

**CURRICULUM VITAE***Patrick Everett McKnight***PERSONAL INFORMATION**

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**EDUCATION**

<b>Degree</b>	<b>University and Details</b>	<b>Field</b>	<b>Year</b>
<b>B.S.</b>	University of Notre Dame College of Engineering Department of Mechanical Engineering Notre Dame, IN	Mechanical Engineering	<b>1988</b>
<b>M.S.</b>	University of Arizona College of Science Department of Exercise and Sports Sciences Tucson, AZ Thesis Title: The effects of cohesion and identifiability on social loafing. Thesis Chair: Jean M. Williams, Ph.D.	Exercise and Sports Sciences	<b>1992</b>
<b>Ph.D.</b>	University of Arizona College of Social Sciences Department of Psychology Tucson, AZ Dissertation Title: Calibration of Psychological Measures: An illustration of three quantitative calibration procedures. Dissertation Chair: Lee Sechrest, Ph.D.	Psychology (Clinical)  Major: Clinical Psychology  Minor: Program Evaluation and Research Methods	<b>1997</b>

**CURRICULUM VITAE****EMPLOYMENT****ACADEMIC AND PROFESSIONAL APPOINTMENTS (CURRENT)**

<b>Associate Professor</b>	George Mason University	Department of Psychology	August 2011 - present
<b>Consultant</b>	Public Interest Research Services (PIRS)	Research and Technical Consulting	October 2001 - present

**ACADEMIC AND PROFESSIONAL APPOINTMENTS (PREVIOUS)**

<b>Assistant Professor</b>	George Mason University	Department of Psychology	August 2005 - August 2011
<b>Research Assistant Professor</b>	University of Arizona	Department of Psychology; Evaluation Group for the Analysis of Data (EGAD)	August 2002 - August 2005
<b>Research Advisor</b>	Southern Arizona Veterans Administration Health Care System (VA)	Research Steering Committee	August 2003 - August 2005
<b>Adjunct Assistant Professor</b>	University of Arizona	Department of Psychology; Evaluation Group for Analysis of Data (EGAD)	October 2001 - August 2002
<b>Health Sciences Specialist</b>	VA Puget Sound Health Care System - Seattle, WA	Center of Excellence in Substance Abuse Treatment and Education (CESATE)	July 1999 - October 2001
<b>Psychology Resident</b>	University of Washington, Seattle, WA	College of Medicine; Department of Psychiatry and Behavioral Sciences	July 1998 - June 1999
<b>Research Assistant</b>	University of Arizona, Tucson, AZ	Department of Psychology; University of Arizona Biology/Biochemistry Research Program (UBURP)	August 1996 - June 1998
<b>Evaluation Consultant</b>	University of Arizona, Tucson, AZ	Department of Family and Community Medicine; Native American Research and Training Center (NARTC)	September 1996 - June 1998
<b>Research Specialist, Sr.</b>	University of Arizona, Tucson, AZ	Department of Family and Community Medicine; Native American Research	September 1994 - September 1996

**CURRICULUM VITAE**

		and Training Center (NARTC)	
<b>Adjunct Lecturer</b>	University of Arizona, Tucson, AZ	Department of Public Administration and Policy; Taught program evaluation course	Fall Semesters 1994 - 1996
<b>Research Specialist, Sr.</b>	University of Arizona, Tucson, AZ	Department of Family and Community Medicine; Office of Rural Health; Evaluation of substance abuse prevention program	May 1993 - October 1995
<b>Psychology Extern</b>	Arizona Department of Corrections, Tucson, AZ	Arizona State Prison Complex - Tucson	July 1994 - July 1995
<b>Research Specialist</b>	University of Arizona, Tucson, AZ	Department of Family and Community Medicine; Substance Abuse Treatment Needs Assessment Project	October 1994 - February 1995
<b>Research Specialist</b>	University of Arizona, Tucson, AZ	Department of Family and Community Medicine; Office of Substance Abuse Prevention project	February 1992 - May 1993

**CONSULTATIONS AND CONTRACTS**

<b>Type (Dates)</b>	<b>Consulting Agency</b>	<b>Description of Duties</b>
Research (Jun 12 - present)	Management Services for Health (MSH)	Provide data analysis and technical report writing support for field trials conducted in multiple locations throughout Africa.
Research (Jan 12 - present)	University of Michigan, College of Medicine, Department of Dentistry	Provide data analysis, psychometric analysis, and instrument development to a project that aims to measure pediatric dental caries in newborns to 2 year olds.
Research (Dec 11 - present)	Google, Inc.	Provide data analysis, design, and research methodology consultation on various projects.
Research (Sept 10 - present)	Pearson, Inc.	Provided data analysis, design, and research methodology consultation on various projects.
Research (Jan 09 - present)	Arthritis Center, University of Arizona, College of Medicine	Provided data analysis, research methodology, and measurement consultation for a federally funded research project focused on determining the extent of couple's relationship quality to health

**CURRICULUM VITAE**

		care outcomes.
Research (Mar 10-May 10)	Institute for Educational Science (IES) via Magnolia Consulting	Provided data analysis and report for a federally funded research project focused on educational achievement for disadvantaged youths.
Training (June 09-July 09)	Arizona Cancer Center, University of Arizona, College of Medicine	Trained cancer center staff to use the statistical package R
Research ( Aug 07 - Dec 07)	US Department of Justice via COSMOS Corporation	Provided data management, analysis, and report for a federally funded project to evaluate an intensive program for gang membership abatement.
Research (Jan 07-Dec 07)	US Department of Education via COSMOS Corporation	Provided data management, analysis, and report for a federally funded project to evaluate voluntary public school choice (VPSC) in the US education system.
Research (Jan 04 - Aug 04)	Department of Cardiology, University of Arizona, College of Medicine	Provided data analysis support for several long-term treatment out-come studies examining the coronary artery bypass graft surgery with high-risk native American populations in the Southwest.
Research (Aug 03 - Aug 04)	Department of Psychiatry, University of Washington, University Psychiatric Outpatient Clinic, College of Medicine	Provided guidance on developing outpatient evaluation tools and therapeutic outcome measure procedures.
Research (Sept 03-Sept 04)	NIH-National Institute of Mental Health, Bethesda	Oversaw the systematic review of rural mental health to assess what we have learned over the past 25 years of federally funded rural health research.
Research (June 03 - July 03)	Department of Cardiology, University of Arizona, College of Medicine	Provided measurement consultation and data analysis support for treatment outcome study - to be published in the proceedings of the American Cardiology Association annual

**CURRICULUM VITAE**

		conference.
Research (June 03 - July 03)	Oregon Department of Correction, Multnomah County	Consulted on the development of outcome measures to assess whether any bias in sentencing exists in non-mandatory sentencing judgements.
Research (April 2003)	NIH-National Institute for Drug Abuse, Bethesda	Participated in an NIH/NIDA expert review on the nature and complexities of group treatment research.
Research (July 02 - Sept 02)	NIH-National Institute for Drug Abuse	Provided a review of the current state of science for a NIDA sponsored measurement project.
Research (Oct 01 - Sept 05)	Department of Speech and Hearing Sciences. University of Arizona	Consulted and collaborated on several research projects focused on dementia and hearing loss with the elderly. Developed national guidelines for speech and language treatment of patients with dementia.
Research (Mar 01 - Aug 02)	Tucson Metropolitan Energy Commission, Tucson, AZ	Consulted on the evaluation of energy consumption in the Civano community as well as by homes in the greater Tucson metropolitan area.
Research (Feb 99 - Feb 00)	University of Washington, Department of Psychiatry and Behavioral Medicine	Consulted and collaborated with faculty on outcome evaluation of asthma and peak flow (FEV) monitoring.
Research (Aug 98 - Jan 99)	Pennsylvania State University, Department of Psychology	Consulted on student's dissertation focusing on children's social interactions.
Research (Aug 97 - Aug 98)	University of Minnesota, College of Medicine	Consulted with researchers on drug trial of human growth hormone as an adjunct to rehabilitation in knee replacement surgery with the elderly.
Research (Jan 98 - June 98)	University of Arizona, College of Medicine	Consulted with researchers on design and analysis of study on alexithymia.
Research (Aug 97 - June 98)	Health Services Advisory Group (HSAG), Phoenix, AZ	Consulted with group on best analyses for Nationwide VA health status questionnaire. Analyzed data for presentation to the Veterans

**CURRICULUM VITAE**

Affairs Health Services Research & Development group.

Research (May 97 - June 98)	University of Minnesota, College of Medicine	Analyzed data for pressure ulcer prevention protocol dissemination program.
Research (Oct 93-Oct 95)	University of Arizona, Department of Psychology.	Evaluated the outcome and process of the ASSET project using structural equations modeling.
Research (Jan 94 - Apr 94)	University of Arizona, Department of Family and Community Medicine.	Evaluated the outcome of a survey of rape victims.
Research (Apr 92 - Sept 92)	University of Arizona, Department of Psychology.	Developed software and consulted on data collection on insomnia project.

**PROFESSIONAL SERVICE****PROFESSIONAL AFFILIATIONS**

American Evaluation Association	1991 - present
American Statistical Association	1997 - present
Association for Psychological Science (APS)	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

**JOURNAL REVIEWS**

New Directions in Program Evaluation	Associate Editor
Medical Care	Panel Reviewer
Journal of Traumatic Stress	Panel Reviewer
Psychological Review	Ad hoc Reviewer
Journal Consulting and Clinical Psychology	Ad hoc Reviewer
Psychological Assessment	Ad hoc Reviewer
Evaluation and Program Planning	Ad hoc Reviewer
Journal of Rehabilitation Psychology	Ad hoc Reviewer
American Psychologist	Ad hoc Reviewer
Investigative Ophthalmology & Visual Science	Ad hoc Reviewer
American Journal of Evaluation	Ad hoc Reviewer
Journal of Memory and Language	Ad hoc Reviewer
Applied Psychological Measurement	Ad hoc Reviewer
Proceedings of The Library of Science (PLoS One)	Ad hoc Reviewer

**PROFESSIONAL REVIEW PANELS**

**CURRICULUM VITAE**

NIH-National Institute for Drug Abuse  
 Cancer Institute  
 Affairs - Health Services Research and Development  
 Affairs - Rehabilitation Research and Development

Ad Hoc Reviewer NIH-National  
 Ad Hoc Reviewer Veterans  
 Panel Reviewer Veterans  
 Panel Reviewer

**RESEARCH****JOURNAL PUBLICATIONS**

1. 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(4), 135-150. (Times cited: 50)<sup>1</sup>
2. Sechrest, L., **McKnight, P.**, & McKnight, K. (1996). Calibration of measures for psychotherapy outcome studies. *American Psychologist*, 51(10), 1065-1071. (Times cited: 121)
3. Reed, R.L., Hepburn, K., Adelson, R., Center, B. & **McKnight, P.** (1999). Risk factors for development of stage 2 or greater pressure ulcers in hospitalized older adults. *Journal of the American Geriatrics Society*, 47(9), S4-S4. (Times cited: 0)
4. Figueredo, A.J., **McKnight, P.E.**, McKnight, K.M. & Sidani, S. (2000). Multivariate modeling of missing data within and across assessment waves. *Addiction*, 95 (Supplement 3), 361-380. (Times cited: 50)
5. 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(8), 1310-1316. (Times cited: 316)
6. Schmalings, 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(6), 501-510. (Times cited: 25)
7. Doctor, J.N., Wolfson, A.M., **McKnight, P.E.** & Burns, S.P. (2003). The effect of inaccurate FIM instrument ratings on prospective payment: A study of clinician expertise and FIM rating difficulty as contributing to inaccuracy. *Archives of Physical Medicine and Rehabilitation*, 84(1), 46-50. (Times cited: 2)
8. Reed RL, Hepburn K, Adelson R, Center B, & **McKnight P.** (2003). Low serum albumin levels, confusion and fecal incontinence: Are these risk factors for pressure ulcers in mobility-impaired hospitalized adults? *Gerontology* 49(4), 255-259. (Times cited: 40)
9. **McKnight, P.E.** & Sechrest, L. (2003). The use and misuse of the term 'experience' in contemporary psychology: A reanalysis of the experience-performance relationship. *Philosophical Psychology*, 16(3), 431-460. (Times cited: 10)
10. 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. *The Journal of Pain*, 5(5), 257-263. (Times cited: 23)
11. Conrad, K.J., Wright, B.D. & **McKnight, P.E.** (2004). Comparing Traditional and Rasch Analyses of the Mississippi PTSD Scale: Revealing Limitations of Reverse-Scored Items. *Journal of*

<sup>1</sup> Citation counts updated on June 25th, 2015 from Web of Science, PSYCInfo, and Google Scholar

**CURRICULUM VITAE**

- Applied Measurement, 5(1), 15-30. (Times cited: 21)
12. Bayles, K.A., Tomoeda, C.K., **McKnight, P.E.**, Helm-Estabrooks, N., and Hawley, J.N. (2004). Verbal perseveration in individuals with Alzheimer's disease. *Semin Speech Lang*, 25(4), 335-47. (Times cited: 11)
13. 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(4): 487-498. (Times cited: 8)
14. McKnight, K.M., Sechrest, L., & **McKnight, P.E.** (2005) Psychology, psychologists, and public policy. *Annual Review of Clinical Psychology*, 1, 557-576. (Times cited: 9)
15. Bayles, K.A., Kim, E.S., Azuma, T., Chapman, S.B., Cleary, S., Hopper, T., Mahendra, N., **McKnight, P.**, Rackley, A., Tomoeda, C., and Zientz, J. (2005). Developing Evidence-Based Practice Guidelines for Speech-Language Pathologists Serving Individuals with Alzheimer's Dementia. *Journal of Medical Speech-Language Pathology*, Vol 13(4), Dec 2005. pp. xiii-xxv. (Times cited: 5)
16. Schnyer, R, Conboy, L, Jacobson, E, **McKnight, P**, Goddard, T, Moscatelli, F, Legedza, A, Kerr, C, Kaptchuk, T, and Wayne, P. (2005). Development of a Chinese Medicine Assessment Measure: An Interdisciplinary Approach using the Delphi Method. *Journal of Complementary and Alternative Medicine*, 11(6), 1005-1013. (Times cited: 22)
17. Coan, J.A., Allen, J.J., and **McKnight, P.E.** (2006). A capability model of individual differences in frontal EEG asymmetry. *Biological Psychology*, 72(2), 198-207. (Times cited: 54)
18. Caspi, O., **McKnight, P.**, Kruse, L., Cunningham, V., Figueredo, A.J., and Sechrest, L. (2006). Evidence-based medicine: discrepancy between perceived competence and actual performance among graduating medical students. *Medical Teacher*, 28(4), 318-325. (Times cited: 22)
19. **McKnight, P.** & Babcock-Parziale, J. (2007). Respondent impact on functional ability outcome measures in vision rehabilitation. *Optometry and Vision Sciences*, 84(8), 721-728. (Times cited: 5)
20. Hofmann, S.G., Richey, J.A., Kashdan, T.B., and **McKnight, P.E.** (2009). Anxiety disorders moderate the association between externalizing problems and substance use disorders: Data from the National Comorbidity Survey-Revised. *Journal of Anxiety Disorders*, 23(4), 529-534. (Times cited: 9)
21. Kashdan, T.B., **McKnight, P.E.**, Richey, J.A., and Hofmann, S.G. (2009). When social anxiety disorder co-exists with risk-prone, approach behavior: Investigating a neglected, meaningful subset of people in the National Comorbidity Survey-Replication. *Behaviour Research and Therapy*, 47(7), 559-568. (Times cited: 18)
22. **McKnight, P.E.** & Kashdan, T.B. (2009). The importance of functional impairment to mental health outcomes: A case for reassessing our goals in depression treatment research. *Clinical Psychology Review*, 29(3), 243-259. (Times cited: 19)
23. **McKnight, P.E.** & Kashdan, T.B. (2009). Purpose in life as a system that creates and sustains health and well-being: An integrative testable theory. *Review of General Psychology*, 13(3), 242-251. (Times cited: 33)
24. Kashdan, T.B. & **McKnight, P.E.** (2010). The darker side of social anxiety: When aggressive impulsivity prevails over shy inhibition. *Current Directions in Psychological Science*, 19(1), 47-50. (Times cited: 8)



**CURRICULUM VITAE**

25. 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: A randomized controlled trial. *Physical Therapy*, 90, 356-366. (Times Cited: 12)
26. 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(1), 92-100. (Times Cited: NA).
27. **McKnight, P.E.**, Kasle, S., Going, S., Villanueva, I., Cornett, M., Farr, J., Wright, J., Streeter, C., and Zautra, A. (2010). A comparison of strength training, self-management, and the combination for early osteoarthritis of the knee. *Arthritis Care & Research*, 62(1). 45-53. (Times Cited: 10)
28. **McKnight, P.E.**, Afram, A., Kashdan, T.B., Kasle, S., and Zautra, A. (2010). Coping self-efficacy as a mediator between catastrophizing and physical functioning: Treatment target selection in an osteoarthritis sample. *Journal of Behavioral Medicine*, 33, 239-249. (Times Cited: 1)
29. Thompson, J.C., Trafton, J.G., & **McKnight, P.** (2011). The perception of humanness from the movements of synthetic agents. *Perception*, 40, 695-704. (Times Cited: NA)
30. Renshaw, K.D., **McKnight, P.**, Caska, C.M., and 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. (Times Cited: 2).
31. Kashdan, T.B., Adams, L., Savostyanova, A., Ferssizidis, P., **McKnight, P.E.**, and Nezlek, J.B. (2011). Effects of social anxiety and depressive symptoms on the frequency and quality of sexual activity: A daily process approach. *Behaviour Research and Therapy*, 49, 352-360. (Times Cited: 5)
32. Kashdan, T.B., & **McKnight, P.E.** (2011). Dynamic, contextual approaches to studying personality in the social world. *Journal of Personality*, 79, 1177-1190. (Times Cited: NA)
33. Kashdan, T.B., **McKnight, P.E.**, Fincham, F.D., & Rose, P. (2011). When curiosity breeds intimacy: Taking advantage of intimacy opportunities and transforming boring conversations. *Journal of Personality*, 79, 1369-1401. (Times Cited: 6)
34. **McKnight, P.E.**, Johns, M.J., McGovern, P.J., and 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. (Times Cited: NA)
35. Voelkle, M.C. & **McKnight, P.E.** (2011). One size fits all? *Methodology: European Journal of Research Methods for the Behavioral and Social Sciences*, 8, 23-38. (Times Cited: NA)
36. Kashdan, T.B., Young, K.C., & **McKnight, P.E.** (2012). When is rumination an adaptive mood repair strategy? Day-to-day rhythms of life in combat veterans with and without post-traumatic stress disorder. *Journal of Anxiety Disorders*, 26(7), 762-768.
37. 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(6), 1150.
38. 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: Evidence for the value of experiential avoidance and positive emotions in everyday social interactions. *Journal of Abnormal Psychology*, 122(3), 645-.
39. Kashdan, T. B., & McKnight, P. E. (2013). Commitment to a purpose in life: An antidote to the

**CURRICULUM VITAE**

- suffering by individuals with social anxiety disorder. *Emotion*, 13(6), 1150.
40. Kashdan, T. B., Ferrisizidis, P., Farmer, A. S., Adams, L. M., & **McKnight, P. E.** (2013). Failure to capitalize on sharing good news with romantic partners: Exploring positivity deficits of socially anxious people with self-reports, partner-reports, and behavioral observations. *Behaviour research and therapy*, 51(10), 656-668.
41. 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(3), 317-330.
42. Kashdan, T.B., Adams, L.M., Farmer, A.S., Ferrisizidis, 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(7), 1417-1429.
43. Kashdan, T.B., Yarbrow, 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.
44. Yarbrow, J., Arfstrom, K. M., McKnight, K., & **McKnight, P.** (2014). *Extension of a review of flipped learning*.
45. 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(1), 134-151.
46. 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: JAD*, 43(3), 823-834.
47. 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(1), 10-16.
48. 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.
49. Sattler, D.N., McKnight, P.E., Naney, L., & Mathis, R. (2015). Grant peer review: Improving inter-rater reliability with training. *PloS one*, 10(6), e0130450.

**BOOKS**

Bootzin, R.R. & McKnight, P.E. (Eds) (2006) *Strengthening Research Methodology: Psychological Measurement and Evaluation*. Washington, APA. (Times cited: 6)

McKnight, P.E., McKnight, K.M., Sidani, S. & Figueredo (2007) *Missing Data: A gentle introduction*. New York, Guilford Press. (Times cited: 396)

**BOOK CHAPTERS**

Wilhelm, O., Witthoef, M., McKnight, P., & Groessler, A. (1999). On the psychometric quality of new ability tests administered using the WWW. In U.-D. Reips (Ed.), *Current Internet science - trends, techniques, results*. Aktuelle Online-Forschung - Trends, Techniken, Ergebnisse. Zurich: Online

**CURRICULUM VITAE**

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Sechrest, L., Davis, M.F., Stickle, T.R., and McKnight, P.E. (1999). Understanding "method" variance. In L. Bickman (Ed.) *Research Design: Donald Campbell's Legacy*. Thousand Oaks, CA: Sage Publications.

Wilhelm, O. and McKnight, P.E. (2002). Ability and achievement testing on the World Wide Web. In B. Batinic, U.D. Reips, and M Bosnjak (Eds.) *Online social sciences*. Goettingen, Germany: Hogrefe & Hubers Publishers, Inc. (Times cited: 14)

McKnight, P.E., McKnight, K.M., and Figueredo, A.J. (2005) The nature of a scientific legacy: The case study of Lee Sechrest. In R. Bootzin and P.E. McKnight (Eds.) *Strengthening Research Methodology: Psychological Measurement and Evaluation*. Washington, APA.

McKnight, K.M. and McKnight, P.E. (2009). Measures for Improving Measures. In Streiner, D. L., & Sidani, S. (Eds.). *When Research Goes Off the Rails*. New York: Guilford Press.

McKnight, P.E. and 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*. Washington, DC: American Psychological Association.

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

**PUBLISHED CONFERENCE PROCEEDINGS**

Cam, K.M., McKnight, P.E. and Doctor, J.N. (2002). The Delphi method online: Medical expert consensus via the Internet. *Proceedings of the AMIA Symposium, American Medical Informatics Association*, 990. (Times cited: 3)

Coan, J.A., Allen, J.J.B., and McKnight, P.E. (2002). Generalizability of trait- and state-manipulated frontal EEG asymmetry. *Psychophysiology*, 39 (Suppl. 1), S26-S26.

Chen, M.K., and McKnight, P. (2004). Confirmatory factor analysis in measurement development: A model comparison between CFA and classical test theory. *International Journal of Psychology*, 39(5-6) Suppl. S., 66-66.

McKnight P., and Chen M.K. (2004). Evaluating measurement models. *International Journal of Psychology*, 39 (5-6) Suppl. S., 66-66.

Fridel, K.W., Cousins, J.C., McKnight, P.E., and Bootzin, R.R. (2004). A multitrait-multimethod analysis of sleep log and actigraphy assessment in adolescents recovering from substance abuse. *Sleep*, 27(831 Suppl. S), 371-372. (Times cited: 0)

Algotar, A.M., Martinez, E.M., McKnight, P.E., Heigh, R.I., and Lance P (2005). Results of a survey to assess colorectal cancer screening capacity in arizona. *American Journal of Epidemiology*, 161 (11) Suppl. S., S131-S131. (Times cited: 0)

Kasle S., McKnight, P.E., Sheikh, S.Z., Swe, K., Lisse, J.R., Wilhelm, M.S., and Zautra, A.J. (2008). DMARD Use, Marital Satisfaction, and Inflammation in RA. *Arthritis and Rheumatism*, 58(9)(suppl),

**CURRICULUM VITAE**

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Kasle S., Sheikh, S.Z., McKnight, P.E., Swe, K., Lisse, J.R., Wilhelm, M.S., and Zautra, A.J. (2008). Mutuality Protects against Inflammation in Rheumatoid Arthritis Patients. *Arthritis and Rheumatism*, 58(9)(suppl), S209.

de Visser, E., Krueger, F., McKnight, P., Scheid, S., Smith, M., Chalk, S., & Parasuraman, R. (2012). The world is not enough: Trust in cognitive agents. *Human Factors and Ergonomics Society Annual Meeting Proceedings, Cognitive Engineering and Decision Making*.

Quartuccio, J., Franz, S., Gonzalez, C., Kenner, N., Cades, D.M., Sala, J.B., Arndt, S.R., & McKnight, P. (2014). Seeing is believing: The use of data visualization to identify trends for cycling safety. *Human Factors and Ergonomics Society Annual Meeting Proceedings, Cognitive Engineering and Decision Making*.

**PUBLICATIONS IN PRESS****SUBMITTED PAPERS FOR PUBLICATION**

Sechrest, L., McKnight, P.E., and Wood, J. The task of combining measures Submitted to *Assessment*

McKnight, P.E., and Chen, M.K. A critical evaluation of CFA fit statistics. Paper submitted to *Applied Psychological Measurement*

McKnight, P.E. and Najab, J. When might multiple imperfect measures be preferable over the elusive perfect single measure? Paper submitted to *Applied Psychological Measurement*

Sechrest, L. and McKnight, P.E. Research in naturalistic settings. Paper to appear in the *Annual Review of Psychology*.

McKnight, P.E., Thompson, P., Menke, J.M, Martinez, E. and Lance, P. Colorectal cancer screening: A Bayesian cost-effectiveness model update after a decade of scientific advances. Paper to appear in *The Lancet*.

McKnight, P.E., Kashan, T.B., Johnson, L., and Zautra, A.J. Predicting arthritis treatment outcomes within an approach-avoidance framework: A novel application of an established theory. Paper under Review at *Psychological Science*.

**PAPERS IN PREPARATION**

McKnight, P.E., McKnight, K.M., and Sidani, S. A three-year comprehensive review of missing data in published research. Paper to be submitted to the *Journal of Consulting and Clinical Psychology*.

McKnight, P.E. and Steuwig, J. Patterns in everyday data. Paper to be submitted to *Psychological Methods*

## CURRICULUM VITAE

### SOFTWARE (GPL)

Social Science Measurement Project: An open source software project focused on the development and free distribution of software to analyze social science measures. Available online at: <http://ssm.sf.net/>

Delphi Online Project: An open-source software project dedicated to producing high-quality software to conduct online delphi studies. Available online at: <http://delphionline.sf.net/>

Statistics Courseware: An open-source educational package that offers professors teaching undergraduate statistics the opportunity to randomly assign different datasets to each student for exams and quizzes. The program also administers quizzes via internet and randomly selects items, restricts administration time, and provides immediate feedback.

MRES R package: An open-source package for the R statistical software. The MRES package consists of data reduction routines typically used in measurement research.

### AWARDS AND PROFESSIONAL APPOINTMENTS

American Evaluation Association  
Methods November 2001 to present

Chair for the Topical Interest Group for Quantitative

### EXTRAMURAL FUNDING

**Co-Investigator** Alcohol and Drug Abuse Institute: University of Washington.  
Utilities for Mental Health Outcomes Among Individuals with Co-occurring Substance Use Disorders and Schizophrenia.  
Goals were to study the feasibility of measuring patient preferences with dual diagnosis patients within the Veterans Administration.  
January 15th, 2000 - January 15th, 2001.  
\$15,251.00. [1. FTE donated]

**Co-Investigator** National Center for Neurogenic Communication Disorders.  
University of Arizona  
Department of Speech and Hearing Sciences.  
Goals are to provide ongoing support for research in the area of speech related disorders.  
October 1st, 2000 - October 1st, 2001.  
\$250,000. [.1 FTE]

**Principal Investigator** Department of Energy and the Tucson Metropolitan Energy Commission.  
Tucson Energy Baseline Study: An extended evaluation of the Civano develop community.  
Goals are to establish an energy consumption baseline estimate for Tucson homes built within the year

**CURRICULUM VITAE**

of 1998. April 1st , 2001 - April 1st , 2002.

\$19,000. [.20 FTE]

**Co-Investigator** Rehabilitation Research and Development

Veterans Affairs Administration.

Calibration of Measures for Assessing Low-Vision Rehabilitation

Patients within the Veterans Administration.

Goals are to improve the measurement of rehabilitation outcomes with veterans completing low-vision rehabilitation programs throughout the United States.

July 1st , 2001 - January 1st , 2003.

\$85,236. [.20 FTE]

**Co-Investigator** Arizona Department of Health Services

Comprehensive Plan to Insure Capacity for Screening and Early Detection of Colorectal Cancer in Arizona. The goals of the project are to assess the barriers to prescription, referral, and delivery of colorectal

cancer screening procedures in Arizona. April 1st, 2004 – June 31st, 2006.

\$275,000. [.10 FTE]

**Co-Investigator** Arthritis Foundation Clinical Science Grant

Positive Mental Health and Outcomes in Osteoarthritis. Goals are to prospectively study the predictive role of personality traits and affect on pain, physical function and global status or quality of life in a sample of individuals with osteoarthritis of the knee.

July 1st, 2002 - June 30th, 2006.

\$313,500. [.08 FTE]

**Co-Investigator** National Institute of Arthritis and Multiple Sclerosis

Multidimensional Intervention in Osteoarthritis.

Goals are to test the hypothesize that implementation of a long-term multidimensional intervention incorporating both an exercise and a self-management program in a sample of subjects with early knee osteoarthritis will result in a significant improvement in physical function, as compared with each of the two components alone.

January 1st , 2003 – December 31st, 2007.

\$2,630,000. [.15 FTE]

**Co-Investigator** National Institute of Mental Health

Trait and State Frontal Brain Asymmetry in Depression. Goals are to 1) To assess the relative contributions of trait, occasion, and state variance in frontal EEG asymmetry; 2) To assess whether frontal EEG asymmetry has characteristics that suggest it may profitably serve as a marker of risk for major depressive disorder; and, 3) To assess the acute impact of a widely used selective serotonin reuptake inhibitor on frontal EEG asymmetry.

April 1st, 2004 – March 31st, 2009.

\$1,869,813. [.10 FTE]

**Principal Investigator** Department of Energy and the Tucson Metropolitan Energy Commission.

Tucson Energy Baseline Study: An evaluation of energy usage in the Tucson community.

Goals are to establish an energy consumption baseline estimate for Tucson homes built within the year of 2001. July 1st , 2004 - October 1st, 2004.

**CURRICULUM VITAE**

\$5,000. [.1 FTE]

**Co-Investigator**

Veterans Administration

Health Services Research and Development (HSR&D) Advancing Outcomes Measurement and Micro-costing in Blind Rehabilitation.

Goals are to finalize development of a low-vision rehabilitation outcome instrument and calibrating those outcomes to costs associated with the rehabilitation process.

January 1st, 2006 - December 31st, 2010.

\$550,080. [.25 FTE]

HSR&D Funding Reference: SLI 02-231-1

**Co-Investigator**

Veterans Administration

Health Services Research and Development (HSR&D) Diagnosis and prediction of mild traumatic brain injury Goals are to establish a diagnostic system for mild traumatic brain injury in deployed and post-deployed military personnel.

June 1st, 2009 - May 31st, 2012

P.I.: Judith Babcock-Parziale, Ph.D. HSR&D Funding Reference: TBA

**Principal Investigator**

Office of Naval Research (ONR)

Evaluation and Review of ONR Immersive Training Environments

January 1st, 2014 - December 31st, 2016

\$899,577 [.25 FTE]

**UNFUNDED GRANT PROPOSALS****Co-Investigator**

Department of Homeland Security

Psychological distress and successful adaptation to stress in first responders.

2011-2013

P.I.: Todd Kashdan

\$434,954 requested

**Co-I Institute for Education Research (IES)**

Focus on the Efficacy of Teaching Advanced Forms of Patterning on Kindergartners' Improvement in Reading, Mathematics, and Reasoning Ability

PI: Bob Pasnak

Submitted: 8/18/13 and Re-Submitted 6/9/14 after outstanding priority score

**Co-I National Institutes of Health (NIH)**

Neurobiological correlates of Dual-Processing treatment efficacy

PI: Holly Matto

Submitted: 2/28/14 - pending review

**PI Office of Naval Research (ONR)**

Predicting hypoxia adaptation using biomarkers and behavioral evidence

Submitted: 11/19/13 - unfunded

**CURRICULUM VITAE**

PI Department of Education (DoE)  
 Evaluation of Flipped Learning  
 Submitted: 4/23/13 - unfunded

Co-I Institute for Education Research (IES)  
 A Well-Designed Evidence-Based Intervention for Children Raised in Poverty  
 PI: Bob Pasnak - unfunded

Co-I National Institutes of Health (NIH)  
 Socio-cultural influences on the health of educationally-attached minorities  
 PI: Bob Pasnak and Holly Matto - unfunded

**CONFERENCE PRESENTATIONS**

\* indicates student

McKnight, P.E., Williams, J.M., & Widmeyer, W. N. (1991, November). The effects of cohesion and identifiability on social loafing. Poster presented at the American Association of Applied Sports Psychology.

Erickson, J.R., & McKnight, P.E. (1993, February). The past, present, and future of evaluation research in drug prevention programs for children. Poster presented at the Center for Substance Abuse Prevention's National Prevention Conference, Washington, D.C.

McKnight, P.E. (1993, November). Empowerment: Who gets it and who needs it? Paper presented at the American Evaluation Association Conference, Dallas, TX.

McKnight, P.E., Erickson, J.R., Figueredo, A.J., & Chong, J. (1994, June). Assessing motivation, readiness and suitability for therapeutic community treatment among homeless adult drug users. Presentation at the Canadian Evaluation Conference, Quebec City, Quebec, CANADA.

McKnight, P.E., & Figueredo, A.J. (1994, November). Multisample analysis for patterned missing data in structural equation models. Presentation at the American Evaluation Association Conference, Boston, MA.

Figueredo, A.J., & McKnight, P.E. (1994, November). Alternative procedures for messy missing data in structural equation models. Presentation at the American Evaluation Association Conference, Boston, MA.

Hetherington, J., & McKnight, P. E. (1994, November). Item response theory and latent factor dimensionality. Presentation at the American Evaluation Association Conference, Boston, MA.

Hetherington, J., McKnight, P.E., & Figueredo, A.J. (1994, November). Meta-analytic techniques for missing data in growth curve analysis. Presentation at the American Evaluation Association



**CURRICULUM VITAE**

Conference, Boston, MA.

McKnight, K. M., & McKnight, P.E. (1994, November). Monte Carlo simulations of missing data problems. Presentation at the American Evaluation Association Conference, Boston, MA.

Sechrest, L., & McKnight, P.E. (June, 1995). Calibration of measures. Paper presented at the Arizona Evaluation Network Meeting, Tucson, AZ.

Sechrest, L., & McKnight, P.E. (August, 1995). Rational scales and real variables. Paper Presented at the 103rd American Psychological Association Convention, New York, NY.

McKnight, P.E., & Figueredo, A.J. (November, 1995). Imputation procedures for missing data in multivariate analyses. Presentation at the International Evaluation Conference, Vancouver, British Columbia, CANADA.

Figueredo, A.J., & McKnight, P.E. (November, 1995). Data deletion procedures for missing data in multivariate analyses. Presentation at the International Evaluation Conference, Vancouver, British Columbia, CANADA.

McKnight, K. M., & McKnight, P.E. (1995, November). Evaluating the techniques: A critical look at the efficacy of missing data handling techniques in multivariate analyses. Presentation at the International Evaluation Conference, Vancouver, British Columbia, CANADA.

Sechrest, L., & McKnight, P.E. (1996, August). Presentation at the 104th Annual American Psychological Association Conference, Toronto, Ontario, CANADA.

McKnight, P.E., & Stickle, T.R. (1996, November). What can confirmatory factor analysis confirm? Presentation at the American Evaluation Association conference, Atlanta, GA.

Stickle, T.R., & McKnight, P.E. (1996, November). Robustness of exploratory factor analysis. Presentation at the American Evaluation Association conference, Atlanta, GA.

McKnight, P.E. (1996, November). The noticeability of differences. Presentation at the American Evaluation Association conference, Atlanta, GA.

McKnight, P.E. (1997, September). Making the most of small datasets: Resampling and model simulation. Presentation at the Australasian Evaluation Society 1997 International Conference. Adelaide, South Australia.

McKnight, K.M, McKnight, P.E., & Figueredo, A.J. (1997, September). Making the most of small datasets: Measurement error versus sample size. Presentation at the Australasian Evaluation Society 1997 International Conference. Adelaide, South Australia.

Figueredo, A.J., McKnight, K.M., & McKnight, P.E. (1997, September). Making the most of small datasets: Data reduction methods. Presentation at the Australasian Evaluation Society 1997 International Conference. Adelaide, South Australia.

McKnight, P.E. (1998, November). Quasi-threats to validity in quasi-experiments. Presentation at the

**CURRICULUM VITAE**

American Evaluation Association conference, Chicago, IL.

McKnight, P.E. (1998, November). What is calibration and why is it important? Presentation at the American Evaluation Association conference, Chicago, IL.

McKnight, P.E. (1999, March). Clinical decision-making: New research and future directions. Presentation at Grand Rounds University of Washington, Seattle, WA.

Reed, R. and McKnight, P.E. (1999, May). Evaluation of hormone therapy on knee replacement recovery. Paper Presentation at the American Geriatrics Society.

McKnight, P.E. (1999, November). Empirical evidence of threats to validity. Panel Presentation at the American Evaluation Association conference, Orlando, FL.

McKnight, P.E. (1999, November). Propensity scores: Do they work? Presentation at the American Evaluation Association conference, Orlando, FL.

McKnight, P.E. (2000). Measurement invariance and factorial stability: Making sense out of seemingly senseless measures. Presentation at the American Evaluation Association conference, Honolulu, HI.

McKnight, P.E., McFall, M., Rosenheck, R., and Fontana, A. (2000). Assessing disability claims: An IRT rescaling of traditional measures. Presentation at the American Evaluation Association conference, Honolulu, HI.

McKnight, K.M. & McKnight, P.E. (2000). Masking variability over time: the problem with composite scores. Presentation at the American Evaluation Association conference, Honolulu, HI.

Sidani, S., McKnight, K.M., & McKnight, P.E. (2000). Presentation at the American Evaluation Association conference, Honolulu, HI.

McKnight, P.E., McFall, M., Rosenheck, R., & Fontana, A. (2001). Rescaling traditional measures of PTSD. Presentation at the International Conference on Objective Measurement. Chicago, IL.

McKnight, P.E., McFall, M., Fontana, A., Rosenheck, R., Stroud, M., & Jensen, M. (2001). The application of IRT methods for rescaling existing items and measures. Presentation at the International Conference on Objective Measurement. Chicago, IL.

McKnight, P.E., Stroud, M., & Jensen, M. (2001). Measuring pain in chronic pain patients: An application of IRT methods for scale reduction. Presentation at the International Conference on Objective Measurement. Chicago, IL.

McKnight, P.E., Hansen, B., & Mead, A. (2001). Social Science Measurement Project (SSM): An open-source software solution. Presentation at the European Association for Psychological Assessment. Aachen, Germany.

McKnight, P.E. (2001). Methods for identifying minimum competency standards. Presentation at the European Association for Psychological Assessment. Aachen, Germany.

McKnight, P.E. (2002). The application of Rasch modeling and latent class analysis procedures with two

**CURRICULUM VITAE**

low-vision rehabilitation outcome measures. Presentation at the International Congress of Applied Psychology. Singapore.

Sechrest, L., Caspi, O., & McKnight, P.E. (2002). From the lab to the clinic: How well do placebo controlled studies translate into practice? Presentation at the International Congress of Applied Psychology. Singapore.

Sechrest, L. & McKnight, P.E. (2002). Intensive item analysis. Presentation at the International Congress of Applied Psychology. Singapore.

McKnight, P.E., Babcock-Parziale, J., Head, D.N., & Massof, R.W. (2002). Validation of the Functional Assessment of Self-Reliance on Tasks (FAST). Presentation at the American Association of Ophthalmology. San Diego, CA.

McKnight, P.E. (2003). Intensive item analysis. Presentation at the American Evaluation Association annual conference. Washington, DC.

McKnight, P.E. (2003). Change in measure characteristics versus change in person characteristics: Parsing out individual differences in change. Presentation at the International Society for the Study of Individual Differences (ISSID) conference. Gras, Austria.

McKnight, P.E. (2003). The pitfalls of a tool-based science. A poster presentation at Lee Sechrest's festschrift. Tucson, AZ.

McKnight, P.E. (2003). Social science measurement project: The current status. Presentation at the National Congress of Measurement in Education (NCME). Chicago.

Sechrest, L. & McKnight, P.E. (2004). Intensive data analysis. Presentation at the American Psychological Society annual conference. Chicago.

\*Chen, M.K. & McKnight, P.E. (2004) Confirmatory factor analysis in measurement development: A model comparison. Presentation at the American Psychological Society annual conference. Chicago.

McKnight, P.E. & \*Chen, M.K. (2004) Evaluating measurement models: The failed promise of fit statistics. Presentation at the American Psychological Society annual conference. Chicago.

\*Chen, M.K. & McKnight, P.E. (2004) Confirmatory factor analysis in measurement development: A model comparison between CFA and classical test theory. Presentation at the International Congress of Psychology. Beijing, China.

McKnight, P.E. & \*Chen, M.K. (2004) Evaluating measurement models: The failed promise of fit statistics. Presentation at the International Congress of Psychology. Beijing, China.

McKnight, P.E. (2005) Distinguishing between poor models and poor data: What do we learn from these efforts? Presentation at the International Society for the Study of Individual Differences (ISSID). Adelaide, Australia.

**CURRICULUM VITAE**

\*Najab, J. & McKnight, P.E. (2005) Testing critical multiplism through simulation studies. Presentation at the Joint Canadian Evaluation Society and American Evaluation Association Conference. Toronto, Canada.

\*Chen, M.K., McKnight, P.E., \*Najab, J., & \*Menke, J.M. (2005) A comprehensive evaluation of criticom multiplism in measurement. Presentation at the Joint Canadian Evaluation Society and American Evaluation Association Conference. Toronto, Canada.

\*Najab, J., Sechrest, L., & McKnight, P.E. (2005) Creating virtual populations for cross-validation. Presentation at the Joint Canadian Evaluation Society and American Evaluation Association Conference. Toronto, Canada.

McKnight, P.E. & \*Menke, J.M. (2005) Visual presentations: The rudiments of conveying complex ideas in visual formats. Workshop presnted at the Joint Canadian Evaluation Society and American Evaluation Association Conference. Toronto, Canada.

McKnight, P.E. (2005) Critical multiplism in social science measurement. Presentation at the American Evaluation Association annual conference. Toronto, Canada.

McKnight, P.E. & Stuewig, J. (2006). The importance of patterns in data analysis. Presentation at the American Evaluation Association annual conference. Portland, OR.

McKnight, P.E. (2007). Missing data: Not just for statisticians anymore. Presentation at the American Evaluation Association annual conference. Baltimore, MD.

McKnight, P.E., \*Chen, M.K. & Sechrest, L. (2008). Generalizability theory: A valuable and underused tool. Presentation at the Association for Psychological Science. Chicago, IL.

McKnight, P.E. & Sechrest, L. (2008). Generalizability Theory Applications and Extensions. Symposium at the European Congress on Methodology. Oviedo, Spain.

McKnight, P.E. (2008). Findings Patterns in Evaluation Data: Searching for Clues That May Help Better Understand Programs and Policies. Presentation at the American Evaluation Association annual conference. Denver, CO.

\*Chen, M.K., McKnight, P.E., & Sechrest, L. (2008). Generalizabilty D Study in Planning Productive Analyses. Presentation at the American Evaluation Association annual conference. Denver, CO.

\*Olderbak, S., McKnight, P.E., & Sechrest, L. (2008). Generalizability Theory D Studies in Planning for Future Research. Presentation at the American Evaluation Association annual conference. Denver, CO.

McKnight, P.E. (2008). Discovering patterns in longitudinal data. Presentation at the American Evaluation Association annual conference. Denver, CO.

McKnight, P.E. (2008). Alternative Methods for Analyzing Longitudinal Data: Moving Beyond Hierarchical Linear Models (HLM) and Repeated Measures Analysis of Variance (ANOVA). Expert lecture at the American Evaluation Association annual conference. Denver, CO.

## **CURRICULUM VITAE**

\*Vaughn, M., \*Cades, D., & McKnight, P.E. (2009). Does a Higher Ranking Really Matter? Applying Just Noticeable Differences to Psychology by Predicting Tennis Outcomes. Poster presentation at the Association for Psychological Science. San Francisco, CA.

McKnight, P.E. & Sechrest, L. (2009). Variance components analysis of survey responses. Poster presentation at the 5th International Shared Decision Making Conference. Boston, MA.

McKnight, P.E. (2010). Data Analysis: Forethought, Not Afterthought. Presentation at the American Evaluation Association annual conference. San Antonio, TX.

McKnight, P.E. (2010). Very Brief Scales: Carved Out Scales. Presentation at the American Evaluation Association annual conference. San Antonio, TX.

McKnight, P.E. (2011). Appreciating threats to validity using experimental designs and simulation to estimate effect sizes. Presentation at the 2011 American Evaluation Association (AEA) annual conference in Pasadena, CA.

\*Erchov, S. & McKnight, P.E. (2011). Estimating testing effects via a web-based intervention. Presentation at the 2011 American Evaluation Association (AEA) annual conference in Pasadena, CA.

\*Najab, J., & McKnight, P.E. (2011). Maximizing selection bias effects: An experimental and simulation study. Presentation at the 2011 American Evaluation Association (AEA) annual conference in Pasadena, CA.

McKnight, K.M., & McKnight, P.E. (2012). Best practices for handling missing data: A demonstration and discussion of multiple imputation. Presentation at the Eastern Evaluation Research Society (EERS) Conference in Galloway, NJ.

McKnight, P.E., McKnight, K.M., \*Blalock, D., & \*Franz, S. (2012). Inter-rater reliability: Estimating, interpreting, and reporting the most suitable coefficient. Symposium presented at the 2012 Association for Psychological Science (APS) in Chicago, IL.

## **WORKSHOPS**

McKnight, P.E. (2000). Missing data in psychological science. Invited workshop at the American Psychological Society conference, Miami Beach, FL.

McKnight, P.E. (2007). Best practices in quantitative methods. Invited workshop at the American Evaluation Association annual conference. Baltimore, MD.

## **TEACHING**

### **Undergraduate**

**HNRS 110:** Research Methods. George Mason University, Fall 2009

**PSYC 230:** Introductory statistics. University of Arizona, Fall 2004

**CURRICULUM VITAE**

**PSYC 300:** Psychological Methods. George Mason University, Spring 2009  
**PSYC 301:** Introductory statistics. George Mason University, Fall 2007  
**PSYC 352:** Introduction to Personality. University of Arizona, Spring 2003  
**PA 405:** Introduction to Program Evaluation. University of Arizona, Fall 1995, 97

**Graduate**

**PSYC 507a:** Introductory statistics. University of Arizona, Fall 2001  
**PSYC 508:** Methods in Field Research. University of Arizona, Spring 2001-Spring 2005  
**PSYC 564:** Methods in Social Research: University of Arizona, Fall 2000-Fall 2004  
**PSYC 596i\*:** Advanced Topics in Research Methods and Data Analysis, University of Arizona, Fall 00-04  
**PSYC 596i\*:** Applied Social Measurement, University of Arizona, Spring 01-05  
**PSYC 611:** Introductory statistics and methods I. George Mason University, Fall 2006,10,11  
**PSYC 612:** Introductory statistics and methods II. George Mason University, Spring 07-15  
**PSYC 621:** Psychological Assessment, University of Arizona, Fall 2000  
**PSYC 644:** Research Methods, George Mason University, Spring 2012, Fall 2012-13  
**PSYC 754:** Multiple Regression, George Mason University, Fall 2012-2013, Spring 2013-2014  
**PSYC 757:** Bayesian Data Analysis. George Mason University, Spring 2010, 2013  
 \*course numbers were identical but titles differed by semester.

**QUANTITATIVE SKILLS****STATISTICAL SOFTWARE**

General Packages:	SAS, S/Plus, R, SPSS, Lisp-stat, SYSTAT Structural
Equation Modeling:	EQS, LISREL, PROC CALIS, R-sem
Measurement:	Multilog, Bilog, Bigsteps/Winsteps, Winmira
Special Purpose Software:	HLM, TETRAD

**PROGRAMMING LANGUAGES**

Text Formatting	LATEX 2 $\epsilon$ , HTML, XML
General Purpose	C, C++, Fortran, Python, bash, sed, awk, elisp
Statistical	SPSS, R/S-Plus, SAS, SAS/Macro
Web Scripting	Perl, PHP, CSS