**Martin Van Boekel   
Curriculum Vitae**

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**CURRENT POSITION**

2022- Teaching Assistant Professor  
Post-Doctoral member of The Center for Cognitive Science  
University of Minnesota, Educational Psychology – Psychological Foundations   
Minneapolis, MN, USA

2018-2022 Lecturer  
Post-Doctoral member of The Center for Cognitive Science  
University of Minnesota, Educational Psychology – Psychological Foundations   
Minneapolis, MN, USA

**RESEARCH POSITIONS**

2017-2018 Research Scientist  
Search Institute   
Minneapolis, MN, USA

**ACADEMIC POSITIONS**

2016-2017 Post-Doctoral Researcher  
Project Leader: Jennifer Cromley, Educational Psychology   
University of Illinois, Champaign/Urbana, USA

**EDUCATION**

2016 PhD Educational Psychology – Psychological Foundations: Learning & Cognition  
 Minor: Cognitive Science  
 University of Minnesota, Minnesota  
 Dissertation: *Reducing Hindsight Bias: Tests of a Retrieval-Based Theory*

2011 MA Educational Psychology – Learning & Development  
University of Victoria, British Columbia  
Thesis: *Examining the relationship between achievement goal orientation and academic rumination*

2003 B.Ed Junior/Intermediate Education – Math Specialist  
Lakehead University, Ontario

2001 B.Sc Statistics  
University of Toronto, Ontario

**RESARCH INTERESTS**

Academic Feedback, Knowledge Revision, Learning and Memory, Prior Knowledge, Cognitive Processes Underlying Learning and Reasoning: Hindsight Bias

**GRANTS**

PI: *Exploring the Effect of Feedback on Learners’ Working Memory.* University of Minnesota, Department of Educational Psychology Indirect Cost Recovery Award: Approved 01/2022.

Co-PI: *Examining the Interaction Between Feedback Characteristics and Individual Socioemotional Factors on Future Task Engagement*. University of Minnesota, Department of Educational Psychology Indirect Cost Recovery Award: Approved 05/2020

Co-PI: *Leveraging Developmental Relationships with Teachers to Enhance Student Motivation.* Institute of Education Sciences Partnerships for Problems of Practice Grant: R305H17008 Sept. 2017 - 2018.

**PUBLICATIONS**

Note: “\*” indicates student co-author

**Van Boekel, M.,** \*Hufnagle, A., \*Weisen, S., & \*Troy, A. (2023). The feedback I want versus the feedback I need: Investigating students’ perceptions of feedback. *Psychology in Schools.*

Fechter, T., Dai, T., Cromley, J.G., Nelson, F. E., **Van Boekel, M**., & Du, Y. (2022). Developing a validity argument for an inference-making and reasoning measure for use in higher education. *Frontiers in Education*.

Cromley, J. G., Dai, T., Fechter, T. S., Nelson, F. E., **Van Boekel, M.,** &Yang, D. (2021). Development of a tool to assess inference-making and reasoning in Biology. *Journal of Microbiology & Biology Education.*

Cromley, J. G., Dai, T., Fechter, T., **Van Boekel, M.,** Nelson, F. E., & Dane, N. (2021). What cognitive interviewing reveals about a new measure of undergraduate biology reasoning. *Journal of Experimental Education, 89*(1), 145-168.

Cromley, J., Ma, S., **Van Boekel, M.,** & Dane, N. (2020). Pickup of causal language and inference during and after reading scientific text. *Reading Psychology, 41*(3), 157-182.

Scales, P., **Van Boekel, M.,** Pekel, K., Syvertsen, A., & Roehlkepartain, E. (2020). Effects of student-teacher developmental relationships on middle school students’ motivation and performance. *Psychology in the Schools, 57*, 646-677*.*

Scales, P. C., Pekel, K., Sethi, J., Chamberlain, R., & **Van Boekel, M.** (2020). Academic year changes in student-teacher developmental relationships and their linkage to middle and high school students’ motivation: A mixed methods study. *Journal of Early Adolescence, 40*(4), 499-536*.*

Beker, K., Kim, J., **Van Boekel, M.,** van den Broek, P., & Kendeou, P. (2019). Refutation texts enhance spontaneous transfer of knowledge. *Contemporary Educational Psychology, 56*, 67-78.

Kendeou, P., Butterfuss, R., Kim, J., & **Van Boekel, M.** (2019). Knowledge revision through the lenses of three-pronged approach. *Memory and Cognition, 47*(1), 33-46*.*

Dai, T., **Van Boekel, M.,** Cromley, J., Nelson, F., & Fechter, T. (2018). Using think-alouds to create a better measure of biology reasoning. *Sage Research Methods Cases.*

Varma, K., **Van Boekel, M.,** Varma, S. (2018). Middle school students’ approaches to reasoning about disconfirming evidence. *Journal of Educational and Developmental Psychology, 8*(1).

**Van Boekel, M.,** Varma, K., & Varma, S. (2018). Investigating hindsight bias: Lessons from using a think-aloud methodology in memory based research. *Sage Research Methods Cases.*

Kendeou, P., Butterfuss, R., **Van Boekel, M.,** & O’Brien, E. J. (2017). Integrating relational reasoning and knowledge revision during reading. *Educational Psychology Review, 29*(1), 27-29.

**Van Boekel, M.,** Kendeou, P., & Fletcher, C.R. (2017). Reading comprehension in the early years: Making the case for oral language. In J. A. León & I. Escudero (Eds.). *Current Trends in Reading Research.* Amsterdam, Netherlands: John Benjamins.

**Van Boekel, M.,** Lassonde, K. A., O’Brien, E. J., & Kendeou, P. (2017). Source credibility and the processing of refutation texts. *Memory and Cognition, 45*(1), 168-181.

**Van Boekel, M**., Varma, K., & Varma, S. (2017). A retrieval-based approach to eliminating hindsight bias. *Memory, 25,* 377-390.

Varma, K., Varma, S., **Van Boekel, M**., & Wang, J. (2017). Studying Individual Differences in a Middle School Classroom Context: Considering Research Design, Student Experience, and Teacher Knowledge. *Sage Research Methods Cases.*

**Van Boekel, M**., Bulut, O., Stanke, L., Palma Zamora, J, Jang, Y., Kang, Y., & Nickodem, K. (2016). Effects of participation in school sports on academic and social functioning. *Journal of Applied Development, 46*, 31-40.

McMaster, K, van den Broek, P., Espin, C., Pinto, V., Janda, B., Lam, E., Hsu, H., Jung, P., Bethel, A., & **Van Boekel, M**. (2015). Developing a reading comprehension intervention: Translating cognitive theory to educational practice. *Contemporary Educational Psychology, 40*, 28-40*.*

Maruyama, G., & **Van Boekel, M.** (2014). Action Research. In D. Dunn (Ed.). *Oxford Bibliographies in Psychology*. New York: Oxford University Press.

**Van Boekel, M.,** & Martin, J. M. (2014). Examining the relation between academic rumination and achievement goal orientation. *Individual Differences Research, 12(4-A)*, 153-169*.*

Under review

\*Christianti, D., \*Troy, A., & **Van Boekel, M**. *Strategies for educators to boost students’ understanding and use of feedback: What does it mean to have feedback-literate students?*

\*Christianti, D., & **Van Boekel, M.** *Supporting students’ uptake and use of feedback: A feedback literacy intervention.*

\*Troy, A., \*Christianti, A., Hunter, I., & **Van Boekel, M.** *A cross-cultural examination of elementary students’ perceptions of academic feedback.*

\*Troy, A., & **Van Boekel, M.** *Wise feedback and trust in higher education: A quantitative and qualitative exploration of undergraduate students’ experience with critical feedback.*

Varma, K., **Van Boekel, M.,** & Varma, S. *Executive function predictors of science achievement in middle-school students.* Revise and Resubmit.

**Van Boekel, M., \***Hufnagle, A., \*Weisen, S., \*Steadman, C., \*Christianti, D., \*Troy, A., \*Byun, C., & \*Wahyuni, I. *What do students remember about their assignment feedback?: Very little, and not what we would hope.*

**Van Boekel, M.,** Varma, K., & Varma, S. *Reconstructive vs. discriminative processes in hindsight bias: Evidence from a think-aloud study.* Revise and Resubmit.

Vo, H., **Van Boekel, M.,** Hsieh, K., & Huessemann-Odom, P. *Perception of space via virtual reality and think-aloud protocol: An exploration.*

**CONFERENCE PRESENTATIONS**

International & National Conferences

\*Troy, A., \*Moua, H., & **Van Boekel, M.** (2023). *BIPOC Undergraduate Experiences with Critical Feedback*. [Paper submitted for conference presentation]

\*Troy, A., **Van Boekel, M.** (2023). *Wise Feedback and Trust in Higher Education: A Conceptual Replication and Extension.* [Paper submitted for conference presentation]

\*Byun, C., \*Steadman, C., \*Hufnagle, A. S., \*Weisen, S., \*Christianti, D., \*Troy, A., \*Wahyuni, I., Stweart, J., & **Van Boekel. M.** (2023). *Examining students’ strategies for processing and using feedback: A think-aloud study.* Paper presentation at American Education Research Association Conference, Chicago, IL, United States.

\*Christianti, D. & **Van Boekel, M.** (2023). *Supporting students’ uptake and use of feedback: A feedback literacy intervention.* Poster to be presented at American Psychological Association Annual Meeting 2023, Washington D.C.

\*Christianti, D., \*Troy, A., & **Van Boekel, M**. (2023). *I want it that way: A cross-cultural investigation of primary school students' perceptions of feedback.* Poster presentation at American Education Research Association Conference, Chicago, IL, United States.

\*Weisen, S., \*Steadman, C., \*Hufnagle, A., \*Christianti, D., \*Troy, A., \*Wahyuni, I., \*Byun, C., Stewart, J., & **Van Boekel, M.** (2022, July). *“I can't tell if I did something good.”: Understanding student processing of academic feedback*. Paper presentation at The Society for Text and Discourse, Atlanta, GA, United States.

Vo, H., & **Van Boekel, M.** (2022, July). Virtual reality + think-aloud: Assessing user perceptions of the interior spaces. Paper presentation at The Society for Text and Discourse, Atlanta, GA, United States.

\*Steadman, C., \*Weisen, S., \*Hufnagle, A. S., \*Wahyuni, I., Bye, J., Rios, J. & **Van Boekel, M.** (2022, April). *Exploring the effect of feedback type on students’ working memory” A preliminary investigation.* American Psychological Association Conference, Minneapolis, MN, United States. [Nominated for top student paper award]

\*Wahyuni, I., \*Hufnagle, A. S., \*Weisen, S., \*Steadman, C., & **Van Boekel, M.** (2022, April). *Exploring the effects of contrasting cases and use of rubrics for students’ self-assessment: A preliminary investigation*. American Psychological Association Conference, Minneapolis, MN, United States.

\*Ristani, G., Varma, K., **Van Boekel, M.,** & Varma, S. (2022, July). *Understanding the factors influencing persistence: What can novices learn from experts?* Paper presentation at the International Society of the Learning Sciences Conference, Japan.

\*Weisen, S., \*Hufnagle, A., & **Van Boekel, M.** (2022, July).*Investigating students’ memory for feedback in a naturalistic classroom*. Paper presentation at the International Society of the Learning Sciences Conference, Japan.

\*Murtu, A., \*Abulela, M., & **Van Boekel, M.** (2022, April). *Path analysis between growth mindset and math achievement: A systematic review.*  Paper presentation at American Educational Research Association Conference, San Diego, CA, United States.

\*Hufnagle, A.S., **Van Boekel, M.,** & Maruyama, G. M. (2021). *Social-emotional predictors of students’ responses to academic stress: Investigating the multi-dimensionality of academic resilience*. American Educational Research Association Conference, Online.

**Van Boekel, M.,** \*Weisen, S., & \*Hufnagle, A. S., (2021). *Feedback in the wild: Discrepancies between academics’ and students’ views on the intended purpose and desired type of feedback.* International Society of the Learning Sciences Conference, Online.

\*Weisen, S., \*Hufnagle, A., & **Van Boekel, M**. (2021). *Investigating students’ memory for feedback in a naturalistic classroom: A preliminary examination of qualitative data*. American Educational Research Association Conference, Online.

Fechter, T., Dai, T., Cromley, J., **Van Boekel, M.,** Nelson, F. (2020). *Developing a validity argument for an inference-making and reasoning measure.* American Education Research Association conference, San Francisco, CA. (Conference canceled)

**Van Boekel, M.,** Wu, C., Scales, P., Sethi, J., Chamberlain, R., Syvertsen, A., Roehlkepartain, E., & Pekel, K. (2019). *Developmental relationships with teachers, parents, and friends: Differential impacts on academic experience and success.* Poster presented at the annual American Education Research Association conference, Toronto, ON.

Cromley, J. G., Balsai, M., Brooks, W., Dai, T., Davidson, Y., Kaplan, A., Mara, K., Perez, T., & **Van Boekel, M.** (2018). *The critical role of motivation when intervening in undergraduate biology student achievement.* Paper presented at the annual American Education Research Association conference, New York, NY.

Cromley, J. G., Fechter, T., **Van Boekel, M.**, Dai, T., Nelson, F., & Nurbanu Parpucu, A. (2018).  *Think-alouds provide supporting validity evidence: Expected cognitive processes are measured.* Poster presented at the Institute of Educational Sciences annual principal investigators meeting, Arlington, VA.

Cromley, J. G., Kaplan, A., Mara, K., **Van Boekel, M.,** Balsai, M., Dai, T., Perez, T., Brooks, W., & Davidson, Y. (2018). *Gains in undergraduate Biology student achievement from a combined cognitive-motivational intervention across multiple semesters.* Poster presented at annual National Association for Research on Science Teaching, Atlanta, GA.

Cromley, J. G., Ma, S., **Van Boekel, M.,** & Dane, A. (2018). *Pickup of causal language and inference during and after reading illustrated text.* Paper presented at the biennial Diagrams conference, Edinburgh, UK.

Fechter, T., Cromley, J. G., **Van Boekel, M.,** Dai, T., & Dane, A. (2018). *Biology Reasoning: The positive role of inference and the negative role of test-taking strategies.* Proposal presented at the annual American Education Research Association conference, New York, NY.

Lamm, R., Vue, K., Nickodem, K., Do, T., Rodriguez, M., & **Van Boekel, M.** (2018). *The role of out-of-school-time positive experiences on risky behaviors.* Paper presented at the annual American Education Research Association conference, New York, NY.

Nickodem, K., **Van Boekel, M.,** Kang, Y., Lamm, R., Rodriguez, M. (2018). *School and community sports participation and positive youth development: A multilevel analysis.* Paper presented at the annual American Education Research Association conference, New York, NY.

Roskopf, J., & **Van Boekel, M.** (2018). *Developmental relationships: A gateway to the assets and youth thriving.* Poster presented at the Society for Research on Adolescence, Minneapolis, MN.

**Van Boekel, M.,** & Roskopf, J. (2018). *Examining the presence of developmental relationships in the lives of LGBT youth.* Poster presented at the Society for Research on Adolescence, Minneapolis, MN.

Perez, T., Cromley, J., **Van Boekel, M.,** Kaplan, A., Mara, K., Balsai, M., & Dia, T. (2017). *Gains in undergraduate Biology student achievement from a combined cognitive-motivational intervention across multiple semesters.* Paper presented at annual Association for the Study of Higher Education Conference, San Antonio, TX.

Bauer, D., Varma, S., Varma, K., **Van Boekel, M.,** Worley, A., Quillien, J. B., Loiselle, T., & Patel, P. J. (2017). *The relationship between executive functions and science achievement.* Paper presented at the 39th Annual Meeting of The Cognitive Science Society, London, UK.

Bauer, D., Varma, S., Worley, A., Varma, K., Quillien, J. B., **Van Boekel, M.,** Patel, P., Loiselle, T., & Wang, J. (2016). *Measuring the hypothetico-deductive reasoning skills relevant to scientific reasoning using MastermindTM.* Paper presented at the annual American Education Research Association Conference, San Antonio, TX.

Kang, Y., **Van Boekel, M.,** Bulut, O., Nickodem, K., Palma Zamora, J., Vue, K., Jang, Y., & Rodriguez, M. (2017). *Interaction among gender, race/ethnicity, and school sports participation in youth development.* Paper presented at the annual American Education Research Association Conference, San Antonio, TX.

Nickodem, K., **Van Boekel, M.,** Vue, K., Rodriguez, M., Bulut, O., Palma Zamora, J., Kang, Y., & Jang, Y. (2017). *Investigating the role of support in athletes’ and non-athletes’ academic achievement: An SEM approach.* Paper presented at the annual American Education Research Association Conference, San Antonio, TX.

Quillien, J. B., Varma, K., **Van Boekel, M.,** & Patel, P. J. (2017). *Mastermind strategy discovery in middle schoolers related to scientific reasoning ability.* Poster presented at the Association for Psychological Science Conference, Boston, MA.

Varma, S., Bauer, D., Varma, K., **Van Boekel, M.,** Worley, A., Quillien, J. B., Loiselle, T., & Patel, P. J. (2017). *Executive functions predicts science achievement.* Poster presented at the Association for Psychological Science Conference, Boston, MA.

Nickodem, K., & **Van Boekel, M.** (2016). *School sports and positive youth development.* Paper presented at the Society for the Psychological Study of Social Issues Conference, Minneapolis, MN.

Palma Zamora, J., **Van Boekel, M.,** &Bulut, O. (2016). *After-school participation and the association with developmental outcomes.* Paper presented at the Society for the Psychological Study of Social Issues Conference, Minneapolis, MN.

Nickodem, K., **Van Boekel, M.,** Stanke, L., Palma Zamora, J., Vue, K., Bulut, O., Kang, Y., Chang, Y., & Rodriguez, M. C. (2016). *LGB students and school sports: A positive youth development approach.* Paper presented at the annual American Education Research Association Conference, Washington, DC.

**Van Boekel, M.** (2016). *Knowledge revision when reading refutation texts and strategic internet searching: A pilot study.* Paper presented at the annual American Education Research Association Conference, Washington, DC.

**Van Boekel, M.,** Butterfuss, R., & Kendeou, P. (2016). *Relational reasoning and knowledge revision.* Poster presented at the annual American Education Research Association Conference, Washington, DC.

**Van Boekel, M.,** Lassonde, K., O’Brien, E., & Kendeou, P. (2015, November). *Knowledge revision and source credibility: Reducing the impact of misconceptions.* Poster presented at the Psychonomic Society’s 56th Annual Meeting, Chicago, IL.

Beker, K., Kendeou, P., **Van Boekel, M**., & van den Broek, P. (2015, July). *Learning from texts: Do refutation texts enhance transfer of knowledge?*  Paper presented at the 25th annual meeting of the Society for Text and Discourse, Minneapolis, MN.

Mohsen, B., Albright, I., **Van Boekel, M**., & Kendeou, P. (2015, July). *Reading between the tweets: An investigation of social media prime on argument processing.* Poster presented at the 25th annual meeting of the Society for Text and Discourse, Minneapolis, MN.

**Van Boekel, M**., Kendeou, P., Lassonde, K., & O'Brien, E. (2015, July). *What’s source got to do with it?: Examining the role of source credibility in the processing of refutation texts.* Paper presented at the Annual Meeting of the Society for Text and Discourse, Minneapolis, MN.

Bulut, O., **Van Boekel, M.,** Stanke, L., Palma Zamora, J. R., Nickodem, K., Vue, K., Chang, Y., Latterell, N., & Rodriguez, M. C. (2015, April). *Effects of participation in school sports on academic and social outcome variables.* Paper presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

Kendeou, P., Albright, I., Quillien, J., & **Van Boekel, M**. (2015, April). *How does it happen? A moment-by-moment examination of knowledge revision during reading.* Poster presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

Medhanie, A., Stanke, L., Moore, E., Vanden Berk, E., & **Van Boekel, M.** (2015, April). *Not just free lunch: A SES variable with geolocation data.* Paper presented at the National Council on Measurement in Education Conference, Chicago, IL.

Moore, E., Stanke, L., & **Van Boekel, M**. (2015, April). *Randomized theory of intelligence and affirmation interventions on social emotional learning measures in schools.* Round table presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

Stanke, L., **Van Boekel, M.,** & Moore, E. (2015, April). *Persistence in school: Exploring the relationship between academic persistence and academic growth.* Poster presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

**Van Boekel, M.** (2015, April). The ghosts of memories replaced: Examining the memory distortion component of hindsight bias. In K. Varma (Chair), *The bright side of uncertainty, variability, forgetting, and bias: Re-thinking the cognitive processes involved in learning.* Symposium presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

Vue, K., **Van Boekel, M.**, et al. (2015, April). *Measuring ethnic diversity in schools.* Paper presented at presented at the Annual Meeting of the American Education Research Association Conference, Chicago, IL.

Bulut, O., **Van Boekel, M**., Palma Zamora, J., Stanke, L., & Rodriguez, M. C. (2014, April). *Investigating the effects of school sports on academic and social outcomes*. Paper presented at the Annual Meeting of the American Education Research Association Conference, Philadelphia, PA.

Varma, K., **Van Boekel, M.,** & Varma, S. (2014, April). *An individual differences study of the psychological bases of scientific reasoning.* Paper presented at the Annual Meeting of the American Education Research Association Conference, Philadelphia, PA.

Palma Zamora, J., **Van Boekel, M.,** et al. (2014, April). *Examining after-school activities: Do breadth and intensity matter?* Paper presented at the Annual Meeting of the American Education Research Association Conference, Philadelphia, PA.

Maruyama, G., & **Van Boekel, M**. (2013, April). *Using propensity score matching to assess outcomes of the STEP UP summer jobs program.* Round table paper presented at the Annual Meeting of the American Education Research Association Conference, San Francisco, CA.

**Van Boekel, M**., Maruyama, G., & Varma, S. (2013, April). *Stereotype threat and related cognitive processes: A pilot study.* Round table paper presented at the Annual Meeting of the American Education Research Association Conference, San Francisco, CA.

Varma, K., **Van Boekel, M.**, & Varma, S. (2012, July). *The neurocognitive, moral, and motivational components of scientific reasoning in adolescent students.* Paper presented at the Fourth Biennial Meeting of the International Society for the Psychology of Science and Technology, Pittsburgh, PA.

Martin, J., & **Van Boekel, M.** (2012, April). *Joining forces: Connecting the study of rumination and depression with the study of achievement goal orientation.* Round table paper presented at the Annual Meeting of the American Education Research Association Conference, Vancouver, BC.

Regional, Local, or Campus-wide Conferences

\*Christianti, D. & **Van Boekel, M.** (2023, January). *Supporting students’ uptake and use of feedback: A feedback literacy intervention.* Poster presented at the University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota

\*Christianti, D., \*Troy, A., & **Van Boekel, M.** (2022, February). *Students’ perceptions of feedback: A case study in the UK primary school*. Poster to be presented at the University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota. .

\*Ristani, G., \*Weisen, S., **Van Boekel, M**., & Bye, J. K. (2022, February). *Programming performance: The effect of feedback.*Poster to be presented at the University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.

\*Troy, A., \*Christianti, D., & **Van Boekel, M**. (2022, February). *Perceptions of feedback in early primary school.*Poster to be presented at the University of Minnesota Department of Educational Psychology Graduate Student Research Day, Minneapolis, Minnesota.

\*Weisen, S., \*Hufnagle, A.S., & **Van Boekel, M**. (2022, February). *Investigating students’ memory for feedback in a naturalistic classroom.* [Poster presentation]. Graduate Student Research Day for the College of Education and Human Development, University of Minnesota, Twin Cities.

\*Wahyuni, I., \*Hufnagle, A. S., \*Weisen, S., \*Steadman, C., & **Van Boekel, M**. (2022, February). *Exploring the effects of contrasting cases and use of rubrics for students’ self-assessment: A preliminary investigation*. [Poster presentation]. Graduate Student Research Day for the College of Education and Human Development, University of Minnesota, Twin Cities.

\*Weisen, S.,\* Hufnagle, A. S., & **Van Boekel, M**. (2021, February). *What do students remember about their assignment feedback? Very little, and not what we would hope.* Poster presentation at the University of Minnesota: College of Human Development Graduate Research Day, Online.

\*Hufnagle, A.S., **Van Boekel, M**., & Maruyama, G. (2020, February). *Identifying social-emotional factors that predict academic resilience.* Poster presentation at the University of Minnesota: College of Human Development Graduate Research Day, Minneapolis, MN.

\*Weisen, S., Bye, J., Rios, J., **Van Boekel, M**. (2020, February). *Personality as a factor in students’ perceived academic control and receptivity to feedback: A pilot study.* [Poster presentation]. Graduate Student Research Day for the College of Education and Human Development, University of Minnesota, Twin Cities.

Nickodem, K., **Van Boekel, M.,** Kang, Y, Chavez, C., & Rodriguez, M. (2018). *School and community sports participation and positive youth development: A multilevel analysis.* Poster presented at the College of Human Development Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M.** (2016).*Testing the retrieval-based theory of hindsight bias: Investigating the role of repeated testing in a modified hindsight bias task.* Poster presented at 4th Annual Midwest Meeting on Mathematical Thinking, University of Wisconsin-Madison, Madison, WI.

Varma, K., Varma, S., **Van Boekel, M.,** Bauer, D., Worley, A., Loiselle, T., Patel, P., & Quillien, J. B. (2016). *Unpacking the relationship between scientific reasoning and executive function.* Poster presented at 4th Annual Midwest Meeting on Mathematical Thinking, University of Wisconsin-Madison, Madison, WI.

**Van Boekel, M.** (2016). *Reducing hindsight bias: Tests of a retrieval-based theory.* Poster presented at Doctoral Research Showcase, University of Minnesota, Minneapolis, MN.

Varma, S., Varma, K., **Van Boekel, M.,** Loiselle, T., Worley, A., & Bauer, D. (2016). *The Brain Olympics: Examining Relationships Between Science Learning, Executive Function, and Motivation in Middle School Students.* Poster presented at College of Human Development Research Day, University of Minnesota, Minneapolis, MN.

Butterfuss, R., **Van Boekel, M**., & Kendeou, P. (2016, March). *The role of executive functions in knowledge revision.* Poster presented at College of Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Huberty, M., Varma, S., & **Van Boekel, M.** (2016, March). *The relationship between the size effect for comparison and the problem size effect for arithmetic.* Poster presented at College of Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Mohsen, B., Albright, I., **Van Boekel, M**., Newberg, B., & Kendeou, P. (2016, March). *Would a tweet have you sing differently? An experimental study comparing tweets and plain text on belief change and processing.* Poster presented at College of Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M.,** Varma, S., & Varma, K. (2016, March). *Tell me something good: Using a think-aloud to investigate the retrieval-based theory of hindsight bias.* Poster presented at College of Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Mohsen, B., Albright, I., **Van Boekel, M**., & Kendeou, P. (2015, March). *Reading between the tweets: An investigation of social media prime on argument processing.* Poster presented at College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Nickodem, K., Vue, K., Stanke, L., Rodriguez, M., **Van Boekel, M.,** Chang, Y., Palma Zamora, J., & Latterell, N. (2015, March). *Effect of school environment on high school students’ aspirations to attend a four-year college or university.* Poster presented at College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M**., Kendeou, P., Lassonde, K., & O’Brien, E. (2015, March). *Source credibility and the processing of refutation texts.* Poster presented at College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M.,** Varma, K., & Varma, S. (2014, July). *Ghosts of memories replaced: Examining the memory distortion component of hindsight bias.* Paper presentation at 2nd Annual Midwest Meeting on Mathematical Thinking, University of Wisconsin-Madison, Madison, WI.

**Van Boekel, M.,** Kendeou, P., Quillien, J., O’Brien, E., & Lassonde, K. (2014, March). *What’s source got to do with it?: Examining the role of source credibility in refutation texts.* Poster presented at the College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M.,** & Varma, K. (2014, March). *Ghosts of memories replaced: Examining the memory distortion component of hindsight bias.* Paper presentation at the College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Quillien, J., & **Van Boekel, M.** (2013, July). *Scientific reasoning, executive functions and creativity: When quantity leads to quality?* Poster presented at the 1st Annual Midwest Meeting on Mathematical Thinking, University of Minnesota, Minneapolis, MN.

Quillien, J., & **Van Boekel, M.** (2013, March). *Scientific reasoning, executive functions and creativity: When quantity leads to quality?* Poster presented at the CEHD Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M.** (2013, March). *Using propensity score matching to assess academic and social Outcomes of participation in school organized sports programs.* Poster presented at the CEHD Graduate Research Day, University of Minnesota, Minneapolis, MN.

**Van Boekel, M**., Maruyama, G., & Varma, S. (2012, March). *Stereotype threat and related cognitive processes: A pilot study.* Poster presented at the College of Education and Human Development Graduate Research Day, University of Minnesota, Minneapolis, MN.

Invited Talks

* First St. Paul Public Schools Evaluation Roundtable: Thinking about school climate/culture and school violence.
* St. Paul Public Schools - Assistant Superintendent and Athletic Directors: Examining the relationship between participation in school-organized sports and academic/social development.

**COURSES TAUGHT**

EPSY 1281: Psychological Sciences Applied (Enrollment ~160 students, 8 teaching assistants) Taught Fall 2018 –Spring 2023 (every semester)

EPSY 3301: Introduction to Educational Psychology (Enrollment ~35 students, 1 teaching assistant when enrollment permits) Taught Fall 2019, Fall 2020, Fall 2021, Fall 2022

EPSY 3119/5001: Learning, Cognition, and Assessment (Enrollment varies from 15 to 70 students, 3 teaching assistants) Taught Fall 2014; Spring 2015; Summer 2015; Fall 2018; Spring 2019; May 2019; July 2019, Spring 2020, May 2020, July 2020, Spring 2021, May 2021, July 2021, Spring 2022

EPSY 5114: Psychology of Student Leanring (Originally enrollment ~10 students, now enrollment is ~50 students) Taught Spring 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021, Fall 2022

EPSY 5157: Social and Developmental Psychology (Enrollment 10 students, now enrollment is ~60 students) Taught Fall 2019, Fall 2020, Spring 2022, Spring 2023

EPSY 8114: Motivation and Education (Enrollment 5 students) Taught Fall 2019, Spring 2020

EPSY 8905: History and Systems of Psychology (Enrollment 15 students) Taught Spring 2019

**FELLOWSHIPS, AWARDS, & HONORS**

2018- Center for Educational Innovation: “Thank a Teacher” program  
University of Minnesota  
Recipient of 12 letters

2015 Doctoral Dissertation Fellowship  
University of Minnesota

2015 Hauge Graduate Fellowship  
University of Minnesota, College of Education and Human Development

2015 Student Teacher of the Year  
University of Minnesota, Dept. of Educational Psychology, Psychological Foundations

2015 Division C (Learning and Instruction) Graduate Student Seminar  
American Educational Research Association: Division C

2014 Student Leader of the Year   
University of Minnesota, Dept. of Educational Psychology, Psychological Foundations

2014 Council of Graduate Students Travel Award  
University of Minnesota

2013 Student Researcher of the Year  
University of Minnesota, Dept. of Educational Psychology, Psychological Foundations

2013 Council of Graduate Students Travel Award  
University of Minnesota

2013 Robert and Corrie Beck Graduation Fellowship  
University of Minnesota, College of Education and Human Development

2011 Vera Flett Memorial Scholarship  
University of Victoria, Dept. of Educational Psychology

**PREVIOUS TEACHING EXPERIENCE**

University of Victoria

2010-2011 Teaching Assistant/Recitation Instructor   
EDD101 Learning Strategies  
Undergraduate Course

2010-2011 Teaching Assistant  
EDD301 Psychology for Pre-service Teachers (Elementary)  
Undergraduate Course

2010-2011 Learning Strategist  
Resource Centre for Students with a Disability  
Supported Graduate and Undergraduate Students

2009-2010 Teaching Assistant  
EDD401 Psychology for Pre-service Teachers (High School)  
Undergraduate Course

Non-University Teaching Experience

2008-2009 6th Grade Teacher & Head of Numeracy  
Olga Primary School, London, UK.

2004-2008 6th Grade Teacher & Head of Numeracy  
Manorfield Primary School, London, UK

2003-2004 Secondary School Teacher  
Thomas Tallis Secondary School, London, UK

**PROFESSIONAL ORGANIZATIONS**

American Educational Research Association

American Psychological Association, Division 15

Center for Cognitive Science: Post-Doctoral Member

The Psychonomic Society

The Society for the Psychological Study of Social Issues

**SERVICE**

University of Minnesota

* Coordinator of Psychological Foundations Biweekly Research Talks 2018-present
* Coordinator of Psychological Foundations Research Pool
* Coordinator of Contract Teaching Faculty Meeting 2022-present
* Lead and Founder of Talking about Teaching Talks 2023-present
* Psychological Foundation Representative: Professional Development and Recognition Committee 2022-present
* Psychological Foundation Representative: Undergraduate Graduate Advisory Committee 2019-Spring 2022
* Anti-Racist Action Council: Committee member: 2020-Spring 2022
* Member, Minnesota Student Survey Research Group: 2013 – 2019
* Student Representative, Psychological Foundations program, Educational Psychology Department: 2013 – 2014

Advising and Mentoring

*Undergraduate Research Opportunity Mentor*

* Changyoon Byun (UMN award recipient for work in research lab, Spring 2022)
* Hannah Lundquist (UMN award recipient for work in research lab, Spring 2022)
* Momo Abdi
* Hnubci Moua

*Masters committees*

* Suleiman Adan (primary advisor)
* Daheen Choi
* Devina Christianti (primary advisor)
* Alexandra Troy (primary advisor)

*PhD committees*

* Ali Fulsher
* Tai Do
* Ashley Hufnagle
* Sam Ihlenfeldt (external)
* Victoria Johnson
* Thuy Nguyen (external)
* Chris Steadman
* Shelby Weisen
* Jessa Wood (external)

*Graduated students’ committees*

* Reese Butterfuss (PhD)
* Reba Koenen (MA)
* Angela Hochstetter (MA)
* Jimin Park (MA)
* Hoa Vo (PhD, external)
* Yu-Chi Wang (PhD)
* Cat Stockley (BSc)
* Andrew Chang (MA)
* Amna Tufail (MA)
* Indah Wahyuni (MA)

Professional

* Occasional reviewer for journal of *Child Development, Child and Youth Services Review, Cognition and Instruction, Educational Research and Evaluation, Journal of Educational Psychology, Learning and Individual Differences,* and *Social Science Researcher.*

Community

* Student volunteer & Reflective Discussion Facilitator, Educational Equity in Action: A statewide convening at the University of Minnesota Conference, Minneapolis: Summer 2016 & 2017
* Volunteer Minneapolis Public Schools: Research, Assessment and Evaluation Department Spring: 2014 – 2015