

JONATHAN WAI

Research Scientist, Duke University
Visiting Researcher, Case Western Reserve University
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EDUCATION AND EMPLOYMENT

2011-present Research Scientist, Talent Identification Program, Duke University
2013-present Visiting Researcher, Dept. of Psychology, Case Western Reserve University
2009-2011 Postdoctoral Research Fellow, Duke University
2003-2009 Ph.D., M.S., Psychology (Quantitative Methods), Vanderbilt University
2002-2003 M.A., Cognitive Psychology and Evaluation, Claremont Graduate University
1998-2002 B.A., Psychology and Mathematics, Claremont McKenna College

ACADEMIC HONORS AND AWARDS

Research and writing profiled by Rotman Management Magazine, University of Toronto, 2015
Mensa Education & Research Foundation Awards for Research Excellence, 2006, 2010, 2011, 2012, 2013
Susan Gray Award for Excellence in Scholarly Writing, Vanderbilt University, 2010
New Voice Scholar in Creativity and Intelligence (Identified by Field Leaders), University of Kansas, 2009
Society of Multivariate Experimental Psychology (SMEP) Dissertation Award, 2007
Peabody Honor Scholar, 2003-2007
Vanderbilt University Graduate Fellow, 2003-2007
Uhlmann Scholar, Merit Scholarship, Claremont McKenna College, 1998-2002
Washington Scholar, Waived Tuition, Western Washington University Summer Courses, 1998-2002

ACADEMIC PUBLICATIONS

2016

- Wai, J.**, & Worrell, F. C. (in press). Helping disadvantaged and spatially talented students fulfill their potential. *Policy Insights from Behavioral and Brain Sciences*.
- Makel, M. C., & **Wai, J.** (in press). Does economic research in education work? For which studies? *Journal of Advanced Academics*.
- Wai, J.**, & Kell, H. J. (in press). What innovations have we already lost?: The importance of identifying and developing spatial talent. In M. S. Khine (Ed.) *Visual-spatial ability in STEM education: Transforming research into practice*. Dordrecht, The Netherlands: Springer.
- Wai, J.**, & Lincoln, D. (2016). Investigating the right tail of wealth: Education, cognitive ability, giving, network power, gender, ethnicity, leadership, and other characteristics. *Intelligence*, 54, 1-32.

2015

- Wai, J.**, & Rindermann, H. R. (2015). The path and performance of a company leader: An historical examination of the education and cognitive ability of Fortune 500 CEOs. *Intelligence*, 53, 102-107.
- Makel, M. C., **Wai, J.**, Putallaz, M., & Malone, P. (2015). The academic gap: An international comparison of the time allocation of academically talented students. *Gifted Child Quarterly*, 59, 177-189.
- Miller, D., & **Wai, J.** (2015). The bachelor's to PhD STEM pipeline no longer leaks more women than men: A 30-year analysis. *Frontiers in Psychology: Developmental*, 6, 37.
- Wai, J.** (2015). Long-term effects of educational acceleration. In S.G. Assouline, N. Colangelo, J. VanTassel-Baska, & A.E. Lupkowski-Shoplak (Eds.) *A nation empowered: Evidence trumps the excuses that hold back*

America's brightest students (V. II, pp. 73-83). Iowa City, IA: The Belin-Blank Center for Gifted and Talented Education.

2014

Wai, J. (2014). Investigating the world's rich and powerful: Education, cognitive ability, and sex differences. *Intelligence, 46*, 54-72.

Wai, J. (2014). What does it mean to be an expert? *Intelligence, 45*, 122-123.

Wai, J. (2014). Experts are born, then made: Combining prospective and retrospective longitudinal data shows that cognitive ability matters. *Intelligence, 45*, 74-80.

Wai, J. (2014). Matching potential and passion leads to promise: A model for educating intellectually talented youth. S. Moon & F. Dixon (Eds.), *Handbook of Secondary Gifted Education*.

2013

Wai, J. (2013). Investigating America's elite: Cognitive ability, education, and sex differences. *Intelligence, 41*, 203-211.

2012

Makel, M. C., Putallaz, M., & **Wai, J.** (2012). Teach students what they don't know but are ready to learn: A commentary on "Rethinking giftedness and gifted education." *Gifted Child Quarterly, 56*, 198-201.

Wai, J., Putallaz, M., & Makel, M. C. (2012). Studying intellectual outliers: Are there sex differences, and are the smart getting smarter? *Current Directions in Psychological Science, 21*, 382-390.

2011

Wai, J., & Putallaz, M. (2011). The Flynn effect puzzle: A 30-year examination from the right tail of the ability distribution provides some missing pieces. *Intelligence, 39*, 443-455.

Makel, M. C., Li, Y., Putallaz, M., & **Wai, J.** (2011). High ability students' time spent outside the classroom. *Journal of Advanced Academics, 22*, 720-749.

2010

Wai, J., Cacchio, M., Putallaz, M., & Makel, M. C. (2010). Sex differences in the right tail of cognitive abilities: A 30-year examination. *Intelligence, 38*, 412-423.

Wai, J., Lubinski, D., Benbow, C. P., & Steiger, J. H. (2010). Accomplishment in science technology, engineering, and mathematics (STEM) and its relation to STEM educational dose: A 25-year longitudinal study. *Journal of Educational Psychology, 102*, 860-871.

2009

Wai, J., Lubinski, D., & Benbow, C. P. (2009). Spatial ability for STEM domains: Aligning over fifty years of cumulative psychological knowledge solidifies its importance. *Journal of Educational Psychology, 101*, 817-835.

Wai, J., Lubinski, D., & Benbow, C. P. (2009). Aligning potential and passion for promise: A model for educating intellectually talented youth. In J. S. Renzulli (Ed.) *Systems and models for developing programs for the gifted and talented*. Mansfield Center, CT: Creative Learning Press, Inc.

Wai, J. (2009). A review of Charles Murray's book *Real education: Four simple truths for bringing America's schools back to reality*. *Intelligence, 37*, 321-322.

2008

Wai, J. (2008). A review of Arthur Jensen's book *Clocking the mind: Mental chronometry and individual differences*. *Gifted Child Quarterly*, 52, 99-104.

Wai, J., & Lubinski, D. (2008). Intelligence. In F. T. L. Leong (Editor-in-Chief), E. M. Altmaier (Senior Editor) & B. D. Johnson's (Associate Editor) *Encyclopedia of Counseling, Volume 1: Changes and Challenges for Counseling in the 21st Century*. (pp. 651-657). Thousand Oaks, CA: Sage Publications.

2007

Halpern, D. F., & **Wai, J.** (2007). The world of competitive Scrabble: Novice and expert differences in visuospatial and verbal abilities. *Journal of Experimental Psychology: Applied*, 13, 79-94.

2005

Wai, J., Lubinski, D., & Benbow, C. P. (2005). Creativity and occupational accomplishments among intellectually precocious youths: An age 13 to age 33 longitudinal study. *Journal of Educational Psychology*, 97, 484-492.

Halpern, D. F., **Wai, J.**, & Saw, A. (2005). A psychobiosocial model: Why females are sometimes > and sometimes < males in math achievement. In J. Kaufman and A. Gallagher (Eds.), *Gender Differences in Mathematics*. Cambridge, MA: Cambridge University Press.

REPRESENTATIVE ARTICLES/OP-EDS/OTHER RESEARCH

Wai, J. (December 8, 2015). Having smart neighbors could mean a higher income for you. *Quartz, World Economic Forum*.

Wai, J., & Miller, D. I. (December 1, 2015). Here's why academics should write for the public. *US Conversation, The Huffington Post, Quartz, Northwestern University*.

Wai, J., & Worrell, F. C. (October 20, 2015). Why are we supporting everyone except our most talented students? *Medium: Bright, National Review, Quartz*

Wai, J., Stanger, M., & Goudreau, J. (September-October, 2015). U.S. public, private, liberal arts, and Ivy League colleges ranked by average student brainpower. *Business Insider*.

Hsu, S., & **Wai, J.** (September 10, 2015). These 25 schools are responsible for the greatest advances in science. *Quartz*.

Wai, J. & Makel, M. C. (September 4, 2015). How do academic prodigies spend their time and why does that matter? *US Conversation, Quartz, World Economic Forum*.

Wai, J. (July 8, 2015). By neglecting spatial intelligence, how many Elon Musks have we missed? *Quartz*.

Wai, J. (March 22, 2015). Frank Bruni is wrong about Ivy League schools. *Quartz*.

Wai, J. (March 10, 2015). We should be paying attention to the 1% of brainiacs, not billionaires. *Quartz*.

Wai, J. (February 3, 2015). The stubborn pattern of academic aptitude by college major: 1946 to 2014. *Quartz*.

Wai, J., & Goudreau, J. (October-December, 2014). U.S. public, private, liberal arts, and Ivy League colleges ranked by average student brainpower. *Business Insider*.

Wai, J. (October 21, 2014). 1,339 U.S. colleges ranked by average student brainpower. *Business Insider, Psychology Today*.

Wai, J. (October 8, 2014). There's no getting around facetime with your kids. *Quartz*.

Makel, M. C., & **Wai, J.** (September 29, 2014). How do we know if gifted education works? *Psychology Today*.

Wai, J. (September 9, 2014). Decades of Facebook likes will explain how you became yourself. *Quartz*.

Wai, J. (August 28, 2014). Should the SAT be optional? *Quartz*.

Wai, J. (August 5, 2014). The case for starting statistics education in kindergarten. *Quartz*.

Wai, J. (July 28, 2014). If you want to be rich and powerful, majoring in STEM is a good place to start. *Quartz, LinkedIn*.

Wai, J. (June 28, 2014). A shocking number of successful people went to elite schools. *Business Insider, Inc. Magazine*.

Wai, J. (June 17, 2014). Sorry Jay Mathews, gifted education matters. *Psychology Today*.

Wai, J. (May 1, 2014). It turns out that smart people do run the U.S. *Business Insider*.

- Wai, J.** (April 28, 2014). More gifted students: Harder to get into the ivies? *Business Insider, Psychology Today*.
- Wai, J.** (March 27, 2014). One size does not fit all: The need for variety in learning. *National Public Radio: Mindsift*.
- Chabris, C. F., & **Wai, J.** (March 9, 2014). Hire like Google? For most companies, that's a bad idea. *Los Angeles Times*.
- Wai, J.** (January 23, 2014). The best business schools based on GMAT scores. *Quartz*.
- Wai, J.** (January 3, 2014). Even as a child, Jeff Bezos was a data-obsessed, workaholic genius. *Quartz*.
- Wai, J.** (December 3, 2013). What's the smartest country in the world? *Psychology Today, Business Insider*.
- Wai, J.** (November 4, 2013). Who's smarter? Republicans and Democrats in Congress. *Psychology Today*.
- Wai, J.** & Nisen, M. (October 23, 2013). The 25 countries with the most brainpower. *Business Insider, Yahoo!*
- Wai, J.** & Nisen, M. (September 19, 2013). The 25 smartest colleges in America. *Business Insider, Yahoo!*
- Wai, J.** (July 31, 2013). Why we need to value students' spatial creativity. *National Public Radio: Mindsift, Quartz*.
- Wai, J.** (June 3, 2013). The art of communicating science. *Psychology Today*.
- Wai, J.**, & DiGioia, L. (February 15, 2013). Why we need the math police. *Education Week*.
- Wai, J.** (February 26, 2013). Jack Andraka is not an ordinary kid. *Psychology Today*.
- Wai, J.** (February 4, 2013). Do gifted kids want to be a scientific genius today? *Psychology Today*.
- Wai, J.** (December 31, 2012). How Khan Academy will help find the next Einstein. *Psychology Today*.
- Wai, J.** (November 11, 2012). The U.S. needs to focus its educational efforts on talented Americans. *TechCrunch*.
- Wai, J.** (October 24, 2012). Smart people really do rule the world. *Business Insider*.
- Wai, J.** (October 11, 2012). Don't believe the myth of the billionaire college dropout. *Business Insider*.
- Wai, J.** (September 24, 2012). The scary smart are the scary rich: Examining tech's richest on the Forbes 400. *Forbes, Forbes China, and Yahoo! China*.
- Wai, J.** (July 24, 2012). The SAT needs to be harder. *Education Week*.
- Wai, J.** (July/August, 2012). The brainiac-billionaire connection. *Psychology Today*. Pages 78-85, 92.
- Wai, J.** (June 5, 2012). The chess concepts Peter Thiel used to become a billionaire. *Business Insider, Inc. Magazine, and Yahoo!*
- Wai, J.** (June 25, 2012). Why the smartest people talk the least. *Business Insider, Psychology Today*.
- Wai, J.** (March 25, 2012). Why is it socially acceptable to be bad at math? *Psychology Today*.
- Wai, J.** (February 25, 2012). Could brain imaging replace the SAT? *Psychology Today*.
- Wai, J.** (November 26, 2011). Sorry talented, striving matters. *Psychology Today*.
- Wai, J.** (August 1, 2011). How brainy is your major? *Psychology Today*.
- Wai, J.** (June 18, 2011). How do you measure an intellectual giant? *Psychology Today*.
- Wai, J.** (April 12, 2011). If you are creative, are you also intelligent? *Psychology Today*.
- Wai, J.** (March 15, 2011). America's got talent. *Psychology Today*.
- Wai, J.** (March 1, 2011). Will we ever find the next Einstein? *Psychology Today*.

PROFESSIONAL MEMBERSHIP AND NATIONAL BOARD SERVICE

American Psychological Association (Division 15: Educational Psychology)

International Society for Intelligence Research (ISIR)

National Association for Gifted Children (NAGC; Research and Evaluation and STEM Networks)

Board of Directors, Chair, Evaluation/Nomination Committees, MATHCOUNTS Foundation, 2011-2014

SERVICE TO PROFESSION

Reviewer of manuscripts for:

Annals of the New York Academy of Sciences, Applied Developmental Science, Cambridge University Press, Current Directions in Psychological Science, Developmental Psychology, Developmental Review, Educational Psychology Review, Elsevier, Equity & Excellence in Education, Frontiers in Cognition, Frontiers: Developmental Psychology, Gifted Child Quarterly, High Ability Studies, Intelligence, International Journal of Behavioral Development, Journal of Educational Psychology, Journal of Engineering Education, Journal of Experimental Psychology: Learning, Memory, and Cognition,

Journal of Intelligence, Journal of Women and Minorities in Science and Engineering, Learning and Individual Differences, Learning and Instruction, Oxford University Press, PeerJ, PLOS One, Psychological Reports, Psychological Science, Roeper Review, Science Education, Spatial Cognition and Computation: An Interdisciplinary Journal

Grant reviewer, National Science Foundation, 2013, 2015

Grant reviewer, Jacob K. Javits Gifted and Talented Program, 2014-present

Holden Speaker And Media Committee, International Society for Intelligence Research, 2012-present

Website Committee, International Society for Intelligence Research, 2012-2013

Proposal Reviewer, International Society for Intelligence Research, 2010-present

Proposal Reviewer, National Association for Gifted Children, 2015-present

Consultant, Duke Talent Identification Program, Admissions, Educational Programs, International Programs, Marketing, the Next Generation Venture Fund, and Talent Search, 2009-present

Duke Talent Identification Program Staff Advisory Committee, Alternate, 2009-2010

Graduate Student Council for Psychology and Human Development, 2003-2004

Visual Historian, International Society for Intelligence Research, 2003-2008

TEACHING AND MENTORING

Instructor

Psychometric Methods (undergraduate), Vanderbilt University, Spring and Fall, 2008; Spring, 2009

Introduction to Statistical Analysis (undergraduate), Vanderbilt University, Spring and Fall, 2007

Guest Lecturer

Understanding Genius (undergraduate), measurement of intelligence, Duke University

Psychological Measurement (graduate), factor analysis, Vanderbilt University

Psychometric Methods (undergraduate), regression, Vanderbilt University

Teaching Assistant

Statistical Inference (graduate), Vanderbilt University

Quantitative Methods and Experimental Design (graduate), Vanderbilt University

Introduction to Statistical Analysis (undergraduate), Vanderbilt University

Psychometric Methods (undergraduate), Vanderbilt University

Mentoring

I have mentored and written multiple letters of recommendation for students at Vanderbilt University and Duke University who have gone on to attend graduate programs at institutions such as Columbia University, UNC-Chapel Hill, Vanderbilt University, and Washington University in St. Louis.

ACADEMIC PRESENTATIONS

Makel, M. C., **Wai, J.**, Peairs, K., & Putallaz, M. (forthcoming, April, 2016). Sex differences in the right tail of cognitive abilities: An update and cross cultural extension. AERA.

Miller, D. I., **Wai, J.**, & Uttal, D. H. (September, 2014). How spatial skills relate to movement into and out of STEM. Poster presentation at the 2014 Spatial Cognition conference in Bremen, Germany.

Miller, D. I., **Wai, J.**, & Uttal, D. H. (February, 2014). Replacing the leaky pipeline metaphor. Oral presentation at the 2014 Inter-Science of Learning Center conference in Pittsburgh, PA.

- Wai, J.,** Putallaz, M., & Gambrell, J. (December, 2012). The Flynn effect in the right tail of the U.S. as a function of sex, race/ethnicity, and SES. Paper presented at the thirteenth annual meeting of the International Society for Intelligence Research, San Antonio, TX.
- Wai, J.,** & Putallaz, M. (November, 2012). Why are so many more gifted students being identified? Paper to be presented at the 59th annual convention of the National Association for Gifted Children, Denver, CO.
- Makel, M. C., **Wai, J.,** & Putallaz, M. (2012, April). Time allocation of academically talented students: an international comparison. Paper presented at the annual meeting of the American Educational Research Association, Vancouver B.C., Canada.
- Wai, J.,** Cacchio, M., Putallaz, M., & Makel, M. C. (2011, November). *Sex differences in cognitive abilities among the intellectually talented for the last 30 years.* Poster presented at the 58th annual convention of the National Association for Gifted Children, New Orleans, LA.
- Makel, M. C., Li, Y., Putallaz, M., & **Wai, J.** (2011, April). High ability students' time spent outside the classroom. Presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Wai, J.,** Cacchio, M., Putallaz, M., & Makel, M. C. (2010, December). *An examination of sex differences in the top 5% of cognitive abilities: 1981-2010.* Paper presented at the eleventh annual meeting of the International Society for Intelligence Research, Alexandria, VA.
- Wai, J.,** Makel, M. C., Putallaz, M., & Cacchio, M. (2010, November). *Summer academic programs and longitudinal educational and occupational outcomes among the exceptionally talented.* Paper presented at the 57th annual convention of the National Association for Gifted Students, Atlanta, GA.
- Makel, M. C., Li, Y., Putallaz, M., & **Wai, J.** (2010, November). *Gifted kids' time spent outside the classroom.* Poster session presented at the 57th annual convention of the National Association for Gifted Students, Atlanta, GA.
- Wai, J.,** Lubinski, D., Benbow, C. P., & Steiger, J. H. (2010, May). *Accomplishment in science, technology, engineering, and mathematics (STEM) and its relation to STEM educational dose: A 25-year longitudinal study.* Paper presented at the tenth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Makel, M. C., Li, Y., Putallaz, M., & **Wai, J.** (2010, May). *Gifted students' time spent outside the classroom.* Paper presented at the tenth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J.,** Lubinski, D., & Benbow, C. P. (2008, December). *Achievement in science, technology, engineering, and mathematics (STEM) and its relationship to STEM educational dose: A 25-year longitudinal study.* Paper presented at the ninth annual meeting of the International Society for Intelligence Research, Decatur, GA.
- Wai, J.,** Lubinski, D., & Benbow, C. P. (2008, May). *Spatial ability for STEM domains: Aligning over fifty years of cumulative psychological knowledge solidifies its importance.* Paper presented at the ninth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J.,** Lubinski, D., & Benbow, C. P. (2007, December). *Spatial ability for STEM domains: Over fifty years of cumulative psychological knowledge highlights its longstanding neglect.* Paper presented at the eighth annual meeting of the International Society for Intelligence Research, Amsterdam, The Netherlands.
- Wai, J.,** & Halpern, D. F. (2007, May). *The world of competitive Scrabble: Expert and novice differences in verbal and visuospatial abilities.* Poster session presented at the 19th annual convention of the Association for Psychological Science, Washington, DC.
- Lubinski, D., Benbow, C. P., Webb, R. M., Bleske-Rechek, A., & **Wai, J.** (2006, August). *Tracking exceptional human capital over two decades.* American Psychological Association, New Orleans, LA.

- Wai, J.**, Lubinski, D., & Benbow, C. P. (2006, May). *Creativity: Individual differences within the top 1% of ability make a difference*. Poster presented at the eighth biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J.**, Lubinski, D., & Benbow, C. P. (2005, December). *Creative accomplishments covary with ability even among the top 1%*. Paper presented at the sixth annual meeting of the International Society for Intelligence Research, Albuquerque, NM.
- Lubinski, D., Benbow, C. P., Webb, R. M., Bleske-Rechek, A., & **Wai, J.** (2005, October). *Tracking exceptional human capital over two decades*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Lake Tahoe, NV.
- Wai, J.**, Lubinski, D., & Benbow, C. P. (2004, December). *Vocational achievement and creativity among intellectually precocious youth: An age 13 to age 33 longitudinal study*. Paper presented at the fifth annual meeting of the International Society for Intelligence Research, New Orleans, LA.
- Wai, J.**, Lubinski, D., & Benbow, C. P. (2004, May). *Ability intensity and ability/preference configuration both contribute to the prediction of educational and vocational outcomes over 20 years*. Paper presented at the seventh biennial Wallace National Research Symposium on Talent Development, Iowa City, IA.
- Wai, J.**, & Halpern, D. F. (2003, May). *The competitive world of Scrabble: Cognitive processes of expert players*. Poster session presented at the 83rd annual meeting of the Western Psychological Association, Vancouver, BC.

INVITED PRESENTATIONS AND LECTURES

- Wai, J.** (forthcoming, April, 2016). *What goes into high achievement of academically talented students?: Education, brains, hard work, networks, and other factors*. Invited presentation at the inaugural Invitational Summit on European/American Talent Development, Washington, D.C.
- Wai, J.** (September, 2015). *Spatial reasoning and STEM: Identification, learning, and achievement*. Invited presentation at the Integrating Cognitive Science with Innovative Teaching in STEM Disciplines: Modeling and Spatial Learning in STEM conference at Northwestern University, Evanston, IL.
- Wai, J.** (April, 2015). *Developing educational and occupational expertise: Brains, education, and other factors*. Invited presentation at the Case Western Reserve University department of psychology, Cleveland, OH.
- Wai, J.** (March, 2014). *Experts are born, then made: Combining prospective and retrospective longitudinal data shows that cognitive ability matters in the U.S. and the world*. Invited presentation at the Wallace Research & Policy Symposium on Talent Development, Arlington, VA.
- Makel, M. C., **Wai, J.**, & Putallaz, M. (March, 2014). *The time allocation of academically talented students: An international comparison*. Invited presentation at the Wallace Research & Policy Symposium on Talent Development, Arlington, VA.
- Wai, J.** (July, 2013). *The importance of STEM educational dose and spatial ability for female STEM achievement*. Invited presentation at the STEM Think Tank and Conference, Nashville, TN.
- Wai, J.** (July, 2012). *If you are creative, are you also intelligent?* Invited presentation at the 12th Asia-Pacific Conference on Giftedness, Dubai, United Arab Emirates.
- Wai, J.**, & Putallaz, M. (July, 2012). *Why are so many more gifted students being identified?* Invited presentation at the 12th Asia-Pacific Conference on Giftedness, Dubai, United Arab Emirates.
- Wai, J.** (2012, April). *Science Outreach*. Invited panel presentation at the 15th annual NIEHS Biomedical Career Fair, EPA Campus, Research Triangle Park, NC.

- Wai, J.** (2011, November). *If you are creative, are you also intelligent? The importance of measurement for psychological and educational science.* Invited presentation at the Purdue University College of Education, West Lafayette, IN.
- Wai, J.** (2011, November). *The concept of “educational dose” and program evaluation for the intellectually talented.* Invited presentation at the Purdue University College of Education, West Lafayette, IN.
- Wai, J.** (2011, July). *What kinds of adults do gifted students like you become?* Invited address at the Duke University Talent Identification Program 30th Anniversary Alumni Reunion, Durham, NC.
- Wai, J.,** Lubinski, D., & Benbow, C. P. (2009, November). *Spatial ability for STEM arenas: Combining over a half-century of cumulative psychological knowledge solidifies its importance.* Keynote address at the New Voices in Creativity and Intelligence Symposium, Lawrence, KS.

SELECTED DISCUSSION AND IMPACT OF WORK

Academic impact: 843 Google scholar citations as of 1/25/2016

Columnist for *Psychology Today*: “Finding the Next Einstein: Why Smart is Relative.”
Contributor to *Psychology Today* (print magazine), *Quartz*, *Business Insider*, and others.

My research and writing has reached millions of people, has been discussed by thought leaders ranging from Fareed Zakaria to Andrew Sullivan, and has started discussions in countries ranging from Australia to Vietnam. Recognition from The Aspen Institute and The American Enterprise Institute for “best ideas.”

Selected media coverage: *Science, Nature, The New York Times, The Economist, The Wall Street Journal, Scientific American, CNBC, Financial Times, Bloomberg, Inc. Magazine, MIT Technology Review, Discover, Fast Company, American Scientist, Education Week, Wired, Forbes, Psychology Today, Quartz, Business Insider, The Chicago Tribune, The Daily Beast, Christian Science Monitor, Reuters, Inside Higher Ed, The Chronicle of Higher Education, Times Education Supplement, The New Republic, Reason, The Week, National Review, The Daily Mail, The Guardian, The Huffington Post, Yahoo!* and newspapers worldwide.

My work has also been discussed by the *National Academy of Sciences, National Academy of Engineering, Institute of Medicine, National Science Board*, and multiple academic textbooks and mainstream books, including Fareed Zakaria’s *In defense of a liberal education* (2015), Tyler Cowen’s *Average is over* (2013), and Tom Clynes’s (2015) *The boy who played with fusion*.

ACADEMIC COLLABORATORS

Camilla P. Benbow, Vanderbilt University
Brad J. Bushman, Ohio State University
Megan Cacchio, Duke University
Yakup Cetin, Fatih University
Christopher F. Chabris, Union College
Lou DiGioia, MATHCOUNTS foundation
James Gambrell, ACT
Diane F. Halpern, Minerva Institute
Stephen D. H. Hsu, Michigan State University
Tomoe Kanaya, Claremont McKenna College
Harrison J. Kell, ETS
Yan Li, DePaul University
David Lincoln, Wealth-X

David Lubinski, Vanderbilt University
Matthew C. Makel, Duke University
Patrick Malone, Duke University
David I. Miller, Northwestern University
Kristen F. Peairs, Duke University
Martha Putallaz, Duke University
Heiner Rindermann, TU Chemnitz
Amanda Saw, Claremont Graduate University
James H. Steiger, Vanderbilt University
David H. Uttal, Northwestern University
Craig Volden, University of Virginia
Alan E. Wiseman, Vanderbilt University
Frank C. Worrell, University of California Berkeley