

# JOSEPH BUREY

University of Minnesota

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## EDUCATION

<b>PhD in Educational Psychology</b> Psychological Foundations of Education University of Minnesota	2023-present
<b>MA in Educational Psychology</b> Psychological Foundations of Education University of Minnesota	2021-2023
<b>BSc (Honours) in Behaviour, Cognition, &amp; Neuroscience</b> University of Windsor	2015-2019

## SCHOLARLY INTERESTS

What Black students' psychological responses to identity-relevant textual representations reveal about the effectiveness of representing Blackness using critical contexts—inside the classroom and beyond.

## PUBLICATIONS

### Peer-Reviewed Journal Articles

DeJoseph, M. L., Carosella, K. A., & **NextGen Lead Mentors** (2023). Diversifying the academy through a peer-to-peer mentorship model: Insights and recommendations from the NextGen Psych Scholars Program (NPSP). *Journal of Diversity in Higher Education*. <https://dx.doi.org/10.1037/dhe0000504>

*Contributions:* NextGen Lead Mentor Consortium Co-author

Kim, J., **Burey, J.**, Hwang, H., McMaster, K. L., & Kendeou, P. (2023). Supporting inference-making during COVID-19 through individualized scaffolding and feedback: a natural experiment. *Reading & Writing*, 36, 467-490.

*Contributions:* Writing - original draft, writing - review & editing

Ly, A., Zemek, R., Wright, B., Zwicker, J., Schneider, K., Mikrogianakis, A., Conradi, A., Johnson, D., Clark, B., Barlow, K., **Burey, J.**, Kolstad, A., & Yeates, K. O. (2021). "What is the actual goal of the pathway?": Examining emergency department physician and nurse perspectives on the implementation of a pediatric concussion pathway using the theoretical domains framework. *BMC Health Services Research*, 21(119). doi:10.1186/s12913-021-06110-2

*Contributions:* Writing - original draft, writing - review & editing

### Conference Proceedings

**Burey, J.**, Kim, J., McMaster, K.L., Kendeou, P. (2022). Does it work for everyone? The effect of ELCII on kindergarteners' inference skill development. In C. Chinn, E. Tan, C. Chan, & Y. Kali (Eds.) *Proceedings of the 16th International Conference of the Learning Sciences 2022* (pp. 1329 - 1332). International Society of the Learning Sciences.

*Contributions:* Conceptualization, data curation, formal analysis, project administration, visualization, writing - original draft, writing - review & editing

### Accepted

**Burey, J.** (2025). American Fiction: Cultivating critical thinking through Black representation in film [Manuscript accepted with revisions]. *Black Camera*.

*Contributions:* Conceptualization, investigation, project administration, writing - original draft, writing - review & editing

**Burey, J.** (2025). Cultivating critical consciousness in Black education: Issues of misrepresentation and systemic resistance [Manuscript accepted with revisions]. *Journal of Negro Education*.

*Contributions:* Conceptualization, investigation, project administration, writing - original draft, writing - review & editing

### Under Review

**Burey, J.**, Kim, J., Kohli, N., McMaster, K.L., & Kendeou, P. (2025). The promise of computer-based literacy learning: The effect of ELCII on kindergarteners' inference skill development [Manuscript under review].

*Contributions:* Conceptualization, Data curation, formal analysis, visualization, writing - original draft, writing - review & editing

## In Preparation

**Burey, J., Stagnaro, K., Allen, L., Kendeou, P. (2026).** Changes to the AP African American Studies curriculum: A natural language processing investigation [Manuscript in preparation].

*Contributions:* Conceptualization, data curation, formal analysis, investigation, methodology, project administration, software, visualization, writing - original draft, writing - review & editing

**Burey, J. (2026).** Representation matters, but what type? Black students' responses to textual representations of Blackness [Manuscript in preparation].

*Contributions:* Conceptualization, data curation, investigation, project administration, writing - original draft, writing - review & editing

## CONFERENCE PRESENTATIONS & INVITED TALKS

**Burey, J., Stagnaro, K., Allen, L., Kendeou, P. (2025, August 7-9).** *Changes to the AP African American Studies curriculum: A natural language processing investigation* [Poster presentation]. American Psychological Association Convention 2025, Denver, CO, United States.

**Burey, J., (2025, April 25-27).** Representation matters, but what type? The influence of critical contexts on Black students' understandings and attributions of systemic racism [Roundtable]. 2025 American Educational Research Association Annual Meeting, Denver, CO, United States.

**Burey, J., Stagnaro, K., Allen, L., Kendeou, P. (2024, July 17-19).** *Changes to the AP African American Studies curriculum: A natural language processing investigation* [Poster presentation]. 2024 Annual Meeting of the Society for Text and Discourse, Chicago, IL, United States.

**Burey, J. (2024, July 11-14).** *Representation matters, but what type? Black students' psychological responses to textual representations of Blackness* [Poster presentation]. 26th Black Graduate Conference in Psychology, Ann Arbor, MI, United States.

Hwang, H., McMaster, K.M., Kendeou, P., Slater, S., Choi, S., Reno, E., **Burey, J.**, Harsch, R., Guha, M. (2024, July 10-13). *Enhancing K-5 students' literacy and knowledge through content-rich curricula: Using Inference Galaxy to build literacy skills and content knowledge in kindergarten* [Paper presentation]. Society for the Scientific Study of Reading 31st Annual Conference, Copenhagen, DK.

- Burey, J.,** Stagnaro, K., Allen, L., Kendeou, P. (2024, April 11-14). *Changes to the AP African American Studies curriculum: A natural language processing investigation* [Poster presentation]. 2024 American Educational Research Association Annual Meeting, Philadelphia, PA, United States.
- Morton, T.R., Coleman, C., **Burey, J.,** Morton, F., Bishara, K., Stewart, I., Ivey, A., Mustafaa, F.N., Davis, N.R., Osai, E., & White, A.M. (Discussant). (2024, April 11-14). Black Students' Psychological Responses to Ethnic-Specific Textbook Representations. In D. Gray (Chair), *Conceptualizing Black consciousness within motivation research* [Symposium]. 2024 American Educational Research Association Annual Meeting, Philadelphia, PA, United States.
- Morton, T. (Chair), Anderson, J., Patton Davis, L., Fenwick, L., & Artiles, A. (Participants), Riley, A., & **Burey J.** (Invited Questioners). (2024, April 11-14). *Investigating the past to understand the present and envision the future: A continued conversation on Brown*. [Invited speaker session]. 2024 American Educational Research Association Annual Meeting, Philadelphia, PA, United States.
- Burey, J.** (2024, March 1). *Changes to the AP African American Studies curriculum: A natural language processing investigation* [Poster presentation]. 2024 Educational Psychology Graduate Student Research Day, Minneapolis, MN, United States.
- Burey, J.** (2023, May 18-19). *Conceptualizing the effects of educational marginalization on academic disengagement among Black students* [Poster presentation]. 2023 Common Ground Consortium, Minneapolis, MN, United States.
- Burey, J.** (2023, April 13-16). *The Effects of educational marginalization on Black students' intellectual engagement* [Invited Speaker Session]. 2023 American Educational Research Association Annual Meeting, Chicago, IL, United States.
- Kendeou, P., McMaster, K.L., **Burey, J.,** Kim, J., Slater, S., Harsch, R., Reno, E., Stagnaro, K., Hwang, H., Choi, S. (2023, March 23). *A suite of language comprehension tools for grades K-2*. [Poster presentation]. College of Education and Human Development (CEHD) Research & Innovation Day, University of Minnesota, Minneapolis, MN, United States.
- Burey, J.** (2023, January 27). *Conceptualizing the effects of educational marginalization on academic disengagement among Black students* [Poster presentation]. 2023 Educational Psychology Graduate Student Research Day, Minneapolis, MN, United States.
- Burey, J.,** Johnson, V., Kendeou, P. (2022, November 17-20). *Who provided the correction? Gender and knowledge revision evaluations* [Poster presentation]. Psychonomic Society 63rd Annual Meeting, Boston, MA, United States.

- Burey, J., Samimi, C., Schmit, Z., Chandrasekharan, N.** (2022, November 3-4). *Digital Justice Ideathon: Creating space to make change in community* [Roundtable]. Data 4 Public Good 3rd Annual Conference, Virtual.
- Orcutt, E., Kendeou, P., McMaster, K., Reno, E., **Burey, J.**, Kim, J., Slater, S., Harsch, R., Stagnaro, K., Hwang, H., & Chen, C. (2022, October 20-21). *Inference Galaxy: A suite of language comprehension tools for grades K-2*. [Poster presentation]. Alaska School Psychologists Association Conference, Anchorage, AK, United States.
- Burey, J.**, Kim, J., McMaster, K.L., Kendeou, P. (2022, August 4-6). *From equality to equity: Assessing the promise of computer-based literacy learning* [Poster presentation]. American Psychological Association Convention 2022, Minneapolis, MN, United States.
- Hwang, H., Kim, J., **Burey, J.**, Wilke, B., Kendeou, P., & McMaster, K. (2022, August 4-6). *Supporting kindergarteners' inference-making: Are two media better than one?* [Paper Presentation]. American Psychological Association Convention 2022, Minneapolis, MN, United States.
- Hwang, H., Kim, J., **Burey, J.**, Kendeou, P., & McMaster, K.L. (2022, August 4-6). *Impact of language comprehension individualized instruction on kindergarteners' inference-making* [Poster presentation]. American Psychological Association Convention 2022, Minneapolis, MN, United States.
- Kim, J., Hwang, H., **Burey, J.**, Kendeou, P., & McMaster, K.L. (2022, August 4-6). *Supporting inference-making during COVID-19 through individualized instruction*. [Poster presentation]. American Psychological Association Convention 2022, Minneapolis, MN, United States.
- Kim, J., Hwang, H., **Burey, J.**, Kendeou, P., & McMaster, K.L. (2022, August 4-6). *Do students' inference-making skills transfer across different media?* [Poster presentation]. American Psychological Association Convention 2022, Minneapolis, MN, United States.
- Hwang, H., Kim, J., **Burey, J.**, Kendeou, P., & McMaster, K.L. (2022, July 19-21). *Does scaffolding support inference-making in primary-grade students?* [Poster presentation]. The 32nd Annual Conference of the Society for Text and Discourse, Atlanta, GA, United States.
- Burey, J.**, Kim, J., McMaster, K.L., Kendeou, P. (2022, July 13-16). *The effect of ELCII on kindergarteners' inference making: Does it work for everyone?* [Paper presentation]. Society for the Scientific Study of Reading 29th Annual Meeting, Newport Beach, CA, United States.
- Burey, J.**, Kim, J., McMaster, K.L., Kendeou, P. (2022, June 6-10). *Does it work for everyone? The effect of ELCII on kindergarteners' inference skill development* [Paper presentation]. International Society of the Learning Sciences Annual Meeting 2022, Hiroshima, Japan.

- Burey, J., Kim, J., McMaster, K.L., Kendeou, P.** (2022, April 27). *From equality to equity: Assessing the promise of computer-based literacy learning* [Paper presentation]. University of Minnesota First Year Fest, Minneapolis, MN, United States.
- Kendeou, P., McMaster, K.L., Reno, E.A., **Burey, J.**, Kim, J., Orcutt, E., Slater, S., Harsch, R., Stagnaro, K., Hwang, H., Chen, C. (2022, March 24). *Supporting early elementary students' reading comprehension development using Inference Galaxy* [Poster presentation]. College of Education and Human Development Research Day, Minneapolis, MN, United States.
- Burey, J., Kim, J., McMaster, K.L., Kendeou, P.** (2022, March 16). *From equality to equity: Assessing the promise of computer-based literacy learning* [Poster presentation]. Learning Informatics Lab Research Symposium, Minneapolis, MN, United States.
- Burey, J., Kim, J., McMaster, K.L., Kendeou, P.** (2022, February 4). *From equality to equity: Assessing the promise of computer-based literacy learning* [Poster presentation]. 2022 Educational Psychology Graduate Student Research Day, Minneapolis, MN, United States.
- Burey, J., & Abeare, C.A.** (2019, May 3). *The effect of sport-related concussion on emotion regulation in university athletes* [Poster presentation]. Ontario Psychology Undergraduate Thesis Conference 49th Annual Meeting, Waterloo, ON, Canada.

## HONORS & AWARDS

Doctoral Dissertation Fellowship Finalist, University of Minnesota	2025
National Finalist, AERA 2023 Shark Tank on Equity-Focused Research Designs	2023
Most Effective Research Design, UMN CEHD Research Day	2023
Student Research Award, Psychological Foundations of Education	2022
Gold Medallion Scholar, University of Windsor	2019
Residence Academic Achievement Award, University of Windsor	2016

## FUNDING

Society for Text & Discourse Student Travel Fund (\$285)	2024
AERA Annual Meeting Graduate Student Assistance Fund (\$500)	2024
Department of Educational Psychology Travel Grant (\$500)	2024
Psychological Foundations of Education Conference Travel Grant (\$500)	2024
Department of Educational Psychology Travel Grant (\$500)	2023
Psychological Foundations of Education Conference Travel Grant (\$500)	2023
Department of Educational Psychology Travel Grant (\$500)	2022
Psychological Foundations of Education Conference Travel Grant (\$500)	2022
Blue and Gold Entrance Scholarship, University of Windsor (\$1000)	2015

## TEACHING

<b>Lead Instructor</b> Psychology of Multiculturalism in Education University of Minnesota	2025
<b>Guest Lecturer</b> “Learning From Text,” Cognitive Psychology Research Methods Instructor: Dr. Jeffrey Bye California State University, Dominguez Hills	2024
<b>Teaching Assistant</b> Psychological Science Applied Instructor: Dr. Martin Van Boekel University of Minnesota	2022-2023
Mean Instructor Rating: 97.3% (5.84 / 6.00)	
<b>Senior Psychology Mentor</b> Intro to Psychology as a Social Science Instructor: Dr. Jill Singleton-Jackson University of Windsor	2019
<b>Teaching Assistant</b> Introduction to the Brain and Human Behavior Instructor: Dr. Laszlo Erdodi University of Windsor	2018-2019
<b>Senior Psychology Mentor</b> Intro to Psychology as a Behavioral Science Instructor: Dr. Jill Singleton-Jackson University of Windsor	2018

## RESEARCH

<b>Graduate Research Assistant</b> Early Language Comprehension Individualized Instruction (ELCII) Project PIs: Dr. Panayiota Kendeou and Dr. Kristen McMaster University of Minnesota	2021-present
<b>Program Assistant</b> The Canadian Childhood Nephrotic Syndrome (CHILDNEPH) Study PI: Dr. Susan Samuel University of Calgary	2020-2021

**School Lead Researcher** 2019-2020  
 SHRed Concussions Project  
 PI: Dr. Carolyn Emery  
 University of Calgary

**Research Assistant** 2018-2019  
 Cognitive Neuropsychology Lab  
 PI: Dr. Lori Buchanan  
 University of Windsor

**Research Assistant** 2017-2019  
 Experimental and Clinical Neuropsychology Lab  
 PI: Dr. Christopher Abeare  
 University of Windsor

**Research Assistant** 2018  
 Alberta Children's Hospital Research Institute  
 PI: Dr. Keith Yeates  
 University of Calgary

**Research Assistant** 2017  
 Adapted Physical Exercise for Adults with ASD-ID (APEX) Program  
 PI: Dr. Nadia Azar  
 University of Windsor

## **KNOWLEDGE TRANSLATION & CREATIVE WORKS**

**Research Poster Presenter** 2023  
 University of Minnesota Juneteenth Community Celebration

**Creator and Host** 2020-2021  
 The Insightful Thinkers Podcast  
 Select episodes: *Development of the Mind: Piaget and Vygotsky*, *Neuroplasticity*, *The Replication Crisis*, *The Milgram Experiment*, *Classical Conditioning*

## **SERVICE & OUTREACH**

**MotSIG GSC Mentor-Mentee Program Chair** 2023-present  
 American Educational Research Association

**NextGen Psych Scholars Program Lead Mentor** 2021-2024  
 University of Minnesota

**Juneteenth Celebration Organizing Committee** 2022  
 University of Minnesota



**Digital Justice Interdisciplinary Ideathon Fellow** 2021-2022  
University of Minnesota

**Reviewer** 2021  
International Society of the Learning Sciences Annual Meeting 2022

**Aphasia Conversation Group Facilitator** 2019  
Hôtel Dieu Grace Healthcare

**Psychology Department Council Undergraduate Representative** 2017-2018  
University of Windsor

**Science Advisor** 2016  
University of Windsor

## **PROFESSIONAL AFFILIATIONS**

**American Educational Research Association** 2022-present  
Division C: Learning and Instruction  
Research Focus on Black Education Special Interest Group (RFBE)  
Motivation in Education Special Interest Group (MotSIG)

**American Psychological Association** 2022-present  
Division 15: Educational Psychology