

BROOKE N. MACNAMARA

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ACADEMIC APPOINTMENTS

Case Western Reserve University

Associate Professor (with tenure), Psychological Sciences	2019-present
Assistant Professor, Psychological Sciences	2014-2019

EDUCATION

Princeton University

PhD, Psychology	2014
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Princeton University

MA, Psychology	2010
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Union Institute & University

MA, Interdisciplinary Studies	2007
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Columbia College Chicago

BA, American Sign Language-English Interpretation	2001
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PUBLICATIONS

^u = undergraduate student; ^g = graduate student; ^p = postdoctoral advisee

30. **Macnamara, B. N.**, & Maitra, M. (2019). The role of deliberate practice in expert performance: Revisiting Ericsson, Krampe, & Tesch-Römer (1993). *Royal Society Open Science*, 6, 190327, 1-19. <https://doi.org/10.1098/rsos.190327>

29. Hambrick, D. Z. & **Macnamara, B. N.** (2019). More confusion about deliberate practice: Commentary on Miller et al. (2018). *High Ability Studies*, 1-4. <https://doi.org/10.1080/13598139.2019.1607723>

28. Frank, D. J., & **Macnamara, B. N.** (2019). Retrieval shifts in spatial skill acquisition are collective rather than item-specific. *Memory & Cognition*, 1-15.
<https://doi.org/10.3758/s13421-019-00937-1>
27. [§]Burgoyne, A. P., Nye, C. D., **Macnamara, B. N.**, Charness, N., & Hambrick, D. Z. (2019). The impact of domain specific experience on chess skill: Re-analysis of a key study. *American Journal of Psychology*, 132, 27-38.
<https://www.jstor.org/stable/10.5406/amerjpsyc.132.1.0027>
26. [§]King, M. J., [§]Katz, D. P., Thompson, L. A., & **Macnamara, B. N.** (2019). Genetic and environmental influences on spatial reasoning: A meta-analysis of twin studies. *Intelligence*, 73, 65-77. <https://doi.org/10.1016/j.intell.2019.01.001>
25. Moreau, D., **Macnamara, B. N.**, & Hambrick, D. Z. (2019). Overstating the role of environmental factors in success: A cautionary note. *Current Directions in Psychological Science*, 28, 28-33. <https://doi.org/10.1177/0963721418797300>
24. **Macnamara, B. N.**, & ^pFrank, D. J. (2018). How do task characteristics affect learning and performance? The roles of variably mapped and dynamic tasks. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 44, 764-778.
<https://doi.org/10.1037/xlm0000487>
23. ^uSisk, V. F., [§]Burgoyne, A. P., ^uSun, J., Butler, J. L., & **Macnamara, B. N.** (2018). To what extent and under which circumstances are growth mindsets important to academic achievement? Two meta-analyses. *Psychological Science*, 29, 549-571.
<https://doi.org/10.1177/0956797617739704>
22. Hambrick, D. Z., [§]Burgoyne, A. P., **Macnamara, B. N.**, & Ullén, F. (2018). Toward a multifactorial model of expertise: Beyond born versus made. *Annals of the New York Academy of Sciences*, 1423, 284-295. <https://doi.org/10.1111/nyas.13586>
21. **Macnamara, B.N.**, Hambrick, D. Z., ^pFrank, D. J., [§]King, M. J., [§]Burgoyne, A. P., & Meinz, E. J. (2017). The deliberate practice view: Inconsistent definitions, controversial claims, and empirical evidence. In D. Z. Hambrick, G. Campitelli, & **B. N. Macnamara** (Eds.), *The Science of Expertise: Behavioral, Neural, and Genetic Approaches to Complex Skill*. New York: Routledge.
20. Hambrick, D. Z., Campitelli, G., & **Macnamara, B. N.** (2017). Introduction: A brief history on the science of expertise and overview of the book. In D. Z. Hambrick, G. Campitelli, & **B. N. Macnamara** (Eds.), *The Science of Expertise: Behavioral, Neural, and Genetic Approaches to Complex Skill*. New York: Routledge.
19. ^pFrank, D. J., & **Macnamara, B. N.** (2017). Does the acquisition of spatial skill involve a shift from algorithm to memory retrieval? *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 43, 1845-1856.
<https://doi.org/10.1037/xlm0000429>

18. Hambrick, D. Z., [§]Burgoyne, A., Campitelli, G., & **Macnamara, B. N.** (2017). Working memory, thinking, and expertise. In L. J. Ball & V. A. Thompson (Eds.), *International Handbook of Thinking and Reasoning*. New York: Psychology Press.
17. **Macnamara, B. N.**, & [¶]Rupani, N. S. (2017). The relationship between intelligence and mindset. *Intelligence*, *64*, 52-59. <https://doi.org/10.1016/j.intell.2017.07.003>
16. [§]Sala, G., [§]Burgoyne, A., Campitelli, G., **Macnamara, B. N.**, Hambrick, D. Z., & Gobet, F. (2017). Checking the “academic selection” argument. Chess players outperform non-chess players in cognitive skills related to intelligence: A meta-analysis. *Intelligence*, *60*, 130-139. <https://doi.org/10.1016/j.intell.2017.01.013>
15. Gonthier, C., **Macnamara, B. N.**, [§]Chow, M., Conway, A. R. A., & Braver, T. S. (2016). Inducing proactive control shifts in the AX-CPT. *Frontiers in Psychology*, *7*, 1-14. <https://doi.org/10.3389/fpsyg.2016.01822>
14. [§]Burgoyne, A. P., [§]Sala, G., Gobet, F., **Macnamara, B. N.**, Campitelli, G., & Hambrick, D. Z. (2016). The relationship between cognitive ability and chess skill: A comprehensive meta-analysis. *Intelligence*, *59*, 72–83. <https://doi.org/10.1016/j.intell.2016.08.002>
13. **Macnamara, B. N.** & Conway, A. R. A. (2016). Working memory capacity as a predictor of simultaneous language interpreting performance. *Journal of Applied Research in Memory and Cognition*, *5*, 434–444. <https://doi.org/10.1016/j.jarmac.2015.12.001>
12. **Macnamara, B. N.**, Hambrick, D. Z., & Moreau, D. (2016). How important is deliberate practice? Reply to Ericsson (2016). *Perspectives on Psychological Science*, *11*, 355-358. <https://doi.org/10.1177/1745691616635614>
11. **Macnamara, B. N.**, Moreau, D., Hambrick, D. Z. (2016). The relationship between deliberate practice and performance in sports: A meta-analysis. *Perspectives on Psychological Science*, *11*, 333-350. <https://doi.org/10.1177/1745691616635591>
10. [§]Chow, M. A., **Macnamara, B. N.**, & Conway, A. R. A. (2016). Phonological similarity in working memory span tasks. *Memory & Cognition*, *1-13*. <https://doi.org/10.3758/s13421-016-0609-8>
9. Hambrick, D. Z., **Macnamara, B. N.**, Campitelli, G., Ullén, F., & Mosing, M. (2016). A new look at expertise: Beyond the experts are born vs. made debate. In B. Ross (Ed.), *Psychology of Learning and Motivation, Volume 64* (pp. 1-55). Oxford: Elsevier.
8. Hambrick, D. Z. & **Macnamara, B. N.** (2016). Expertise. In S. K. Whitbourne (Ed.), *The Encyclopedia of Adulthood and Aging* (1-6). Malden, Oxford: John Wiley and Sons.

7. [§]**Macnamara, B. N.**, Hambrick, D. Z., & Oswald, F. L. (2014). Deliberate practice and performance in music, games, sports, professions, and education: A meta-analysis. *Psychological Science*, 25, 1608-1618. <https://doi.org/10.1177/0956797614535810>
6. [§]**Macnamara, B. N.** & Conway, A. R. A. (2014). Novel evidence in support of the bilingual advantage: Influence of task demands and experience on cognitive control and working memory. *Psychonomic Bulletin & Review*, 21, 520-525. <https://doi.org/10.3758/s13423-013-0524-y>
5. Conway, A. R. A., [§]**Macnamara, B. N.**, & Engel de Abreu, P. M. J. (2013). Working memory and intelligence: An overview. In T. P. Alloway & R. G. Alloway (Eds.) *Working memory: The connected intelligence*. London: Psychology Press.
4. [§]**Macnamara, B. N.**, [§]Moore, A. B., & Conway, A. R. A. (2011). Phonological similarity effects in simple and complex span tasks. *Memory & Cognition*, 39(7), 1174-1186. <https://doi.org/10.3758/s13421-011-0100-5>
3. Conway, A. R. A., [§]Getz, S. J., [§]**Macnamara, B. N.**, & Engel de Abreu, P. M. J. (2011). Working memory and intelligence. In R. J. Sternberg & S. B. Kaufman (Eds.), *The Cambridge handbook of intelligence*. Cambridge, UK: Cambridge University Press.
2. [§]**Macnamara, B. N.**, [§]Moore, A. B., Kegl, J. A., & Conway, A. R. A. (2011). Domain-general cognitive abilities and simultaneous interpreting skill. *Interpreting*, 13, 121-142. <https://doi.org/10.1075/intp.13.1.08mac>
1. [§]**Macnamara, B. N.** (2009). Interpreter cognitive aptitudes. *Journal of Interpretation*, 2008-2009, 9-32. Reprint in *Journal of Interpretation* (2012), v. 19. <http://digitalcommons.unf.edu/joi/vol19/iss1/1>

CURRENT PROJECTS

^u = undergraduate student; [§] = graduate student

Manuscripts Under Review

[§]Burgoyne, A. P., & **Macnamara, B. N.** (resubmitted revision under review). How firm are the foundations of mindset theory? *Psychological Science*.

Macnamara, B. N., & Hambrick, D. Z. (resubmitted revision under review). Toward a cumulative science of Expertise: Commentary on Moxley, Ericsson, and Tuffiash (2017). *Psychological Research*.

[§]Jiang, H., & **Macnamara, B. N.** (under review). Dual mechanisms of cognitive control theory: Are the markers of proactive and reactive control reliable? *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

Frank, D. J., & **Macnamara, B. N.** (under review). How do task characteristics affect learning and performance? The roles of simultaneous, interactive, and continuous tasks. *Psychological Research*.

Frank, D. J., Demaree, H.A., & **Macnamara, B. N.** (under review). The role of individual differences in risk learning: Who learns to place optimal wagers? *Learning & Motivation: Individual Differences*.

Manuscripts Currently Being Drafted

[§]King, M. J., & **Macnamara, B. N.** (drafting manuscript). Three visual working memory representations simultaneously control attention.

[§]Burgoyne, A. P., & **Macnamara, B. N.** (drafting manuscript). The reliability and validity of the Mindset Assessment Profile tool.

^uDaniels, J. S., Moreau, D., & **Macnamara, B. N.** (drafting manuscript). Learning and transfer in problem solving progressions.

Güllich, A., **Macnamara, B. N.**, & Hambrick, D. Z. (drafting manuscript). Predicting elite sports performance: A meta-analysis.

Studies in the Data Collection Phase

Macnamara, B. N., Cavosoglu, M. C., [§]Bloostein, A. L., & Ray, S. (collecting data). Does artificial intelligence assistance promote skill atrophy in a visual search task?

Frank, D. J., [§]Burgoyne, A. P., Hambrick, D. Z., & **Macnamara, B. N.** (collecting data). How do dynamic tasks affect learning and performance?

Reimer, A., & **Macnamara, B. N.** (collecting data). Cognitive ability predictors of flight nurse skill acquisition.

Frank, D. J., & **Macnamara, B. N.** (collecting data). How much information is needed to shift from an algorithm to retrieval in a dynamic, spatial task?

[§]Burgoyne, A. P., & **Macnamara, B. N.** (coding data). Do growth mindset interventions work? A meta-analysis of best practices in mindset interventions.

Frank, D. J., [§]King, M. J., [§]Dennard, C., & **Macnamara, B. N.** (collecting data). Combining the combine: Finding the best combination of the National Football League's combine measures to increase predictive validity.

Studies in the Design Phase

Cavosoglu, M. C., ^uCampbell, C. A., **Macnamara, B. N.**, & Ray, S. (designing experiment).
Does artificial intelligence assistance hinder skill acquisition in a perceptual-motor task?

Frank, D. J., & **Macnamara, B. N.** (designing experiment). Adjusting current theories of skill acquisition to include dynamic, spatial tasks.

GRANTS AND AWARDS

National Science Foundation, Planning Grant <i>FW-HTF-P: Clinical Skill Acquisition, Retention and Atrophy with Artificial Intelligence Aids</i> Co-PI: Brooke N. Macnamara, PI: Soumya Ray	\$150,000	2020
Women in Cognitive Science Travel and Networking Award <i>Networking, Research, and Building a Mentorship Repertoire</i> Runner-up: Brooke N. Macnamara	----	2016
Nord Grant <i>Music Theory and Psychological Science Education</i> PI: Brooke N. Macnamara	\$3,571	2015-2016
W. P. Jones Presidential Faculty Development Fund Award <i>Motor Control in American Sign Language</i> Co-PI: Brooke N. Macnamara; Co-PI: Jennell Vick	\$8,017	2014-2015
National Science Foundation <i>Doctoral Dissertation Research: A Novel Approach to Investigate Psychological Processes in Language: Contrasting Bilinguals and Interpreters</i> Co-PI: Brooke N. Macnamara; PI: Andrew R. A. Conway	\$14,139	2013-2015
Princeton University, Graduate College <i>Graduate Writing Days</i> Program Founder: Brooke N. Macnamara	\$23,661	2011-2014
Princeton University, Graduate Student Government <i>Graduate Writing Days Expansion</i> Program Founder: Brooke N. Macnamara	\$1,250	2013-2014
Carnegie Mellon, 36th Carnegie Symposium on Cognition <i>Travel Fellowship</i> Recipient: Brooke N. Macnamara	\$350	June, 2009

Awards Under Review or In Preparation

<p>National Science Foundation <i>Characterizing individual learner variation and the impact of high-fidelity simulation training</i> co-PI: Brooke N. Macnamara; PI: Andrew Reimer</p>	<p>\$576,202 under review</p>
<p>National Science Foundation, Research Grant <i>FW-HTF-R: Skill Acquisition, Retention and Atrophy with Artificial Intelligence Assistance</i> Co-PI: Brooke N. Macnamara, PI: Soumya Ray</p>	<p>~\$1,500,000 in preparation</p>

HONORS AND MEMBERSHIPS

Nominee	<p><i>J. Bruce Jackson, M.D., Award for Excellence in Undergraduate Mentoring</i> University-wide faculty award, Case Western Reserve University</p>	2019
Nominee	<p><i>John S. Diekhoff Award for Distinguished Graduate Student Teaching</i> University-wide faculty award, Case Western Reserve University</p>	2018
Member	Society for the Improvement of Psychological Science	since 2018
Rising Star	<p>Association for Psychological Science "The Rising Star designation recognizes outstanding psychological scientists in the earliest stages of their research career post-PhD whose innovative work has already advanced the field and signals great potential for their continued contributions." – Association for Psychological Science</p>	2017
Fellow	<p>Psychonomic Society "[T]he Fellows program recognizes members who demonstrate clear evidence of independent scholarship, active engagement in methodologically rigorous and theoretically interesting high level research, and indications of an imminent national/international reputation for excellence in the psychological sciences." – Psychonomic Society</p>	since 2017
Member	Association for Psychological Science	since 2014
Member	Midwestern Psychological Association	since 2014

EDITORIAL AND REVIEWER POSITIONS

Guest co-editor for a special issue on open science and reproducibility in expertise research:

- *Journal of Expertise* 2019

Panelist reviewer for the following organization:

- National Science Foundation –
Social, Behavioral, and Economic Sciences Directorate 2019

Associate Editor for the following journal: 2018–present

- *Journal of Expertise*

Consulting Editor for the following journal:

- *Journal of Experimental Psychology: Learning, Memory & Cognition* 2016–present
- *Journal of Experimental Psychology: General* 2016-2018, 2019-present

Co-editor of the following book:

- *The Science of Expertise: Behavioral, Neural, and Genetic Approaches to Complex Skill* (Rutledge's *Frontiers of Cognitive Psychology* series) 2016-2018

Guest Academic Editor for the following journal:

- *PLOS One* 2018

Reviewer for the following book publisher:

- Sage (multivariate statistics textbook) 2016

Ad hoc funding reviewer for the following organizations:

- Narodowe Centrum Nauki (National Science Centre [Poland]) 2017
- National Science Foundation – Perception, Action, and Cognition Program 2015
- National Science Foundation – Linguistics Program 2015
- Université de Toulouse: Initiative d'Excellence (University of Toulouse: Excellence Initiative) 2015
- National Center of Science and Technology Evaluation (branch of the Ministry of Education and Science of Kazakhstan) 2014

Ad hoc reviewer for the following journals:

- *Acta Psychologica*
- *Applied Cognitive Psychology*
- *Behavior Research Methods*
- *Brain and Language*
- *European Journal of Sports Science*
- *High Ability Studies*
- *International Journal of Bilingualism*
- *International Journal of Sports Science and Coaching*
- *Journal of Applied Research on Memory and Cognition*
- *AERA Open*
- *Applied Psycholinguistics*
- *Bilingualism: Language & Cognition*
- *Brain Sciences*
- *Frontiers in Psychology*
- *Intelligence*
- *Interpreting*

- *Journal of Cognitive Enhancement*
- *Journal of Sports Science*
- *Learning and Individual Differences*
- *Memory & Cognition*
- *Perspectives on Psychological Science*
- *Psychological Science*
- *Journal of Memory and Languages*
- *Language Learning*
- *Memory*
- *Nature*
- *PLOS One*
- *The Modern Language Journal*

TEACHING

Case Western Reserve University

PSCL 453: Seminars in Psychology	2019
PSCL 375: Research Design and Analysis (1-2 course sections per semester)	2014-2019
PSCL 408: Research Design and Quantitative Analysis II (each Spring Semester)	2015-2019
PSCL 404: Learning Theory	2016

Princeton University (precept or lab instructor)

PSY 251: Quantitative Methods	2012-2013
PSY 317: Health Psychology	2012
PSY 101: Introduction to Psychology	2010
PSY/NEU 306: Memory and Cognition	2010
PSY 207: Abnormal Psychology	2009

DEPARTMENT AND UNIVERSITY SERVICE

Director of the Developmental, Cognitive, and Affective Sciences PhD Program Department of Psychological Sciences	2019-present
W.P. Jones Junior Faculty Fellowship Review and Selection committee member College of Arts & Sciences	2019-present
Website and Social Media Committee member Department of Psychological Sciences	2018-present

Awards Committee member Department of Psychological Sciences	2017-present
Speaker Series Committee chair Department of Psychological Sciences	2015-present

ADVISING AND SUPERVISING

Primary advisor to PhD students (current: 2)	2015-present
Primary advisor for Honors Senior Capstone Independent Studies (total: 10)	2015-present
Primary advisor for undergraduate Independent Studies (total: 15)	2015-present
Primary advisor for graduate Independent Studies (total: 2)	2015-present
Academic advisor to undergraduate psychology majors (~10/semester)	2014-present
Supervisor of undergraduate research assistants (2-9/semester)	2015-present
Master's thesis committee member (Psychology total: 8)	2014-present
Dissertation committee member (Psychology: 9; Nursing: 1; Biomedical Engineering: 1; Accounting: 1)	2014-present
Primary advisor to a post-doctoral scholar	2015-2017
Supervisor of part-time research assistants (total: 2)	2014-2017
Research internship advisor to doctoral students (total: 2), Gallaudet University	2014-2016
Supervisor of undergraduate research assistants (total: 12), Princeton University	2009-2014

PRESENTATIONS AND SYMPOSIA

^u = undergraduate student; ^g = graduate student; ^p = postdoctoral advisee

Macnamara, B. N. (2019, February). *Examining predictors and theories of skilled performance variance*. Invited presentation at Cleveland State University's Psychology Department Viking Series, Cleveland, OH.

Macnamara, B. N. (2018, November). *Predictors and theories of skilled performance*. Spoken presentation at the annual meeting of the Psychonomic Society, New Orleans, LA.

- ^uDaniels, J. S., Moreau, D., & **Macnamara, B. N.** (2018, November). *Learning and learning transfer in problem-solving progressions*. Poster presentation at the annual meeting of the Psychonomic Society, New Orleans, LA.
- Frank, D. J., & **Macnamara, B. N.** (2018, November). *Item-specific improvements in spatial skill acquisition: Algorithmic speedup or shift to retrieval?* Poster presentation at the annual meeting of the Psychonomic Society, New Orleans, LA.
- [§]Jiang, H., & **Macnamara, B. N.** (2018, November). *The influence of context processing demands on cognitive control*. Poster presentation at the annual meeting of the Psychonomic Society, New Orleans, LA.
- [§]King, M. J., & **Macnamara, B. N.** (2018, November). *Capacity of visual working memory during visual search*. Poster presentation at the Object Perception, Attention, and Memory annual conference, New Orleans, LA.
- Macnamara, B. N.** (2018, September). *Examining popular theories for why some people are more successful than others: Similarities in trends from cognitive and social psychology*. Invited presentation to the Psychology Department at Claremont Graduate University, Claremont, CA.
- Macnamara, B. N.** (2018, September). *How important are growth mindsets to achievement?* Invited presentation to the Psychology Department at University of British Columbia, Vancouver, BC.
- Macnamara, B. N.** & [§]Burgoyne, A. P. (2018, May). *How important are growth mindsets to learning and achievement?* Symposium at the annual convention of the Association for Psychological Science, San Francisco, CA.
- Macnamara, B. N.**, [§]Burgoyne, A. P., & [§]Sisk, V. F. (2018, May). *To what extent and under which circumstances are growth mindsets important to academic achievement?* Two meta-analyses. Presented at the annual convention of the Association for Psychological Science, San Francisco, CA.
- [§]King, M. J., [§]Katz, D. P., Thompson, L. A., **Macnamara, B. N.** (2017, November). *The genetic influence of spatial reasoning: A meta-analysis*. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, ON.
- ^pFrank, D. J. & **Macnamara, B. N.** (2017, November). *How task characteristics and cognitive resources interact to predict learning and performance: Sequential and simultaneous task environments*. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, ON.
- Macnamara, B. N.** (2017, May). *Impacts of strategy use on performance*. Symposium at the annual convention of the Association for Psychological Science, Boston, MA.

- [§]Kotynski, A. E., Demaree, H. A., [¶]Frank, D. J., & **Macnamara, B. N.** (2017, May). *The impact of emotion on explore versus exploit strategies*. Presented at the annual convention of the Association for Psychological Science, Boston, MA.
- [¶]Frank, D. J., & **Macnamara, B. N.** (2017, May). *Algorithm to memory retrieval strategy shifts during spatial skill acquisition*. Presented at the annual convention of the Association for Psychological Science, Boston, MA.
- [§]Katz, D. P., **Macnamara, B. N.**, & Thompson, L. A. (2016, November). *Fractionating working memory*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- [§]King, M. J., & **Macnamara, B. N.** (2016, November). *The effects of cognitive load on distractor interference*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- [§]King, M. J., [§]Katz, D. P., & **Macnamara, B. N.** (2016, November). *The genetic influence of spatial reasoning: A meta-analysis*. Poster presented at the annual meeting of Object, Perception and Memory, Boston, MA.
- [¶]Frank, D. J., & **Macnamara, B. N.** (2016, November). *How task characteristics and cognitive resources interact to predict performance: Learning in a static versus a dynamic task environment*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- Macnamara, B. N.** & Hambrick, D. Z. (2016, May). *The science of expertise*. Symposium at the annual convention of the Association for Psychological Science, Chicago, IL.
- [¶]Frank, D. J., & **Macnamara, B. N.** (2016, May). *Does the acquisition of spatial skill involve a shift from algorithm to memory retrieval?* Poster presented at the annual conference of the Association for Psychological Sciences, Chicago, IL.
- Macnamara, B. N.** & Hambrick, D. Z. (2016, May). *Skill acquisition and expertise*. Invited symposium at the annual conference at the Midwestern Psychological Association, Chicago, IL.
- [¶]Frank, D. J., & **Macnamara, B. N.** (2016, May). *Does spatial skill acquisition benefit from a shift from algorithm to memory retrieval?* Spoken presentation at the annual conference of the Midwestern Psychological Association, Chicago, IL.
- Macnamara, B. N.** & [¶]Frank, D. J. (2016, May). *The role of task demands in predicting performance*. Spoken presentation as part of an invited symposium at the annual conference of the Midwestern Psychological Association, Chicago, IL.

- Macnamara, B. N.** & Conway, A. R. A. (2016, March). *Cognitive abilities and bilingual management demands*. Poster presented at the Midwestern Psychological Association, Chicago, IL.
- Macnamara, B. N.** (2016, March). *Working memory capacity as a predictor of simultaneous interpreting performance*. Presentation for a symposium at the Southern Society for Psychology and Philosophy Conference, Louisville, KY.
- Macnamara, B. N.** (2015, September). *Deliberate practice in sports*. Invited presentation to the Case Western Reserve University Women's Tennis Team, Cleveland, OH.
- Macnamara, B. N.**, Moreau, D., & Hambrick, D. Z. (2015, May). *How important is deliberate practice for sports? A meta-analysis*. Poster presented at the 27th Association for Psychological Science Annual Convention, New York, NY.
- Macnamara, B. N.** (2014, October). *Predictors of performance across domains and within bilingualism*. Invited presentation to the Psychology Department at University of Illinois-Chicago, Chicago, IL.
- Macnamara, B. N.** (2014, October). *The role of deliberate practice as part of the nature-nurture debate*. Invited presentation to the Biology Department at Case Western Reserve University, Cleveland, OH.
- Macnamara, B. N.** (2014, September). *The Role of Deliberate Practice in Sports*. Invited presented to the coach faculty at Case Western Reserve University, Cleveland, OH.
- Macnamara, B. N.** (2014, September). *Predictors of performance across domains and within bilingualism*. Presented at the Schubert Center for Child Studies annual networking dinner, Cleveland, OH.
- [§]**Macnamara, B. N.** (2014, April). *Interpreting and cognition*. Invited presented at the American Sign Language-English Interpretation program at LaGuardia Community College, Queens, New York.
- [§]**Macnamara, B. N.** & Conway, A. R. A. C. (2014, March). *Cognitive enhancement from sign language interpreting: The interpreter advantage*. Presented at the International Symposium on Signed Language Interpretation and Translation Research, Gallaudet University, Washington, D.C.
- [§]**Macnamara, B. N.** (2014, January). *Skill acquisition and expertise across domains and within bilingualism*. Invited presentation to the Department of Psychological Sciences at Case Western Reserve University, Cleveland, OH.
- [§]**Macnamara, B. N.**, Hambrick, D. Z., & Oswald, F. L. (2013, November). *Deliberate practice and performance in music, games, sports, professions, and education: A meta-analysis*. Poster presented at the annual meeting of the Psychonomic Society, Toronto, ON.

- §**Macnamara, B. N.** (2013, October). *Skill acquisition and expertise across domains and within bilingualism*. Invited presentation to the Department of Psychology at the University of Chicago, Chicago, IL.
- §**Macnamara, B. N.**, & Conway, A. R. A. (2013, May). *Behind the bilingual advantage: Cognitive enhancements depend on magnitude of bilingual demands*. Poster presented at the 25th Association for Psychological Science Annual Convention, Washington, DC.
- §Chow, M. A., §**Macnamara, B. N.**, & Conway, A. R. A. (2012, November). Phonological similarity effects in complex working memory span. Poster presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.
- §**Macnamara, B. N.**, & Conway, A. R. A. (2012, November). *Beyond bilingual: The interpreter advantage*. Poster presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.
- §**Macnamara, B. N.**, Glucksberg, S., & Conway, A. R. A. (2011, November). *The effects of cognitive load on communication monitoring*. Poster presented at the annual meeting of the Psychonomic Society, Seattle, WA.
- §**Macnamara, B. N.**, §Moore, A., & Conway, A. R. A. (2009, November). *Phonological similarity effects in simple and complex memory span tasks*. Poster presented at the annual meeting of the Psychonomic Society, Boston, MA.
- §**Macnamara, B. N.**, §Moore, A., & Conway, A. R. A. (2009, May). *Domain-general cognitive abilities and interpreter skill prediction*. Paper presented at the Aptitude for Interpreting: Towards Reliable Admission Testing symposium, Antwerp, Belgium.
- §**Macnamara, B. N.** (2008, December). *Cognitive processes in simultaneous interpreting*. Presented at Princeton University's Translation and Intercultural Communication colloquium, Princeton, NJ.
- §**Macnamara, B. N.** (2008, October). *Interpreter cognitive aptitudes*. In S. Shaw & L. Roberson (Eds.) Conference of Interpreter Trainers, 17th National Convention Proceedings. San Juan, Puerto Rico.

PUBLIC ENGAGEMENT

Press releases by:

- *Association for Psychological Science*
- *Princeton University*
- *Case Western Reserve University*
- *Royal Society*

Select On air interviews with:

- *Here & Now* (National Public Radio [NPR])
- *WQXR's Conducting Business* (New York City-NPR Affiliate)
- *Newsday* (British Broadcasting Corporation [BBC])
- *The Listening Service* (BBC Radio 3)

Select media outlets where research was reported on, discussed, or featured

- *The New York Times*
- *Huffington Post*
- *Houston Chronicle*
- *Business Insider*
- *Sydney Morning Herald*
- *Independent*
- *Time*
- *Washington Post*
- *Psychology Today*
- *San Francisco Chronicle*
- *Vox.com*
- *Bloomberg Business Week*
- *Scientific American*
- *The Conversation*
- *Boston Globe*
- *ESPN*
- *New York Magazine*
- *Slate*
- *Men's Fitness*
- *Smithsonian Magazine*
- *Wall Street Journal*