

**Andrew R. A. Conway**  
**Curriculum Vitae**

Department of Psychology  
New Mexico State University  
Las Cruces, NM, 88001 USA

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Phone: 575-646-5130

## **Employment**

New Mexico State University  
Professor & Department Head, Department of Psychology, 2022 – present

Claremont Graduate University  
Professor, Department of Psychology, 2015 – 2022  
Associate Provost for Research, 2017 – 2020

Princeton University  
Senior Lecturer, Department of Psychology, 2007 – 2015  
Lecturer, Department of Psychology, 2004 – 2007

University of Illinois at Chicago  
Associate Professor, 2002 – 2004  
Assistant Professor, 1996 – 2002

## **Education**

University of South Carolina, Ph.D., 1996  
Major: Experimental Psychology; Minor: Statistics

University of South Carolina, M.A., 1993  
Experimental Psychology

Union College, B.S., 1991  
Computer Science & Psychology

## **Editorial Positions**

Editor-In-Chief, *Journal of Intelligence*, 2021 – 2024  
Associate Editor: *Journal of Intelligence*, 2019 – 2021  
Associate Editor: *Journal of Experimental Psychology: General*, 2017 – 2020  
Associate Editor: *Journal of Cognitive Psychology*, 2007 – 2012  
Editorial Board: *Intelligence*, 2017 – 2021  
Editorial Board, *Journal of Expertise*, 2018 – present  
Editorial Board: *Journal of Intelligence*, 2013 – present  
Editorial Board: *Memory & Cognition*, 2005 – 2013

## Publications (93) (h-index = 51)

Publications available on lab website: <https://caliberlab.wixsite.com/website>

Research materials, including data and code, available on Open Science Framework: [osf.io/murqg](https://osf.io/murqg)

Hao, H., Tubiolo, P., Williams, J., Bauer, K., Silver-Frankel, E., Luceno, S., Chan, A., Zheng, Z., Bobchin, K., Kotov, R., Perlman, G., Conway, A. R. A., & Van Snellenberg J. (in press). The latent structure of working memory: A large sample factor model of working memory capacity. *Cognitive, Affective, & Behavioral Neuroscience*.

Holden, L., Goodwin, K., & Conway, A. R. A. (in press). Higher trait working memory capacity may benefit standardized test performance under race related stereotype threat. *Memory & Cognition*.

Mathis, A., Conway, A. R. A., & Hout, M. (in press). Can You Picture It? People Vary in Their Ability to Create Mental Pictures. *Frontiers for Young Minds*.

Pathare, M., Navarro, E., & Conway, A. R. A. (2025). Seeing Through Other Eyes: How Language Experience and Cognitive Abilities Shape Theory of Mind. *Behavioral Sciences*, 15(6), 755. <https://doi.org/10.3390/bs15060755>

Trafimow, D., Hout, M. C., & Conway, A. R. A. (2024). A nuanced view of the extent to which samples from narrow populations are scientifically problematic. *American Psychologist*.

Hao, H., Conway, A. R. A., Kovacs, K., & Snijder (2024). Simulating the process overlap theory of intelligence: A unified framework bridging psychometric and cognitive perspectives. *Personality and Individual Differences*.

Moore D.M. & Conway A.R.A. (2023). The structure of cognitive abilities and associations with problem behaviors in early adolescence: An analysis of baseline data from the Adolescent Brain Cognitive Development Study. *Journal of Intelligence*. 11(5):90.

Trafimow, D., Hout, M. C., Conway, A. R. A. (2023). Why Basic and Applied Social Psychology declines demographics requirements. *Basic and Applied Social Psychology*, 45(6), 157-161.

Navarro E., Hao H, Rosales K.P., & Conway A.R.A. (2023). An item response theory approach to the measurement of working memory capacity. *Behavior Research Methods*.

Snijder, J.P., Tang, R., Bugg, J.M., Conway, A.R.A., & Braver, T.S. (2023). On the psychometric evaluation of cognitive control tasks: An Investigation with the Dual Mechanisms of Cognitive Control (DMCC) battery. *Behavior Research Methods*.

Tang, R., Bugg, J., Snijder, J., Conway, A. R. A., & Braver, T. S. (2022). The Dual Mechanisms of Cognitive Control (DMCC) project: Validation of an on-line behavioral task battery. *Quarterly Journal of Experimental Psychology*.

- Rosales, K.P., Snijder, J.-P., Conway, A.R.A., & Gonthier, C. (2022). Working memory capacity and dual mechanisms of cognitive control: An experimental-correlational approach. *Quarterly Journal of Experimental Psychology*, 1-47.
- Hao, H. & Conway, A. R. A. (2021). The impact of auditory distraction on reading comprehension: An individual differences investigation. *Memory & Cognition*, 1-12.
- Conway, A. R. A., Kovacs, K., Hao, H., Rosales, K., & Snijder, J. P. (2021). Individual differences in attention and intelligence: A united cognitive/psychometric approach. *Journal of Intelligence*, 9(3), 34.
- Navarro, E., Goring, S. A., & Conway, A. R. A. (2021). The relationship between theory of mind and intelligence: A formative g approach. *Journal of Intelligence*, 9(1), 11.
- Goring, S. A., Schmank, C. J., Kane, M. J., & Conway, A. R. A. (2021). Psychometric models of individual differences in reading comprehension. *Journal of Memory and Language*, 119, 104221.
- Schmank, C. J., Goring, S. A., Kovacs, K., & Conway, A. R. A. (2021). Investigating the structure of intelligence using latent variable and psychometric network modeling: A commentary and reanalysis of McFarland (2020). *Journal of Intelligence*, 9(1), 8.
- Conway, A. R. A., Kovacs, K., Hao, H., Goring, S. A., & Schmank, C. J. (2020). The struggle is real: Challenges and solutions in theory building. *Psychological Inquiry*, 4, 302-309.
- Kovacs, K., & Conway, A. R. A. (2020). Process overlap theory, executive functions, and the interpretation of cognitive test scores: Reply to commentaries. *Journal of Applied Research in Memory and Cognition*, 9(3), 419-424.
- Navarro, E., Macnamara, B. N., Glucksberg, S., & Conway, A. R. A. (2020). What influences successful communication? An examination of cognitive load and individual differences. *Discourse Processes*, 57(10), 880-899.
- Navarro, E., & Conway, A. R. A. (2020). Adult bilinguals outperform monolinguals in theory of mind. *Quarterly Journal of Experimental Psychology*.
- Conway, A. R. A., & Hao, H. (2020). The role of non-cognitive factors in the SAT remains unclear: A commentary on Hannon (2019). *Journal of Intelligence*, 8(2), 15.
- Kovacs, K., & Conway, A. R. A. (2019a). What is IQ? Life beyond “General Intelligence”. *Current Directions in Psychological Science*, 28(2), 189–194.
- Kovacs, K., & Conway, A. R. A. (2019b). A unified cognitive/differential approach to human intelligence: Implications for IQ testing. *Journal of Applied Research in Memory and Cognition*, 8, 255-272.

- Kovacs, K., Molenaar, D., & Conway, A. R. A. (2019). The domain generality of working memory capacity is moderated by ability. *Journal of Memory and Language*, 109, 140-148.
- Conway, A. R. A., & Kovacs, K. (2019). Working memory and intelligence. In Sternberg, R. J. (Ed.). *The Cambridge Handbook of Intelligence*. Cambridge, UK: Cambridge University Press.
- Peter-Hagene, L. C., Burke, K. C., Bottoms, B. L., Nysse Carris, K. & Conway, A. R. A. (2019). Children's eyewitness lineup accuracy one year later: The role of social support and working memory capacity. *International Journal on Child Maltreatment: Research, Policy, and Practice*, 2, 255-285.
- Schmank C. J., Goring S. A., Kovacs K., & Conway A. R. A. (2019). Psychometric network analysis of the Hungarian WAIS. *Journal of Intelligence*, 7(3), 21.
- Oberauer, K., Lewandowsky S., Awh, E., Brown, G. D. A., Conway, A. R. A., Cowan, N., Donkin, C., Farrell, S., Hitch, G. J., Hurlstone, M., Ma, W., Morey, C. C., Nee, D. E., Schwenke, J., Vergauwe, E., & Ward, G. (2018). Benchmarks for models of short term and working memory. *Psychological Bulletin*, 144, 885-958.
- Oberauer, K., Lewandowsky S., Awh, E., Brown, G. D. A., Conway, A. R. A., Cowan, N., Donkin, C., Farrell, S., Hitch, G. J., Hurlstone, M., Ma, W., Morey, C. C., Nee, D. E., Schwenke, J., Vergauwe, E., & Ward, G. (2018). Benchmarks provide common ground for model development: Reply to Logie (2018) and Vandierendonck (2018). *Psychological Bulletin*, 144, 972-977.
- Conway, A. R. A., & Kovacs, K. (2017). The nature of the general factor of intelligence. In R. Sternberg (Ed.), *The Nature of Intelligence*. Cambridge University Press.
- Kovacs, K., & Conway, A. R. A. (2017). The evolution of fluid intelligence meets formative g. *Behavioral and Brain Sciences*, 40, 35-36.
- Kovacs, K., & Conway, A. R. A. (2016). Process overlap theory: A unified account of the general factor of intelligence. *Psychological Inquiry*, 27, 151-177.
- Kovacs, K., & Conway, A. R. A. (2016). Has g gone to POT? *Psychological Inquiry*, 27, 241-253.
- Chow, M., Macnamara, B. N., & Conway, A. R. A. (2016). Phonological similarity in working memory span tasks. *Memory & Cognition*, 44, 937-949.
- 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, 1822.

- Alfano, M., Holden, L., & Conway, A. R. A. (2016). Intelligence, race, and psychological testing. In N. Zack (Ed.), *The Oxford Handbook of Philosophy and Race*. Oxford University Press.
- 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.
- Conway, A. R. A., & Kovacs, K. (2015). New and emerging models of human intelligence. *Wiley Interdisciplinary Reviews: Cognitive Science*, 6, 419-426.
- Moreau, D., Morrison, A. B., & Conway, A. R. A. (2015). An ecological approach to cognitive enhancement: Complex motor training. *Acta Psychologica*, 157, 44-55.
- Conway, A. R. A., Moreau, D., & Holden, L. (2015). Educational assessment in a MOOC: The case of Statistics One. In M. Valdes-Corbeil & J. Corbeil (Eds.), *The MOOC Case Book: Case Studies in MOOC Design, Development, and Implementation*.
- Chow, M., & Conway, A. R. A. (2015). The scope and control of attention: Sources of variance in working memory capacity. *Memory & Cognition*, 43, 325-339.
- Kool, W., Conway, A. R. A., & Turk-Browne, N. B. (2015). The sequential dynamics of visual short-term memory. *Attention, Perception, & Psychophysics*, 76, 1885-1901.
- Conway, A. R. A. (2014). A new era of intelligence research. *Journal of Intelligence*, 2, 33-35.
- Moreau, D., & Conway, A. R. A. (2014). The case for an ecological approach to cognitive training. *Trends in Cognitive Science*, 18, 334-336.
- Van Snellenberg, J. X., Conway, A. R. A., Spicer, J., Read, C., & Smith, E. E. (2014). Capacity estimates in working memory: Reliability and interrelationships among tasks. *Cognitive, Affective, and Behavioral Neuroscience*, 14, 106-116.
- Morrison, A. B., Conway, A. R. A., & Chein, J. M. (2014). Primacy and recency effects as indices of the focus of attention. *Frontiers in Human Neuroscience*, 8:6.
- 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.
- Conway, A. R. A., & Kovacs, K. (2013). Individual differences in intelligence and working memory: A review of latent variable models. *Psychology of Learning and Motivation*, 58, 233-270.
- Thornton, M. A., & Conway, A. R. A. (2013). Working memory for social information: Chunking or domain-specific buffer? *Neuroimage*, 70, 233-239.

- Moreau, D., & Conway, A. R. A. (2013). Cognitive enhancement: A comparative review of computerized and athletic training programs. *International Review of Sport and Exercise Psychology*, 6, 155-183.
- Conway, A. R. A., Macnamara, B. N., & Engel de Abreu, P. M. J. (2012). Working memory and intelligence: An overview. In T. P. Alloway, R. G. Alloway (Eds.), *Working Memory: The Connected Intelligence*. Frontiers of Cognitive Psychology.
- Macnamara, B. N., Moore, A. B., & Conway, A. R. A. (2011). Phonological similarity effects in simple and complex span tasks. *Memory & Cognition*, 39, 1174-1186.
- Macnamara, B. N., Moore, A. B., Kegl, J. A., & Conway, A. R. A. (2011). Domain-general cognitive abilities and interpreter skill prediction. *Interpreting*, 13, 121-142.
- Moore, A. B., Lee, N. Y. L., Clark, B. A. M., & Conway, A. R. A. (2011). In defense of the personal/impersonal distinction in moral psychology research: Cross-cultural validation of the dual process model of moral judgment. *Judgment and Decision Making*, 6, 186-195.
- Moore, A. B., Stevens, J., & Conway, A. R. A. (2011). Individual differences in sensitivity to reward and punishment predict moral judgment. *Personality and Individual Differences*, 50, 621-625.
- Burgess, G. C., Braver, T. S., Conway, A. R. A., & Gray, J. R. (2011). Neural mechanisms of interference control underlie the relationship between fluid intelligence and working memory span. *Journal of Experimental Psychology: General*, 140, 674-692.
- Chein, J. M., Moore, A. B., & Conway, A. R. A. (2011). Domain-general mechanisms of complex working memory span. *Neuroimage*, 54, 550-559.
- Conway, A. R. A., Getz, S. J., Macnamara, B., & Engel de Abreu, P. M. J. (2011). Working memory and intelligence. In Sternberg, R. J. & Kaufman, S. B. (Eds.). *The Cambridge Handbook of Intelligence*. Cambridge, UK: Cambridge University Press.
- Engel de Abreu, P. M. J., Conway, A. R. A., & Gathercole, S. E. (2010). Working memory and fluid intelligence in young children. *Intelligence*, 38, 552-561.
- Sanchez, C. A., Wiley, J., Miura, T. K., Colflesh, G. J. H., Jensen, M. S., Ricks, T. R., & Conway, A. R. A. (2010). Assessing working memory capacity in a non-native language. *Learning and Individual Differences*, 20, 488-493.
- Conway, A. R. A., & Getz, S. J. (2010). Cognitive ability: Does working memory training enhance intelligence? *Current Biology*, 20, 362-364.
- Conway, A. R. A., Moore, A. B., & Kane, M. J. (2009). Recent trends in the cognitive neuroscience of working memory. *Cortex*, 45, 262-268.

- Conway, A. R. A., Skitka, L. J., Hemmerich, J. A., & Kershaw, T. C. (2009). Flashbulb memory for September 11, 2001. *Applied Cognitive Psychology*, 23, 605-623.
- Shamosh, N. A., DeYoung, C. G., Green, A. E., Reis, D. L., Johnson, M. R., Conway, A. R. A., Engle, R. W., Braver, T. S., & Gray, J. R. (2008). Individual differences in delay discounting: Relation to intelligence, working memory, and anterior prefrontal cortex. *Psychological Science*, 9, 904-911.
- Colflesh, G. J. H., & Conway, A. R. A. (2007). Individual differences in working memory capacity and divided attention in dichotic listening. *Psychonomic Bulletin & Review*, 14, 699-703.
- Kane, M. J., Conway, A. R. A., Miura, T. K., & Colflesh, G. J. H. (2007). Working memory, attention control, and the N-back task: A cautionary tale of construct validity. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 33, 615-622.
- Conway, A. R. A., Jarrold, C., Kane, M. J., Miyake, A., & Towse, J. (2007). *Variation in Working Memory*. Oxford University Press. [Edited book]
- Conway, A. R. A., Jarrold, C., Kane, M. J., Miyake, A., & Towse, J. (2007). Variation in working memory: An introduction. In A. R. A. Conway, C. Jarrold, M. J. Kane, A. Miyake, J. Towse (Eds.), *Variation in Working Memory*. Oxford University Press.
- Kane, M. J., Conway, A. R. A., Hambrick, D. Z., & Engle, R. W. (2007). Variation in working-memory capacity as variation in executive attention and control. In A. R. A. Conway, C. Jarrold, M. J. Kane, A. Miyake, J. Towse (Eds.), *Variation in Working Memory*. Oxford University Press.
- Cowan, N., Kane, M. J., Conway, A. R. A., & Ipsa-Cowan, A. (2006). Stupid brain! Homer's working memory odyssey. In A. Brown and C. Logan (Eds.), *D'oh! The Psychology of the Simpsons* (pp. 49 – 64). Dallas, TX: BenBella Books.
- Heitz, R. P., Redick, T. S., Hambrick, D. Z., Kane, M. J., Conway, A. R. A., & Engle, R. W. (2006). WM, EF, and gF are not the same. *Behavioral and Brain Sciences*, 29, 135-136.
- Conway, A. R. A., Kane, M. J., Bunting, M. F., Hambrick, D. Z., Wilhelm, O., & Engle, R. W. (2005). Working memory span tasks: A methodological review and user's guide. *Psychonomic Bulletin & Review*, 12, 769-786.
- Cowan, N., Elliott, E. M., Saults, J. S., Morey, C. C., Mattox, S., Hismjatullina, A., & Conway, A. R. A. (2005). On the capacity of attention: Its estimation and its role in working memory and cognitive aptitudes. *Cognitive Psychology*, 51, 42-100.

- Kane, M. J., Hambrick, D. Z., & Conway, A. R. A. (2005). Working memory capacity and fluid intelligence are strongly related constructs: Comment on Ackerman, Beier, and Boyle (2004). *Psychological Bulletin*, 131, 66-71.
- Watson, J. M., Bunting, M. F., Poole, B. J., & Conway, A. R. A. (2005). Individual differences in susceptibility to false memory in the Deese-Roediger-McDermott paradigm. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, 31, 76-85
- Conway, A. R. A. (2005). Cognitive mechanisms underlying intelligence: Defense of a reductionist approach. In O. Wilhelm and R. W. Engle (Eds.), *Understanding and Measuring Intelligence*. Sage.
- Bunting, M. F., Conway, A. R. A., & Heitz, R. P. (2004). Individual differences in the fan effect and working memory capacity. *Journal of Memory and Language*, 51, 604-622.
- Conway, A. R. A., Kane, M. J., & Engle, R. W. (2003). Working memory capacity and its relation to general intelligence. *Trends in Cognitive Science*, 7, 547-552.
- Conway, A. R. A. (2003). Book review of Andrade (2001), Working memory in perspective. *Quarterly Journal of Experimental Psychology*, 56A, 766-768.
- Conway, A. R. A., Cowan, N., Bunting, M. F., Theriault, D. J., & Minkoff, S. R. B. (2002). A latent variable analysis of working memory capacity, short term memory capacity, processing speed, and general fluid intelligence. *Intelligence*, 30, 163-183.
- Conway, A. R. A., Cowan, N., & Bunting, M. F. (2001). The cocktail party phenomenon revisited: The importance of working memory capacity. *Psychonomic Bulletin & Review*, 8, 331-335.
- Conway, A. R. A., & Kane, M. J. (2001). Capacity, control and conflict: An individual differences perspective on attentional capture. In C. Folk and B. Gibson (Eds.), *Attraction, Distraction and Action: Multiple Perspectives on Attention Capture* (pp. 349 – 372). Amsterdam: Elsevier Science.
- Kane, M. J., Bleckley, M. K., Conway, A. R. A., & Engle, R. W. (2001). A controlled-attention view of working memory capacity: Individual differences in memory span and the control of visual orienting. *Journal of Experimental Psychology: General*, 130, 169-183.
- Conway, A. R. A., Tuholski, S. W., Shisler, R., & Engle, R. W. (1999). The effect of memory load on negative priming: An individual differences investigation. *Memory & Cognition*, 27, 1042-1050.
- Conway, A. R. A. (1999). The time-course of negative priming: Little evidence for episodic trace retrieval. *Memory & Cognition*, 27, 575-583.

- Engle, R. W., Tuholski, S. W., Laughlin, J., & Conway, A. R. A. (1999). Working memory, short-term memory and general fluid intelligence: A latent variable model approach. *Journal of Experimental Psychology: General*, 128, 309-331.
- Conway, A. R. A., Kane, M. J., & Engle, R. W. (1999). Is Spearman's g determined by speed or working memory capacity? Book review of Jensen on Intelligence-g-Factor. *Psychology*, 10 (074), article 16.
- Kane, M. J., Conway, A. R. A., & Engle, R. W. (1999). What do working memory tests really measure? A comment on Caplan and Waters (1999). *Behavioral and Brain Sciences*, 22, 101-102.
- Engle, R. W., & Conway, A. R. A. (1998). Comprehension and working memory. In R. H. Logie and K. J. Gilhooly (Eds.), *Working Memory and Thinking*. Lawrence Erlbaum Associates.
- Conway, A. R. A., & Engle, R. W. (1996). Individual differences in working memory capacity: More evidence for a general capacity theory. *Memory*, 4, 577-590.
- Engle, R. W., Conway, A. R. A., Tuholski, S. W., & Shisler, R. J. (1995). A resource account of inhibition. *Psychological Science*, 6, 122-125
- Conway, A. R. A., & Engle, R. W. (1994). Working memory and retrieval: A resource-dependent inhibition model. *Journal of Experimental Psychology: General*, 123, 354-373.

## External Grant Funding

*A Data-driven Reconceptualization of the RDoC Construct of Working Memory: Neural Correlates of Underlying Factors and Implications for Schizophrenia*

National Institutes of Health (April 1, 2020 – March 31, 2024)

Role: Co-Principal Investigator

PI: Jared Van Snellenberg, Stony Brook University

*Dual Mechanisms of Cognitive Control*

National Institutes of Health (April 1, 2013 – June 30, 2016)

Role: Co-Principal Investigator

PI: Todd Braver, Washington University in St. Louis

*The Effects of Mind-Wandering on the Learning and Retention of STEM Content: Experimental and Individual Differences Investigations*

National Science Foundation (August 1, 2013 – June 30, 2015)

Role: Statistics Consultant

PIs: Mike Kane, Univ. of North Carolina, Greensboro & Akira Miyake, Univ. of Colorado

*Longitudinal Assessment of Brain Structure and Function in Sports-related Concussion*

New Jersey Department of Health and Senior Services (June 1, 2010 – May 30, 2013)

Role: Statistics Consultant

PI: Dan Osherson, Princeton University

*Afghan Language Aptitude Battery*

Department of Defense (April 1, 2011 – August 17, 2011) [Contract terminated]

Role: Co-Principal Investigator

PI: Michael Bunting, University of Maryland

*The Role of Epistemological Beliefs and Cognitive Processing on Engineering Students' Ability to Solve Ambiguous Problems*

National Science Foundation (August 1, 2009 – July 31, 2012)

Role: Statistics Consultant

PI: Elliot Douglas, University of Florida

*Peer Effects on Neural and Behavioral Markers of Risk-taking in Adolescents*

National Institutes of Health (September 1, 2006 – September 1, 2009)

Role: Statistics Consultant

PI: Laurence Steinberg, Temple University

*Neural Substrates of Emotion-Cognition Interactions*

National Institutes of Health (September 1, 2003 – September 1, 2006)

Role: Co-Principal Investigator with Jeremy Gray, Yale University and Todd Braver, Washington University in St. Louis

*A Test of Flashbulb Memory: Tuesday, September 11, 2001*

National Science Foundation (September 18, 2001 – September 18, 2003)

Role: Principal Investigator

## Teaching Experience

| Course                                | University | # of semesters taught             |
|---------------------------------------|------------|-----------------------------------|
| Undergraduate Statistics              | UIC        | 5                                 |
|                                       | Princeton  | 15                                |
| Undergraduate Advanced Statistics     | Princeton  | 3                                 |
| Undergraduate Research Methods        | USC        | 1                                 |
| Undergraduate Cognitive Psychology    | UIC        | 3                                 |
|                                       | NMSU       | 1                                 |
| Undergraduate Lab in Cognition        | UIC        | 2                                 |
| Graduate Statistics (Univariate)      | UIC        | 6                                 |
|                                       | Princeton  | 11                                |
|                                       | CGU        | 6                                 |
|                                       | NMSU       | 1                                 |
| Graduate Statistics (Multivariate)    | UIC        | 5                                 |
|                                       | Princeton  | 5                                 |
| Graduate Seminar, Advanced Statistics | UIC        | 2                                 |
|                                       | Princeton  | 2                                 |
|                                       | CGU        | 6                                 |
| Graduate Seminar, Cognition           | CGU        | 3                                 |
|                                       | NMSU       | 1                                 |
| Graduate Seminar, Working Memory      | UIC        | 3                                 |
| Graduate Seminar, Intelligence        | CGU        | 2                                 |
| Online Course                         | Platform   | Semester (Start/Final Enrollment) |
| Statistics One                        | Coursera   | Fall 12 (81,170 / 3,000)          |
| Statistics One                        | Coursera   | Fall 13 (144,950 / 4,500)         |

## Graduate Student Advisees (Primary)

1. Michael Bunting, 1997 – 2003, Director of Research Development for National Security, George Mason University
2. Rebecca Schrader, 1999 – 2002, Terminal M.A.
3. Timothy Miura, 2001 – 2005, Instructor, University of Loyola: Chicago (deceased)
4. Gregory Colflesh, 2001 – 2009, Research Scientist, The University of Maryland, Center for the Advanced Study of Language (CASL)
5. Adam Moore, 2006 – 2011, Senior Lecturer, The University of Edinburgh
6. Brooke Macnamara, 2008 – 2014, Associate Professor, Purdue University
7. Michael Chow, 2011 – 2016, Software Engineer, R Studio
8. Tasha Holden, 2012 – 2018, Assistant Professor, University of Illinois
9. Jean-paul Snijder, 2015 – 2021, Post-doc, Heidelberg University
10. Ester Navarro Garcia, 2016 – 2021, Assistant Professor, St. John's University
11. Kevin Rosales, 2016 – 2023, Assistant Professor, Cal State San Bernardino
12. Han Hao, 2017 – 2022, Assistant Professor, Tarleton State University
13. Sara Goring, 2018 – 2023, Post-doc, Tufts University
14. Dawn Moore, 2020 – 2023, Post-doc & Instructor, New Mexico State University
15. Christopher Schmank, 2017 – 2024, Visiting Instructor, St. Louis University
16. Rain Simons, 2019 – present, Graduate student, NMSU

17. Manali Pathare, 2021 – present, Graduate student, NMSU
18. Kacie Bauer, 2021 – present, Graduate student, NMSU
19. Nathaniel Davis, 2024 – present, Graduate student, NMSU

## **University Service (New Mexico State University)**

Department Head of Psychology (2022 – present)  
University Diversity Council (2023 – 2025)  
Arts & Sciences Equity, Inclusion, & Diversity Committee, Chair (2023 – 2025)

## **University Service (Claremont Graduate University)**

Associate Provost for Research (2017 – 2020)  
Chair of the Institutional Review Board (IRB) (2015 – 2020)  
Strategic Planning Committee (2017 – 2020)  
Strategic Partnership Committee (2019 – 2020)  
Psychology Department, Cognitive Division, Chair (Spring 2017, Spring 2019, Spring 2021)  
Commencement Committee (2017 – 2020)  
Committee on Academic Integrity (2021 – 2022)

## **University Service (Princeton)**

Statistics consultant for the Department of Psychology (2004 – 2015)  
New building planning committee (2009 – 2012)  
Undergraduate curriculum committee (2010 – 2012)  
Freshman Scholars Institute (FSI), Instructor (2012, Summer)  
Organizer of weekly “coglunch” series (2012, Spring; 2015; Spring)  
Faculty committee on online courses (2012 – 2014)  
Faculty advisor, Princeton Summer Undergraduate Research Experience (PSURE, 2014)

## **University Service (University of Illinois Chicago)**

Computer facilities and data management (Committee Chair, 1997 – 2004)  
Departmental Internal Review Board (IRB) for the protection of human subjects (2003 – 2004)  
Department faculty hiring priorities committee (2002 – 2004)  
College of Liberal Arts and Sciences, Faculty Senate (2003 – 2004)  
Faculty sponsor for local chapter of American Psychological Society (1998 – 2004)  
Faculty sponsor for local chapter of Golden Key International Honour Society (1999 – 2004)  
Honor’s College fellow (mentor undergraduates) (1999 – 2004)  
Faculty search committee member (1997 – 98, 99 – 00, 00 – 01)  
Organizer of the weekly cognitive “brownbag” series (1997 – 1999, 2003 – 2004)

## **Other Service**

Variation in Working Memory, Conference Chair (2003)

MPA Program Committee (2003 – 2006)  
APA Division 3, Convention Program Chair (2004)  
International Society for Intelligence Research, Symposium Organizer (2010)  
Psychonomic Society Program Committee Chair (2013)  
Psychonomic Society Convention Manager (2012 – 2016)  
SARMAC Publications Committee (2017 – 2021)

## **Professional Affiliations**

Fellow of the Psychonomic Society  
Fellow of the Association for Psychological Science (APS)  
Member of the International Society for Intelligence Research (ISIR)  
Member of the Society for Applied Research in Memory and Cognition (SARMAC)  
Member of the Council of Graduate Departments of Psychology (COGDOP)

## **Honors & Awards**

UIC Nominee for USA Professor of the Year, 2001  
*Sponsored by the Carnegie Foundation for the Advancement of Teaching*  
Excellence in Teaching Award, 2000  
*Awarded by the Provost and Vice Chancellor for Academic Affairs (UIC)*  
Teaching Recognition Program Award, 1999  
*Awarded by the Council for Excellence in Teaching and Learning (UIC)*  
The Silver Circle Teaching Award, 1999  
*Awarded by the graduating class (UIC)*

Department Head of the Year, 2025  
New Mexico State University, College of Arts & Sciences

Outstanding Graduate Teaching of Psychology as a Core STEM Discipline Award, 2025  
American Psychological Association, Board of Educational Affairs

## **Personal Information**

Date of Birth: December 31<sup>st</sup> 1969  
Birthplace: Albany, New York, USA  
Married to James Spera