

# Patrick E. McKnight, Ph.D.

**Associate Professor of Psychology** | George Mason University

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Google Scholar | ORCID | GMU Profile

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## Education

**Ph.D. in Psychology (Clinical)**, University of Arizona, 1997 - *Dissertation: Calibration of Psychological Measures: An illustration of three quantitative calibration procedures. Chair: Lee Sechrest, Ph.D.*

**M.S. in Exercise and Sports Sciences**, University of Arizona, 1992 - *Thesis: The effects of cohesion and identifiability on social loafing. Chair: Jean M. Williams, Ph.D.*

**B.S. in Mechanical Engineering**, University of Notre Dame, 1988

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## Academic Positions

**Associate Professor**, George Mason University, Department of Psychology: Human Factors and Applied Cognition, 2011–Present

**Advisory Board Member**, Sense about Science USA, STATS.org, 2015–Present

**Consultant**, McKnight Consulting, LLC, Research and Technical Consulting, 2005–Present

**Assistant Professor**, George Mason University, Department of Psychology, 2005–2011

**Research Assistant Professor**, University of Arizona, Department of Psychology, EGAD, 2002–2005

**Health Sciences Specialist**, VA Puget Sound Health Care System, CESATE, 1999–2001

**Psychology Resident**, University of Washington, College of Medicine, Psychiatry and Behavioral Sciences, 1998–1999

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## Books

McKnight, P.E., McKnight, K.M., Sidani, S. & Figueredo, A.J. (2007). *Missing Data: A Gentle Introduction*. New York: Guilford Press. [3,200 citations]

Bootzin, R.R. & McKnight, P.E. (Eds) (2006). *Strengthening Research Methodology: Psychological Measurement and Evaluation*. Washington: American Psychological Association. [6 citations]

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## Book Chapters

- McKnight, P.E. & McKnight, K.M. (2013). Missing Data in Psychological Science. In Comer, J.S. & Kendall, P.C. (Eds.), *Oxford Handbook of Research Strategies for Clinical Psychology*. Oxford University Press.

- McKnight, P.E. & McKnight, K.M. (2011). Missing data in archival research. In Trzesniewski, K.H., Donnellan, M.B., & Lucas, R.E. (Eds.), *Obtaining and Analyzing Archival Data: Methods and Illustrations*. American Psychological Association.
  - McKnight, K.M. & McKnight, P.E. (2009). Measures for Improving Measures. In Streiner, D.L. & Sidani, S. (Eds.), *When Research Goes Off the Rails*. Guilford Press.
  - McKnight, P.E., McKnight, K.M., & Figueredo, A.J. (2005). The nature of a scientific legacy: The case study of Lee Sechrest. In Bootzin, R. & McKnight, P.E. (Eds.), *Strengthening Research Methodology: Psychological Measurement and Evaluation*. American Psychological Association.
  - Wilhelm, O. & McKnight, P.E. (2002). Ability and achievement testing on the World Wide Web. In Batinic, B., Reips, U.D., & Bosnjak, M. (Eds.), *Online Social Sciences*. Hogrefe & Hubers. [45 citations]
  - Sechrest, L., Davis, M.F., Stickle, T.R., & McKnight, P.E. (1999). Understanding ‘method’ variance. In Bickman, L. (Eds.), *Research Design: Donald Campbell’s Legacy*. Sage Publications.
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## Journal Articles

81 peer-reviewed articles

### 2025

- McKnight, P.E., Kashdan, T.B., MacKay, A., Kelso, K., & Gross, M. (2025). Purpose and happiness: A comparison. *Journal of Positive Psychology*.
- Kashdan, T.B., McKnight, P.E., Kelso, K., Craig, L., Guenoun, B., & Naughton, C. (2025). Multiple dimensions of workplace curiosity: Evidence of generalizability in nine countries. *Personality and Individual Differences*.
- Blanco-Donoso, Torio, L., Hurtado, M., Lecuona, O., Carmona-Cobo, I., Kashdan, T.B., McKnight, P.E., & Garrosa, E. (2025). Spanish adaptation of the Multidimensional Workplace Curiosity Scale. *Acta Psychologica*.

### 2024

- Jackson, K.M., Thayer, S.C., Simpson, K.L., Shaw, T.H., McKnight, P.E., & Helton, W.S. (2024). Swimming with a head-mounted display: dual-task costs. *Ergonomics*, 1-10.
- Kashdan, T.B., Kaufman, J.C., & McKnight, P.E. (2024). The costs of curiosity and creativity: Minimizing the downsides while maximizing the upsides. *Behavioral and Brain Sciences*, 47, e105.

### 2023

- Kashdan, T.B., Goodman, F.R., McKnight, P.E., Brown, B., & Rum, R. (2023). Purpose in life: A resolution on the definition, conceptual model, and optimal measurement. *American Psychologist*. [50 citations]
- Dang, J.A., Shaw, T.H., McKnight, P.E., & Helton, W.S. (2023). A closer look at warning cues on the sustained attention to response task performance. *Human Factors*, 65, 1793-1803. [5 citations]
- Harwood, A.E., Satterfield, K., Helton, W.S., McKnight, P.E., & Shaw, T.H. (2023). The Role of State and Trait Self-Control on the Sustained Attention to Response Task. *Human Factors*. [2 citations]

### 2022

- Lockhart, P.B., Thornhill, M.H., Zhao, J., et al. & McKnight, P.E. (2022). Factors that affect dentists’ use of antibiotic prophylaxis. *Journal of the American Dental Association*. [10 citations]

- Kashdan, T.B., McKnight, P.E., & Goodman, F.R. (2022). Evolving positive psychology: A blueprint for advancing the study of purpose in life, psychological strengths, and resilience. *Journal of Positive Psychology*, 17, 210-218. [45 citations]
- Dang, J.A., Shaw, T.H., McKnight, P.E., & Helton, W.S. (2022). A closer look at warning cues on the sustained attention to response task performance. *Human Factors*. [5 citations]

## 2021

- McKnight, P.E., Kidd, J.K., Gallington, D.A., Strauss, L.I., Lyu, H., Gadzichowski, K.M., & Pasnak, R. (2021). The Efficacy of Teaching Advanced Forms of Patterning to Kindergartners. *Creative Education*, 12, 557. [5 citations]

## 2020

- Kashdan, T.B., Disabato, D.J., Goodman, F.R., & McKnight, P.E. (2020). The Five-Dimensional Curiosity Scale Revised (5DCR): Briefer subscales while separating overt and covert social curiosity. *Personality and Individual Differences*, 157, 109836. [280 citations]
- Kashdan, T.B., Goodman, F.R., Disabato, D.J., McKnight, P.E., Kelso, K., & Naughton, C. (2020). Curiosity has comprehensive benefits in the workplace. *Personality and Individual Differences*, 155, 109717. [195 citations]
- Kashdan, T.B., Disabato, D.J., Goodman, F.R., Doorley, J.D., & McKnight, P.E. (2020). Understanding psychological flexibility: A multimethod exploration of pursuing valued goals despite the presence of distress. *Psychological Assessment*, 32, 829. [120 citations]
- Kashdan, T.B., Disabato, D.J., McKnight, P.E., Kelso, K.C., Lauber, M., & Goodman, F.R. (2020). Sexual assault: Exploring real-time consequences the next day and in subsequent days. *International Journal of Wellbeing*, 10. [15 citations]
- Gonçalves, S.F., Chaplin, T.M., López Jr, R., et al. & McKnight, P.E. (2020). High-Frequency Heart Rate Variability and Emotion-Driven Impulse Control Difficulties During Adolescence. *Journal of Early Adolescence*. [25 citations]
- Lockhart, P.B., Thornhill, M.H., Zhao, J., et al. & McKnight, P.E. (2020). Prophylactic antibiotic prescribing in dental practice. *Journal of the American Dental Association*, 151, 770-781. [35 citations]

## 2019

- Doorley, J.D., Kashdan, T.B., Alexander, L.A., Blalock, D.V., & McKnight, P.E. (2019). Distress tolerance in romantic relationships: A daily diary exploration with methodological considerations. *Motivation and Emotion*, 43, 505-516. [25 citations]
- Fontana, M., Eckert, G.J., Keels, M.A., et al. & McKnight, P. (2019). Predicting Caries in Medical Settings: Risk Factors in Diverse Infant Groups. *Journal of Dental Research*, 98, 68-76. [45 citations]
- Curby, T., McKnight, P., Alexander, L., & Erchov, S. (2019). Sources of variance in end-of-course student evaluations. *Assessment & Evaluation in Higher Education*. [15 citations]

## 2018

- Kashdan, T.B., Stikma, M.C., Disabato, D.D., McKnight, P.E., Bekier, J., Kaji, J., & Lazarus, R. (2018). The five-dimensional curiosity scale: Capturing the bandwidth of curiosity and identifying four unique subgroups of curious people. *Journal of Research in Personality*, 73, 130-149. [520 citations]
- Yarbro, J.L., & McKnight, P.E. (2018). An introduction to cost-effectiveness acceptability curves. *Clinical Practice in Pediatric Psychology*, 6, 179. [8 citations]

- Bock, A.M., Cartwright, K.B., McKnight, P.E., et al. & Pasnak, R. (2018). Patterning, reading, and executive functions. *Frontiers in Psychology*, 9, 1802. [45 citations]

## 2017

- Alexander, L.A., McKnight, P.E., Disabato, D.J., & Kashdan, T.B. (2017). When and How to use Multiple Informants to Improve Clinical Assessments. *Journal of Psychopathology and Behavioral Assessment*. [35 citations]
- Kashdan, T.B., Blalock, D.V., Young, K.C., Machell, K.A., Monfort, S.S., McKnight, P.E., & Ferssizidis, P. (2017). Personality Strengths in Romantic relationships. *Psychological Assessment*. [65 citations]
- Kashdan, T.B., Goodman, F.R., Stikma, M., Milius, C.R., & McKnight, P.E. (2017). Sexuality Leads to Boosts in Mood and Meaning in Life. *Emotion*. [45 citations]
- Monfort, S.S., Graybeal, J.J., Harwood, A.E., McKnight, P.E., & Shaw, T.H. (2017). A single-item assessment for remaining mental resources: development and validation of the Gas Tank Questionnaire. *Theoretical Issues in Ergonomics Science*. [25 citations]
- Bono, G., Froh, J.J., Disabato, D., Blalock, D., McKnight, P., & Bausert, S. (2017). Gratitude's role in adolescent antisocial and prosocial behavior: A 4-year longitudinal investigation. *Journal of Positive Psychology*. [55 citations]

## 2016

- de Visser, E.J., Monfort, S.S., McKendrick, R., Smith, M.A.B., McKnight, P.E., Krueger, F., & Parasuraman, R. (2016). Almost Human: Anthropomorphism Increases Trust Resilience in Cognitive Agents. *Journal of Experimental Psychology: Applied*. [280 citations]
- Foroughi, C.K., Monfort, S.S., Paczynski, M., McKnight, P.E., & Greenwood, P.M. (2016). Placebo effects in cognitive training. *Proceedings of the National Academy of Sciences*, 113, 7470-7474. [350 citations]
- Saad, M.A., McKnight, P., Quartuccio, J., Nicholas, D., Jaladi, R., & Corriveau, P. (2016). Online subjective testing for consumer-photo quality evaluation. *Journal of Electronic Imaging*, 25, 043009. [15 citations]

## 2015

- Kashdan, T.B., Feldman-Barrett, L., & McKnight, P.E. (2015). Unpacking emotion differentiation: Transforming unpleasant experience by perceiving distinctions in negativity. *Current Directions in Psychological Science*, 24, 10-16. [450 citations]
- McKnight, P.E., Monfort, S.S., Kashdan, T.B., Blalock, D.V., & Calton, J.M. (2015). Anxiety Symptoms and Functional Impairment: A Systematic Review of the Correlation between the Two Measures. *Clinical Psychology Review*, 45, 115-130. [180 citations]
- Shaw, T.H., Nguyen, C., Satterfield, K., Ramirez, R., & McKnight, P.E. (2015). Cerebral hemovelocity reveals differential resource allocation strategies for extraverts and introverts during vigilance. *Experimental Brain Research*, 234. [35 citations]
- Sattler, D.N., McKnight, P.E., Naney, L., & Mathis, R. (2015). Grant peer review: Improving inter-rater reliability with training. *PLoS One*, 10, e0130450. [85 citations]
- Graybeal, J.J., Bozzelli, P.L., Graybeal, L.L., Groeber, C.M., McKnight, P.E., Cox, D.N., & Flinn, J.M. (2015). Human ApoE  $\epsilon$ 4 Alters Circadian Rhythm Activity, IL-1 $\beta$ , and GFAP in CRND8 Mice. *Journal of Alzheimer's Disease*, 43, 823-834. [45 citations]

- Young, K.C., Kashdan, T.B., McKnight, P.E., Blalock, D.V., Yuen, M., & Richberg, J.B. (2015). Happy and unhappy adolescent bullies: Evidence for theoretically meaningful subgroups. *Personality and Individual Differences*, 75, 224-228. [25 citations]

## 2014

- VanDerhei, S., Rojahn, J., Stuewig, J., & McKnight, P.E. (2014). The Effect of Shame-Proneness, Guilt-Proneness, and Internalizing Tendencies on Nonsuicidal Self-Injury. *Suicide and Life-Threatening Behavior*, 44, 317-330. [95 citations]
- Kashdan, T.B., Adams, L.M., Farmer, A.S., Ferssizidis, P., McKnight, P.E., & Nezlek, J.B. (2014). Sexual healing: Daily diary investigation of the benefits of intimate and pleasurable sexual activity in socially anxious adults. *Archives of Sexual Behavior*, 43, 1417-1429. [55 citations]
- Kashdan, T.B., Yarbro, J., McKnight, P.E., & Nezlek, J.B. (2014). Laughter with someone else leads to future social rewards: Temporal change using experience sampling methodology. *Personality and Individual Differences*, 58, 15-19. [85 citations]
- Yarbro, J., Arfstrom, K.M., McKnight, K., & McKnight, P. (2014). Extension of a review of flipped learning. *Flipped Learning Network*. [450 citations]
- Kidd, J.K., Pasnak, R., Gadzichowski, K.M., Gallington, D.A., McKnight, P., Boyer, C.E., & Carlson, A. (2014). Instructing first-grade children on patterning improves reading and mathematics. *Early Education & Development*, 25, 134-151. [145 citations]

## 2013

- Kashdan, T.B., & McKnight, P.E. (2013). Commitment to a purpose in life: An antidote to the suffering by individuals with social anxiety disorder. *Emotion*, 13, 1150. [380 citations]
- Kashdan, T.B., Farmer, A.S., Adams, L.M., Ferssizidis, P., McKnight, P.E., & Nezlek, J.B. (2013). Distinguishing health adults from people with social anxiety disorder. *Journal of Abnormal Psychology*, 122, 645. [280 citations]
- Kashdan, T.B., Ferssizidis, P., Farmer, A.S., Adams, L.M., & McKnight, P.E. (2013). Failure to capitalize on sharing good news with romantic partners. *Behaviour Research and Therapy*, 51, 656-668. [120 citations]

## 2012

- Kashdan, T.B., Young, K.C., & McKnight, P.E. (2012). When is rumination an adaptive mood repair strategy?. *Journal of Anxiety Disorders*, 26, 762-768. [95 citations]

## 2011

- Thompson, J.C., Trafton, J.G., & McKnight, P. (2011). The perception of humanness from the movements of synthetic agents. *Perception*, 40, 695-704. [145 citations]
- Renshaw, K.D., McKnight, P., Caska, C.M., & Blais, R.K. (2011). The utility of the relationship assessment scale in multiple types of relationships. *Journal of Social and Personal Relationships*, 28, 435-447. [185 citations]
- Kashdan, T.B., Adams, L., Savostyanova, A., Ferssizidis, P., McKnight, P.E., & Nezlek, J.B. (2011). Effects of social anxiety and depressive symptoms on the frequency and quality of sexual activity. *Behaviour Research and Therapy*, 49, 352-360. [185 citations]
- Kashdan, T.B., & McKnight, P.E. (2011). Dynamic, contextual approaches to studying personality in the social world. *Journal of Personality*, 79, 1177-1190. [65 citations]

- Kashdan, T.B., McKnight, P.E., Fincham, F.D., & Rose, P. (2011). When curiosity breeds intimacy. *Journal of Personality*, 79, 1369-1401. [195 citations]
- McKnight, P.E., Johns, M.J., McGovern, P.J., & Najab, J. (2011). The pitfalls of a tool-based science and the promise of a problem-focused science. *Journal of Methods and Measurement in the Social Sciences*, 1, 1-14. [15 citations]
- Voelkle, M.C. & McKnight, P.E. (2011). One size fits all? A Monte-Carlo simulation on repeated measures (M)ANOVA and latent curve modeling. *Methodology*, 8, 23-38. [35 citations]

## 2010

- Kashdan, T.B. & McKnight, P.E. (2010). The darker side of social anxiety. *Current Directions in Psychological Science*, 19, 47-50. [285 citations]
- Farr, J., Going, S., McKnight, P.E., Kasle, S., Cussler, E., & Cornette, M. (2010). Progressive resistance training improves overall physical activity levels in patients with early osteoarthritis of the knee. *Physical Therapy*, 90, 356-366. [245 citations]
- Kasle, S., Wilhelm, M.S., McKnight, P.E., Sheikh, S.Z., & Zautra, A.J. (2010). Mutuality's prospective beneficial effect on inflammation in female rheumatoid arthritis patients. *Arthritis Care & Research*, 62, 92-100. [45 citations]
- McKnight, P.E., Kasle, S., Going, S., Villanueva, I., Cornett, M., Farr, J., Wright, J., Streeter, C., & Zautra, A. (2010). A comparison of strength training, self-management, and the combination for early osteoarthritis of the knee. *Arthritis Care & Research*, 62, 45-53. [265 citations]
- McKnight, P.E., Afram, A., Kashdan, T.B., Kasle, S., & Zautra, A. (2010). Coping self-efficacy as a mediator between catastrophizing and physical functioning. *Journal of Behavioral Medicine*, 33, 239-249. [115 citations]

## 2009

- Hofmann, S.G., Richey, J.A., Kashdan, T.B., & McKnight, P.E. (2009). Anxiety disorders moderate the association between externalizing problems and substance use disorders. *Journal of Anxiety Disorders*, 23, 529-534. [145 citations]
- Kashdan, T.B., McKnight, P.E., Richey, J.A., & Hofmann, S.G. (2009). When social anxiety disorder co-exists with risk-prone, approach behavior. *Behaviour Research and Therapy*, 47, 559-568. [245 citations]
- McKnight, P.E. & Kashdan, T.B. (2009). The importance of functional impairment to mental health outcomes. *Clinical Psychology Review*, 29, 243-259. [685 citations]
- McKnight, P.E. & Kashdan, T.B. (2009). Purpose in life as a system that creates and sustains health and well-being. *Review of General Psychology*, 13, 242-251. [1250 citations]

## 2007

- McKnight, P. & Babcock-Parziale, J. (2007). Respondent impact on functional ability outcome measures in vision rehabilitation. *Optometry and Vision Sciences*, 84, 721-728. [25 citations]

## 2006

- Coan, J.A., Allen, J.J., & McKnight, P.E. (2006). A capability model of individual differences in frontal EEG asymmetry. *Biological Psychology*, 72, 198-207. [685 citations]

- Caspi, O., McKnight, P., Kruse, L., Cunningham, V., Figueredo, A.J., & Sechrest, L. (2006). Evidence-based medicine: discrepancy between perceived competence and actual performance among graduating medical students. *Medical Teacher*, 28, 318-325. [165 citations]

## 2005

- Babcock-Parziale, J., McKnight, P.E. & Head, D.N. (2005). Evaluating the psychometric properties of a clinical and a self-report blind rehabilitation outcome measure. *Journal of Rehabilitation Research and Development*, 42, 487-498. [45 citations]
- McKnight, K.M., Sechrest, L., & McKnight, P.E. (2005). Psychology, psychologists, and public policy. *Annual Review of Clinical Psychology*, 1, 557-576. [85 citations]
- Bayles, K.A., Kim, E.S., Azuma, T., et al. & McKnight, P. (2005). Developing Evidence-Based Practice Guidelines for Speech-Language Pathologists Serving Individuals with Alzheimer's Dementia. *Journal of Medical Speech-Language Pathology*, 13, xiii-xxv. [85 citations]
- Schnyer, R., Conboy, L., Jacobson, E., McKnight, P., et al. (2005). Development of a Chinese Medicine Assessment Measure: An Interdisciplinary Approach using the Delphi Method. *Journal of Complementary and Alternative Medicine*, 11, 1005-1013. [165 citations]

## 2004

- Stroud, M., McKnight, P.E. & Jensen, M. (2004). Assessment of Self-Reported Physical Activity in Chronic Pain Patients: Development of an Abbreviated Roland-Morris Disability Scale. *Journal of Pain*, 5, 257-263. [185 citations]
- Conrad, K.J., Wright, B.D. & McKnight, P.E. (2004). Comparing Traditional and Rasch Analyses of the Mississippi PTSD Scale. *Journal of Applied Measurement*, 5, 15-30. [165 citations]
- Bayles, K.A., Tomoeda, C.K., McKnight, P.E., Helm-Estabrooks, N., & Hawley, J.N. (2004). Verbal perseveration in individuals with Alzheimer's disease. *Seminars in Speech and Language*, 25, 335-347. [95 citations]

## 2003

- McKnight, P.E. & Sechrest, L. (2003). The use and misuse of the term 'experience' in contemporary psychology. *Philosophical Psychology*, 16, 431-460. [85 citations]
- Reed, R.L., Hepburn, K., Adelson, R., Center, B., & McKnight, P. (2003). Low serum albumin levels, confusion and fecal incontinence: Are these risk factors for pressure ulcers?. *Gerontology*, 49, 255-259. [285 citations]
- Doctor, J.N., Wolfson, A.M., McKnight, P.E. & Burns, S.P. (2003). The effect of inaccurate FIM instrument ratings on prospective payment. *Archives of Physical Medicine and Rehabilitation*, 84, 46-50. [45 citations]

## 2002

- Schmalting, K.B., McKnight, P.E. & Afari, N. (2002). A prospective daily study of the relationship of moods and stress to pulmonary function among patients with asthma. *Journal of Asthma*, 39, 501-510. [125 citations]

## 2001

- Baer, J.S., Kivlahan, D.R., Blume, A., McKnight, P.E., & Marlatt, G.A. (2001). Brief intervention for heavy drinking college students: Four-year follow-up and natural history. *American Journal of Public Health*, 91, 1310-1316. [1450 citations]

## 2000

- Figueredo, A.J., McKnight, P.E., McKnight, K.M. & Sidani, S. (2000). Multivariate modeling of missing data within and across assessment waves. *Addiction*, 95, 361-380. [385 citations]

## 1996

- Sechrest, L., McKnight, P., & McKnight, K. (1996). Calibration of measures for psychotherapy outcome studies. *American Psychologist*, 51, 1065-1071. [485 citations]

## 1995

- Erickson, J.R., Stevens, S., McKnight, P.E., & Figueredo, A.J. (1995). Willingness for treatment as a predictor of retention and outcomes. *Journal of Addictive Diseases*, 14, 135-150. [165 citations]
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## Research Funding

**Total Funding:** \$6,890,206

**Crowdsourcing forecast models in intelligence** (PI: Georghe Tecuci)

IARPA | Co-Investigator | 2016–2021

**Distinguishing extraordinarily happy from psychologically flexible people** (PI: Todd Kashdan)

Koch Foundation | Co-Investigator — \$248,000 | 2016–2021

**Evaluation and Review of ONR Immersive Training Environments**

Office of Naval Research (ONR) | Principal Investigator — \$899,577 | 2014–2016

**Diagnosis and prediction of mild traumatic brain injury** (PI: Judith Babcock-Parziale)

VA Health Services Research and Development | Co-Investigator | 2009–2012

**Advancing Outcomes Measurement and Micro-costing in Blind Rehabilitation**

VA Health Services Research and Development | Co-Investigator — \$550,080 | 2006–2010

**Trait and State Frontal Brain Asymmetry in Depression**

NIH-NIMH | Co-Investigator — \$1,869,813 | 2004–2009

**Multidimensional Intervention in Osteoarthritis**

NIAMS | Co-Investigator — \$2,630,000 | 2003–2007

**Comprehensive Plan to Insure Capacity for Screening and Early Detection of Colorectal Cancer in Arizona**

Arizona Department of Health Services | Co-Investigator — \$275,000 | 2004–2006

**Positive Mental Health and Outcomes in Osteoarthritis**

Arthritis Foundation | Co-Investigator — \$313,500 | 2002–2006

**Tucson Energy Baseline Study**

Department of Energy / TMEC | Principal Investigator — \$19,000 | 2001–2002

**Calibration of Measures for Assessing Low-Vision Rehabilitation Patients**

VA Rehabilitation Research and Development | Co-Investigator — \$85,236 | 2001–2003

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# Teaching

## Graduate Courses

- **PSYC 611:** Introductory Statistics and Methods I
- **PSYC 612:** Introductory Statistics and Methods II
- **PSYC 642:** General Linear Modeling I
- **PSYC 643:** General Linear Modeling II
- **PSYC 754:** Multiple Regression
- **PSYC 757:** Bayesian Data Analysis
- **PSYC 734:** Measurement & Study of Peak Performance

## Undergraduate Courses

- **PSYC 301:** Introductory Statistics
  - **PSYC 325:** Psychopathology
  - **PSYC 405:** Mystery, Madness, and Murder
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## Doctoral Students

### Current Students

- Amrote Getu
- Kristin Carpenter
- Amie MacKay
- Dan Singer

### Completed (18)

- Dean Cisler, George Mason University, 2024
  - Kara Massick, George Mason University, 2024
  - Amanda Harwood, George Mason University, 2020
  - Michael Waltrip, George Mason University, 2020
  - Lisa Alexander, George Mason University, 2019
  - Max Shear, George Mason University, 2018
  - Simone Erchov, George Mason University, 2017
  - Jake Quartuccio, George Mason University, 2017
  - Sam Monfort, George Mason University, 2017
  - John Graybeal, George Mason University, 2016
  - Dan Blalock, George Mason University, 2016
  - Jessica Yarbro, George Mason University, 2016
  - Julius Najab, George Mason University, 2013
  - Mei Kuang Chen, University of Arizona, 2008
  - Michael Menke, University of Arizona, 2005
  - Kim Bissel, University of Arizona, 2001
  - Richard Lane, University of Arizona, 2000
  - Opher Caspi, University of Arizona, 2000
- 

## Professional Affiliations

- American Evaluation Association, 1991–Present — Chair, Quantitative Methods TIG (2001–present)

- American Statistical Association, 1997–Present
  - Association for Psychological Science, 1992–Present
  - Psychometric Society, 1997–Present
  - Society for the Science of Clinical Psychology, 1992–Present
  - American Association for the Advancement of Science, 2001–Present
  - American Psychological Association - Division 5, 2009–Present
  - Society for Judgment and Decision Making, 2010–Present
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## Technical Skills

**Statistical Software:** R, SAS, SPSS, Python, Stan, JAGS, Julia

**SEM/IRT:** lavaan, Mplus, EQS, LISREL, Onyx, Mx, mirt, ltm, Winsteps, Multilog, Bilog

**Programming:** R, Python, C/C++, Fortran, Julia, SQL, LaTeX, Quarto, Shiny

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## Scholarly Impact

Metric	Value
Total Citations	17,454
h-index	62
i10-index	108
Publications	90+

*Source: Google Scholar, 2026-01-29*

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## Beyond Academia

**Mountaineering:** Everest (2018), Aconcagua (2017), Denali (2011)

**Marathon Swimming:** English Channel, Catalina Channel, 20 Bridges Manhattan

- Triple Crown of Marathon Swimming - Fastest Known Time (34 days)
- Ranked Top 50 Most Adventurous Open Water Swimmers
- 10th Member of Peak & Pond Club (2018)

**Triathlon:** Canadian Ironman (10:03)

**Erdos Number:** 6

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*Last updated: February 02, 2026*