

**Emily Jensen**  
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**EDUCATION**      PhD in Computer Science and Cognitive Science  
University of Colorado Boulder      2018 - Present

BS in Mathematics, summa cum laude  
BA in Cognitive Science, summa cum laude  
Case Western Reserve University      2018

**RESEARCH**      Research Assistant Appointment  
University of Colorado Boulder      Fall 2018 - Present

Undergraduate Researcher  
REU at Florida Institute of Technology      Summer 2017

## PUBLICATIONS

### In Review

D'Mello, S.K., and **Jensen, E.** *Emotional Learning Analytics*. Submitted to Handbook of Learning Analytics.

Short paper submission to Educational Data Mining Conference.

Full paper submission to Educational Data Mining Conference.

### 2021

**Jensen, E.**, et al. *What You Do Predicts How You Do: Prospectively Modeling Student Quiz Performance Using Activity Features in an Online Learning Environment*. Proceedings of the Learning Analytics and Knowledge 2021 (LAK21) Conference. doi:10.1145/3448139.3448151

**Jensen, E.**, Pugh, S.L., and D'Mello, S.K. *A Deep Transfer Learning Approach to Automated Teacher Discourse Feedback*. Proceedings of the Learning Analytics and Knowledge 2021 (LAK21) Conference. doi:10.1145/3448139.3448168

### 2020

**Jensen, E.**, et al. (2020). *Toward Automated Feedback on Teacher Discourse to Enhance Teacher Learning*. Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2020). doi:10.1145/3313831.3376418

## 2019

**Jensen, E.**, Hutt, S., and DMello, S. K. (2019). *Generalizability of Sensor-Free Affect Detection Models in a Longitudinal Dataset of Tens of Thousands of Students*. Proceedings of the 12th International Conference on Educational Data Mining (EDM 2019). International Educational Data Mining Society. [link to paper]

## 2018

Bryan, K.J., Solomon, M., **Jensen, E.**, et al. (2018). *Classification of Rail Switch Data Using Machine Learning Techniques*. ASME/IEEE Joint Rail Conference, 2018 doi:10.1115/JRC2018-6175.

## PRESENTATIONS

### 2020

*Toward Automated Feedback on Teacher Discourse to Enhance Teacher Learning*. (April 15, 2020). Poster at CU Boulder Institute of Cognitive Science, Boulder, CO.

### 2019

*Generalizability of Sensor-Free Affect Detection Models in a Longitudinal Dataset of Tens of Thousands of Students*. (July 5, 2019). Conference talk at Educational Data Mining 2019 Conference, Montréal, Canada.

*Generalizability of Sensor-Free Affect Detection Models*. (April 18, 2019). Poster presentation at CU Boulder Graduate Research Expo, Boulder, CO. [won best presentation]

*Generalizability of Sensor-Free Affect Detection Models*. (April 12, 2019). Poster presentation at CRA-W Grad Cohort, Chicago, IL.

## TEACHING

### Spring 2021

CSCI 3202: Introduction to Artificial Intelligence. (Teaching Assistant)

### Fall 2020

CSCI 5100/6100: Computer Science Colloquium. (Teaching Assistant)

- Taught strategies for interacting with technical talks from a variety of research areas.

- Responsibilities included providing feedback on student responses and questions to the colloquium talks.

CSCI 6000: Introduction to the Computer Science PhD Program. (Teaching Assistant)

- Taught basic research skills and strategies to be successful in the program.
- Responsibilities included providing feedback on reading responses and organizing panels of current and recently graduated students.

## SERVICE AND LEADERSHIP

Computer Science Graduate Student Association  
*Representative to graduate student government* Fall 2018 - Spring 2019  
*Student member of faculty search committee* Spring 2019  
*Student member of department Graduate Committee* Fall 2019 - Spring 2020  
*Developed and analyzed survey of graduate student well-being* Spring 2019, 2020  
*Vice Chair* Spring 2020 - Fall 2020  
*Chair* Spring 2021 - Present

Graduate and Professional Student Government  
*Computer Science department representative* Fall 2018 - Spring 2019

- Served on travel awards committee
- Served on graduate housing advisory committee

*Graduate Senator to CU Student Government* Fall 2018 - Spring 2019  
*Director of Communications* Fall 2019 - Present

ACM International Conference on Multimodal Interaction  
*Conference Webchair* 2018

## OUTREACH AND MENTORSHIP

Masters Students  
 • Tetsumichi Umada 2019-2020

Undergraduate Students  
 • Xuefei Sun 2019

High School Students  
 • Conner Malley 2019

Graduate Peer Mentor 2019, 2020  
 Science Fair Judge at Colorado STEM Academy 2019, 2020

## AFFILIATIONS

Association for Computing Machinery/SIGCHI

Phi Beta Kappa Academic Honor Society, *Ohio Alpha Chapter*

Pi Mu Epsilon National Honorary Mathematics Society, *Ohio Sigma Chapter*

Phi Sigma Rho engineering sorority, *Omicron Chapter*

<b>HONORS AND AWARDS</b>	Graduate and Professional Student Government Travel Grant <i>University of Colorado Boulder</i>	2021
	Outstanding Service Award <i>University of Colorado Boulder</i>	2020
	Department Student Travel Award <i>University of Colorado Boulder</i>	2020
	Best Research Poster <i>University of Colorado Boulder</i>	2019
	Computer Science Departmental Fellowship <i>University of Colorado Boulder</i>	2018
	Webster Godman Simon Mathematics Award <i>Case Western Reserve University</i>	2018
	President's Commendation for outstanding service <i>Phi Sigma Rho National Sorority</i>	2017
	Phi Beta Kappa Prize for outstanding sophomore in liberal arts and sciences <i>Case Western Reserve University</i>	2016