David W. Stockburger

215 Bent Nail Way  
Monument, CO 80312

Last Modified: 2016  
Phone Home - (719) 481-0085 Cell - (719) 640-9804  
Email [DStockburger@MissouriState.edu](mailto:DStockburger@MissouriState.edu)   
Web <http://dwstockburger.com> & [http:\\www.psychstat.MissouriState.edu](http://www.psychstat.missouristate.edu/)\aspx

EDUCATION

AB. Ohio University, Athens, Ohio, June, 1969  
  
MA. The Ohio State University, Columbus, Ohio, September, 1971   
  
Ph.D. The Ohio State University, September, 1975   
           Major area - Mathematical Psychology   
           Minor area - Statistics

EMPLOYMENT HISTORY

2005 to 2014 - Deputy Director of Academic Assessment, 2354 Fairchild Dr., US Air Force Academy, USAF Academy, CO. 80840-6200. I conducted the annual faculty climate survey, developed and ran the online cadet feedback system, and collected and reported on faculty metrics in addition to many other duties. I was closely involved with faculty development and the current learning-focused initiative. I generated many reports for the successful 2009 NCA accreditation effort. I recently taught a section of statistics for the Behavioral Sciences department.

2003 to 2004 - Director, Integrated Competency Assessment Network (ICAN), Health Care Integrated Educational System, Maricopa Community Colleges, 2411 W. 14th Street, Tempe, AZ 85281-6942. Coordinated and standardized competency assessments for ten campuses.

Adjunct Professor, 2001 to present, Department of Psychology, Missouri State University teaching an online multivariate statistics course.

Professor, August, 1988 to 2001, Department of Psychology, Missouri State University. Courses taught include: Introduction to Statistics, Introduction to Psychology, Tests and Measurements, Analysis of Variance, Problem Solving in Men and Machines, Research and Evaluation, and a graduate Multivariate Analysis course.   
  
Associate Professor, August, 1979 to August, 1988, Missouri State University.   
  
Assistant Professor, August, 1974 to August, 1979, Missouri State University.   
  
Adjunct Professor, August, 1985 to 1987, Forrest Institute of Professional Psychology teaching a graduate statistics sequence.

CONSULTING EXPERIENCE

National Center for Competency Testing (NCCT) – 2000 to present. I am currently serving as a member on their Board of Testing.

Springfield Public Schools and Police Department

Coordinator for Web Courseware, Atomic Dog Publishing

Research Consultant to the Psychology Department, Medical Center for Federal Prisoners, Springfield, Missouri and to various local agencies including ECCO and The Center for the Developmentally Disabled.   
  
I have consulted with over 100 individuals concerning their doctoral dissertations or master's thesis.

RESEARCH ACTIVITIES

       Publications

Erickson, J. R. and Stockburger, D. W. Use of run and position cues in a four-choice sequence--learning task. *Journal of Experimental Psychology*, 1973, *99*, 381-388.   
  
Stockburger, D. W. and Erickson, J. R. Probabilistic discrimination learning with dimensionalized stimuli, *Organizational Behavior and Human Performance*, 1974, *11*, 157-171.   
  
Vetter, L., Stockburger, D. W. and Brose, C. *Career Guidance Materials: Implications for Woman's Career Development*. Columbus, Ohio: The Center for Vocational Education, 1975.   
  
Stockburger, D. W. and Davis, J. O. Selling the female image as mental patient. *Sex Roles*, 1978, *4*, 131-134.   
  
Vetter, L. and Stockburger, D. W. *Career Patterns of a National Sample of Women*. Center for Vocational Education, 1974.   
  
Stockburger. D. W. Puzzler: A demonstration of tree-searching and evaluation techniques in problem-solving. *Personal Computing*, 1979, *3,* 30-39.   
  
Stockburger, D. W. and Varhely, E. A review of computer programs to score the Reitan test battery. *Computers in Psychiatry/Psychology*, December, 1979   
  
Stockburger, D. W. and Penn, Allen. For the Thick-Skinned Computerist. *Microcomputing*, 1982, 62, 100-101.   
  
Stockburger, David W. Structured Strings in BASIC. *BYTE*, 1982, *7-5*, 308-314.   
  
Stockburger, David W. Evaluation of three simulation in an introductory statistics course. *Contemporary Educational Psychology*, 1982, *7*, 365-370.   
  
Stockburger, David W. and Layton, James R. Ten CAI programs published by Media Materials, Inc., 1983.   
  
Stockburger, David W. *Introductory Statistics: Concepts, Models, and Applications*, 1986.   
  
Puckett, James M. and Stockburger, D. W. Converging evidence for absence of age differences in passive short-term forgetting. *Psychology and Aging,* 1987.   
  
Iba, Debra L., Simpson, D. E., and Stockburger, D. W. A study of the effectiveness of a no-need scholarship in recruiting students. *College and University,* 1987.   
  
Stockburger, David W. [Automated](http://www.psychstat.missouristate.edu/Stockburger/resume/manuscripts/BehaviorResearchMethodsPaper.doc) Grading of Homework Assignments and Tests in Introductory and Intermediate Statistics Courses Using Active Server Pages. Behavior Research Methods, Instruments, & Computers, 1999, 31(2), 252-262.

Riggs, Peggy R., Petersen, George J., and Stockburger, David W. [Building schools that are responsive to student learning](http://www.education.uiowa.edu/jrel/spring02/Riggs_0109.pdf). Journal of Research for Educational Leaders, 2002, 1 (2), 21-43.

Braver, Sanford L. and Stockburger, David W. [Child Support Guidelines and the Equalization of Living Standards](http://www.psychstat.smsu.edu/stockburger/cs/CSarticleExcerpt.htm). in Comanor, W. (2005) *The Law and Economics of Child Support.*

Stockburger, David W. Hypothesis Testing. *Encyclopedia of Measurement and Statistics*. Thousand Oaks, CA: *Sage* (2007).

Jones, Steven K. Jones, Kenneth S. Sagendorf, D. Brent Morris, David W. Stockburger, and Evelyn T. Patterson Lessons Learned From Developing a Learning Focused Classroom Observation Form, To Improve the Academy, Vol. 2 ,2008.

Stockburger, David W. [Variance](http://dwstockburger.com/SageArticles/home.htm). *Encyclopedia of Research Design*. Thousand Oaks, CA: *Sage* (2010).

Stockburger, David W. [Hypothesis Testing](http://dwstockburger.com/SageArticles/home.htm). Encyclopedia of Measurement and Statistics (Vol 3). Sage (2007).

Stockburger, David W. [Sampling Distribution](http://dwstockburger.com/SageArticles/home.htm). *International Encyclopedia of Statistical Science*. New York: *Springer* (2010).

Stockburger, David W. [Discriminant Function Analysis](http://dwstockburger.com/SageArticles/home.htm). *Encyclopedia of Educational Statistics,* Sage (2017).

Stockburger, David W. [Multivariate Analysis of Variance (MANOVA).](http://dwstockburger.com/SageArticles/home.htm) *Encyclopedia of Educational Statistics,* Sage (2017).

[Textbooks for Classroom Use](http://www.psychstat.missouristate.edu/Stockburger/resume/manuscripts/BehaviorResearchMethodsPaper.doc)

[Stockburger, David W. *Introductory Statistics: Concepts, Models, and Applications*, Atomic Dog Publishing, 2000.](http://www.psychstat.missouristate.edu/Stockburger/resume/images/library.gif)

[Stockburger, David W. *Introductory Statistics: Concepts, Models, and Applications*, Web Edition, 1982.   
  
Stockburger, David W. *Analysis of Variance: Concepts, Models, and Applications*, 1993.   
  
Stockburger, David W. *Linear Models and Analysis of Variance: Concepts, Models, and Applications*, 1995.](http://www.atomicdogpublishing.com/atomicDog/home.asp)

[Web Texts](http://www.atomicdogpublishing.com/atomicDog/home.asp)

[Stockburger, David W. *Introductory Statistics: Concepts, Models, and Applications*, Web Edition, 1996.   
  
Stockburger, David W. *Multivariate Statistics: Concepts, Models, and Applications*, Web Edition, 1997.](http://www.atomicdogpublishing.com/atomicDog/home.asp)

[Presented Papers](http://www.psychstat.missouristate.edu/multibook/mlt00.htm)

[Stockburger, D. W. and Erickson, J. R. Run and position cues in a four-choice sequence-learning task. Presented at Midwestern Psychological Association Meeting, Chicago, Ill., 1972.   
  
Davis, J. O. and Stockburger, D. W. A look at mental illness and sex roles in psychoactive drug advertisements. Presented at American Psychological Association meeting, Chicago, Ill., 1975.   
  
Stockburger, D. W., Davis, J. O., and Schubert, B. Influencing the attribution of mental illness to males and females through visual media. Presented at Midwestern Psychological Association meeting, Chicago, Ill., 1977.   
  
Stockburger, D. W. Teaching statistical concepts using microcomputer simulations. Southwestern Psychological Association meeting, Ok. City, Ok., 1980.   
  
Puckett, James M. and Stockburger, D. W. Age differences in Short-term forgetting. Presented at Midwestern Psychological Association meeting, Chicago, Ill., 1985.   
  
Stockburger, D. W. Serial pattern learning in space-time. Poster session at Midwestern Psychological Association meeting, Chicago, Ill., 1988.   
  
Stockburger, David W. Generating individualized tests and homework assignments using html as a protyotype form. Paper at Society for Computers in Psychology (SCiP), Chicago, Ill, 1996.   
  
Stockburger, David W.Automated Grading of Homework Assignments and Tests in Introductory and Intermediate Statistics Courses Using Active Server Pages . Paper at Society for Computers in Psychology (SCiP), Dallas, TX, 1998.   
  
Stockburger, David W.  Dynamic Data Analysis in On-line Publications Using Extensible Markup Language (XML) Data Islands and Dynamic Hypertext Markup Language (DHTML). Paper at Society for Computers in Psychology (SCiP), Los Angels, CA, 1999.   
  
Stockburger, David W.  XML Markup of Web Documents. Paper at Society for Computers in Psychology (SCiP), New Orleans, LA, 2000.](http://www.psychstat.missouristate.edu/Stockburger/resume/images/teacher.gif)

Braver, Sanford L. and Stockburger, David W. Child Support Guidelines and the Equalization of Living Standards. Conference on Child Support, Santa Barbara, CA, 2002.

Stockburger, D. W. and Kriska, S. D. Assessment of on-line statistics courses. Paper at American Statistical Association meeting, Denver, CO, 2008.

Miller, A. and Stockburger D. W. Grade leniency and course evaluation across multiple sections of the same course. Paper at Southwestern Psychological Association meeting, San Antonio, TX, 2009.

Stockburger, D. W. Course development starts with course goals: Defining, refining, collection, and analysis. Poster presentation at the Assessment Institute, Indianapolis, IN, 2009.