

Antonio Olmos, Ph.D.

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Morgridge College of Education
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Education

Ph.D. Cognitive Science. (1998) University of Denver, Department of Psychology. Denver, Colorado. Dissertation title: "A Neural network that performs hyperacuity discrimination".

MA Cognitive Science. (1991) University of Denver, Department of Psychology. Denver, Colorado.

MS Specialization in Applied Statistics. (1987) National University of Mexico, Institute of Engineering and Mathematics Applied to Systems. Mexico City, Mexico.

BS Experimental Psychology. (1982) National University of Mexico, School of Psychology. Mexico City, Mexico.

Languages: English and Spanish.

Professional Experience

- **Associate professor.** Department of Research Methods and Statistics, Morgridge College of Education. University of Denver, Denver CO.
- **Program Evaluation expert.** City of Denver. Energy Efficiency Program of the Denver Office of Strategic Partnerships Residential and Nonprofit Energy Efficiency Services for 2015 and 2016
- **Principal investigator.** Jefferson County School district. Contract to investigate the Long Term Outcomes for Special Education Students.
- **Program Evaluation expert.** City of Denver. Development of a Request for Evaluation Proposal for the program: Denver First Housing: A Pay for Success Program.
- **Research design/Statistical advisor.** Augenblick, Palaich & Associates. Statistical advice in a propensity scores matching project to estimate the long-term impact of the Denver Preschool Program.
- **Program Evaluator.** University of Northern Colorado. Mathematics and Science Teaching to English Learners (MAST-EL) an IES-funded grant.
- **Program Evaluator.** Smart Girls Inc. Development of program evaluation including instrument development and outcomes analysis.
- **Psychometrics expert.** TeachTown. Development of an assessment for children with learning disabilities using Rasch models.
- **Statistics expert.** Colorado Department of Education. Statistical analysis of historical data of the Expelled and At-Risk Student Services (EARSS) Program using an interrupted time series analysis.
- **Research Advisor.** National research Center/Denver Museum of Nature and Science. Metro Denver Urban Advantage Middle School Science Initiative, a NSF-funded project designed to improve science literacy among middle school students in the Denver Metropolitan area
- **Program Evaluator.** Family Star Montessori School. Development of program evaluation
- **Institutional Review Board,** Mid Continent Research Educational Laboratory (McREL (member February 2012-date), American Humane Association (**Chair:** March 2008-May 2010; member: May 2010-date)).
- **Director of the MHCD Research Institute.** Mental Health Center of Denver.
- **Director of Evaluation and Research.** Mental Health Center of Denver.
- **Program Evaluation Consultant.** Denver Public School District's department of Psychological Services to incorporate standardization, continuous quality improvement and evaluation of outcomes.
- State Epidemiological Workgroup (SEW) for the SPF SIG grant, awarded to the State of Colorado to determine the population needs, resources and readiness to address health needs in several areas, including but not limited to substance abuse and mental health.
- **Invited as data expert**
- Cornerstone System of Care. **Invited as Program Evaluation expert,**
- Healthy People 2010. **Invited as member of the Scientific Advisory board**

- Violence Prevention Advisory Group (VPAG) at the State of Colorado's Department of Public Health and Environment (CDPHE). **Invited as member of the Scientific Advisory board**
- *Coloradans Working Together* (CWT) at the State of Colorado's Department of Public Health and Environment (CDPHE), and *Colorado HIV and AIDS Prevention* (CHAP) Grant Program at the State of Colorado's Department of Public Health and Environment (CDPHE). **Invited as Community member**
- Redemption project, a CSAP-SAMHSA grant awarded to the Greater Denver Interfaith Alliance. **Program Evaluator**
- Open World Learning. **Program Evaluator**
- Mi Casa Resource Center for Women Inc. **Program Evaluator**
- Sheridan School District/University of Denver. Sheridan Family Strengthening Project. **Program Evaluator**
- National Coalition of Hispanic Health and Human Services Organization (COSSMHO). Proyecto Informar: A cultural competency training for health care providers. **Evaluation and statistical consultant.**

Community

- Colorado Evaluation Network (COEN) President of the board (2014).
- American Evaluation Association (AEA). Co-chair of the local arrangements committee. American Evaluation Association Conference, Denver CO. (2014).
- Member in active standing with the of the *Behavioral and Social Science Volunteer* (BSSV) network, a CDC funded program that offers free and ongoing technical assistance to community-based organizations, health departments, and HIV-prevention community planning groups that want state-of-the-science prevention for their communities.

Scholarship

Publications in refereed journals

- Olmos, A., Govindasamy, P. (2015). Propensity Scores: A practical introduction using R. *Journal of Multidisciplinary Evaluation*, 25(11). <http://www.jmde.com/> ISSN 1556-8180
- Olmos, A., Govindasamy, P. (2015). A Practical Guide for Using Propensity Score Weighting in R. *Practical Assessment, Research & Evaluation*, 20(13), June 2015. <http://pareonline.net/getvn.asp?v=20&n=13>
- Luszczakoski, K.D., Olmos-Gallo, P.A. Milnor, W., McKinney, C.J. (2014). *Measuring Mental Health Recovery: An Application of Rasch Modeling to the Consumer Recovery Measure. The Journal of Behavioral Health Services & Research*. 1-12. doi: 10.1007/s11414-014-9411-1.
- Luszczakoski, K.D., Olmos-Gallo, P.A., McKinney, C. J., Starks, T., Huff, S. (2014). Measuring recovery related outcomes: A psychometric investigation of the Recovery Markers Inventory. *Community Mental Health Journal*, 1-7. doi: 10.1007/s10597-014-9728-5
- Harding-DeKam, J.L., Reinsvold, L., Olmos, A., Song, Y., Franklin, B., Higgins, T., & Enriquez, M. (2014). Mathematics and science teaching for English learners (MAST-EL) partnership: A relationship among elementary school teachers, pre-service teachers, principals, coaches, and college faculty. *Teacher Education & Practice (Special theme issue STEM Teacher Preparation and Practice: Prepare and Inspire Students)*, 27(2/3), 267-281.
- Olmos-Gallo, P.A. Starks, R., DeRoche-Luszczakoski, K.K., Huff, S., Mock, K. (2012). *Seven Key Strategies that Work Together to Create Recovery Based Transformation. Community Mental Health Journal*, 48 (3) 294-301. DOI 10.1007/s10597-011-9441-6.
- Olmos-Gallo, P.A. DeRoche, K.K. (2010, August). *Monitoring Outcomes in Mental Health Recovery: The Effect on Programs and Policies. Advances in Mental Health* (9)1, 8-16. <http://amh.e-contentmanagement.com/archives/vol/9/issue/1/>
- Whitton, S., Olmos-Gallo, P.A., Stanley, S., Prado, L., Kline, G., St. Peters, M., et al. (2007, June). Depressive symptoms in early marriage: Predictions from relationship confidence and negative marital interaction. *Journal of Family Psychology*, 21(2), 297-306.
- Stanley, S. M. Kline-Rhoades, G., Olmos-Gallo, P. A. & Markman, H.J. (2007). Mechanisms of Change in a Cognitive Behavioral Couples Prevention Program: Does Being Naughty or Nice Matter? *Prevention Science*, 8, 227-239.

- Geist, M. R., Olmos-Gallo, P.A., Grimmer, M., Mundfrom, D. J. (2006). Protective Factors and Risk Factors in Preschool Aged Children. *Multiple Linear Regression Viewpoints*, 32 (1), 7-13 (Fall 2006).
- Kline, G.H., Stanley, S.M., Markman, H.J., Olmos-Gallo, P.A., St-Peters, M., Whitton, S.W. Prado, L.M. (2004). Timing is everything: Pre-engagement cohabitation and increased risk for poor marital outcomes. *Journal of Family Psychology*, 18, 311-318.
- Markman, H, Whitton, S., Kline, G., Thompson, H., St. Peters, M., Stanley, S., Leber, B. D., Olmos-Gallo, P. A., Prado, L., Williams, T., Gilbert, K., Tonelli, L., Bobulinski, M., and Cordova, A. (2004). Use of an empirically-based marriage education program by Religious organizations: Results of a dissemination trial. *Family Relations Family Relations*, 53(5), 504-512.
- Laurenceau, J.P., Stanley, S.M., Olmos-Gallo, P.A., Baucom, B., Markman, H.J. (2004). Community-Based Prevention of Marital Dysfunction: Multilevel Modeling of a Randomized Effectiveness Study. *Journal of Consulting and Clinical Psychology*, 72(6), 933-943.
- Mason, K., Olmos-Gallo, P.A., Bacon, D., McQuilken, M., Henley, A., Fisher, S. (2004). Exploring the consumer's and provider's perspective on service quality in community mental health care. *Community Mental Health Journal*, 40(1), 33-46.
- McQuilken, M., Zahniser, J., Novak, J., Starks, R., Olmos-Gallo, P.A., Bond, G. (2003). The work project survey: Consumer perspectives on work. *Journal of Vocational Rehabilitation*, 18(1), 59-68.
- Stanley, S.M., Markman, H.J., Prado, L.M., Olmos-Gallo, P.A., Tonelli, L., St. Peters, M., et al. (2001). Community Based Premarital Prevention: Clergy and Lay Leaders on the Front Lines. *Family Relations*, 50(1), 67-76.
- Hutchinson, S. R. & Olmos-Gallo, P. A. (1998). The behavior of Ad hoc fit indices in CFA using ordered categorical data. *Structural Equation modeling*, 5, 344-364.

Book chapters

- Hartman, S.G. Olmos-Gallo, P.A., Barrueco, S., & Markman, H.J. (2004). Reality testing in prevention science: A progressive approach to effecting change in marriage. In: R. Conger, F. O. Lorenz, and K.A.S. Wickrama (Eds.), *Continuity and change processes in relationships: Theory, methods and empirical findings*. pp. 181-200 Lawrence Erlbaum, Inc.

Technical/Program Evaluation reports

- Olmos, A. (2014, July). Report for the proposal to investigate the Long Term Outcomes for Special Education Students.
- Olmos, A., Finlay, K. (2014, June). Request for Evaluation Proposal for the program: Denver First Housing: A Pay for Success Program.
- Enriquez, M., Olmos, A. (2012, May). Statistical analysis of historical data of the Expelled and At-Risk Student Services (EARSS) Program using an interrupted time series analysis.
- Enriquez, M., Olmos, A. (2011-2014). Mathematics and Science Teaching to English Learners (MAST-EL), an IES-funded professional development intervention to prepare pre-service and in-service elementary teachers to deliver high quality math and science instruction to K-5 English learners. Annual report.

Other publications

- Clark, C.R., Olmos-Gallo, P.A. (2007). Performance Measurement: A signature approach to outcomes measurement improves recovery. *National Council Magazine*, 3, 26-28.
- Olmos-Gallo, P.A., Grimmer, M. (2005). PEARL: Lessons learned from collaboratively delivering mental health services in early childhood settings. In: C. Newman, C. Liberton, K. Kutash & R. Friedman (Eds). *The 17th Annual Research Conference Proceedings: A System of Care for Children's Mental Health: Expanding the Research Base* (pp. 247-252). Tampa: University of South Florida, Louis de la Parte Florida Mental Health Institute, Research and Training Center for Children's Mental Health.
- Prado, L.M., Olmos-Gallo, P.A. (2002) Culturally Competent Evaluation: Conceptual Frameworks, Guidelines and Best Practices. *Proceedings of a workshop sponsored by The Colorado Trust*. Denver, CO.

- Olmos-Gallo, P. A. (1998). A Neural network that performs hyperacuity discrimination. Unpublished doctoral dissertation, University of Denver, Denver, Colorado.
- Olmos-Gallo, P. A. & Misra, M. (1998). An overview of Models that explain Hyperacuity. *Technical Report*, University of Denver, Denver, Colorado.
- Olmos-Gallo, P.A. & Misra, M. (1995). Heterogeneous Parallel Implementation of a Neural Model for Pattern Discrimination. In: *Proceedings of the International Conference on High Performance Computing*, December 27-30. New Delhi, India.
- Olmos-Gallo, P. A. (1993). Comparison of the performance of four models of receptive field for hyperacuity tasks. *Investigative Ophthalmology & Visual Science*, 34(4), 414-63.
- Olmos-Gallo, P. A. (1991). Comparison of four models of receptive fields to explain hyperacuity. *Unpublished master's thesis*, University of Denver, Denver, Colorado.

Manuscripts under review

- Govindasamy, P., Olmos, A., Kathy Green, K., Salazar, M. Application of Many Faceted Rasch Measurement with FACETS

Manuscripts in preparation

- Govindasamy, P., Olmos, A. Randomized experiments vs. Propensity scores analysis: a Meta-analysis.
- Olmos, A., Hartnett-Edwards, K., Green K. E., Seidel, K., Differences in Perceptions of Teacher Preparation for Teacher Candidates, Graduates, and Program Faculty.
- Hartnett-Edwards, K., Green, K. E., Olmos, A., Seidel, K. Perceptions of University- vs. Licensure-trained Teacher Candidates about Competencies Supported by Coursework and Clinical Experiences.
- Olmos, A., Hutchinson, S., Stanley, S., Kline, G. Strategies to assess measurement invariance in longitudinal studies. Manuscript in preparation.
- Olmos, A., Hutchinson, S., Stanley, S., Kline, G. Developmental changes in the concept of Marital satisfaction: Study of a longitudinal sample. Manuscript in preparation.
- Olmos, A., S., Stanley, S., Kline, G. Reassessment of an instrument to measure marital satisfaction using Rasch analysis. Manuscript in preparation.

Grants (awarded or pending)

- Western Interstate Commission for Higher Education. WICHE Center for Rural Behavioral Health Research. Technical assistance (P.I.: Thomas Barrett, Ph.D.)
- Aurora Research Institute. Contract to provide evaluation and research services. Principle investigator.
- Global Down Syndrome Foundation. Adult Educational Programming: An exploration of courses designed to meet the unique needs of individuals with Down syndrome. Program Evaluator (P.I.: Debbie Fidler, Ph.d., Karen Riley, Ph.D.)
- Western Interstate Commission for Higher Education's (WICHE) Mental Health Program. Colorado Partners in Evaluation for Community Prevention (COPE-CP). Provides technical assistance to the Office of Behavioral Health (OBH) and OBH grantees in maximizing substance use prevention outcomes for Colorado's Substance Abuse Prevention and Treatment Block Grant (SABG) (not funded)
- Jefferson County School district. Proposal to investigate the Long Term Outcomes for Special Education Students. Principle investigator.
- IES, U.S. Department of Education: An Exploration of Novice Teachers' Core Competencies: Statistics/ Program Evaluation expert

National Conference Presentations (peer reviewed)

- Olmos, A., Govindasamy, P. (November 2016). Meta-analysis: A step-by step guide for a successful implementation in R. Presented at the American Evaluation Association Annual Conference. Atlanta, GA.

- Govindasamy, P., Olmos, A. (November 2016). Propensity score analysis with more than 2 treatment groups: the effect of sample sizes, and type of bias with two different approaches. Presented at the American Evaluation Association Annual Conference. Atlanta, GA.
- Olmos, A., Govindasamy, P. (November 2016). Steps in conducting a multivariate meta-analysis and fitting a multiple regression model on averaged correlations in R. Presented at the American Evaluation Association Annual Conference. Atlanta, GA.
- Wacker, E., Patel, M., Olmos, A. (November 2016). Understanding how new program evaluators perceive the connections among program evaluation theorists. Presented at the American Evaluation Association Annual Conference. Atlanta, GA.
- Govindasamy, P., AlGamdi, H., Olmos, A. (August 2016). Univariate vs. Multivariate meta-analysis of GRE scores with GPA. Presented at the 2016 APA Annual Convention. Denver, CO.
- Olmos, A., Govindasamy, P. (November 2015). *Propensity Scores: an introduction to the concepts and practices associated with a successful implementation*. Presented at the American Evaluation Association Annual Conference. Chicago, Ill.
- Olmos, A., Govindasamy, P. (November, 2015). *Propensity scores using more than 2 groups: What are my options as a practitioner?* Presented at the American Evaluation Association Annual Conference. Chicago, Ill.
- Govindasamy, P., Olmos, Antonio (November, 2015). *Introducing Optimalpostmatch package in R for Propensity score analysis*. Presented at the American Evaluation Association Annual Conference. Chicago, Ill.
- Olmos, A., Hartnett-Edwards, K, Green, K., Seidel, K. (October, 2014). Differences in Perceptions of Teacher Preparation for Teacher Candidates, Teacher Graduates, and Program Faculty. Presented at the American Evaluation Association Annual Conference. Denver, CO
- Govindasamy, P., Olmos, A. Randomized experiments vs. Propensity scores matching: a Meta-analysis. Presented at the American Evaluation Association Annual Conference. Denver, CO
- Assefa, S. G., Olmos, A., Technology in Education: The measure of success. Presented at the American Evaluation Association Annual Conference. Denver, CO
- Harding-DeKam, J.L., Olmos, A., Enriquez, M., Reinsvold, L., The Linguistically Diverse Pedagogical Content Knowledge Mathematics and Science Teacher Observation Tool (PCK-Tool). An observation tool to assess the use of pedagogy and pedagogical content knowledge in math and science for English Learners. Presented at the American Evaluation Association Annual Conference. Denver, CO
- Hartnett-Edwards, K, Green, K., Seidel, K., Olmos, A. (April, 2014). Perceptions of teacher candidates from traditional and alternative teacher preparation programs about competencies supported by coursework and clinical experiences. Presented at the 2014 American Educational Research Association Annual Meeting, Philadelphia, PA.
- Olmos, A., (October 2013). If I build it, will they come? Program stakeholders use of dashboards for data outcomes and quality improvement. Presented at the 2013 American Evaluation Association Conference, Washington, D.C.
- Hutchinson, S., Olmos, A., Teman, E. (October 2013). *Adequacy of Model Fit in Confirmatory Factor Analysis and Structural Equation Models: It Depends on What Software You Use*. Presented at the 2013 American Evaluation Association Conference, Washington, D.C.
- Olmos, A., Zhang, D., Seidel, K. (April, 2013). Measuring Core Competencies of Teaching with Novice Teachers: Relationships with student achievement. Presented at the 2013 American Educational Research Association Annual Meeting, San Francisco, CA.
- Olmos-Gallo, P.A., Hutchinson, S.R., Rhoades, G. (2012). *Longitudinal measurement invariance for a marital satisfaction instrument: Which is unstable: The construct or the instrument?* Presented at the 2012 American Evaluation Association Conference. Minneapolis, MN.
- Olmos-Gallo, P.A., Baird, C. (2012). Ethics teaching in Education: Reflections based on the analysis of some trends in the field. Presented at the Nineteenth Annual AATC Conference, San Antonio, TX.

- McLean, C., Olmos-Gallo, P.A., McKinney, C.J. (November 2010). *The perfect couple: Clinical Quality and Program Outcomes: Using data to improve clinical practices*. Presented at the 2010 American Evaluation Association Conference. San Antonio, TX.
- McKinney, C.J., Olmos-Gallo, LaGanga, L.R. (November 2010). *Driving Clinical Quality Improvement through Mental Health Recovery Control Charts*. Presented at the Institute for Operations Research and Management Science Annual Meeting. Austin, TX.
- Starks, R., Olmos-Gallo, P.A., DeRoche, K.K., LaGanga, L. (November, 2010). *System transformation in Mental Health: How the Mental Health Center of Denver (MHCD) is becoming a Recovery-Oriented Center*. Presented at the American Public Health Association Conference, Denver, CO.
- Olmos-Gallo, P.A., McLean, C., McKinney, C.J. (November, 2010). *Recovery Needs Level: Using data to determine the best level of service for consumers of mental health services*. Presented at the American Public Health Association Conference, Denver, CO.
- LaGanga, L.R., McKinney, C.J. Olmos-Gallo, P.A. McLean, C. (August 2010). *Driving Clinical Quality Improvement through Mental Health Recovery Control Charts*. Presented at the 3rd Annual Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care, Rochester, MN.
- Olmos-Gallo, P.A., DeRoche, K., McKinney, C.J. (November, 2009). *How analogies can save the day when it comes to explaining difficult statistical concepts to stakeholders*. Paper presented at 23rd Annual Meeting of the American Evaluation Association Conference. Orlando, FL.
- DeRoche, K. Olmos-Gallo, P.A. (November, 2009). *Evaluation of how mental health staff promotes recovery: A Rasch analysis of the PRO survey*. Paper presented at 23rd Annual Meeting of the American Evaluation Association Conference. Orlando, FL.
- DeRoche, K. Olmos-Gallo, P.A. Prado, L. (November, 2009). *The Youth Evaluation Project at the Mental Health Center of Denver*. Paper presented at 23rd Annual Meeting of the American Evaluation Association Conference. Orlando, FL.
- McKinney, C.J., Olmos-Gallo, P.A., Laganga, L., DeRoche, K. (November, 2009). *Incorporating Multilevel Techniques into Quality Control Charts*. Paper presented at 23rd Annual Meeting of the American Evaluation Association Conference. Orlando, FL.
- Laganga, L., McKinney, C.J., DeRoche, K. Olmos-Gallo, P.A. (October, 2009). *Multilevel Techniques for Quality Control Charts of Recovery Outcomes*. Paper presented at the INFORMS Annual Meeting, San Diego, CA.
- Olmos-Gallo, P.A., DeRoche, K.K., Mock, K., Flynn, J., Starks, R. (May, 2009). *Interaction between the Consumer's and the Therapist's sense of Hope: What have we learned, and how can we increase its impact?* Paper presented at the "Innovations in Recovery Seminar, Washington, DC.
- Gunderson, J., Olmos-Gallo, P.A. (November, 2008). *Evaluating Culture in Resiliency, Recovery, and Systems of Care: A tale of different stakeholders*. Paper presented at the 22nd Annual Meeting of the American Evaluation Association Conference, Denver, CO.
- DeRoche, K.K., Olmos-Gallo, P.A., McKinney, C.J. (November, 2008). *Evaluating Growth in Mental Health Recovery: A Latent Growth Curve Modeling Approach*. Paper presented at the 22nd Annual Meeting of the American Evaluation Association Conference, Denver, CO.
- DeRoche, K.K., Olmos-Gallo, P.A., Prado, L.M., Granato, H., Shaw, S. (November, 2008). *Evaluating a community level HIV and substance use prevention program: The Fortaleciendo la Comunidad project*. Paper presented at the 22nd Annual Meeting of the American Evaluation Association Conference, Denver, CO.
- McKinney, C.J., DeRoche, K.K., Olmos-Gallo, P.A. (November, 2008). *Understanding Consumer Self-Perceptions Regarding Mental Health Recovery: A Structural Equation Modeling Evaluation*. Paper presented at the 22nd Annual Meeting of the American Evaluation Association Conference, Denver, CO.
- McKinney, C.J., DeRoche, K., Olmos-Gallo, P.A., Hester, M., & Sammons, D. (August, 2008). *Utilizing Stakeholders to Inform Mental Health Treatment Practice*. Paper presented at the 2008 Joint Statistical Meetings Annual Conference. Denver, CO

- Mock, K., Toney, J., McKinney, C.J., Olmos-Gallo, P.A., Gebremichael, H., Dangler, L., Esparza, L. (June, 2008). *Integrating Consumer, Clinician, and Stakeholder input into program evaluation: A mixed methods approach*. Poster presented at SAMHSA Annual Conference. Washington, D.C.
- Olmos-Gallo, P.A., Starks, R., DeRoche, K., McKinney, C.J., (February, 2008). *The Recovery Initiative at the Mental Health Center Of Denver: New Developments and Challenges in the path toward Strengths-Based, Recovery Focused Organizations*. Paper presented at the 18th Annual Conference on State Mental Health Agency Services Research, Program Evaluation and Policy. Arlington, VA.
- Gosselin, E., Olmos-Gallo, P.A., Baumer, S., Laganga, L., Helvig, K. (November, 2007). *Learning through Focus Groups: Evaluation of the Treatment Planning Process by Clinicians within a Community Mental Health Center*. Poster presented at 21st Annual Meeting of the American Evaluation Association Conference. Baltimore, MD.
- McKinney, C.J., Olmos-Gallo, P.A., DeRoche, K. (November, 2007). *Utilizing Hierarchical Linear Modeling in Evaluation: Concepts and applications*. Paper presented at 21st Annual Meeting of the American Evaluation Association Conference. Baltimore, MD.
- DeRoche, K., Gosselin, E., Olmos-Gallo, P.A., Rhodes, R. (November, 2007). *The Process of Mental Health Recovery/Resiliency in Children and Adolescents*. Paper presented at 21st Annual Meeting of the American Evaluation Association Conference. Baltimore, MD.
- McKinney, C.J., Olmos-Gallo, P. A. Prado, L., Umemoto, K., DeRoche, K. (June, 2007). Hierarchical Linear Modeling to Assess Outcomes in a Community-Based Early Childhood Program. Presented at the 14th annual conference, "Building on family strengths: Research and service support of children and their families". Portland, OR.
- DeRoche, K., Olmos-Gallo, P. A., Prado, L., Weimer, A. (June, 2007). *Exploring the Meaning of Mental Health Recovery/Resiliency in Children and Adolescents: A Multi-Method Approach*. Presented at the 14th annual conference, "Building on family strengths: Research and service support of children and their families". Portland, OR.
- DeRoche, K., Olmos-Gallo, P. A., Hutchinson, S., McKinney, C.J. (November, 2006). *The Psychometrics of a Self-Report Recovery Measure: A Comparison of Classical Test Theory and Rasch Modeling*. Presented at the 20th Annual Meeting of the American Evaluation Association Conference. Portland, OR.
- DeRoche, K., Olmos-Gallo, P. A., Hutchinson, S., McKinney, C.J. (November, 2006). *Mental Health Center of Denver's (MHCD) Recovery Markers: Development of a Clinician Based Measure of Recovery From Mental Illness*. Presented at the 20th Annual Meeting of the American Evaluation Association Conference. Portland, OR.
- Gosselin, E., Baumer, S., Olmos-Gallo, P. A. & Helvig, K. (November, 2006). *What is Participation? How Mental Health Consumers Perceive Participation in their Individual Service Plans and its Impact on Services*. Presented at the 20th Annual Meeting of the American Evaluation Association Conference. Portland, OR.
- Prado, L., Olmos-Gallo, P. A., DeRoche, K. (November, 2006). *Building Evaluation Capacity for Communities of Color: Lessons from the Field*. Presented at the 20th Annual Meeting of the American Evaluation Association Conference. Portland, OR.
- Olmos-Gallo, P.A. Huff, S., Starks, R., (April, 2006). *Measuring Recovery from the Consumer's Perspective*. Presented at the National Council for Community Behavioral Healthcare's Annual Training Conference. Orlando, FL.
- Olmos-Gallo, P.A. Huff, S., Starks, R., Flynn, J. (February, 2006). *The Recovery Implementation Initiative at the Mental Health Center of Denver: Lessons Learned by a Recovery Oriented Community Mental Health Center*. Presented at the 16th Annual Conference on State Mental Health Agency Services Research, Program Evaluation and Policy. Baltimore, MD.
- Olmos-Gallo, P. A., Whitton, S. W., Stanley, S. M., Kline, G. H., Markman, H. J., Pleasant, N. D., Allen, E. S. & Williams, T. (2004). Relationship confidence on the pathway between negative communication and changes in symptoms of depression early in marriage: Results from a longitudinal study. Presented at the Annual Convention of the Association for Advancement of Behavior Therapy, New Orleans, LA.

- Olmos-Gallo, P.A., (October, 2004). *Longitudinal Hierarchical Linear Modeling Analysis of changes in Severity scores for Assertive Community Treatment Consumers*. Presented at the Annual Conference of the American Evaluation Association (AEA). Atlanta, GA.
- Olmos-Gallo, P.A., Bacon, D., Mason, K. (May, 2004). *Comparison of expert-based and a Rasch based approach in the development of a severity index to measure outcomes*. Presented at the Canadian Evaluation Society National Conference: "Evaluation: A Co-Operative Enterprise". Saskatchewan, CA.
- Grimmer, M., Olmos-Gallo, P.A. (May, 2004). *PEARL: Promoting the social-emotional well-being of children and families through partnership with parents and early learning centers*. Presented at the 11th annual conference, "Building on family strengths: Research and service support of children and their families". Portland, OR.
- Mallah, K., Smart, L., Olmos-Gallo, P.A. (May, 2004). *Trauma history, symptom profile, and diagnosis in a child outpatient Community Mental Health sample*. Presented at the 11th annual conference, "Building on family strengths: Research and service support of children and their families". Portland, OR.
- Olmos-Gallo, P.A., Grimmer, M. (February, 2004). *PEARL: Lessons learned from collaboratively delivering mental health services in early childhood settings*. Presented at the 17th Annual Research Conference, "A System of Care for Children's Mental Health: Expanding the Research Base". Tampa, FL.
- Olmos-Gallo, P.A., Bremer, R., Zanhizer, J., Thomas, M. (November, 2003). *Development of a Severity Index to Measure Outcomes in Assertive Community Treatment Teams*. Presented at the Annual Conference of the American Evaluation Association (AEA). Reno/Sparks, NV.
- Johnson, A. Olmos-Gallo, P.A. (November, 2003). *Dialectical Behaviour Therapy in Australia and the United States: Outcomes and Patient Impressions*. Presented at the 37th Annual Meeting of the Association for the Advancement of Behavior Therapy. Boston, MA.
- Markman, H.J., Stanley, S.M., Kline, G., Olmos-Gallo, P.A. (November, 2003) *How changes in conflict management predicts changes in future satisfaction: Examples from the PREP approach*. Presented at the 37th Annual Meeting of the Association for the Advancement of Behavior Therapy.
- Thomas, M., Bremer, R., Olmos-Gallo, P.A., Flanders, G., McGuirk, F., Waxmonsky, J., Engleby, C. (June, 2003). *Implementation of an Assertive Community Treatment team in a Medicaid Behavioral Health Care Organization. The impact on utilization, cost and outcome*. Annual Conference of the Academy of Health. Nashville, TN.
- Olmos-Gallo, P. A., Prado, L.M., Mason, K. (January, 2003). *Exploring the Consumer's and Provider's perspective on Cultural Competence in Community Mental Health Care*. 4th annual conference on the Relevance of Assessment and Culture in Evaluation (RACE 2003). Tempe, AZ.
- Olmos-Gallo, P. A. & Hutchinson, S. R. (November, 2002). *Instrument Equivalence across Ethnic Groups*. Presented at the Annual Conference of the American Evaluation Association (AEA). Washington, DC.
- Stanley, S.M., Markman, H.J., St. Peters, M., Olmos-Gallo, P.A., Prado, L.M., Harris, H., Tonelli, L., Whitton, S.W., Gilbert, K., Baucom, B., Gonzalez, T., Monarch, N., Hartman, S., Kline, G. & Freedman, C. (November, 2001). *Outcome and dissemination results from an ongoing, longitudinal study of premarital training in faith-based settings*. Paper presented at the 35th Annual Meeting of the Association for the Advancement of Behavior Therapy. Philadelphia.
- Olmos-Gallo, P. A. & Hutchinson, S. R. (May, 2001). *Instrument Equivalence across Ethnic Groups*. Presented at the Annual Spring Conference of the Organization for Program Evaluation in Colorado (OPEC). Lyons, CO.
- Stanley, S.M., Olmos-Gallo, P.A., Whitton, S.W., Prado, L.M., St. Peters, M., Markman, H.J., Baucom, B., & Kline, G. (November, 2000). *The Relationship of Female Depression Scores to Relationship Variables Prior to Marriage*. Paper presented at the meeting of the Association for the Advancement of Behavior Therapy. New Orleans.
- Laurenceau, J.P, Stanley, S.M., Olmos-Gallo, P.A., Baucom, B., & Markman, H.J. (November, 2000). *Trajectories of community couples outcomes: Experimental and longitudinal methods in examining prevention programs for couples distress*. Paper presented at the meeting of the Association for the Advancement of Behavior Therapy. New Orleans.

Stanley, S.M., Markman, H.J., Prado, L.M., Tonelli, L., Olmos-Gallo, P.A., Bobulinski, M., Whitton, S., St. Peters, M., Leber, B.D., & Cordova, A. (November, 1999). *Preventing divorce and enhancing relationships: Helping couples in the community*. Paper presented as part of the Innovations in the Dissemination of Prevention Programs for Couples symposium, at the 33rd Annual Meeting for the Association for the Advancement of Behavior Therapy, Toronto, CA.

Markman, H. J., Stanley, S., Cordova, A., Prado, L., Leber, D., St. Peters, M., Tonelli, L., Bobulinski, M., Olmos-Gallo, P. A. & Whitton, S. (November, 1998). *Interaction Predictors of Divorce and Marital Distress: The Role of Active Listening and Destructive Arguing*. 32nd Annual convention of the Association for Advancement of Behavior Therapy, Washington, DC.

Markman, H. J., Stanley, S., Cordova, A., Prado, L., Leber, D., St. Peters, M., Tonelli, L., Bobulinski, M., Olmos-Gallo, P. A. & Whitton, S. (November, 1998). *A Public Health Perspective on Prevention programs for Couples: Illustrations from Research and Dissemination on the PREP Approach*. 32nd Annual convention of the Association for Advancement of Behavior Therapy, Washington, DC.

Hutchinson, S. R. & Olmos-Gallo, P. A. (August, 1996). *The Behavior of Ad Hoc Fit Indices in Confirmatory Factory Analyses Using Ordered Categorical Data*. Annual meeting of the American Educational Research Association, New York, NY.

Olmos-Gallo, P. A. (June, 1995). *A Multi-layer Radial Basis Function Network that Can Improve Generalization*. Annual meeting of the Classification Society of North America, Denver, CO.

Peacock, M. P., & Olmos-Gallo, P. A. (June, 1995). *A Comparison of Linear and Nonlinear Methods for Classification of Dyslexia*. Annual meeting of the Classification Society of North America, Denver, CO.

State/Regional Conference Presentations

Govindasamy, P., Olmos, A., Kieling, K. (January, 2016). *Introducing Effectsizecalculator package in R for meta-analysis*. Presented at the DU Research & Performance Summit, University of Denver, Colorado.

Olmos, A., Govindasamy, P. (May, 2014). *Randomized experiments vs. Propensity scores matching: A Meta-analysis*. Poster presented at the 2014 Annual Meeting, Organization for Program Evaluation in Colorado. Peaceful Valley Ranch, CO.

Olmos, A., Green, K. E., Cutforth, N. J., (May, 2013). *The Research Methods and Statistics (RMS) program at the University of Denver: Seeking a win-win collaboration*. Presented at the 2013 Annual Meeting, Organization for Program Evaluation in Colorado. Peaceful Valley Ranch, CO.

Olmos-Gallo, P.A., DeRoche, K., Richey, C. (May, 2010) *The Recovery Measurement Tool: Preliminary analysis of an instrument to measure recovery*. Presented at the 2010 Consumer/Family/Provider MHCD Recovery Conference. Denver, CO.

DeRoche, K.K., Olmos-Gallo, P.A., (May, 2009). *The PRO (Promoting Recovery in Mental Health Organizations) survey: How recovery-oriented are Mental Health centers, according to their own consumers?* Paper presented at the 20th annual MHCD Recovery Conference, Denver, CO.

DeRoche, K., Shaw, S., Gunderson, J., Nebel, S., Jason, C. & Olmos-Gallo, P.A. (May, 2008). *The youth evaluation project at the Mental Health Center of Denver*. Paper presented at 9th Annual MHCD Consumer/Family/Provider Partnership in Recovery Conference. Denver, CO

Olmos-Gallo, P.A., DeRoche, K., Swanson, R., Mahalik, J. (May, 2008). *The MHSIP: A tale of three centers*. Paper presented at the 2008 Annual Meeting of the Organization for Program Evaluation in Colorado. Lyons, CO.

DeRoche, K., Hester, M., Olmos-Gallo, P.A., McKinney, C.J. (October, 2007). *Evaluation of Mental Health Recovery: Using Data to Inform System Change*. Poster presented at the "Culture of Data" Conference. Denver, CO.

Holland, J., DeRoche, K., & Olmos-Gallo, P. A. (May, 2007). *Item Response Theory analysis of the Goebel Recovery Needs Level Assessment*. Presented at the 2007 Annual Meeting of the Organization for Program Evaluation in Colorado. Lyons, CO.

Gosselin, E., Helvig, K., Baumer, S., & Olmos-Gallo, P. A. (May, 2007). *Learning through focus groups: How Mental Health consumers and clinicians perceive Participation within treatment planning process, and*

its impact on service delivery. Presented at the 2007 Annual Meeting of the Organization for Program Evaluation in Colorado. Lyons, CO.

DeRoche, K., Olmos-Gallo, P. A., McKinney, C.J. (March, 2007). *Techniques for explaining Item Response Theory to stakeholders.* Presented at the Eastern Evaluation Research Society Conference. Absecon, NJ.

McKinney, C.J., DeRoche, K., Olmos-Gallo, P. A. (March, 2007). *Utilizing Multilevel Modeling for Evaluation.* Presented at the Eastern Evaluation Research Society Conference. Absecon, NJ.

Huff, S., Olmos-Gallo, P.A. (May, 2006). *MHCD Recovery Update: Measuring Recovery from Multiple Perspectives.* Presented at the 7th Annual MHCD Consumer/Family/Provider Partnership in Recovery Conference. Denver, CO.

DeRoche, K., Olmos-Gallo, P. A. (May, 2006). *MHCD's Recovery Markers and Measures: Development of Clinician-based and Consumer-based Measures of Recovery from Mental Illness.* Presented at the 2006 Annual Meeting of the Organization for Program Evaluation in Colorado. Lyons, CO.

Phinney, E., Scott, A., Shanahan, M., Olmos-Gallo, P.A., Boada, R., Pennington, B.F., Filipek, P. A. (June, 2003). *Neuroanatomical correlates of reading disability.* Annual Conference of the Society for the Scientific Study of Reading. Boulder, CO.

Engleby, C., Bremer, R., Olmos-Gallo, P.A. (May, 2003). *Evaluating Assertive Community Treatment in a Managed care setting -Methods, outcomes and implications for rural programs.* Presented at the Annual Spring Conference of the Organization for Program Evaluation in Colorado (OPEC). Lyons, CO.

Olmos-Gallo, P.A. & Prado, L.M. (April, 2002) *Culturally Competent Evaluation.* Presented at the Conference: Evaluating Mental Health Performance: Let the Data Speak. Denver, CO.

Olmos-Gallo, P. A. (July, 2001). *Statistics on Mental Health for Immigrants of Mexican Origin.* Presented at the Forum for the presentation of issues for Immigrants of Mexican Origin. Denver, CO.

Olmos-Gallo, P.A., *The use of graphical representations to disseminate evaluation data more effectively.* (August 2000). Presented at the Conference: Evaluating Mental Health System Performance: Why and how we do it and how it impacts you. Denver, CO.

Kwiatkowski, C. F., Potts, G. R., & Olmos-Gallo, P. A. (April, 1994). *Levels of Awareness and Repetition Priming.* Rocky Mountain Psychological Association Conference, Las Vegas, NV.

Invited presentations

Olmos-Gallo, P.A., Starks, R. (December, 2007). *Measuring recovery: The Denver experience.* Presented at the conference: Measures, Outcomes and Mental Health Recovery. London, England.

Olmos-Gallo, P.A., Starks, R. (December, 2007). *The Reaching Recovery Initiative.* Presented at the 5th ROC Learning Event, Barton Grange Hotel, Garstang, England

Olmos-Gallo, P.A. (July, 2002) *How to make evaluation work for you and your program.* Presented at the Conference: Closing the Gap: National Leadership Summit to Eliminate Racial and Ethnic Disparities in Health. Invited presentation. Washington, DC.

Discussant at Professional Meetings

Olmos-Gallo, P.A. (July, 2002) Discussant of the session: Assessment 102: Improving your assessment skills. Presented at the Conference: Closing the Gap: National Leadership Summit to Eliminate Racial and Ethnic Disparities in Health. Washington, DC.

Olmos-Gallo, P.A. (July, 2002) Discussant of the session: Evaluation 102: How do I improve my evaluation? Presented at the Conference: Closing the Gap: National Leadership Summit to Eliminate Racial and Ethnic Disparities in Health. Washington, DC.

Workshops

- Olmos, A., (May, 2014). Introduction to Social Network Analysis. Presented at the 2014 Annual Conference Organization for Program Evaluation in Colorado. Peaceful Valley Ranch, CO. (May 16, 2014)

- Olmos, A., Seidel, K. (January, 2014). Introduction to Social Network Analysis. Presented at the Morgridge College of Education. Denver, CO. (January 10, 24, 2014)
- Olmos, A., (June 2013). Propensity Scores. Butler Institute, School of Social Work, University Of Denver. (June 17, 2013 - June 18, 2013).
- Govindasamy, P., Olmos, A. (May, 2013). The Application of Propensity Scores in Mental Health and Substance Abuse. Organization for Program Evaluation in Colorado, Peaceful Valley Ranch, CO.
- Olmos-Gallo, P.A. (September, 2010). Using State of the art Outcomes tools and Quality-improvement ideas to become a Recovery Oriented center. Webinar presented at The Tuesday Talk Webinar sponsored by NASMHPD Research Institute, Inc. (NRI) (<http://nricommunity.pathable.com/>).
- Clark, C., Starks, R., Laganga, L., Olmos-Gallo, P.A. Road to Recovery. Recovery Training & Consultation: The Recovery Awareness Initiative of the Mental Health Center of Denver (MHCD). Training provided to the Central Washington Comprehensive Mental Health, Yakima, WA. September, 2007.
- Clark, C., Clark, C.R., Olmos-Gallo, P.A. Road to Recovery-Puerto Rico. Training provided to the FHC Health Systems (public health entity) in San Juan, PR. February 2007.
- Starks, R., Olmos-Gallo, P.A. The Implementation of a Recovery Agenda at the Mental Health Center of Denver: Lessons Learned. Workshop presented at the Florida Council for Community Mental Health Annual Conference. Orlando, FL, September 2006.
- Flynn, J., Mock, K., Mason, K., Olmos-Gallo, P.A. Starks, R. UM Goebel services Workshop presented at the CBHC. Keystone, CO, October, 2004.
- Starks, R., Mason, K., Olmos-Gallo, P.A., Huff, S. The Recovery Committee of the Mental Health Center of Denver. Workshop presented at the CBHC. Keystone, CO, October, 2004.
- Starks, R., Mason, K., Olmos-Gallo, P.A., Huff, S. The Recovery Committee of the Mental Health Center of Denver. Workshop presented at the Annual Conference of the International Association of Psychosocial Rehabilitation Services (IAPSRs). San Diego, CA, May 2004.
- Grant Development Overview training. Co-instructor. Mental Health Center of Denver, February 2004.
- Grimmer, M., Groginsky, E., Olmos-Gallo, P.A. The PEARL Project: Collaboratively delivering mental health services in early childhood environments. Educational session presented at the 30th annual training conference of the National Head Start Association. New York, NY, May 2003.
- Introduction to Evaluation, or: "Everything I always wanted to know about evaluation without having to wear a pocket protector." Corporate-wide Series of trainings. Mental Health Corporation of Denver, September 2000.
- Culturally Competent Research Frameworks. Co-instructor. Cultural Competency Series of trainings. Mental Health Corporation of Denver, March 2000.

Ad-hoc reviewer

- Journal of Evaluation and Program Planning (<http://www.journals.elsevier.com/evaluation-and-program-planning/#description>).
- Annual Conference of the American Evaluation Association (AEA): Quantitative Topic Interest Group, (2006, 2009, 2010, 2012, 2013, 2014, 2015); Alcohol Drug and Substance Abuse Interest group (2010).
- Revista Mexicana de Psicología, 2004.
- Advances in Neural Information Processing Systems Conference, 1995.

Grant reviewer

- Colorado HIV and AIDS Prevention Grant Program (CHAPP). 2006-2007
- University of Denver, Center for Community Engagement and Service Learning (2013-2014)

Teaching

University of Denver. Morgridge College of Education.

- RMS 4900: Educational Research and Measurement
- RMS 4911: Correlational Analysis
- RMS 4930: Empirical Research Methods
- RMS 4932: Meta-analysis
- RMS 4939: Propensity Score Analysis
- RMS 4951: Mixed methods
- RMS 4960: Program Evaluation Theory

University of Denver. Department of Psychology.

- Correlational Analysis, Analysis of Variance, Proseminar in Perception, Science and Psychology of Star Trek.

University of Denver. College of Education.

- Analysis of Variance, Introduction to SPSSx.

National University of Mexico. School of Psychology.

- Sensation and Perception.

Additional expertise

Cultural Competency, Parallel Computing, Neural Networks/Data Mining

Professional Affiliations

American Educational Research Association (AERA)
 American Evaluation Association (AEA)
 Colorado Evaluation Network (COEN)
 Organization for Program Evaluation in Colorado (OPEC)
 American Public Health Association (APHA) 2010.
 Association for Neural Networks 1991 to 1999
 Association for Research in Vision and Ophthalmology (ARVO) 1991 to 1999
 American Psychological Association (APA) 1991 to 1999
 Latin-American Society of Neuropsychology: Founder member and member of the Bulletin Board.
 1982 to 1987

Honors and Awards

- Outstanding Research Methods and Statistics (RMS) Faculty for 2011-2012. Morgridge College of Education.
- Recipient of the Katharine Reed Cummings Award 2007. Organization for Program Evaluation in Colorado.
- Inducted into the National Register of Who's Who in Executives and Professionals 2006-2007 Edition (Library of Congress Catalog ISSN: 1527-1838).
- Member of the Phi-Beta-Delta (Alpha-Rho chapter) Honor Society for International Scholars.
- B.S. thesis with honors: "The effect of presentation time on the performance of the cerebral hemispheres in a delayed match-to-sample task". June 24, 1982.

References provided upon request.