

Dahwi Ahn

1347 Lagomarchino Hall, Iowa State University, Ames, IA 50010

Contact: dahn@iastate.edu

Education

- Ph. D.** Iowa State University, Ames, Iowa
Cognitive Psychology, Degree Expected 2024
Advisor: Dr. Jason C.K. Chan
- M.A.** Yonsei University, Seoul, South Korea
Educational Psychology, 2018
Advisor: Dr. Hee Seung Lee
- B.A.** Yonsei University, Seoul, South Korea
Business Administration, minor in Psychology, 2016

Research Interest

Learning, Memory, Learning strategies, Testing effect, Test-potentiated new learning, Online learning, Assessment of learning, Applying cognitive principles in education, Metacognition

Publications

- Chan, J. C. K. & **Ahn, D.** (in press) Reply to Newton: Missing the forest (correlation) for the trees (mean differences). *Proceedings of the National Academy of Sciences (PNAS)*.
- Ahn, D.**, & Chan, J. C. K. (in press). Does testing potentiate new learning because it enables learners to use better strategies? *Journal of Experimental Psychology: Learning, Memory, and Cognition*.
- St. Hilaire, K. J., Chan, J. C. K., & **Ahn, D.** (2023). Guessing as a learning intervention: A meta-analytic review of the prequestion effect. *Psychonomic Bulletin & Review*. Advance online publication.
- Chan, J. C. K. & **Ahn, D.** (2023) Unproctored online exams provide meaningful assessment of student learning. *Proceedings of the National Academy of Sciences (PNAS)*, 120 (31) e2302020120.
- Ahn, D.**, & Chan, J. C. K. (2022). Does testing enhance new learning because it insulates against proactive interference? *Memory & Cognition*, 50, 1664–1682.
- Chan, J. C. K., Manley, K. D., & **Ahn, D.** (2020). Does retrieval potentiate new learning when retrieval stops but new learning continues? *Journal of Memory and Language*, 115, 104-150.
- Ahn, D.**, & Lee, H. S. (2018). Metacognitive awareness, preference, and use of effective learning strategies in Korean undergraduates. *Korean Journal of Educational Psychology*, 32(3), 321-353.
- Lee, H. S., & **Ahn, D.** (2018). Testing prepares students to learn better: The forward effect of testing in category learning. *Journal of Educational Psychology*, 110(2), 203-217.

Ahn, D., & Lee, H. S. (2017). The relationship among grit, optimism, and affective-cognitive responses in the repeated failure situation. *Korean Journal of Social and Personality Psychology*, 31(4), 769-102.

Conference Presentations

- Ahn, D.**, & Chan, J.C.K. (November in 2023). *Talking head videos do not enhance learning, but might promote engagement depending on individual preference*. Presentation accepted at the annual 64th convention of the Psychonomic Society, San Francisco, CA.
- Ahn, D.**, Chan, J.C.K., Szpunar, K.K, Gill, H., & Assadipour, Z. (August in 2023). *Testing can potentiate learning in distracting online environments*. Presentation at Society For Applied Research In Memory And Cognition (SARMAC) XIV 2023, Nagoya, Japan.
- Assadipour, Z., **Ahn, D.**, Chan, J.C.K., Szpunar, K.K., & Gill, H. (2023). *Can testing enhance learning in distracting online environments?* Poster presented at the 95th annual Midwestern Psychological Association Conference, Chicago, IL.
- Ahn, D.**, & Chan, J.C.K. (2023). *Can online exams provide meaningful assessment of student learning?* Poster presented at the annual meeting of the National Council on Measurement in Education, Chicago, IL.
- Ahn, D.**, Lanning, T., Lyons, B., & Chan, J.C.K. (2023). *Does including instructor's face in videos help engagement and learning?* Poster presented at the 95th annual Midwestern Psychological Association Conference, Chicago, IL.
- Ahn, D.**, & Chan, J.C.K. (2022). *Can online Exams provide meaningful assessment of student learning?* Poster presented at the annual 63rd convention of the Psychonomic Society, Boston, MA.
- Ahn, D.**, Chan, J.C.K., Szpunar, K.K, Gill, H., O'Donnell, R., & Assadipour, Z. (2022). *Testing can potentiate learning in distracting online environments*. Poster presented at the annual 63rd convention of the Psychonomic Society, Boston, MA.
- Ahn, D.**, & Chan, J.C.K. (2022). *Are online exams as effective as in-person exams?* Poster presented at the 94th annual Midwestern Psychological Association Conference, Chicago, IL.
- Ahn, D.**, & Chan, J.C.K. (2021). *How does testing affect future learning strategies?* Poster presented at the annual convention of the Psychonomic Society (Presentation delivered virtually due to COVID-19)
- Ahn, D.**, Chan, J.C.K., & Heeren, J. (2020). *Does testing promote relational reasoning?* Poster presented at the annual convention of the Psychonomic Society, Austin, TX (Presentation delivered virtually due to COVID-19).
- Manley, K. D., Chan, J. C. K., & **Ahn, D.** (2019). *Testing potentiates new learning by changing strategy and increasing test expectancy*. Poster presented at the 60th annual convention of the Psychonomic Society, Montreal, Q.C.
- Ha, H., **Ahn, D.**, & Lee, H. S. (June 2018). *Metacognitive Judgments for Learning: The Effect of Metacognitive Judgments in Category Learning*, Paper presented at the 3rd conference of 2018, hold by the Korean Educational Psychology Association (KEPA).

Ahn, D., & Lee, H. S. (August 2017). *What Makes Gritty People Persist in the Face of Obstacles?* Poster presented at the 125th Annual American Psychological Association (APA) Convention, Washington, D.C.

Ongoing Research

Ahn, D., & Chan, J. C. K. Investigating the effect of instructor's presence and speaking speed in online lectures. *Working on manuscript.*

Ahn, D., Chan, J.C.K., Szpunar, K.K, Gill, H., & Assadipour, Z. Testing can improve online learning in distracting online environments (NSF grant 2017333). *Data collection completed.*

Ahn, D., Chan, J.C.K., Szpunar, K.K. Using interpolated testing to improve online learning of community college and university students. *Programming an experiment.*

Teaching Experience

Instructor of Record

Iowa State University

Psychology of Learning

Fall 2021

Research Design & Methodology

Summer 2023

Guest Lectures

Iowa State University

Cognitive Psychology – on effects of misinformation on memory

Spring 2022

Academic Learning Skills – on learning strategies and exam preparation

Spring 2022

Teaching Assistantships

Iowa State University

Cognitive Psychology

Spring 2022, Fall 2021, Spring & Fall 2020

Psychology of Language

Spring 2020

Introduction to Psychology

Fall 2019, Spring 2020

Yonsei University

Educational Psychology

Spring 2017, Spring 2016

Learning Science

Fall 2017

Tutoring (Seoul, South Korea)

Private English tutor

Sep 2014 – Mar 2019

Math instructor in private educational institute

Aug 2012 – July 2013

Scholarships & Honors

Campbell/Borgen International Travel Fund (\$2,896)

Spring 2023

Iowa State University, Department of Psychology

Paik Kee Kim Memorial Scholarship (\$500)

Spring 2023

Iowa State University, International Students and Scholars Office

Exceptional Research Productivity Award (\$100)

Spring 2023

Iowa State University, Department of Psychology

Outstanding Publication Award

Spring 2023

Iowa State University, Department of Cognitive Psychology

	Ahn, Sep 2023
Outstanding Empirical Journal Article Award <i>Iowa State University, Department of Psychology</i>	Spring 2022
WiCS Junior Researcher Networking Award (\$500) <i>Women in Cognitive Science</i>	Fall 2021
Exceptional Undergraduate Mentoring Award <i>Iowa State University, Department of Psychology</i>	Spring 2021
Bauman Summer Scholarship (\$1,541) <i>Iowa State University, Department of Psychology</i>	May 2020
Research Scholarship Grants (\$2,175) <i>Graduate School of Yonsei University</i>	May 2018
Research Support Scholarship (\$2,246, \$1,348) <i>Graduate School of Yonsei University, Department of Education</i>	Fall 2016
Highest Honor Student (Top 1% of Department) <i>Yonsei University</i>	Fall 2017
	Fall 2014

Service

Workshop

Does Instructor Presence in Online Lectures Enhance Student Engagement? <i>Center for Excellence in Learning and Teaching Workshop</i>	April 24 th , 2023
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Committee

Graduate Student Diversity Committee <i>Iowa State University, Department of Psychology</i>	Fall 2020 – Spring 2022
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Panel

Psychology Careers and Graduate School Panel <i>PsyChi Panel</i>	Oct 23rd, 2020
Research Panel <i>Orientation to Psychology</i>	Nov 9 th , 2020

Ad hoc reviewer

Journal of Memory and Language
Memory
Metacognition and Learning