

# Helia Hosseinpour

University of California Merced  
Cognitive and Information Sciences

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## Education

2020 – In process Ph.D. in Cognitive & Information Sciences, University of California Merced (UC Merced)  
May 2020 B.S in Psychology-Neuroscience, Pennsylvania State University (PSU)  
May 2020 Minor in Entrepreneurship and Innovation (New Ventures), Pennsylvania State University

## Professional Experience

2020 – Current Graduate Student Researcher, Cognitive & Information Sciences, UC Merced  
2018 – 20 Research Assistant, Feelings Behavior & Information Processing (FBIP) Laboratory, PSU  
2017 – 18 Research Assistant, Developmental Personality Neuroscience (DEPEND) Laboratory, PSU  
2016 – 18 Orientation Leader, Office for Student Orientation and Transition Programs, PSU  
2016 Organizing Fellow & GOTV Captain, Coordinated Presidential Campaign, State College, PA

## Publications

1. Padilla, L., Castro, S., & **Hosseinpour, H.** (in press). A review of uncertainty visualization errors: Working memory as an explanatory theory. *The psychology of learning and motivation* (2021).  
<https://doi.org/10.1016/bs.plm.2021.03.001>

## Publications Under Review

1. Padilla, L., Dryhurst, S., **Hosseinpour, H.**, Kruczkiewicz, A. (second round review). Multiple hazard uncertainty communication challenges and paths forward.
2. Castro, S., **Hosseinpour, H.**, Quinan, S.P., Padilla, L. Examining Effort in 1D Uncertainty Communication Using Individual Differences in Working Memory and NASA-TLX.

## Manuscripts In Preparation

1. **Hosseinpour, H.**, Padilla, L., Howell, J. (in preparation). The effect of emotions on COVID-19 visualization interpretation.
2. Padilla, L., **Hosseinpour, H.**, Fygenson, R., Howell, J., Chunara, R., Bertini, E. (in preparation). COVID-19 Uncertainty Visualizations Change Judgments of Health Risk.

## Undergraduate Thesis

1. **Hosseinpour, H.** (2020). The effect of natural affect on availability and anchoring heuristics.  
<https://honors.libraries.psu.edu/catalog/6837hkh5126>

## Poster presentations

1. Castro, S., **Hosseinpour, H.**, Quinan, S.P., Padilla, L. Examining Effort in 1D Uncertainty Communication Using Individual Differences in Working Memory and NASA-TLX. Women in Statistics and Data Science Conference (to be presented).
2. **Hosseinpour, H.**, Padilla, L., Howell, J. (in preparation). The effect of emotions on COVID-19 visualization interpretation. Psychonomic Society Conference (to be presented).
3. **Hosseinpour, H.** (2020). The effect of natural affect on availability and anchoring heuristics. Poster presented at the Psi Chi Honor Society Research Conference. PSU. Pennsylvania.

4. **Hosseinpour, H.** (2018). Effect of mood and motive on usage of availability heuristics in thinking processes. Poster presented at Psi Chi Honor Society Research Conference at PSU: Pennsylvania. (received 3<sup>rd</sup> place award)

## Academic Honors

- **Schreyer Honors College of The Pennsylvania State University:** graduated with honors in Psychology, 2020
- **Paterno Fellows Program,** College of the Liberal Arts, PSU: Honors program where fellows completed advanced coursework, research, thesis, and internships. Fellows also studied ethics, leadership and increasing global awareness. 2016 – 20
- **Dean's List,** College of the Liberal Arts, PSU: 2016 – 20
- **William L. and Donna F. Oliver Trustee Scholarship,** College of the Liberal Arts, PSU: awarded to exemplary students, \$16,500, 2016 – 19
- **UP 4 Year Provost Fund,** PSU: awarded to exemplary students, \$16,000, 2016 – 20
- **Graham Open Doors Honors Scholarship,** Schreyer Honors College, PSU: awarded in recognition of academic accomplishments, \$2,744, 2020
- **Penn State Academic Grant:** \$1,200, 2016 – 17

## Leadership

- 5-week Leadership Challenge course: Leddin Group, 2020
- College of the Liberal Arts Student Senator: PSU Faculty Senate, 2018 – 20
- Liberal Arts Undergraduate Council Executive Board Member: PSU, 2018 – 20
- Presidential Leadership Academy: Part of an elite program with a goal of developing critical thinking and leadership skills. Took classes led by the president of the university and Dean of the Schreyer Honors College at Penn State. Took educational trips throughout the United States, interacting with policymakers and large corporations. Worked with peers and mentors to create a policy regarding the implementation of a Carbon Tax for businesses (the policy proposal can be found here: [https://academy.psu.edu/documents/current/policy-proposals/2018/carbon\\_reduction.pdf](https://academy.psu.edu/documents/current/policy-proposals/2018/carbon_reduction.pdf)). PSU, 2017 – 20

## Service

- Co-hosting Cognitive & Information Sciences Brownbag meetings: UC Merced, 2020
- Kind Question Contest Committee: UC Merced, 2020
- College of the Liberal Arts Elected Representative, Academic Affairs Committee: University Park Undergraduate Association (PSU Student Government), 2018 – 20
- Human Rights Global Brigades (Legal Empowerment Brigade): Learned about family legal cases, indigenous tribal laws, and legal empowerment tools. Worked on a family legal case, helping a mother who could not afford legal fees, and presented the case successfully to the local judge. Panama, 2018
- Elected At-Large Representative, Governmental Affairs Committee, Outreach Committee, Facilities Committee, Student Life Committee: PSU Student Government, 2017 – 18
- Penn State Welcome Week Committee: PSU, 2017 – 18
- LION Bash Committee: State College, PA, 2017
- First- Year Council: PSU Student Government, 2016 – 17
- Teaching Awards Selection Committee: PSU, 2016
- Fresh Start Day of Service: PSU, 2016

## Diversity and Inclusion

- Community Diversity Liaison: Represented PSU's Student Government at the Community Diversity Group (CDG) and Community and Campus in Unity (CCU), which are organizations at State College that promote diversity and inclusion. 2017-18

- Collaborated in creating a banner campaign to promote diversity throughout the university and the Borough: PSU Student Government, 2017-18
- Business Diversity Training Committee: PSU Student Government & State College, PA, 2017 – 18
- All-In Student Group: PSU, 2016 – 17
- Community Diversity Conference: CDG, State College, PA 2017
- Student Diversity Commission Panelist to the Committee on Academic Affairs and Student Life of Board of Trustees: PSU, 2017

## Conference participation

- Woman in Statistics and Data Science virtual conference (WSDS): 2020
- VIS2020 virtual conference: 2020
- Virtual Psychonomics conference: 2020
- Iranian American Medical Association: 2019
- American Psychological Association Annual Convention: 2017

## Membership

- Cognitive Science Society: 2020 – Current
- Phi Eta Sigma Honors Society: Chosen a first-year student to enter this honor society for high GPA and Academic Excellence, PSU, 2017 – 20
- Penn State International Affairs and Debate Association: PSU, 2016 – 17
- Penn State United Nations Campus Advocates: PSU, 2016 – 17
- Psi Chi Honors Society: PSU, 2018 – 20

## Mentorship

- University Park Undergraduate Association - (PSU Student Government): Mentored first-year students to learn to work within the association. 2018 – 19
- Mentored a first-year students who as a result was accepted into the Presidential Leadership Academy at Penn State. 2018 – 19

## Press

- Take the Lead Campaign: Chosen, as a student leader to appear on a university-wide poster campaign to encourage students to make healthy decisions and represent Penn State by becoming involved and standing up for themselves and others, PSU, 2018 -19

## Entrepreneurship activities

- Agricultural SpringBoard Competition: Worked on an entrepreneurial project by doing marketing and competitor analysis on an anaerobic digester scaled down for restaurant-level use, allowing restaurants to be able to cook dinner with the gas produced from the leftovers of the previous meals. Named "Food Renewed," as a potential future company, this project became the fourth best idea in this competition. PSU, 2019
- Office of Technology Management of Penn State University: On a team to start licensing procedures of a new invention created by Penn State's scientists to companies. Increased skills in design thinking, product licensing process, and analyzing patents. 2018