DENISE Y. GEISKKOVITCH

BUSINESS ADDRESS

ABB C528
1280 Main St. West.
Hamilton, ON L8S 4L8
(905) 525-9140 ext. 26249
geiskkod@mcmaster.ca

EDUCATIONAL BACKGROUND

Degrees and Diplomas

2021 Ph.D.
Department of Computer Science, Department of Psychology
University of Manitoba
Winnipeg, MB, Canada

2016 M.Sc.
Human-Computer Interaction
Georgia Institute of Technology
Atlanta, GA, USA

2014 B.Sc.
Department of Psychology (Honours), Department of Mathematics (minor)
University of Manitoba
Winnipeg, MB, Canada

Other Specialized Training

2022 Post-Doctoral Fellow
School of Interactive Arts and Technology
Simon Fraser University
Surrey, BC, Canada

CURRENT STATUS AT MCMASTER

07/2022 – present Assistant Professor, tenure-track
Department of Computing and Software

07/2022 – 07/2027 Barber-Gennum Endowed Chair in Information Technology
Faculty of Engineering

PROFESSIONAL ORGANIZATIONS

2016 - present Association for Computing Machinery

EMPLOYMENT HISTORY

Academic

07/2022 – present Assistant Professor, Tenure-Track
Department of Computing and Software

SCHOLARLY AND PROFESSIONAL ACTIVITIES

Editorial Boards

2024 - present ACM Transactions on Human-Robot Interaction (THRI), Associate Editor

2025 ACM Designing Interactive Systems (DIS) Program Committee, Associate Chair

2023 - 2024 ACM/IEEE International Conference on Human-Robot Interaction (HRI) Program Committee, Associate Chair

2023 Springer International Conference on Social Robotics (ICSR) Program Committee, Associate Chair

2021 - 2023 ACM Conference on Human Factors in Computing Systems (CHI) Program Committee, Associate Chair

Executive Positions

2022 – 2023 ACM Conference on Human-Agent Interaction (HAI) Organizing Committee, Registration Co-Chair

2021 – 2022 ACM/IEEE Conference on Human-Robot Interaction (HRI) Organizing Committee, Student Volunteer Co-Chair

2019 – 2020 ACM/IEEE Conference on Human-Robot Interaction (HRI) Organizing Committee, Student Design Competition Co-Chair

2018 – 2019 ACM Conference on Human-Agent Interaction (HAI) Organizing Committee, Workshop Co-Chair

Journal Referee (15+ manuscripts per year)

2016 - present ACM/IEEE International Conference on Human-Robot interaction
ACM HAI
ACM DIS
ACM CHI
IEEE RO-MAN
ACM THRI
Springer IJSR
Springer ICSR
John Benjamins Interaction Studies
Frontiers Robotics and AI

COURSES TAUGHT

Undergraduate

Program

Year	Role/Title	Course Code/Title	Term	Section (C01, L01, T01)	% Taught	Enrolment	Duration	Additional Comments
2025	Instructor	COMPSCI 1MD3	Winter	C01	100	116	1 term	
2024	Instructor	COMPSCI 4HC3	Fall	C01	100	64	1 term	
2024	Instructor	COMPSCI 1MD3	Winter	C01	100	135	1 term	
2022	Instructor	COMPSCI 4HC3	Fall	C01	100	92	1 term	Cross-listed
2022	Instructor	SFWRENG 4HC3	Fall	C01	100	127	1 term	Cross-listed
2022	Instructor	COMPSCI 4Z03	Fall		100	1	1 term	Directed readings course

Graduate
Program

Year	Role/Title	Course Code/Title	Term	Section (C01, L01, T01)	% Taught	Enrolment	Duration	Additional Comments
2024	Instructor	CAS 723	Fall	C01	100	10	1 term	
2024	Instructor	CAS 723	Winter	C01	100	9	1 term	
2022	Instructor	SFWRENG 6HC3	Fall	C01	100	6	1 term	Cross-listed

CONTRIBUTIONS TO TEACHING PRACTICE

Course/Curriculum Development
Updated assignments for COMPSCI 1MD3.
Development and implementation of CAS 723.
Development and implementation of new version of COMPSCI/SFWRENG 4HC3/6HC3.

SUPERVISORSHIPS

Master
2 (thesis) sole supervised
3 (non-thesis) sole supervised

In progress

Dates	Student's Name	Project Title	Department/Program	Supervisor	Co-Supervisor
2022 - present	Fatemeh Taherifard	Social Robot Navigation	CAS MASc.	Denise Geiskkovitch	
2023 - present	Hunter Ceranic	The Effect of Robot Mistakes in a Learning through Demonstration Scenario with Children	CAS MASc.	Denise Geiskkovitch	
2023 - present	Xiaoran Xie		CAS MEng.	Denise Geiskkovitch	
2024 - present	Beimei Zhu		CAS MEng.	Denise Geiskkovitch	
2024 - present	Xiangyu Xie		CAS MEng.	Denise Geiskkovitch	

PhD
1 sole supervised
1 co-supervised

In progress

Dates	Student's Name	Project Title	Department/Program	Supervisor	Co-Supervisor
2024 - present	Phillip Tran	An emotion regulation robot for young children	CAS PhD	Denise Geiskkovitch	
2025 – present	Shyam Ravichandran		CAS PhD	Denise Geiskkovitch	Sebastien Mosser

Postdoctoral Fellow
1 sole supervised

In progress

2024 – present	Dr. Julia Rosén		Postdoctoral Fellow	Denise Geiskkovitch	

Supervisory Committees
2024 – present Ron Harwood
2023 – present Christopher Schankula
2024 Thien Trandinh
2022 – 2024 Raquel Thiessen (external)
2022 – present Andrew Mitchell
2022 – 2023 Geneva Smith

Other
Undergraduate supervision
2022 – present Divya Patel
2024 – present Shruthi
2024 – present Eleanore

LIFETIME RESEARCH FUNDING

Ongoing Funding

Name(s) (indicate PI, underline your name)	**Title/Purpose of Research**	**Years of Funding**	**Funding Source/Agency**	**Funding amount** (by year)
Milena Head, Denise Geiskkovitch, et al.	MIRA MPR – EMPOWrD	2024-2028	MIRA	$262,235
Shane Saunderson, Denise Geiskkovitch	Labarge Catalyst Grant in Mobility in Aging	2024-2025	MIRA, Labarge	$45,000
Denise Geiskkovitch	Discovery Grant - Robot Design for Young Children	2022-2027	NSERC	$25,000
Denise Geiskkovitch	Discovery Launch Supplement - Robot Design for Young Children	2022-2023	NSERC	$12,500

Funding Completed

Name(s) (indicate PI, underline your name)	**Title/Purpose of Research**	**Years of Funding**	**Funding Source/Agency**	**Funding amount** (by year)
Denise Geiskkovitch, Richard Paige, Spencer Smith	Scalable Team-Based Learning - Structure Editor, GUI Editor and Teacher Dashboard	2023-2024	MITACS	$90,000

Funding Applied for

Name(s) (indicate PI, underline your name)	**Title/Purpose of Research**	**Years of Funding**	**Funding Source/Agency**	**Funding amount** (by year)
Denise Geiskkovitch	Robots for Supporting Children's Wellbeing	2025	NSERC	$129,581
Onaizah Onaizah,	Advancements in Human-	2024	CFI	$1,855,000

Denise Geiskkovitch, Matthew Giamou	Centred Robotics			

LIFETIME PUBLICATIONS

Peer Reviewed

Journal Articles

González, A. L., Geiskkovitch, D. Y., & Young, J. E. (2023). Say what you want, I'm not listening! A conversational self-reflection robot that does not parse user speech. *i-com*, *22*(1), 19-32.

Garcha, D., Geiskkovitch, D. Y., Thiessen, R., Prentice, S., Fischer, K., Young, J. E. (2023). Face to Face with a Sexist Robot: Exploring Reactions in a Gendered Society. *International Journal of Social Robotics, 15*, 1809–1828.

González, A., Geiskkovitch, D. Y., Young, J. E. (2023). Say what you want, I'm not listening!: A conversational self-reflection robot that does not parse user speech. *i-com Journal of Interactive Media*, *22*(1), 19-32.

Han, D., Heshemat, Y., Geiskkovitch, D. Y., Tan, Z., Neustaedter, C. (2022). A Scenario-based Study of Doctors and Patients with Video Conferencing Appointments from Home. *Transactions on Computer-Human Interaction*, 29(5), 1-35.

Geiskkovitch, D. Y., Seo, S. H., Cormier, D., Young, J. E. (2016). Please continue, we need more data: an exploration of obedience to robots. *ACM Transactions on Human-Robot Interaction (THRI), 5*(1), 82-99. ACM.

Other (including proceedings at meetings)

Shakeri, H., Yuan, Y., Axtell, B., Geiskkovitch, D. Y., & Neustaedter, C. (2024). Designing Smart Home Technology for Passive Co-Presence Over Distance. In *Proceedings of the 12th ACM Designing Interactive Systems Conference*, 3389-3406. DIS '24 (27% acceptance rate)

Dash, P., Axtell, B., Geiskkovitch, D. Y., Neustaedter, C., Stuerzlinger, W. (2024). Multimedia-Enabled 911: Exploring 911 Callers' Experience of Call Taker Controlled Video Calling in Simulated Emergencies. In *Proceedings of the 42nd ACM International Conference on Human Factors in Computing Systems*. ACM, CHI '24. (26% acceptance rate).

Patel, D. D., Geiskkovitch, D. Y. (2024). The Space Between Us: Bridging Human and Robotic Worlds in Space Exploration. In *Companion of the 2024 ACM/IEEE International Conference on Human-Robot Interaction*. ACM/IEEE, HRI

Thiessen, R., Geiskkovitch, D. Y., Dabiri, M., Berzuk, J. M., Lo, N., Sakamoto, D., Ripat, J., & Young, J. E. (2024). Understanding Family Needs: Informing Social Robot Design to Support Children with Disabilities to Engage in Play. In *Proceedings of the 12th International Conference on Human-Agent Interaction*, 71-80. ACM, HAI. (38% acceptance rate)

Geiskkovitch, D. Y., Young, J. E. (2023). Trust Calibration Through Intentional Errors: Designing Robot Errors to Decrease Children's Trust Towards Robots. In *Proceedings of the 32nd IEEE International Conference on Robot and Human Interactive Communication*, 1402-1406. IEEE, RO-MAN

Han, D., Geiskkovitch, D. Y., Yuan, Y., Mills, C., Zhong, C., Chen, A. Y. S., Stuerzlinger, W., Neustaedter, C. (2023). Dr.'s Eye: The design and evaluation of a video conferencing system to support doctor appointments in home settings. In *Proceedings of the 41st ACM International Conference on Human Factors in Computing Systems*. 1-18. ACM, CHI '23. (28% acceptance rate)

Mills, C., Geiskkovitch, D. Y., Neustaedter, C., Odom, W., Axtell, B. (2023). Remote wavelength: Design and evaluation of a system for social connectedness through distributed tabletop gameplay. In *Proceedings of the 41st ACM International Conference on Human Factors in Computing Systems*. 1-19. ACM, CHI '23. (28% acceptance rate)

Shakeri, H., Geiskkovitch, D. Y., Neustaedter, C., Garg, R. (2023). Sensing their presence: How emerging adults and their parents connect after moving apart. In *Proceedings of the 41st ACM International Conference on Human Factors in Computing Systems*. 1-18. ACM, CHI ’23. (28% acceptance rate)

Thiessen, R., Dabiri, M., Geiskkovitch, D. Y., Ripat, J., Young, J. E. (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*. ACM/IEEE, HRI ‘23.

Geiskkovitch, D. Y., Müller, M., & Neustaedter, C. (2022). The needs of grandparents and grandchildren in a socially and geographically distanced world: A case study. In *Companion Publication of the 2022 Conference on Computer Supported Cooperative Work and Social Computing*, 14-17. ACM, CSCW ’22.

Geiskkovitch, D. Y., Rea, D. J., Seo, A. Y., Seo, S. H., Postnikoff, B., Young, J. E. (2020). Where should I sit? Exploring the impact of seating arrangement in a human-robot collaborative task. In *Proceedings of the 8th ACM International Conference on Human-Agent Interaction*. ACM, HAI ‘20. (38% acceptance rate)

Vattheuer, C., Baecker, A. N., Geiskkovitch, D. Y., Seo, S. H., Rea, D. J., Young, J. E. (2020). Blind trust: How making a device humanoid reduces the impact of functional errors on trust. In *Proceedings of the 12th Springer International Conference on Social Robotics*. Springer, ICSR ’20. (25% acceptance rate)

Geiskkovitch, D. Y., Thiessen, R., Young, J. E., Glenwright, M. R. (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 on Human-Robot Interaction*, 48-56. ACM/IEEE, HRI ‘19. (24% acceptance rate)

Sanoubari, E., Geiskkovitch, D. Y., Garcha, D. S., Sabab, S. A., Hong, K., Young, J. E., 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 International Conference on Human-Agent Interaction*. ACM, HAI ‘18. (43% acceptance rate)

Rea, D. J., Geiskkovitch, D., Young, J. E. (2017). Wizard of awwws: Exploring psychological impact on the researchers in social HRI experiments. In *Proceedings of the 12th ACM/IEEE International Conference on Human-Robot Interaction*, 21-29. ACM/IEEE, HRI ’17. (24% acceptance rate)

McGlynn, S. A., Geiskkovitch, D., Mitzner, T. L., & Rogers, W. A. (2016). PARO’s Stress-Reduction Potential for Older Adults. In *Proceedings of the Human Factors and Ergonomics Society Annual Meeting,* Vol. 60, No. 1, 1799-1803. Sage.

Wiebe, M., Geiskkovitch, D. Y., & Bunt, A. (2016) Icons for Kids: Can Young Children Understand Graphical Representations of App Store Categories?. In *Proceedings of* the *ACM International Conference on Computer Graphics and Interactive Technologies*, 163-166. ACM, GI ’16. (42% acceptance rate)

Wiebe, M., Geiskkovitch, D. Y., Bunt, A. (2016) Exploring user attitudes towards different approaches to command recommendation in feature-rich software. In *Proceedings of the 21st International Conference of Intelligent User Interfaces*, 43-47. ACM, IUI ’16. (25% acceptance rate)

Seo, S. H., Geiskkovitch, D., Nakane, M., King, C., Young, J. E. (2015). Poor ting! Would you feel sorry for a simulated robot? A comparison of empathy toward a physical and a simulated robot. In *Proceedings of the 10th ACM/IEEE International Conference on Human-Robot Interaction*, HRI’2015, Portland, Oregon, USA, 125-132. ACM/IEEE, HRI ’15. (25% acceptance rate)

PRESENTATIONS AT MEETINGS

Invited

2024 *Human-Robot Interaction for Space: What We Can Learn From Earth Studies*, Canadian Space Health Research Symposium, London, ON, Canada

2023 *When Robot Interaction Goes Wrong: Trust and Obedience in Human-Robot Interaction*, Ghent University, Ghent, Belgium

2021 *Social Robots for Kids: Potential Applications and Opportunities*, Rehabilitation Centre for Children, Winnipeg, MB, Canada

2021 *Investigating the Unexpected: What Happens When Robots do Weird Things?*, Chalmers University of technology, Gothenburg, Sweden

2020 *When Robot Interaction Goes Wrong: Trust and Obedience in Human-Robot Interaction*, Ghent University, Ghent, Belgium (cancelled due to Covid)

ADMINISTRATIVE RESPONSIBILITIES

Department

2024 - present	Graduate Recruitment Committee, Computing and Software
2022 (fall)	CLA Search Committee, Computing and Software
2022 (fall)	Graduate Recruitment Chair, Computing and Software

Faculty

2022	MacPherson Institute & Faculty of Engineering Partnership Committee (disbanded)

LEAVES OF ABSENSE

2023	Parental leave