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**Dawn M. Zimmaro, Ph.D.**

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**EDUCATION:**

- Ph.D.            **Educational Psychology**            May 2003  
                  **Emphasis:** Measurement and Evaluation  
                  **Minor:** Statistics  
                  The Pennsylvania State University, University Park, PA  
                  **Dissertation:** *Systemic Validity of Unproctored Online Testing: Comparison of Proctored Paper-and-Pencil and Unproctored Web-based Mathematics Placement Testing*  
                  Advisor: Hoi K. Suen
- M.S.            **Educational Psychology**            August 1998  
                  The Pennsylvania State University, University Park, PA  
                  **Thesis:** *Validation of Concept Maps as a Representation of Structural Knowledge*  
                  Advisor: Hoi K. Suen
- B.A.            **Psychology**            May 1995  
                  **Minor:** Statistics  
                  Trenton State College, Trenton, NJ (now The College of New Jersey)  
                  *Summa Cum Laude*

**PROFESSIONAL EXPERIENCE:**

The University of Texas at Austin, Austin, TX

*Senior Director and Director of Assessment*            October 2010 to present  
*Center for Teaching and Learning (CTL)*

*Director, Instructional Assessment and Evaluation*            March 2009 to September 2010  
*Associate Director, Instructional Assessment and Evaluation*    September 2007 to February 2009  
*Division of Instructional Innovation and Assessment (DIIA, now called the Center for Teaching and Learning)*

*Social Science/Humanities Research Associate V*            May 2003 to August 2007  
*Division of Instructional Innovation and Assessment (DIIA, now called the Center for Teaching and Learning)*

The Pennsylvania State University, University Park, PA

*Educational Testing Associate*  
University Testing Services

October 2000 to April 2003

*Coordinator, Learning Assessment Programs and Research*  
The Schreyer Institute for Innovation in Learning

August 1998 to September 2000

*Assistant Coordinator, Learning Assessment Programs and Research*  
The Schreyer Institute for Innovation in Learning

August 1997 to July 1998

**TEACHING EXPERIENCE:**

Lecturer  
Introductory Statistics – Undergraduate course  
University of Texas at Austin, Department of Educational Psychology

Spring 2012

Invited Guest Lecturer  
*Assessing Student Learning*  
Designs for Instruction – Undergraduate course  
University of Texas at Austin, Department of Theatre and Dance

Fall 2006 – Fall 2011

Invited Guest Lecturer  
*Writing Effective Examinations*  
Strategies in Teaching – Graduate course  
University of Texas at Austin, School of Nursing

February 2004 and 2005, March 2006, April 2007

Adjunct Assistant Professor  
Assessment in Counseling (Standardized Testing) – Graduate course  
Texas State University, Department of Educational Administration and Psychological Services

Spring 2004

Instructor  
Critical Reading and Listening Skills – Undergraduate course  
Course in the Comprehensive Studies Program for Equal Opportunity Program students  
Pennsylvania State University, Department of Educational Psychology

Summer 1997

## **PUBLICATIONS:**

Kucsera, J. V., & Zimmaro, D.M. (2010). Comparing the effectiveness of intensive and traditional courses. *College Teaching*, 58, 62-68.

Shibley, I. A., & Zimmaro, D. M. (2002.). The influence of collaborative learning in an introductory chemistry laboratory on student attitudes and performance. *Journal of Chemical Education*, 79(6), 745-748.

Parkes, J. P., Zimmaro, D. M., Zappe, S. M., & Suen, H. K. (2000). Reducing task-related variance in performance assessment using concept maps. *Educational Research and Evaluation*, 6(4), 357-378.

Suen, H. K., Sonak, B., Zimmaro, D., & Roberts, D. (1997). Concept map as scaffolding for authentic assessment. *Psychological Reports*, 81, p. 734.

## **TECHNICAL REPORTS AND MANUALS**

Zimmaro, D.M., Sweet, M., Dickens, L. N., and Reilly, E. (2009, December). VIP training system needs assessment. Austin, TX: Center for Teaching and Learning, University of Texas at Austin.

Kucsera, J. & Zimmaro, D. M. (2008, August). *Electronic course instructor (eCIS) survey report*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmaro, D. M. (2006). *Course placement and credit-by-examination: How well are students prepared to succeed in college?* Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmaro, D. M., Gaede, C. S., Heikes, E. J., Shim, M. P., & Lewis, K. G. (2006). *A study of students' written course evaluation comments at a public university*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Gaede, C. S., Svinicki, M. D., & Zimmaro, D. M. (2006). *Predicting student evaluation of instructor and course: Revisiting the relationship among course grades, improving teaching, and summative evaluation*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Shim, M. P., & Zimmaro, D. M. (2005, December). *Student retention study in computer sciences 303E*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Johnson, M., & Zimmaro, D. M. (2004, December). *Using the classroom performance system in computer sciences 303*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmero, D. M. (2003, December). *Analysis of TOEFL, GRE Verbal and GMAT Verbal Scores for International Graduate Students Applying to the University of Texas at Austin*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmero, D. M. (2003, December). *Validity study of the College Level Examination Program (CLEP) test for credit in Spanish 506, 507, 508K, 312K, and 312L*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmero, D. M. (2003, July). *American Sign Language 506 credit by examination test specifications report*. Austin, TX: Division of Instructional Innovation and Assessment, University of Texas at Austin.

Zimmero, D.M., Cross, S. L, Lipschultz, W. P., & Locklin, R. H. (2002, September). *Penn State Web Placement Testing Preliminary Report*. University Park, PA: The Office of Undergraduate Education, Penn State University.

Zimmero, D. M. (2002, August). *Test Pilot Training Tips Manual*. University Park, PA: University Testing Services, Penn State University.

Zimmero, D. M., & Cawley, J. M. (1999). *Strategies for Assessment: The Why and How*. University Park, PA: Schreyer Institute for Innovation in Learning, Penn State University.

Zimmero, D. M. & Cawley, J. M. (1999). *College of Engineering First Year Seminar Evaluation Report*. University Park, PA: College of Engineering, Penn State University.

Zimmero, D. M. (1998, February). *Assessment Team Consultant Handbook*. University Park, PA: Schreyer Institute for Innovation in Learning, Penn State University.

Zimmero, D. M. (1997). *Learning Edge Academic Program Evaluation Report*. University Park, PA: Office of Undergraduate Education, Penn State University.

## **PRESENTATIONS:**

Zimmero, D.M., & Stuart, G. (2010, June). *Exploring Institutional Effectiveness and Why It Matters*. Presentation at the UT Austin Assessment Institute, University of Texas at Austin, Austin, TX.

Zimmero, D. M. (2010, February). *Current and Future Trends in Course Evaluations of Instruction*. Presentation at the Texas Association of College Teachers Annual Conference, Austin, TX.

Troy, M., Hakimzadeh, H., Johnson, T., & Zimmero, D. M. (2009, February). *The Challenges and Potentials of Evaluating Courses Online*. Panel presentation at the 9<sup>th</sup> Annual Texas A&M Assessment Conference, College Station, TX.

Kucsera, J., Zimmero, D. M., & Trivedi, A. (2008, April). *Intensive Courses: The Effects of Students' Evaluations of Teaching Effectiveness*. Presentation at the Annual Meeting of the American Educational Research Association, New York, NY.

Zimmero, D. M., Morris, D. L., & Gaede, C. S. (2007, April). *Class and Student Level Analysis of Student Evaluations of Teaching*. Presentation at the Annual Meeting of the American Educational Research Association, Chicago, IL.

Zimmero, D. M. (2006, April). *Course Placement and Credit-by-examination: How Well Are Students Prepared to Succeed in College?* Presentation at the Annual Meeting of the American Educational Research Association, San Francisco, CA.

Zimmero, D. M., Gaede, C. S., Heikes, E. J., Shim, M. P., & Lewis, K.G. (2006, April). *A Study of Students' Written Course Evaluation Comments at a Public University*. Presentation at the Annual Meeting of the American Educational Research Association, San Francisco, CA.

Mitra, S., Lopez-Herrejon, R. E., Zimmero, D. M., Johnson, M., & Schulman, M. (October, 2005). *An Assessment of the Effectiveness of Interactive Technology in an Introductory Programming Course for Non-majors*. Presentation at the Annual Meeting of the Frontiers in Education Conference, Indianapolis, IN.

Heikes, E. J., & Zimmero, D. M. (2005, February). *Evaluating K-16 Instructional Programs*. Presentation at the Annual Texas Assessment Conference and the Annual Texas Association of College Testing Personnel Conference, Austin, TX.

Zimmero, D. M. (2004, April). *Systemic Validity of Unproctored Online Testing: Comparison of Proctored Paper-and-pencil and Unproctored Web-based Mathematics Placement Testing*. Presentation at the Annual Meeting of the American Educational Research Association, San Diego, CA.

Williams, C., Meier, R., Bosson, L, and Zimmero, D. M. (2004, February). *American Sign Language as Credit by Examination*. Presentation at the Annual Texas Assessment Conference and the Annual Texas Association of College Testing Personnel Conference, Austin, TX.

Locklin, R. H., Cross, S. L, Zimmero, D. M, & Sathianathan, G. (2003, March). *Releasing Test Questions to Promote Collaboration and Monitoring Learning*. Presentation at the Western Pennsylvania Teaching and Learning Conference, Altoona, PA.

Zimmero, D. M., Lipschultz, W. P., & White, E. R. (2002, October). *FTCAP Online Placement Testing*. Presentation at the Annual CIC Conference of Associate and Assistant Deans in the Arts and Sciences, University Park, PA.

Zimmero, D. M., Kerr, W., & Locklin, R. H. (2002, September). *Commercial Web Testing Tools: A Comparison of Features and Costs of Three Systems*. Poster presentation at the National College Testing Association Annual Conference, Philadelphia, PA.

Locklin, R. H., & Zimmaro, D. M. (2002, September). *Sampling Questions for Tests: Issues and Remedies*. Presentation at the National College Testing Association Annual Conference, Philadelphia, PA.

Zimmaro, D. M., & Locklin, R. H. (2001, September). *Online Mathematics Placement Testing: Pilot Results*. Presentation at the Online Student Placement Exams and Course Evaluations: Current Practice and Future Trends, Champaign, IL.

Simon, L., Harkness, W., Buchanan, P., Chow, M., Heckard, R., Lane, J., and Zimmaro, D. (2000, August). *Restructuring the Elementary Statistics Course: The Penn State Model*. Presentation at the Joint Statistical Meetings, Indianapolis, IN.

Zimmaro, D. M. & Cawley, J. M. (2000, June). *Taking Learning Seriously: Evaluating Learning Opportunities and Student Actions in College Courses*. Presentation at Annual Meeting of the American Association for Higher Education Assessment Conference, Charlotte, NC.

Cawley, J. M., & Zimmaro, D. M. (2000, April). *Student Evaluation of Innovative Teaching and Learning: The Validation of a Theory-based Multidimensional Questionnaire*. Presentation at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

Zimmaro, D. M., Zappe, S. M., Parkes, J. T., & Suen, H. K. (1999, April). *Validation of Concept Maps as a Representation of Structural Knowledge*. Presentation at the Annual Meeting of the American Educational Research Association, Montreal, Canada.

Cawley, J. M., Zimmaro, D. M., Van Meter, P., Theodorou, E. S. (1999, April). *Validity of Concept Maps to Predict Performance on Course Exams*. Presentation at the Annual Meeting of the American Educational Research Association, Montreal, Canada.

Parkes, J. T., Suen, H. K., Zimmaro, D. M., & Zappe, S. M. (1999, April). *Structural Knowledge as a Pre-requisite to Valid Performance Assessment Scores*. Presentation at the Annual Meeting of the National Council of Measurement in Education, Montreal, Canada.

Zimmaro, D. M. (1998, October). *The Validity of Concept Maps as a Tool to Facilitate Application Task Performance*. Presentation at the Northeastern Educational Research Association Annual Meeting, Ellenville, NY.

Gaston C., Trout, K., Zimmaro, D., & Stevens, R. (1998, January). *The Tarzan Swing: A Tool for Developing Math and Physics Skills*. Paper presentation in symposium titled "Applied Calculus and Mathematics for Advanced Technical Careers," presented at the annual combined meetings of the Mathematics Association of America and the American Mathematics Society, Baltimore, MD.

Trout, K., Gaston, C., Zimmaro, D., & Stevens, R. (1997, November). *Active-Learning Physics Experiments Using the Tarzan Swing*. Presentation at the Northeast Regional American Association of Physics Teachers, Poughkeepsie, NY.

### **SUCCESSFUL GRANT PROPOSALS:**

Wrote the assessment plan of a successful Longhorn Innovation Fund for Technology (LIFT) proposal entitled “The QUEST Continues.” (2010). Total amount: \$65,620.

Wrote a significant portion of the assessment plan of a successful Texas Higher Education Coordinating Board fund proposal entitled “Critical Thinking Modules for the First-year Signature Course.” (2008). Total amount: \$249,602.

Wrote a significant portion of the assessment plan of a successful National Science Foundation fund proposal entitled “An Integrated Education Program on Thermodynamics, Kinetics, and Materials Design.” (2000). Fund # 0073836, Total amount: \$362,000.

Wrote the assessment plan of a successful Pew Grant Program in Course Redesign administered by the Center for Academic Transformation at Rensselaer Polytechnic Institute fund proposal entitled “Elementary Statistics”. (1999). Total amount: \$200,000.

### **PROFESSIONAL ORGANIZATIONS:**

<i>Member</i>	January 1999 - present
National Council of Measurement in Education (NCME)	

<i>Member</i>	September 1996 - present
American Education Research Association (AERA)	

<i>Secretary</i>	April 2006 – April 2009
Measurement Services Special Interest Group (SIG), American Education Research Association (AERA)	