee
06/2014–05/2016	Seminar Coordinator
09/2011–09/2014	Recruitment and Outreach Committee
09/2012-12/2012	Hiring Committee for Internal Retention Chair
07/2011–12/2011	Industrial Liason Committee
09/2011	CFI Evaluator for Equipment Purchase

STUDENT SUPERVISION

GRADUATE

09/2022–	James Berzuk (MSc) – "Mapping out Expectation Discrepancy for Social Robots"
09/2021–	Danika Passler-Bates (MSc) – "Investigating Snugglebot for Loneliness Support"
09/2021–	Raquel Thiessen (MSc) – "Exploring Robots for Facilitating Beneficial Play in Children Living with Disabilities"
09/2020–06/2022	Nabila Chowdhury (MSc) – "Music co-listening over video chat to support intergenerational connectedness." Co-supervised with Dr. Celine Latulipe, Computer Science
09/2019–01/2022	Lorena Gonzalez (MSc) – "Emotional Support Humanoid Robot for People Living with Depression"
09/2019–02/2022	Rahatul Ananto (MSc) – "Robotic Dogs for Emotional Support"
01/2019–04/2022	Elaheh Sanoubari (PhD) – Title to be determined. Co-supervised with Dr. Kerstin Dautenhahn, Waterloo.
09/2016–10/2021	Denise Geiskkovitch (PhD) – "Developing a Child-Centric Conversation Model for Human-Robot Interaction." Co-supervised with Dr. Glenwright, Psychology
09/2015–04/2021	Stela Seo (PhD) – "Personal Immersive VR for Remotely Controlling Teams of Robots"
09/2015–01/2020	Daniel Rea (PhD) – "Applying Video Game Interaction Principles to Controlling Robots"
05/2018–01/2019	Amrit Panesar (MSc coursework) – "Robotic Crawler SLAM Interface"
09/2017–04/2018	Cheng Cheng (MSc coursework) – "Impact of Infrasound on Human-Robot Interaction"
01/2017–12/2018	Elaheh Sanoubari (MSc) – "Robots with Taarof - investigating the importance of robots following social norms."
09/2012–01/2015	Stela Seo (MSc) – "Investigating the Effects of Robot Embodiment on Situational Empathy"
09/2012–01/2015	Daniel Rea (Msc) – "Authoring Believable Interactive Character Behaviors by Performance Demonstration"
01/2015–04/2015	Ahmed Zunaid (MSc coursework) – "Robotic Personality in a Workplace Scenario"
05/2012–10/2014	Yan Wang (MSc) – "How Men and Women View Robots: An Exploration of Attitudes Toward Robot Development and Design"
01/2012–03/2014	Yasmeen Hashish (MSc) – "Involving Children in Content Control: A Collaborative and Education-Oriented Content Filtering Approach." Co-supervised with Dr. Bunt
09/2011–08/2013	Megha Sharma (MSc) – "Adapting the Laban Effort System to Design Affect-Communicating Locomotion Paths for a Flying Robot." Co- supervised with Dr. Eskicioglu
07/2011–02/2014	Ashish Singh (MSc) – "A Dog-Tail Interface for Human-Robot Interaction"

UNDERGRADUATE

09/2022–	Skyla Dudek – "Looking to the 2LGBTQIA+ Community to Shape the Future of Sex Robots"
09/2021–12/2021	Ceilidh Simon – "Unpacking Expectation Discrepancy"

05/2021–06/2022   James Berzuk – "Linguistic Analays of Human-Robot Dialog Patterns"

05/2020–09/2021   Danika Passler Bates – "Domestic Companion Robot for Physical Comfort"

09/2019–12/2019   Jason Xu – "Developing a custom-behavior tool-chain for the Sony AIBO robotic dog"

07/2019–12/2019   Lena Schramm – "Developing a Measurement Instrument for Perceptions of Robotic Capability"

06/2019–10/2019   Annalena Baecker – "Emotional-Support Domestic Humanoid Robots"

05/2019–12/2019   Christopher Vattheuer – "Trust Implications of an Anthropomorphic Veneer"

05/2019–09/2019   Derek Dufault – "How to Evaluate Expectations Created by Anthropomorphism"

05/2018–03/2019   Raquel Thiesen – "Robots using Infrasound to Impact how they are Perceived"

09/2018–12/2018   Cole Peters – "Interface Control Software for Robotic Crawler"

05/2018–08/2018   Lorena Gonzalez – "Changing Teleoperated Robot Sound to Impact Driving"

05/2018–08/2018   Diljot Garcha – "Ambivalent Sexism Theory for Robots"

05/2017–09/2017   Nicholas Josephson – "Accessible Teleoperation Interfaces"

05/2017–09/2017   Diljot Garcha – "Flexible Avatar Models for In-The-Wild Robots"

06/2016–10/2016   Mahdi Rahmani – "Psychological Impact of Acceleration Curves on Teleoperators"
co-supervised with Dr. Neil Bruce

05/2016–08/2016   Nguyen Nguyen Tran – "Tangible Teleoperation Controllers for Reducing VR Sickness"

01/2015–03/2015   Jihyang Gu – "Women and Men Collaborating with Robots on Assembly Lines"

01/2015–03/2015   Seongmi Jeong – "Women and Men Collaborating with Robots on Assembly Lines"

09/2015–08/2016   Brittany Postnikoff – "The Impact of Proxemics on Robot Persuasion"

02/2015–09/2015   Keelin Griffin – "Exploring Gender Effects on Assembly-Line Human-Robot Teams"

01/2015–04/2015   Joel Wiebe – "A Third-Person Camera for Remote Robot Control"

09/2012–12/2014   Masayuki Nakane – "Exploring the Believability of Android Faces"

05/2014–09/2014   Joel Wiebe – "Touch-Screen Remote Control of Industrial Robots"

01/2013–01/2014   Matthew Brzezinski – "Robot Control Interface for Humanoid Robot"

01/2014–04/2014   Kaye Quizon – "Icons for Children"

01/2013–09/2014   Denise Geiskkovitch – "How Robot Embodiment Impacts Obedience"

01/2012–09/2012   Dale Hildebrandt – "Pre-programming motion paths for quadrotor robots"

01/2011–09/2013   Derek Cormier – "Exploring Obedience to Robots"

05/2011–12/2011   Daniel Rea – "the Roomba mood ring: an ambient-display robot"
co-supervised with Dr. Pourang Irani

09/2011–09/2012   Stela H. Seo – "EEG brain-wave monitoring for adaptive interfaces"
co-supervised with Dr. Andrea Bunt

09/2011–12/2011   Ibrahim Shahin – "investigating the impact that damage indicators have on player-character relationships in video games"

05/2011–08/2011   Ibrahim Shahin – "comparing physical and virtual cartoon-artwork robotic interfaces"

STUDENT COMMITTEES

2022   Glenda Hannibal, PhD Technical Sciences (Supervisor: Dr. Astrid Weiss, TU Wien)

2019–   Sahand Shaghaghi, PhD Computer Science (Supervisor: Dr. Kerstin Dautenhahn, Waterloo)

2019–2022   Ananta Chowdhury, MSc Computer Science (Supervisor: Dr. Andrea Bunt)

2016–2022   Patrick Dubois, PhD Computer Science (Supervisor: Dr. Andrea Bunt)

2021   Mojgan Hashemian, PhD Computer Science, Tecnico Lisboa (Supervisor: Dr. Rui Prada).

2019–   Hisham Alawi, MSc Computer Science (Supervisor: Dr. John Anderson, Dr. Jacky Baltes)

2017–2020   Uduak Edet, PhD Biosystems Engineering (Supervisor: Dr. Danny Mann)

2015–2020   Jorge Dourado, PhD Chemistry (Supervisor: Dr. Davis)

2018–2020   Breanna Cheri, MA PSychology (Supervisor: Dr. Debbie Kelly)

2015   Jean Francois Latreille, Meng Mechanical Engineering (Supervisor: Dr. Qingjin Peng)

2015   Patrick Dubois, MSc Computer Science (Supervisor: Dr. Andrea Bunt)

2014   Robbie Melvin, MSc Computer Science (Supervisor: Dr. Andrea Bunt)

2014   Michelle Gorea, MA Sociology (Supervisor: Dr. Sonia Bookman)

2013   Arash Hosseinpour, MEng Mechanical Engineering (Supervisor: Dr. Qingjin Peng)

2012–2013   Roberta Melvin, MSc Computer Science (Supervisor: Dr. Andrea Bunt)

2012-2013   Mohammad A. Wahid, MSc Computer Science (Supervisor: Dr. Stephane Durocher)

2011   David McCallum, MSc Computer Science (Supervisor: Dr. Pourang Irani)

2011-2012   Carey Williams, MSc Computer Science (Supervisor: Dr. Pourang Irani)

TEACHING EXPERIENCE

09/2020, 01/2021   INSTRUCTOR, COMP 3490, University of Manitoba
                        Computer Science 3490: Introduction to Computer Graphics

06/2020, 06/2021,
06/2022   INSTRUCTOR, HSI GO 12, Hokkaido University
                        Introduction to Human-Computer Interaction

09/2020, 09/2019, 09/2018, 09/2017, 09/2013
                        INSTRUCTOR, COMP 3020, University of Manitoba
                        Computer Science 3020: Human-Computer Interaction I

09/2019   INSTRUCTOR, SCI 2000, University of Manitoba
                        Student Project Reading Course (Human-Robot Interaction)

01/2019, 01/2018, 09/2015, 01/2014, 01/2011
> INSTRUCTOR, COMP 7570/7920, University of Manitoba
> Computer Science 7570: Advanced Introduction to Human-Robot Interaction

01/2020, 01/2018   INSTRUCTOR, COMP 4020, University of Manitoba
> Computer Science 4020: Human-Computer Interaction II

01/2017, 09/2015, 05/2015, 01/2013, 09/2012, 01/2012, 09/2011, 01/2011
> INSTRUCTOR, COMP 1010, University of Manitoba
> Computer Science 1010: Introduction to Computer Science

2015   COURSE DESIGNER, COMP 1010, University of Manitoba: Distance Education
> Computer Science 1010: Introduction to Computer Science

2017   COURSE DESIGNER, COMP 1500, University of Manitoba: Distance Education
> Computer Science 1500: Computing: Ideas and Innovation

05/2017, 01/2017, 01/2014, 01/2013
> INSTRUCTOR, COMP 3430, University of Manitoba
> Computer Science 3430: Operating Systems

01/2009   INSTRUCTOR, SENG 513, University of Calgary
> Software Engineering 513: Web-Based Systems

Winnipeg, January 18, 2023.