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Employment History

2003-present	Director of Services Dissertation Statistical Services Missoula, Montana
2001-2003	Part-time Member Center for Environmental Health Sciences University of Montana Missoula, Montana
1999-2003	Assistant Professor of Psychology University of Montana Missoula, Montana
1997-1999	Assistant Professor of Psychology Central Michigan University Mt. Pleasant, Michigan
1995-1997	Statistical Analyst/Project Director Horizon Research Corporation Los Angeles, California
1993	Student Counselor North Mississippi Regional Center Oxford, Mississippi
1992	Counselor Mississippi Outpatient Chemical Dependency Center Starkville, Mississippi

- 1993-1997 Ph.D., Quantitative Psychology
University of Southern California
Los Angeles, California
Dissertation: An Empirical Examination of Reliable Component Analysis
Mentor: Norman Cliff, Ph.D.
- 1991-1993 M. S., Clinical Psychology
Mississippi State University
Starkville, Mississippi
Thesis: Early Memories and Normal Personality Variation
Mentor: Charles Spirrison, Ph.D.
- 1985-1990 B. S., Psychology
Michigan State University
East Lansing, Michigan

Teaching Experience

Undergraduate: Abnormal Psychology, Psychological Statistics.

Graduate: Advanced Psychological Statistics (two-semester graduate sequence), Multivariate Statistics, Applied Multivariate Statistics, Multiple Regression and Correlation, Measurement.

Journal Publications

Caruso, J. C. (in press). A comparison of the reliabilities of four types of difference scores for five cognitive assessment batteries. To be published in *European Journal of Psychological Assessment*.

Shields, A. S., Guttmanova, K., & Caruso, J. C. (in press). An examination of the factor structure of the alcohol use disorders identification test in two high-risk samples. To be published in *Substance Use and Misuse*.

Witkiewitz, K., Hufford, M., Shields, A., Kodya, S., & Caruso, J. C. (2003). Relapse as a nonlinear dynamic system: Applications to patients with alcohol use disorders. *Journal of Abnormal Psychology, 112*(2), 219-227.

Shields, A. S., & Caruso, J. C. (2003). Reliability generalization of the Alcohol Use Disorders Identification Test. *Educational and Psychological Measurement, 63*(3), 404-413.

Vacha-Haase, T., Henson, R., & Caruso, J. C. (2002). Reliability generalization: Moving toward improved understanding and use of score reliability. *Educational and Psychological Measurement, 62*(4), 562-569.

from Zuckerman's Sensation Seeking Scale, Form V. *Educational and Psychological Measurement*, 62(4), 728-734.

Caruso, J. C., & Witkiewitz, K. (2002). Increasing the Reliability of Ability – Achievement Difference Scores: An Example Using the Kaufman Assessment Battery for Children. *Journal of Educational Measurement*, 39(1), 39-58.

Caruso, J. C., Witkiewitz, K., Youngstrom, E., & Glutting, J. (2001). The frequency of reliable component difference scores for the Wechsler Intelligence Scale for Children, Third Edition in two samples. *Psychological Assessment*, 13(4), 543-548.

Caruso, J. C., Witkiewitz, K., Belcourt-Dittloff, A. & Gottlieb, J. (2001). Reliability of scores from the Eysenck Personality Questionnaire: A reliability generalization study. *Educational and Psychological Measurement*, 61(4), 675-689.

Caruso, J. C. (2001). Reliable component analysis of the Stanford-Binet: Fourth Edition for 2- to 6-year-olds. *Psychological Assessment*, 13(2), 261-266.

Caruso, J. C. (2001). Increasing the reliability of the fluid/crystallized difference score from the Kaufman Adolescent and Adult Intelligence Test with reliable component analysis. *Assessment*, 8(2), 155-166.

Caruso, J. C., & Edwards, S. (2001). Reliability generalization of the Junior Eysenck Personality Questionnaire. *Personality and Individual Differences*, 31(2), 173-184.

Caruso, J. C., & Witkiewitz, K. (2001). Memory and Reasoning Abilities Assessed by the Universal Nonverbal Intelligence Test: A Reliable Component (RCA) Study. *Educational and Psychological Measurement*, 61(2), 5-22.

Caruso, J. C., & Jacob-Timm, S. (2001). Confirmatory factor analysis of the Kaufman Adolescent and Adult Intelligence Scale with young adolescents. *Assessment*, 8(1), 11-17.

Caruso, J. C. (2000). Reliability generalization of the NEO personality scales. *Educational and Psychological Measurement*, 60(2), 236-254.

Caruso, J. C., & Cliff, N. (2000). Increasing the reliability of WISC-III difference scores with reliable component analysis. *Psychological Assessment*, 12(1), 89-96.

Caruso, J. C., & Cliff, N. (1999). The relative properties of equally and differentially weighted WAIS-III factor scores. *Psychological Assessment*, 11(2), 198-206.

Caruso, J. C., & Cliff, N. (1998). The factor structure of the WAIS-R: Replicability across age-groups. *Multivariate Behavioral Research*, 33(2), 273-293

Cliff, N., & Caruso, J. C. (1998). Reliable component analysis through maximizing composite reliability. *Psychological Methods*, 3(3), 291-308.

Caruso, J. C., & Cliff, N. (1997). An examination of the five-factor model of normal personality variation with reliable component analysis. *Personality and Individual Differences*, 23(2), 317-325.

Caruso, J. C., & Cliff, N. (1997). Empirical size, coverage, and power of confidence intervals for Spearman's rho. *Educational and Psychological Measurement*, 57(4), 637-654.

Caruso, J. C., & Spurrison, C. L. (1996). Reported earliest memory age: Relationships with personality and coping variables. *Personality and Individual Differences*, 21(1), 135-142.

Caruso, J. C., & Spurrison, C. L. (1994). Predicting normal personality variations through the analysis of early memories. *Journal of Personality Assessment*, 63(3), 517-533.

Other Publications

Caruso, J. C., & Gottlieb, J. (in press). Eysenck Personality Questionnaire. To be published in the *Concise Encyclopedia of Psychology and Neuroscience*.

Caruso, J. C. (in press). Review of the Millon Behavioral Medicine Diagnostic Test. To be published in *Buros Mental Measurements Yearbook*.

Caruso, J. C. (in press). Review of the Health Status Questionnaire. To be published in *Buros' Mental Measurements Yearbook*.

Caruso, J. C., & Cliff, N. (in press). Reliable component analysis: A new/old method for exploratory data reduction. To be published in B. Thompson (Ed.) *Advances in Social Science Methodology*.

Caruso, J. C. (2001). Review of the Multidimensional Anxiety Scale for Children. In B. S. Plake & J. C. Impara (Eds.) *Buros' Mental Measurements Yearbook (Vol. 14)*, p. 800-801.

Caruso, J. C. (2001). Review of the Quality of Life Enjoyment and Satisfaction Scale. In B. S. Plake & J. C. Impara (Eds.) *Buros' Mental Measurements Yearbook (Vol. 14)*, p. 972-973.

Conference Presentations

Witkiewitz, K., Hufford, M. R., Caruso, J. C., & Shields, A. (2002). *Predicting alcohol relapse using catastrophe theory: Findings from Project MATCH*. Presented at the annual meeting of the Association for the Advancement of Behavior Therapy, Reno, NV.

Witkiewitz, K., Caruso, J. C. & Hufford, M. R. (2002). *The relapse catastrophe: A nonlinear dynamical systems model of alcohol relapse*. Presented at Addictions 2002, Eindhoven, Netherlands.

reliable scores: A comparison of three alcohol use screening instruments. Presented at the Annual Convention of the American Association of Behavior Therapy, Pittsburgh, PA.

Paidas, S. M., Caruso, J. C., & Klocek, J. W. (2001). *A reliable component analysis of commonly used social anxiety measures.* Presented at the Annual Convention of the American Association of Behavior Therapy, Pittsburgh, PA.

Paidas, S. M., Witkiewitz, K., & Caruso, J. C. (2001). *Reliability generalization of the State-Trait Anxiety Inventory.* Presented at the Annual Convention of the American Association of Behavior Therapy, Pittsburgh, PA.

Shields, A. L., Caruso, J. C., & Witkiewitz, K. (2001). *An inquiry into the reliability of Alcohol Use Disorders Identification Test (AUDIT) scores.* Presented at the Annual Convention of the American Psychological Association, San Francisco, CA.

Shields, A. L., Caruso, J. C., & Guttmanova, K. (2001). *The factor structure of the alcohol use disorders identification test (AUDIT) across two samples.* Presented at the Annual Convention of the American Psychological Association, San Francisco, CA.

Witkiewitz, K., Caruso, J. C., & Shields, A.L. (2001). *An examination of the component structure of the child behavior checklist (CBCL).* Presented at the Annual Convention of the American Psychological Association, San Francisco, CA.

Caruso, J. C., Witkiewitz, K., Youngstrom, E., & Glutting, J. J. (2001). *Reliable component scores for the Weschler Intelligence Scale for Children, Third Edition.* Presented at the Western Psychological Association Conference, Maui, Hawaii.

Caruso, J. C., Witkiewitz, K., Gottlieb, J., & Belcourt-Dittloff, A. (2001). *The Eysenck Personality Questionnaire: Does it produce reliable scores?* Presented at the Western Psychological Association Conference, Maui, Hawaii.

Miller, A. W., & Caruso, J. C. (2001). *Self-efficacy and physical activity involving middle school youth.* Presented at the Northwest Alliance for Health, Physical Education, Recreation, and Dance Conference, Spokane, Washington.

Szalda-Petree, A., Traci, M. A., Lerner, T., Seekins, T., Caruso, J. C., & Hough, J. F. (2001). *Estimating the number of adults with developmental disabilities in Montana using multiple sources of case ascertainment: An application of capture-recapture log-linear modeling.* Presented at the Annual Meeting of the American Public Health Association, Atlanta, Georgia

Shields, A. & Hufford, M., Caruso, J. C. (2000). *A prospective study integrating stage of change assessment for comorbid major depressive disorder among court-referred, outpatient problem drinkers.* Presented at the Association for the Advancement of Behavioral Therapy Conference, New Orleans, Louisiana.

catastrophe model of the relapse process: Applying non-linear dynamics to the prediction of substance abuse treatment outcomes. Presented at the Association for the Advancement of Behavior Therapy Conference, New Orleans, Louisiana.

Caruso, J. C., & Edwards, S. (2000). *Variability in the reliability of scores on the Junior Eysenck Personality Questionnaire.* Presented at the American Psychological Society Conference, Miami Beach, Florida.

Witkiewitz, K., & Caruso, J. C. (2000). *Reliable component analysis of the Kaufman Assessment Battery for Children.* Presented at the American Psychological Society Conference, Miami Beach, Florida.

Hufford, M. R., Noice, A. A., & Caruso, J. C. (1999). *Affect-urge network and self-efficacy expectancy differences among inpatient alcoholics with independent versus alcohol-induced major depressive disorders.* Presented at the Association for the Advancement of Behavior Therapy Conference, Toronto, Canada.

Caruso, J. C. (1999). *Reliability generalization of the NEO Personality Scales.* Presented at the International Society for the Study of Individual Differences Conference, Vancouver, B. C.

Caruso, J. C., Edwards, S., & Balkema, B. (1999). *Reliability generalization of the Eysenck Personality Scales.* Presented at the International Society for the Study of Individual Differences Conference, Vancouver, B. C.

Caruso, J. C., & Cliff, N. (1998). *Reliable component weights to increase the clinical utility of WAIS-R factor scores.* Presented at the American Psychological Society Conference, Washington, D. C.

Caruso, J. C., & Cliff, N. (1996). *Reliable component analysis of the Big Five: understanding the correlations between domains.* Presented at the American Psychological Society Conference, San Francisco, California.

McGrath, P., Spirrison, C. L., & Caruso, J.C., (1994). *The Constructive Thinking Inventory and autobiographical memory.* Presented at the Association for Personality Assessment Conference, Chicago, Illinois.

Caruso, J. C., & Fee, V. L. (1993). *Perceived Importance of Adaptive Behaviors: A Social Validity Study with Parents and Teachers.* Presented at the Southeastern Psychological Association Conference, Atlanta, Georgia.

- 2003-2004 Title: *Reliability Generalization of Alcohol Screening Measures*
Source: National Institute on Alcohol Abuse and Alcoholism
Role: Principal Investigator
Amount: \$75,000
Grant Number: AA013423-01
- 2002-2005 Title: *Investigations of Asbestos-Related Diseases*
Source: National Institute of Environmental Health Sciences
Role: Co-Investigator (PI: Elizabeth Putnam, University of Montana).
Amount: \$600,000
Grant Number: ES11676-01
- 2000-2001 Title: *An Examination of the Applicability of Reliable Component Analysis to Assessing Ability / Achievement Discrepancies*
Source: National Science Foundation
Role: Principal Investigator
Amount: \$25,000
Grant Number: EPS-9871922
- 2000-2001 Title: *RCA.exe: A Windows-based, User-friendly Computer Program to Perform Reliable Component Analysis*
Source: University of Montana
Role: Principal Investigator
Amount: \$4,871
Grant Number MH104

Honors and Awards

- 2002 Winston and Helen Cox Educational Excellence Award, University of Montana
2000 Mortar Board Society's University of Montana Professor of the Month, December

Other Professional Activities

- Co-Guest Editor, Special Issue of *Educational and Psychological Measurement* (August, 2002)
Editorial Board Member, *Educational and Psychological Measurement*, 2000-present
Editorial Board Member, *Psychological Assessment*, 2002-present
Statistical Consultant, College of Continuing Education, University of Montana, 2000-2003
Statistical Consultant, Rural Institute on Disabilities, University of Montana, 1999-2003
Ad Hoc Reviewer, *Psychological Assessment*, 2000, 2002, 2003
Ad Hoc Reviewer, *Personality and Individual Differences*, 1999-2003
Test Reviewer, Concise Encyclopedia of Psychology and Neuroscience, 2002
Test Reviewer, Buros Institute of Mental Measurements, 2000, 2002
Ad Hoc Reviewer, *Psychological Methods*, 1999, 2001, 2002
Ad Hoc Reviewer, *Multivariate Behavioral Research*, 1998-2003

Member, Library and Archives Committee, University of Montana, 2002-2003
Member, Student Complaint Committee, University of Montana, 2001-2003
Member, Incentive Award Committee, University of Montana, 2002-2003
Chair, Psychology Department Advising Committee, University of Montana, 2002-2003
Member, Pantzer Award Committee, University of Montana, 2001-2003
Member, Academic Court, University of Montana, 2002-2003
Member, School Psychology Search Committee, University of Montana, 2002
Member, Psychology Department Advising Committee, University of Montana, 2001-2003
Member, Psychology Department Executive Committee, University of Montana, 2000-2003
Member, Arts & Sciences Curriculum Committee, University of Montana, 2000-2001
Reviewer, Annual Intermountain Junior Science Competition, University of Montana, 2000-2001
Member, Social Psychology Search Committee, University of Montana, 2000
Reviewer, Undergraduate Scholarship Program, University of Montana, 1999-2001
Faculty Mentor, Freshmen Interest Group (FIG), University of Montana, 1999-2003
Member, Conferences and Seminars Committee, Central Michigan University, 1998-1999
Member, Committee on Overarching Educational Goals, Central Michigan University, 1998-1999

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