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## Curriculum Vitae

### Academic Affiliation

Associate Professor of Educational Psychology  
 Educational Psychology Program  
 College of Education  
 University of New Mexico

### Contact Information

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### **EDUCATION**

- August 2005    University of Arizona, Tucson, AZ., Ph.D. in Educational Psychology. Minor: Epidemiology. *Dissertation: Can Text-Relevant Motor Activity Improve the Recall of Native American Children? Testing Predictions Derived from Glenberg's "Indexical Hypothesis"* (Advisor: Prof. Joel R. Levin).
- 2005            University of Arizona, Tucson, AZ., MPH. Specialization: Biostatistics.
- 2002            University of Arizona, Tucson, AZ., M.A. in Educational Psychology.
- 1995            Arizona State University, Tempe, AZ. B.A. Elementary Education.

### **PROFESSIONAL WORK EXPERIENCE**

- 2011-           Associate Professor of Educational Psychology. University of New Mexico, Albuquerque, NM.
- 2005-2011     Assistant Professor of Educational Psychology. University of New Mexico, Albuquerque, NM.
- 2004-2005     Research Assistant. Institute of Education Sciences (IES) grant examining predictions derived from Glenberg's Indexical Hypothesis. Department of Educational Psychology. University of Arizona.
- 2001-2003     Graduate Teaching Assistant EDP 310: Learning in the Schools. Department of Educational Psychology. University of Arizona.
- 1999-2000     English as a Second Language Teacher. Sopori Elementary School Sahuarita Unified School District. Sahuarita, Arizona
- 1996-1999     Fourth-Grade Teacher. Seven-Mile Elementary School White River Unified School District Fort Apache Indian Reservation. White River, Arizona

**FUNDED RESEARCH**

- 2006-2009 Co-Principal Investigator. United States Department of Health. Revitalizing Quality Nutrition Services in the WIC Program. Total Grant \$380,000; UNM received \$148,386. In partnership with the New Mexico Department of Health.
- Co-Principal Investigator, University of New Mexico RAC Grant Program, "Scientific Misconceptions and Their Remediation through Multimedia Simulation Strategies," \$4,000, December 2006-September 2007.
- Co-Principal Investigator. University of New Mexico Overhead Funds Allocations Committee (OFAC) Grant \$1193. Perceptions of Work Task Preparation and Job Satisfaction of Professional Baseball Athletic Trainers.
- 2005-2006 Co-Principal Investigator. University of New Mexico Research Allocation Committee (RAC) Large Grant - \$6,420. Scientific Misconceptions and their Remediation through Multimedia Simulation Strategies.
- 2003-2004 Principal Investigator. Meyerson Disability Research Project Grant - \$8000. Test of Glenberg's Indexical Hypothesis with Native American Special Needs Students.

**SCHOLARSHIP ACTIVITIES**Refereed Publications (in chronological order)

- Qi, C. H., Kaiser, A., **Marley**, S. C. & Milan, S. (In press) Performance of African American Preschool Children from Low-Income Families on Expressive Language Measures. *Topics in Early Childhood Special Education*.
- Marley**, S.C. & Levin, J.R. (2011). When Are Prescriptive Statements in Educational Research Justified? *Educational Psychology Review*. 23, 197-206.
- Marley**, S.C., Szabo, Z., Levin, J.R. & Glenberg, A.M. (2011) Investigation of an Activity Based Text-Processing Strategy in Mixed-Age Child Dyads. *Journal of Experimental Education*. 79, 340-360.
- Barnes, J., **Marley**, S.C., Gardiner-Shires, A. & Gardiner-Shires, M. (2011). The Relationship between Perceptions of Academic Preparation for Job Tasks and Job Satisfaction of Athletic Trainers in the Professional Baseball Setting: An Organizational Socialization Perspective. *International Journal of Sport Administration*, 12, 1-18.
- Marley**, S. C., Carbonneau, K., Lockner, D. Kibbe, D., & Trowbridge, R. (2011). Motivational Interviewing Skills Positively Predict Nutritionist Self-Efficacy. *Journal of Nutrition and Education Behavior*. 43(1), 28-34.
- Qi, C. H. & **Marley**, S. C. (2010). Validity Study of the Preschool Language Scale-4 with English Speaking Hispanic and Non-Hispanic White Children in Head Start Programs. *Topics in Early Childhood Special Education*. Online First 12/9.
- Biazak, J. E., **Marley**, S.C., & Levin, J.R. (2010). Physical Manipulation and

- Preschool Children: Does a Manipulation Strategy Improve Comprehension of Atypical Events? *Early Childhood Research Quarterly*. 25(4), 515-526.
- Marley, S.C.** (2010) Psychological Measurement for Specialists in Group Work. *Journal for Specialists in Group Work*. 35(4), 331-348.
- Marley, S.C. & Szabo, Z.** (2010). Improving Children's Listening Comprehension with a Manipulation Strategy. *Journal of Educational Research*. 103(4), 227-238.
- Marley, S.C., Levin, J.R. & Glenberg, A.M.** (2010). What Cognitive Benefits Do Dynamic Visual Representations of a Narrative Text Afford Young Native American Readers? *Journal of Experimental Education*. 78(3), 395-417.
- Barnes, J. & **Marley S.C.** (2009). An Analysis of Division I-A Compliance Officers' Perceptions of NCAA Freshman Eligibility Requirements. *International Journal of Sport Administration*, 10(3), 330-349.
- Qi, C. H., & **Marley, S. C.** (2009). Differential Item Functioning Analysis of the Preschool Language Scale-4 Between English-Speaking Hispanic and European American Children From Low-Income Families. *Topics in Early Childhood Special Education*, 29(3), 171-180.
- Zhou, X., Lei, Q., **Marley, S. C.**, & Chen, J. (2009). Existential function of babies: Babies as a buffer of death-related anxiety. *Asian Journal of Social Psychology*, 12(1), 40-46.
- Keim, J., Olguin, D., **Marley, S.C.**, & Thieman, A. (2008) Trauma and Burnout: Counselors in Training. *VISTAS' 5th Anniversary Commemorative Publication of Outstanding Papers*.
- Szabo, Z. & **Marley, S.C.** (2008). Possible classroom teaching methods to improve reading comprehension in 4<sup>th</sup> and 5<sup>th</sup> grade students. *Fascicula Psihologie*, 14, 7-13.
- Marley, S.C., Levin, J.R. & Glenberg, A.M.** (2007). Improving Native American Children's Listening Comprehension Through Concrete Representations. *Contemporary Educational Psychology*, 32(3), 537-550.

#### Invited Publication

- Carbonneau, K., & **Marley, S.C.** (In press). Activity-Based Learning Strategies and Academic Achievement. *International Handbook of Student Achievement*.

#### Book Chapter

- Marley, S. C.**, & Levin, J. R. (2006). Pictorial illustrations, visual imagery, and motor activity: Their instructional implications for Native American children with learning disabilities. In R. J. Morris (Ed.), *Disability research and policy: Current perspectives* (pp. 103-123). Mahwah, NJ: Erlbaum.

#### In Review

- Gardiner-Shires, A., **Marley, S.C.**, Barnes, J., & Shires, M. Perceptions of Preparation for Job

Specific Duties of Athletic Trainers in the Professional Baseball Setting. Submitted to the *Journal of Athletic Training* for review on 6/7/11.

#### In Preparation

Carbonneau, K., **Marley**, S.C., & Selig, J. *A Meta-Analysis of the Efficacy of Mathematics Manipulatives*. Manuscript to be submitted to the *Journal of Educational Psychology*.

Korzekwa, A. & **Marley**, SC. An Examination of the Predictive Validity of NSSE Benchmarks and Scalelets.

#### Technical Reports

Fuller, J., Kibbe, D., Lockner, D., **Marley**, S.C., Trowbridge, R., & Torres, D. *Get Healthy Together: WIC Staff and Clients Moving Toward Healthier Lifestyles. Revitalizing Quality Nutrition Services in WIC through a Focus on Childhood Overweight Prevention – Fit WIC 2*.

#### Refereed Conference Presentations (in chronological order)

Beck, J., Goldfine, B., Seidler, T., **Marley**, S.C., & Gillentine, A. (2011, June). Effect of Religiousness and Spirituality on Athletic Directors Decisions Regarding Prayer at Interscholastic Athletic Events. Paper presented at the annual meeting of the North American Society for Sport Management. London, ON.

Korzekwa, A. & **Marley**, S.C. (2011, Apr.) An Examination of the Predictive Validity Of National Survey of Student Engagement Benchmarks and Scalelets. Invited paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

**Marley**, S.C., Lockner, D., & Carbonneau, K. (2010, Nov.). Measurement of Client Satisfaction in Women Infants and Children (WIC) Clinics. Poster presented at the 2010 annual meeting of the American Public Health Association. Denver, CO.

Gardiner-Shires, A., **Marley**, S.C, Barnes, J., & Shires, M. (2010, June). *Perceptions of Preparation for Job-Specific Duties of Athletic Trainers in the Professional Baseball Setting*. Paper presented at the NATA Annual Meeting and Clinical Symposium. Philadelphia, PA.

Biazak, J.E., **Marley**, S.C. & Levin, J.R. (2010, May). *Does an Activity-Based Learning Strategy Improve Preschool Children's Memory for Narrative Passages?* Poster presented at the annual meeting of the American Educational Research Association, Denver, CO.

Trowbridge, R., Kibbe, D., **Marley**, S.C., Lockner, D., Fuller, J., Torres, D. (2010, Mar.) *Get Healthy Together: Improving Childhood Obesity Counseling in a Time-Limited Clinic Setting*. Poster presented at the National Initiative for Children's Healthcare Quality's annual forum for improving children's healthcare and childhood obesity conference. Atlanta, GA.

Seidler, T., **Marley**, S.C, Beck, J., Goldfine, B., Gillentine, A. (2010, Mar.) *An Analysis of Factors Associated with Prayer at Interscholastic Athletic Events*. Paper presented at the

- Annual Meeting of the Sport and Recreation Law Association. Albuquerque, NM.
- Korzekwa, A. & **Marley**, SC. (2010, Feb). *An Examination of the Predictive Validity of NSSE Benchmarks and Scalelets*. Paper presented at the New Mexico Higher Education Assessment and Retention Conference. Albuquerque, NM.
- Barnes, J & **Marley** S.C. (2010, Feb.). *Perceptions of Academic Preparation and Job Satisfaction of Athletic Trainers in Professional Baseball*. Paper presented at the annual meeting of the Southwest District/Mew Mexico AAHPERD Combined Convention. Sante Fe, NM.
- Beck, J., Goldfine, B., Seidler, T., **Marley**, S.C., & Gillentine, A. (2009, May). *Prayer at Interscholastic Athletic Events in the United States: A Regional Analysis*. Paper presented at the annual meeting of the North American Society for Sport Management. Columbia, SC.
- Hushman, C., **Marley**, S. C., & McCrudden, M. (2009, Apr.). *Does the Number of Relationships Depicted in an Adjunct Display affect Learning?* Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Moreno, R., **Marley**, S. C., Hushman, C. & Biazak, J. (2009, Apr.). *The Role of Prior Knowledge in Learning from Animations and Imagination*. Paper presented at the annual meeting of the American Educational Research Association, San Diego, CA.
- Barnes, J., & **Marley**, S.C. (2008, Nov.). *An Analysis of Division I-A Compliance Officers' Perceptions of NCAA Freshman Eligibility Requirements*. Paper presented at the National Association of Athletic Academic Advisors Southwest Regional Conference and Symposium. Las Vegas, NV.
- Keim, J., **Marley**, S. C., & Olguin, D. (2008, Aug.). *Students' coping strategies: Distress and traumatic client events*. Poster presented at the annual meeting of the American Psychological Association, Boston, Massachusetts.
- Marley**, S. C. & Keim, J. (2008, Aug.). *Violation of the Assumption of Independence in Group Interventions*. Workshop presented at the annual meeting of the American Psychological Association, San Francisco.
- Moreno, R., & **Marley**, S. C., & Helak, J. (2008, June). *What strategies do students use when they learn science with static and dynamic visual representations?* Paper presented at the 2008 International Conference for the Learning Sciences, Utrecht, The Netherlands.
- Keim, J., Olguin, D., **Marley**, S.C. & Theiman, A. (2008, Mar.) *Stress Burnout and Vicarious Trauma: Counselors in Crisis*. Paper presented at the annual meeting of the American Counseling Association. Honolulu, HI.
- Marley**, S. C., Szabo, Z., Levin, J. R., & Glenberg, A. M. (2008, Mar.). *Activity, Observed Activity, and Children's Recall of Orally Presented Narrative Passages*. Paper presented at the annual meeting of the American Educational Research Association, New York.
- Szabo, S. & **Marley**, S.C. (2007, Oct.). *Classroom methods to improve reading comprehension in 4th and 5th grade students*. Paper presented at the 8<sup>th</sup> annual Curriculum and Pedagogy Conference, Marble Falls, Texas.

- Marley, S. C., & Keim, J.** (2007, Aug) *Calculation and Interpretation of Effect Size Measures for Counselors*. Workshop presented at the annual meeting of the American Psychological Association, San Francisco.
- Moreno, R., & **Marley, S. C.** (2007, June). *Do Students' Verbal and Visual Abilities and Preferences Affect Their Learning and Perceptions about Learning Astronomy with Static and Animated Graphics?* European Association for Research on Learning and Instruction.
- Marley, S. C., Levin, J. R., & Glenberg, A. M.** (2007, May.). *Improving Native American children's processing of written text through concrete visual representations*. Poster presented at the annual meeting of the Association for Psychological Science, Washington, D.C.
- Marley, S. C., Levin, J. R., & Glenberg, A. M.** (2007, Apr.). *Can Text-Relevant Manipulations Differentially Improve Native American Children's Memory for Atypical Narrative Events?* Paper presented at the annual meeting of the American Educational Research Association, Chicago.
- Marley, S. C., & Szabo, S** (2007, Apr.) *Manipulatives vs. Pictures: Does Story-Relevant Manipulation Improve Ability to Imagine Story Events?* Paper presented at the annual meeting of the American Educational Research Association, Chicago.
- Moreno, R., **Marley, S. C., & Helak, J.** (2007, Apr.) *Cognitive and Affective Consequences of Learning Astronomy with and without Static and Dynamic Visual Representations*. Paper presented at the annual meeting of the American Educational Research Association, Chicago.
- Qi, C. H., & **Marley, S.C.** (2006, Nov.). *Performance on the Preschool Language Scale-4 of Head Start Children*. Paper presented at the annual meeting of the American Speech-Language-Hearing Association, Miami. FL.
- Marley, S. C., Levin, J. R., & Glenberg, A. M.** (2005, Apr.). *Can text-relevant motor activity improve the recall of learning-disabled Native American children?* Paper presented at the annual meeting of the American Educational Research Association, Montreal.
- Marley, S. C.** (2004, Oct.). *Why local research is important: Internal and external validity of educational interventions with schools serving Native American populations* Paper presented at the annual meeting of the National Indian Education Association. Phoenix, AZ.
- Marley, S. C., & Levin, J. R.** (2004, Oct.). *Glenberg's "indexical hypothesis" and its application to Native American students*. Paper presented at the annual meeting of the Arizona Educational Research Organization, Phoenix, AZ.

## SERVICE

### National

- 2011            Ad hoc reviewer, *Learning and Instruction*.  
                   Ad hoc reviewer, *Journal for Specialists in Group Work*.

Chair, *Learning STEM: The Need for Instructional and Motivational Scaffolding*. Session presented at the Annual Meeting of the American Educational Research Association. New Orleans, LA.

- 2010-2011 Editorial board member, *Educational Psychology Review*.  
 Editorial board member, *Journal of Experimental Education*.  
 Ad hoc reviewer, *Early Childhood Research Quarterly*.
- 2009-2010 Ad hoc reviewer, *Educational Psychology Review*.  
 Ad hoc reviewer, *Journal of Experimental Education*.  
 Ad hoc reviewer, *Journal of Nutrition Education and Behavior*.
- 2008-2010 Reviewer for the American Educational Research Association's annual meetings.

#### Community

- 2009- Academic Mentor – Gabriel Joachim. Cibola High School Student. 2010 Intel International Science and Engineering Fair. Winner of the Animal Sciences Category and Best in Category.

#### College

- 2011 Faculty Scholarship Workload Committee Member.  
 Participant in faculty research panel discussion.
- 2006-2009 College of Education Undergraduate Committee.
- 2006-2007 Search Committee Member - Sports Administration Program

#### Department

- 2011 Research Climate Committee Member.
- 2007-2008 Search Committee Member (Clinical Director of Manzanita Counseling Center).  
 Counselor Education Program.

#### Program

- 2011- Educational Psychology Program Coordinator.
- 2010 Search Committee Member (Visiting Assistant Professor) Educational Psychology Program.
- 2008-2009 Search Committee Member (Applied Educational Statistics) Educational Psychology Program.
- 2007-2008 Director of Educational Psychology research participant pool.  
 2010-

- 2005-2006 Search Committee Member (Applied Educational Statistics) Educational Psychology Program.
- 2005-2009 Advisor. Educational Psychology Graduate Student Association (EPGSA).