

JOSEPH BUREY

University of Minnesota

burey001@umn.edu

josephburey.org

651-900-1913

EDUCATION

PhD in Educational Psychology

2023-present

Psychological Foundations of Education

University of Minnesota

Dissertation: *Representation Matters, But What Type? The Influence of Critical Contexts on Black Students' Understandings and Attributions of Systemic Racism*

Committee: Pani Kendeou, Laura Allen, Juan Del Toro, Geoff Maruyama

MA in Educational Psychology

2021-2023

Psychological Foundations of Education

University of Minnesota

BSc (Honours) in Behaviour, Cognition, & Neuroscience

2015-2019

University of Windsor

SCHOLARLY INTERESTS

Black students' psychological responses to critically contextualized Black representations

PUBLICATIONS

Peer-Reviewed Journal Articles

Published

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

Accepted/ In Press

Burey, J. (2025). American Fiction: Cultivating critical thinking through Black representation in film [Manuscript accepted]. *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]. *Journal of Negro Education*.

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

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 accepted]. *Contemporary Educational Psychology*.

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

Under Review

Burey, J. (2025). Using Killer Mike’s “Reagan” to teach critical contexts about the War on Drugs and mass incarceration [Manuscript under review].

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

In Preparation

Burey, J., Stagnaro, K., Allen, L., Kendeou, P. (2025). 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

Conference Proceedings

Published

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

Book Reviews

Accepted/ In Press

Burey, J. (2025). Review of "Equity and Education Since Brown v. Board." [Manuscript forthcoming]. *Teachers College Record*.

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

FUNDING

| | |
|---|-----------|
| University of Minnesota Doctoral Dissertation Fellowship (\$25,000) | 2025 |
| University of Minnesota GradSEHD Travel Grant (\$250) | 2025 |
| Department of Educational Psychology Anti-Racist Action Award (\$250) | 2025 |
| College of Education and Human Development Jeanette Paul Scholarship (\$1000) | 2025 |
| Department of Educational Psychology Conference Travel Grant (\$500) | 2022-2025 |
| Psychological Foundations of Education Conference Travel Grant (\$500) | 2022-2025 |
| ST&D Walter Kintsch Student Travel Award (\$285) | 2024 |
| AERA Annual Meeting Graduate Student Assistance Fund (\$500) | 2024 |
| University of Windsor Blue and Gold Entrance Scholarship (\$1000) | 2015 |

HONORS & AWARDS

| | |
|--|------|
| 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 |

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.

TEACHING

Teaching Assistant 2025
Learning, Cognition, & Assessment
Instructor: Ananya Matewos
University of Minnesota

Lead Instructor 2025
Psychology of Multiculturalism in Education
University of Minnesota

Mean Instructor Rating: 96.2% (5.77 / 6.00)

Guest Lecturer 2024
“Learning From Text,” Cognitive Psychology Research Methods
Instructor: Dr. Jeffrey Bye
California State University, Dominguez Hills

Teaching Assistant 2022-2023
Psychological Science Applied
Instructor: Dr. Martin Van Boekel
University of Minnesota

Mean Instructor Rating: 97.3% (5.84 / 6.00)

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| Senior Psychology Mentor Intro to Psychology as a Social Science Instructor: Dr. Jill Singleton-Jackson University of Windsor | 2019 |
| Teaching Assistant Introduction to the Brain and Human Behavior Instructor: Dr. Laszlo Erdodi University of Windsor | 2018-2019 |
| Senior Psychology Mentor Intro to Psychology as a Behavioral Science Instructor: Dr. Jill Singleton-Jackson University of Windsor | 2018 |
| RESEARCH | |
| Research Assistant Early Language Comprehension Individualized Instruction (ELCII) Project PIs: Dr. Panayiota Kendeou and Dr. Kristen McMaster University of Minnesota | 2021-2025 |
| Program Assistant The Canadian Childhood Nephrotic Syndrome (CHILDNEPH) Study PI: Dr. Susan Samuel University of Calgary | 2020-2021 |
| School Lead Researcher SHRed Concussions Project PI: Dr. Carolyn Emery University of Calgary | 2019-2020 |
| Research Assistant Cognitive Neuropsychology Lab PI: Dr. Lori Buchanan University of Windsor | 2018-2019 |
| Research Assistant Experimental and Clinical Neuropsychology Lab PI: Dr. Christopher Abeare University of Windsor | 2017-2019 |

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: *Malcolm X: A Voice of Black Empowerment*, *The Origins of Jazz Music*, *The Harlem Renaissance*, *The Black Panther Party*

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