Natalie Parde

Assistant Professor
Department of Computer Science
University of Illinois at Chicago
www.natalieparde.com

851 S Morgan St.
Room SEO 1132
Chicago, Illinois 60607
parde@uic.edu

Education

Ph.D., Computer Science and Engineering
University of North Texas, 2018. 4.0/4.0.

M.S., Computer Science
University of North Texas, 2016. 4.0/4.0.

B.S., Computer Science
University of North Texas, 2013. *Summa Cum Laude*.

Additional Coursework
Overview of Online Instruction, Illinois Online Network (ION) Professional eLearning Program, 2020
New Computing Faculty Workshop, Computing Research Association, 2018
Graduate Student Teaching Excellence Program, University of North Texas, 2016

Research

Natural Language Processing Laboratory
Department of Computer Science, University of Illinois at Chicago
Co-Director, October 2018 – Present

Human Intelligence and Language Technologies Laboratory
Department of Computer Science and Engineering, University of North Texas
Research Assistant, June 2013 – May 2015
Research Fellow, June 2015 – September 2018

Human Movement Performance Laboratory
Department of Physical Therapy, University of North Texas Health Science Center
Programmer, June 2018 – September 2018

Software and Knowledge Engineering Laboratory
Institute of Informatics and Telecommunications, N.C.S.R. Demokritos, Greece
Visiting Researcher, July 2014

Reconfigurable Computing Laboratory
Department of Electrical Engineering, University of North Texas
Research Assistant, June 2012 – May 2013

Research Grants

CREATE WISDOM: Addressing Wicked Problems in Healthcare through Informatics, Engineering, Data Science and Medicine

UI Discovery Partners Institute | Co-I | Award Amount: $125,000
Investigators: Karl Kochendorfer (PI, *UI Health*); Ravishankar Iyer (Co-PI, *UIUC*); Andrew Trotter, Martha Daviglus, Christian Ascoli, Scott Borgetti, Stephen Brown, Bill Galanter, Olga Garcia-Bedoya, Bhrandon Harris, Min Joo, Martha Menchaca, Richard Novak, and Tushar Patel (Co-Is, *UI Health*); Narendra Ahuja, Anu Aggarwal, Masooda Bashir, Roy Campbell, David Forsyth, Sanmi Koyejo, and ChengXiang Zhai (Co-Is, *UIUC*); Andy Boyd, Houshang Darabi, and Natalie Parde (Co-Is, *UIC*); Bala Hota and Casey Frankenberger (Co-Is, *Rush University Medical Center*); Liewei Wang (Co-I, *Mayo Clinic*); Justin B. Starren (Co-I, *Northwestern University*); Paul Arnold (Co-I, *Carle Foundation Hospital*); Ayis Pyrros (Co-I, *DuPage Medical Group*); Sarah de Ramirez (Co-I, *OSF Healthcare*)
Awarded: August 2020

Artificial Intelligence Modeling for COVID-19 Disease (AIMCOVID)
UIC Center for Clinical and Translational Science | Co-I | Award Amount: $30,000
Investigators: Andrew Trotter (PI, *UIC Clinical Medicine*), Christian Ascoli (Co-I, *UIC Medicine*), Scott Borgetti (Co-I, *UIC Clinical Medicine*), Andrew Boyd (Co-I, *UIC Biomedical and Health Information Sciences*), Houshang Darabi (Co-I, *UIC Mechanical and Industrial Engineering*), William Galanter (Co-I, *UIC Medicine*), Bhrandon Harris (Co-I, *UIC Family Medicine*), Ravishankar Iyer (Co-I, *UIUC Electrical and Computer Engineering*), Min Joo (Co-I, *UIC Medicine*), Karl Kochendorfer (Co-I, *UIC Clinical Family Medicine*), Martha Menchaca (Co-I, *UIC Radiology*), Richard Novak (Co-I, *UIC Medicine*), Natalie Parde (Co-I, *UIC Computer Science*)
Awarded: May 2020

Alzheimer's Disease Research Center Pilot Grant
University of California, San Diego | Consultant | Award Amount: $60,000
Investigators: Erin Sundermann (PI, *UCSD Psychiatry*), Raeanne Moore (Co-I, *UCSD Psychiatry*), Tamar Gollan (Co-I, *UCSD Psychiatry*), Natalie Parde (Consultant, *UIC Computer Science*), Alex Leow (Consultant, *UIC Psychiatry*)
Awarded: March 2020

Google Cloud Platform Research Credits Grant
Google | PI | Award Amount: $5000
Investigators: Natalie Parde (PI, *UIC Computer Science*)
Awarded: December 2018

National Science Foundation Graduate Research Fellowship
National Science Foundation | PI | Award Amount: $132,000
Investigators: Natalie Parde (PI, *UNT Computer Science and Engineering*)
Awarded: April 2014

Awards

Outstanding Reviewer, Association for Computational Linguistics, 2020

Outstanding Reviewer, North American Chapter of the Association for Computational Linguistics, 2019

Outstanding Ph.D. Student, Department of Computer Science and Engineering, University of North Texas, 2018

Dr. Hermann Zemlicka Award for Most Visionary Paper, Gmunden Retreat on NeuroIS, 2017

Golden Eagle Award, University of North Texas, 2016

First Place Project, International Research-centered Summer School in Cognitive Systems and Interactive Robotics, Data and Content Analysis, 2014

People's Choice Project, International Research-centered Summer School in Cognitive Systems and Interactive Robotics, Data and Content Analysis, 2014

Honors Scholar Award, UNT Honors College, 2013

Travel Grants

Connections in Smart Health Workshop Travel Award, National Science Foundation, 2018

SemBEaR Student Travel Grant, NAACL Workshop on Computational Semantics Beyond Events and Roles/National Science Foundation, 2018

AAAI Doctoral Consortium Travel Grant, Association for the Advancement of Artificial Intelligence, 2018

Grace Hopper Scholarship, Google, 2017

EMNLP Student Scholarship, Special Interest Group on Linguistic Data and Corpus-based Approaches to NLP, 2017

Toulouse Graduate School Travel Grant, University of North Texas, 2018, 2017

College of Engineering Travel Grant, University of North Texas, 2018, 2017, 2014

Departmental Travel Award, Department of Computer Science and Engineering, University of North Texas, 2018, 2016, 2015, 2013

IJCAI Doctoral Consortium Travel Grant, International Joint Conference on Artificial Intelligence/National Science Foundation, 2015

CRA-W Workshop and Travel Scholarship, CRA Committee on the Status of Women in Computing, 2016, 2015, 2014

Scholarships

Graduate Assistantship Tuition Scholarship, University of North Texas, 2013

Academic Achievement Scholarship, University of North Texas, 2013

Engineering Ambassador Scholarship, College of Engineering, University of North Texas, 2012

C.J. Davidson Honors Scholarship, Honors College, University of North Texas, 2011

Achievement Scholarship, University of North Texas, 2009

Board of Regents' Excellence Scholarship, University of North Texas, 2009-2013

Publications[1]

P. Hossu* and N. Parde. UIC-NLP at SemEval-2020 Task 10: Exploring an Alternate Perspective on Evaluation. To appear in the *Proceedings of the 14th International Workshop on Semantic Evaluation (SemEval 2020)*. Barcelona, Spain, December 12-13, 2020.

C. Gordon* and N. Parde. Latent Neural Differential Equations for Video Generation. To appear in the *Proceedings of the Preregistration Workshop on Machine Learning at NeurIPS 2020*. Online, December 6-12, 2020.

S. Farzana* and N. Parde. Exploring MMSE Score Prediction Using Verbal and Non-Verbal Cues. In the *Proceedings of the 21st Conference of the International Speech Communication Association (INTERSPEECH 2020)*. Shanghai, China, October 25-29, 2020.

S. Farzana,* M. Valizadeh,* and N. Parde. Modeling Dialogue in Conversational Cognitive Health Screening Interviews. In *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC 2020)*. Marseilles, France, May 11-16, 2020.

F. Di Palo* and N. Parde. Enriching Neural Models with Targeted Features for Dementia Detection. In *Proceedings of the 2019 ACL Student Research Workshop (ACL SRW 2019)*. Florence, Italy, July 28-August 2, 2019.

N. Parde and R. D. Nielsen. AI Meets Austen: Towards Human-Robot Discussions of Literary Metaphor. In *Proceedings of the 20th International Conference on Artificial Intelligence in Education (AIED 2019)*. Chicago, Illinois, June 25-29, 2019.

Y. Modi* and N. Parde. The Steep Road to Happily Ever After: An Analysis of Current Visual Storytelling Models. In *Proceedings of the NAACL 2019 Workshop on Shortcomings in Vision and Language (SiVL 2019)*. Minneapolis, Minnesota, June 6, 2019.

S. Farzana* and N. Parde. Virtual-Interviewer: A Conversational Agent Designed to Facilitate Cognitive Health Screening in Older Adults. In *Proceedings of the IEEE-EMBS International Conference on Biomedical and Health Informatics: Extended Abstracts (BHI 2019)*. Chicago, Illinois, May 19-22, 2019.

N. Parde and R. D. Nielsen. User Perceptions of a Conversational Robot Interface. In *Proceedings of the CHI 2019 Workshop on Mapping Theoretical and Methodological Perspectives for Understanding Speech Interface Interactions (SpeechCHI 2019)*. Glasgow, United Kingdom, May 5, 2019.

[1] An asterisk (*) indicates students who I advise.

N. Parde and R. D. Nielsen. Automatically Generating Questions about Novel Metaphors in Literature. In *Proceedings of the 11th International Conference on Natural Language Generation (INLG 2018)*. Tilburg, The Netherlands, November 5-8, 2018.

N. Parde and R. D. Nielsen. Reading with Robots: Promoting Cognitive Exercise in Elderly Populations through Embodied Conversational Dialogue. In *Proceedings of the 2018 Connections in Smart Health Workshop*. Arlington, Virginia, September 24-26, 2018.

N. Parde and R. D. Nielsen. Detecting Sarcasm is Extremely Easy ;-). In *Proceedings of the NAACL 2018 Workshop on Computational Semantics Beyond Events and Roles (SemBEaR 2018)*. New Orleans, Louisiana, June 5, 2018.

N. Parde and R. D. Nielsen. A Corpus of Metaphor Novelty Scores for Syntactically-Related Word Pairs. In *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC 2018)*. Miyazaki, Japan, May 7-12, 2018.

N. Parde and R. D. Nielsen. Exploring the Terrain of Metaphor Novelty: A Regression-based Approach for Automatically Scoring Metaphors. In *Proceedings of the Thirty-Second AAAI Conference on Artificial Intelligence (AAAI-18)*. New Orleans, Louisiana, February 2-7, 2018.

N. Parde. Reading with Robots: Towards a Human-Robot Book Discussion System for Elderly Adults. In *Proceedings of the Thirty-Second AAAI Conference on Artificial Intelligence (AAAI-18) Doctoral Consortium*. New Orleans, Louisiana, February 2-7, 2018.

N. Parde and R. D. Nielsen. Finding Patterns in Noisy Crowds: Regression-based Annotation Aggregation for Crowdsourced Data. In *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP 2017)*. Copenhagen, Denmark, September 7-11, 2017.

N. Salma, B. Mai, K. Namuduri, R. Mamun, Y. Hashem, H. Takabi, N. Parde, and R. Nielsen. Using EEG Signal to Analyze IS Decision Making Cognitive Processes. In Information Systems and Neuroscience, Lecture Notes in Information Systems and Organisation.

M. Narouei, H. Khanpour, H. Takabi, R. Nielsen and N. Parde. Towards a Top-down Policy Engineering Framework for Attribute-based Access Control. In *Proceedings of the 22nd ACM Symposium on Access Control Models and Technologies*. Indianapolis, Indiana, June 21-23, 2017.

N. Parde and R. D. Nielsen. #SarcasmDetection is soooo general! Towards a Domain-Independent Approach for Detecting Sarcasm. In *Proceedings of the 30th International FLAIRS Conference (FLAIRS 2017)*. Marco Island, Florida, May 22-24, 2017.

N. Parde, A. Hair, M. Papakostas, K. Tsiakas, M. Dagioglou, V. Karkaletsis, and R. D. Nielsen. Grounding the Meaning of Words through Vision and Interactive Gameplay. In *Proceedings of the 2015 International Joint Conference on Artificial Intelligence (IJCAI 2015)*, Buenos Aires, Argentina, July 25-31, 2015.

M. Papakostas, K. Tsiakas, N. Parde, V. Karkaletsis, and F. Makedon. An Interactive Framework for Learning User-Object Associations through Human-Robot Interaction. In *Proceedings of the 8th International Conference on PErvasive Technologies Related to Assistive Environments (PETRA 2015)*, Corfu, Greece, July 1-3, 2015.

N. Parde, M. Papakostas, K. Tsiakas, and R. D. Nielsen. "Is It Rectangular?" Using I Spy as an Interactive, Game-Based Approach to Multimodal Robot Learning. In *Proceedings of the AAAI-15 Conference on Artificial Intelligence Student Program*, Austin, Texas, January 25-30, 2015.

N. Parde, M. Papakostas, K. Tsiakas, M. Dagioglou, V. Karkaletsis, and R. D. Nielsen. I Spy: An Interactive Game-Based Approach to Multimodal Robot Learning. In *Proceedings of the AAAI-15 Workshop on Knowledge, Skill, and Behavior Transfer in Autonomous Robots*, Austin, Texas, January 25, 2015.

N. Parde and R. D. Nielsen. Design Challenges and Recommendations for Multi-Agent Learning Systems Featuring Teachable Agents. In *Proceedings of the 2nd Annual GIFT Users Symposium (GIFTSym2)*. Pittsburgh, Pennsylvania, June 12-13, 2014

G. Mehta, K. K. Patel, N. Parde, and N.S. Pollard. "Data-driven mapping using local patterns." IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems 32.11 (2013): 1668-1681.

G. Mehta, C. Crawford, X. Luo, N. Parde, K. Patel, B. Rodgers, A. Sistla, A.Yadav, and M. Reisner. (2013). UNTANGLED – A game environment for discovery of creative mapping strategies. In ACM Transactions on Reconfigurable Technology and Systems, Vol. 6, No.3

G. Mehta, X. Luo, N. Parde, K. Patel, B. Rodgers, and A. K. Sistla. UNTANGLED - An interactive mapping game for engineering education. In *Proceedings of 2013 IEEE International Conference on Microelectronic Systems Education (MSE 2013)*, Austin, Texas, 2013.

A. Sistla, N. Parde, K. Patel, and G. Mehta. Cross-architectural study of custom reconfigurable devices using crowdsourcing. In *Proceedings of the 2013 IEEE 27th International Symposium on Parallel and Distributed Processing Workshops and PhD Forum (IPDPSW 2013)*, Boston, Massachusetts, May 20-24, 2013.

Invited Talks

N. Parde. Supporting Cognitive Wellness through Spoken Language Analysis. Invited presentation at the *Penn State University Joint CSE/IST Colloquium in Natural Language Processing*. Virtual, October 23, 2020.

N. Parde. And, Action! Towards Leveraging Multimodal Patterns for Storytelling and Content Analysis. Invited keynote at the *2nd International Workshop on AI for Smart TV Content Production, Access and Delivery (AI4TV 2020)*. Virtual, October 12, 2020.

N. Parde. Automatically Assessing Cognitive Health Using Verbal and Non-Verbal Cues. Invited presentation for the *UIC Data Science Lightning Talks* series. Virtual, August 7, 2020.

N. Parde. Tea Time: Q&A with Dr. Natalie Parde. Invited presentation for *UIC CS 100: Discovering Computer Science*. Virtual, May 18, 2020.

N. Parde. An Introduction to the Deliciously Simple (#sarcasm) World of Computational Figurative Language Processing. Invited presentation at the *UIC Cognitive Psychology Brown Bag Series*. Chicago, Illinois, April 3, 2019.

N. Parde. Writing a Successful Proposal — How I Did It. Invited presentation at the *2018 UNT Graduate Research Grant Assistance Workshop*. Denton, Texas, August 22-24, 2018.

Additional Talks

Y. Modi and N. Parde. Visual Storytelling: Errors and Improvements. Presentation at the *2019 Midwest Speech and Language Days (MSLD 2019)*. Chicago, Illinois, May 3, 2019.

N. Parde and R. D. Nielsen. Reading with Robots: Towards an Intelligent Reading Companion that Promotes Cognitive Exercise in Older Adults. Poster at the *2017 Dallas Aging and Cognition Conference*. Dallas, Texas, January 29-30, 2017.

R. D. Nielsen and N. Parde. Perceptive Emotive Spoken-Dialogue Companion Robots. Presentation at the *2016 IEEE MetroCon Conference*. Arlington, Texas, October 26, 2016.

N. Parde and R. D. Nielsen. Getting to the Heart of Metaphors: Dependency-based Detection of Metaphoric Juxtapositions. Poster at the *2016 CRA-Women Graduate Cohort Workshop*. San Diego, California, April 15-16, 2016.

N. Parde and R. D. Nielsen. An Exploration in Teaching Robots through "I Spy" Gameplay. Poster at the *2015 CRA-Women Graduate Cohort Workshop*. San Francisco, California, April 10-11, 2015.

N. Parde and R. D. Nielsen. Improving Cognition in the Elderly via Dialogue-Based Games with Teachable Robot Agents. Poster at the *2014 CRA-Women Graduate Cohort Workshop*. Santa Clara, California, April 11-12, 2014.

Teaching

UIC CS 521: Statistical Natural Language Processing, Spring 2020
Course Evaluations:[2]
Class Size: 18 | Course Evaluation Responses: 16
Teaching Effectiveness: 4.81 ± 0.40 | *Overall Quality*: 4.63 ± 0.72
Difficulty: 3.31 ± 0.79 | *Workload*: 3.25 ± 0.68

UIC CS 421: Natural Language Processing, Fall 2019
Course Evaluations:
Class Size: 28/25 (Undergrad/Grad) | Course Evaluation Responses: 16/22
Teaching Effectiveness: 4.5/4.36 ± 0.82/0.85 | *Overall Qual.*: 4.44/4.64 ± 0.73/0.58
Difficulty: 3.69/3.05 ± 0.7/1.05 | *Workload*: 3.63/3.41 ± 0.62/1.01

UIC CS 594: Language and Vision, Spring 2019
Course Evaluations:
Class Size: 19 | Course Evaluation Responses: 17
Teaching Effectiveness: 4.82 ± 0.39 | *Overall Quality*: 4.71 ± 0.47
Difficulty: 3.41 ± 0.51 | *Workload*: 3.53 ± 0.51

Additional Course Impact:
- CS 521 (Spring 2020) mentioned in the January 2020 issue of the NLP Newsletter[3] (11.8k+ subscribers)
- CS 594 (Spring 2019) listed as a reference for CMP 722 (Advanced Computer Vision) at Hacettepe University[4]
- CS 421 course materials incorporated into the curriculum for the NLP course at Telkom University

Guest Lectures

UNT (Frisco) CSCE 5300: Introduction to Big Data and Data Science
March 2018: Big Data and Data Science Overview

UNT CSCE 4310/5210: Introduction to Artificial Intelligence
May 2018: Grounded Language Learning
February 2018: Figurative Language Processing + AAAI 2018 Highlights

[2]Scored using a Likert scale ranging from 1-5. For *Teaching Effectiveness* and *Overall Quality*, 1=Poor and 5=Excellent. For *Difficulty* and *Workload*, 1=Very Easy and 5=Very Hard.

[3]`http://newsletter.ruder.io/issues/nlp-progress-restrospectives-and-look-ahead-new-nlp-courses-independent-research-initiatives-interviews-lots-of-resources-217744`

[4]`https://web.cs.hacettepe.edu.tr/~aykut/classes/spring2019/cmp722/`

March 2017: Natural Language Processing

UNT CSCE 1010: Discovering Computer Science
Nov. 2015, April 2015, Nov. 2014, April 2014: Introduction to Robotics with NAO

External Service

Session Chair: Birds of a Feather (NLP Applications), Annual Conference of the Association for Computational Linguistics (ACL), 2020

Group Mentor: Navigating Research Problems in NLP, Annual Conference of the Association for Computational Linguistics (ACL), 2020

Mentoring Committee, ACL Student Research Workshop, 2020

Session Chair, Midwest Speech and Language Days, 2019

Funding Agency Panelist

National Science Foundation, 2020
National Science Foundation, 2019

Program Committees

Major Conferences:

(AAAI 2021) Association for the Advancement of Artificial Intelligence, *Senior Program Committee*
(IJCAI 2021) International Joint Conferences on Artificial Intelligence
(EMNLP 2020) Conference on Empirical Methods in Natural Language Processing, Track: Dialogue and Interactive Systems
(ACL 2020) Annual Meeting of the Association for Computational Linguistics, Track: NLP Applications
(EMNLP 2019) Conference on Empirical Methods in Natural Language Processing, Tracks: Sentence-Level Semantics; Speech, Vision, Robotics, Multimodal and Grounding
(ACL 2019) Annual Meeting of the Association for Computational Linguistics, Tracks: Word-Level Semantics; Dialogue and Interactive Systems; Vision, Robotics, Multimodal Grounding, and Speech
(NAACL 2019) Conference of the North American Chapter of the Association for Computational Linguistics, Track: Semantics

Targeted Conferences:

(LREC 2020) Language Resources and Evaluation Conference
(CoRL 2019) Conference on Robot Learning
(AAMAS 2019) International Conference on Autonomous Agents and Multiagent Systems
(LDK 2019) Conference on Language, Data and Knowledge

Workshops:

(ACL SRW 2020) ACL 2020 Student Research Workshop
(SpLU-RoboNLP 2019) NAACL-HLT Combined Workshop on Spatial Language Understanding & Grounded Communication for Robotics

External Reviewer
(CHI 2019) ACM CHI Conference on Human Factors in Computing Systems

Ad-Hoc Journal Reviewer
Neurocomputing, 2019

Conference Volunteer
(EMNLP 2017) Empirical Methods in Natural Language Processing
(IJCAI 2015) International Joint Conference on Artificial Intelligence

Internal Service

University of Illinois at Chicago

Ph.D. Advisor:
Ankit Aich (Current), *University of Illinois at Chicago*
Mina Valizadeh (Current), *University of Illinois at Chicago*
Mohammad Arvan (Current), *University of Illinois at Chicago*
Pardis Ranjbar-Noiey (Current), *University of Illinois at Chicago*
Shahla Farzana (Current), *University of Illinois at Chicago*
Usman Shahid (Current), *University of Illinois at Chicago*

M.S. Thesis Advisor:
Yatri Modi (Successfully Defended 3/3/2020), *University of Illinois at Chicago*
Alberto Bellini (Successfully Defended 12/13/2019), *University of Illinois at Chicago*
Flavio Di Palo (Successfully Defended 12/12/2019), *University of Illinois at Chicago*

Ph.D. Committees:
Ja Eun Yu (Preliminary Exam: Forthcoming), *Computer Science, University of Illinois at Chicago*
Sahisnu Mazumder (Preliminary Exam: Forthcoming), *Computer Science, University of Illinois at Chicago*
Natawut Monaikul (Preliminary Exam: Forthcoming), *Computer Science, University of Illinois at Chicago*
Vera Kaelin (Preliminary Exam: Forthcoming), *Rehabilitation Sciences, University of Illinois at Chicago*
Mehrnaz Najafi (Preliminary Exam: Spring 2020), *Computer Science, University of Illinois at Chicago*
Felix Pambuccian (Preliminary Exam: Spring 2020), *Psychology, University of Illinois at Chicago*
Itika Gupta (Preliminary Exam: Fall 2019), *Computer Science, University of Illinois at Chicago*
Abhinav Kumar (Preliminary Exam: Fall 2019), *Computer Science, University of Illinois at Chicago*
Krista Miller (Preliminary Exam: Fall 2019), *Psychology, University of Illinois at Chicago*

Mehrdad Alizadeh (Successfully Defended 5/22/2020), *Computer Science, University of Illinois at Chicago*
Zainab Al-Qurashi (Successfully Defended 4/13/2020), *Computer Science, University of Illinois at Chicago*
Lei Shu (Successfully Defended 2/10/2020), *Computer Science, University of Illinois at Chicago*
Hu Xu (Successfully Defended 2/10/2020; Preliminary Exam: Fall 2019), *Computer Science, University of Illinois at Chicago*

M.S. Thesis Committees:
Maddalena Andreoli (Successfully Defended 5/8/2020), *University of Illinois at Chicago*
Tejas Sarma (Successfully Defended 3/15/2019), *University of Illinois at Chicago*
Shoaib Khan (Successfully Defended 3/12/2019), *University of Illinois at Chicago*
Paolo Polimeno Camastra (Successfully Defended 12/11/2018), *University of Illinois at Chicago*

M.S. Project Committees:
Aldo Alvarez (Spring 2019), *University of Illinois at Chicago*
Ashwani Khemani (Spring 2019), *University of Illinois at Chicago*
Unaiza Faiz (Spring 2019), *University of Illinois at Chicago*

WCP Chair:[5]
Seo Yeon Park (Spring 2020), *University of Illinois at Chicago*
Mahshid Alsadat Hosseini (Spring 2020), *University of Illinois at Chicago*
Hasti Sharifi (Fall 2019), *University of Illinois at Chicago*
Yingjie Li (Spring 2019), *University of Illinois at Chicago*

WCP Committees:
Mina Valizadeh (Spring 2020), *University of Illinois at Chicago*
Mohammad Arvan (Spring 2020), *University of Illinois at Chicago*
Neshat Mohammadi (Spring 2019), *University of Illinois at Chicago*

Additional Mentoring:
Hajara-Yasmin Isa (2020–Present), *University of Illinois at Chicago*
Mariya Pasheva (2020–Present), *University of Illinois at Chicago*
Ivana Pavlovic (2019–Present), Early Research Scholars Program, *University of Illinois at Chicago*
Jessica Borowy (2019–Present), Early Research Scholars Program, *University of Illinois at Chicago*
Noemi Andras (2019–Present), Early Research Scholars Program, *University of Illinois at Chicago*

[5]Written Critique and Presentation (WCP) is the formal name for UIC's Ph.D. qualifier examination. Advisors cannot serve as chairs for their own advisees, and at least one committee member must be from outside the student's primary research area.

Soyoon Lee (2019–Present), Early Research Scholars Program, *University of Illinois at Chicago*
Cade Gordon (2019–Present), *Adlai E. Stevenson High School*
Salma Kamni (2019), *Amos Alonzo Stagg High School*
Yousef Ahmed (2019), *University of Illinois at Urbana-Champaign*

Faculty Fellow, Honors College, Fall 2020–Present
Interviewer, College of Engineering Women's Scholarship Program, Spring 2020
Mentor, exploreCSR Problem Solving and Research Workshop, Spring 2020
Panelist, exploreCSR Problem Solving and Research Workshop, Fall 2019
Faculty Chaperone, Grace Hopper Celebration of Women in Computing, Fall 2019
Computer Science Marshal, UIC Commencement Ceremony, Spring 2019
Interviewer, College of Engineering Women's Scholarship Program, Spring 2019
Proposal Reviewer, Discovery Partners Institute (DPI) Seed Funding Cycle 1 Program, Winter 2018/19

University of North Texas
Mentoring:
Ajata Reddy (2018–2019), *Texas Academy of Mathematics and Science (TAMS)*
Henry Nguyen (2018-2019), *TAMS*
John Long (2018), *TAMS*
Skylar Werner (2018), *University of North Texas (UNT)*
Philip Zeng (2018), *TAMS*
Ryan Peterson (2017-2018), *TAMS*
Huram-Abi Yotchoum Nzia (2017-2018), *TAMS*
Shelby Hobohm (2016-2017), *TAMS*
Leanne Joseph (2016-2017), *TAMS*
Soujanya Geddam (2016-2017), *TAMS*
Yuri Castro (2016), *TAMS*
Zaine Khoja (2016), *TAMS*
Jacob Brunson (2015-2016), *TAMS*
Sara Adams (2015-2016), *TAMS*
Noelle Davis (2015-2016), *TAMS*
Zhaochen Gu (2015-2016), *UNT*
Adam Hair (2014-2015), *UNT*
Keerat Baweja (2013-2015), *TAMS*

Judge, UNT Showcase of Undergraduate Research in Engineering, Fall 2013
Engineering Ambassador, UNT College of Engineering, 2012-2013

Outreach

Team Leader, UIC Women in CS Scavenger Hunt, Fall 2019
Activity Leader, STEM Academy Middle School Summer Camp, July 2018, July 2017, July 2016

Site Facilitator, North American Computational Linguistics Olympiad, 2018, 2017, 2016, 2014
Application Reviewer, NCWIT Aspirations in Computing Award, 2017, 2015
Activity Instructor, Design Your World STEM Conference for Girls, November 2017, April 2016, March 2015
Student Group Leader, Design Your World STEM Conference for Girls, April 2017
Panelist, NCWIT Aspirations in Computing Ceremony, February 2016
Activity Leader, UNT Engineering REAL Community, October 2015
Presenter, NCWIT Aspirations in Computing Ceremony, February 2015

Affiliations

Member, Association for Computing Machinery
Member, Association for Computational Linguistics
Member, Association for the Advancement of Artificial Intelligence
Former President, UNT Women in Computing