

December 2011

## VITA

### KEITH F. WIDAMAN

#### Personal Information:

Married to Katherine Gibbs; three children, Joshua, Samuel, and Rachel

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#### Education:

Ph.D. Developmental Psychology -- The Ohio State University, 1982  
Emphasis within major: Differential development  
Minor: Quantitative psychology

M. A. Developmental Psychology -- The Ohio State University, 1978

-- Postgraduate study in Psychology -- California State University at Los Angeles, 1972-73

-- Philosophy Doctoral Program -- University of California at Santa Barbara, 1969-70

B. A. Philosophy -- Whittier College, 1969

#### Positions Held:

Assistant Professor of Psychology, University of California, Riverside	7/80 to 6/86
Associate Professor of Psychology, University of California, Riverside	7/86 to 6/90
Professor of Psychology, University of California, Riverside	7/90 to 6/99
Professor of Psychology, University of California, Davis	7/99 to present
Chair, Department of Psychology, University of California, Davis	7/06 to 6/09
Distinguished Professor of Psychology, University of California, Davis	7/09 to present
Assistant Director, Neurodevelopmental Assessment Core, Mental Retardation Research Center, University of California, Irvine	8/95 to 6/99
Visiting Professor of Psychology, University of Southern California, Los Angeles, CA	7/90 to 12/90
Visiting Professor of Psychology, University of Trier, Trier, Germany	1/91 to 8/91

**Positions Held** (continued)

Visiting Research Scientist, Max Planck Institute for Human Development And Education, Center for Psychology (Paul B. Baltes, Director), Berlin, Germany	8/93 to 9/93
Visiting Professor of Psychology, University of California, Davis	8/98 to 6/99

**Professional Experience**

**Honors and Awards:**

Appointed Editor, *Multivariate Behavioral Research*, journal published by the Society of Multivariate Experimental Psychology, September 2011

Member, Board of Trustees, International Society for Intelligence Research, 2011-2013

Promoted to Distinguished Professor, University of California at Davis, June 2009

Appointed Associate Editor of *Psychological Methods*, an APA journal, January 2010

Elected Fellow of Division 7, Division on Developmental Psychology, American Psychological Association, 2007

Chair, Fellowship Committee, Division 5, Division on Evaluation, Measurement, and Statistics, American Psychological Association, 2005-2006

Member, Fellowship Committee Division 5, Division on Evaluation, Measurement, and Statistics, American Psychological Association, 2004-2007

Elected Fellow of the Association for Psychological Science, 2004

Member, Editorial Advisory Board, Society of Multivariate Experimental Psychology, 2002-2005

Member, Committee on Mental Retardation Determination, National Research Council, 2000-2002

Received the 2002 Jeffrey S. Tanaka Award from the Society of Multivariate Experimental Psychology, for best article published in *Multivariate Behavioral Research* during the previous year (2001) (see Research Publication 106), based on vote by Society members

Received the 2002 Best Article Award from the Society for the Study of School Psychology, for best article published during 2001 in the *Journal of School Psychology* (see Research Publication 105)

Chair, Graduate Student Travel Award Committee, Society of Multivariate Experimental Psychology, 1999 to present

Elected Fellow of Division 5, Division on Evaluation, Measurement, and Statistics, American Psychological Association, 1997

Co-recipient of the Professor of the Year Award, Department of Psychology, University of California, Riverside, for the 1996-97 academic year, for outstanding performance in the role of mentor and academic/research advisor, by vote of departmental graduate students

Elected Fellow of Division 33, Division on Mental Retardation and Developmental Disabilities, American Psychological Association, 1996

Elected President, Society of Multivariate Experimental Psychology, 1996-97

Co-recipient of the inaugural Professor of the Year Award, Department of Psychology, University of California, Riverside, for the 1995-96 academic year, for outstanding performance in the role of mentor and academic/research advisor, by vote of departmental graduate students

In 1994, received the inaugural Jeffrey S. Tanaka Award from the Society of Multivariate Experimental Psychology, for best article published in *Multivariate Behavioral Research* during the previous year (1993) (see Research Publication 68), based on vote by Society members

Received the 1992 Raymond B. Cattell Award from the Society of Multivariate Experimental Psychology, for early career achievements in multivariate experimental psychology

Member, Board of Trustees, Society of Multivariate Experimental Psychology (1991-1998)

Secretary-Treasurer, Society of Multivariate Experimental Psychology (1991-1996)

Member, Executive Committee, Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities (1990-2003)

Member, Society of Multivariate Experimental Psychology (1987-present)

Editorial Board Memberships:

*American Journal of Mental Deficiency* (1984-86)

*Journal of Applied Psychology* (1988-1994)

*Journal of Abnormal Psychology* (1988-present)

*Intelligence* (1991-present)

*Merrill-Palmer Quarterly* (1991-2002)

*American Journal on Mental Retardation* (as Statistical Editor, 1992-1999)

*Multivariate Behavioral Research* (1995-present)

*Structural Equation Modeling* (1996-present)

*Applied Psychological Measurement* (1997-present)

*Psychological Methods* (1997-present)

*Mental Retardation* (2001-present)

*Understanding Statistics* (2001-present)

Graduate Student Alumni Research Award, The Ohio State University, 1979  
Recognized Scholar Award, Whittier College, 1969

**Governmental Research Grant Awards Received:**

Co-Principal Investigator on Grant 1 R01 HD14688 from the National Institute for Child Health and Human Development (Richard K. Eyman, PI), *Life-span development of individuals with mental retardation*, 5/84 – 4/87, \$ 706,080 (direct \$ 588,400)

Key Investigator on Grant G008530208 from the U.S. Office of Education (Donald L. MacMillan, PI), *Minimum competency tests in high school*, 10/85 – 9/90, \$ 736,800 (direct costs \$ 614,000).

Co-Principal Investigator on renewal of Grant 1 R01 HD22953 from the National Institute for Child Health and Human Development (Richard K. Eyman, PI), *Life-span development of individuals with mental retardation*, 8/87 – 7/91, \$ 775,964 (direct costs \$ 650,535)

Co-Principal Investigator on Grant 1 R01 HD21056 from the National Institute for Child Health and Human Development (Richard K. Eyman, PI), *Mortality rates and life expectancy of retarded persons*, 1/88 – 12/91, \$ 647,037 (direct costs \$ 536,210)

Key Investigator on Grant H023C80072 from the U.S. Office of Education (Donald L. MacMillan, PI), *Studying school dropout in a cohort of ninth graders*, 10/88 – 9/93, \$ 1,379,000 (direct costs \$ 985,000).

Principal Investigator, Shannon Award from the National Institute for Child Health and Human Development, providing two years of carry-over funding to support work on pending application 2 R01 HD22953-05, 9/91 – 9/93, \$ 100,000 (direct costs \$ 80,000).

Principal Investigator, on renewal Grant 2 R01 HD22953 from the National Institute for Child Health and Human Development, *Life-span development of individuals with mental retardation*, 9/92 – 8/97, \$ 931,251 (direct costs \$ 641,854)

Co-Principal Investigator on Grant 1 P30 HD28202 from the National Institute for Child Health and Human Development (M. Anne Spence, PI), *UCI MRRC Center for Acquired Disorders of Plasticity*, a core grant providing support for the administration of the Mental Retardation Research Center at the University of California, Irvine, 8/95 – 7/00, \$ 2,511,510 (direct costs \$ 1,732,075)

Co-Principal Investigator on Grant MH54154 from the National Institute of Mental Health (Ross Parke, PI), *Economical stress and children outcomes in Mexican-American and Euro-American families*, 4/97 – 3/02, \$ 3,368,620 (direct costs \$ 2,315,179)

Principal Investigator on grant from the California State Department of Developmental Services, *Purchase of Services Study II: Studying service differentials and satisfaction with services*, 10/01 – 12/03, \$ 275,000 (direct costs \$ 250,000)

- Investigator on Grant PO1 NS40813 from the National Institute of Mental Health (Robert Knight, PI), *Behavioral neuroscience and stroke* (Program Project), 7/02 – 6/07, \$ 6,135,066 (direct costs \$ 4,873,971)
- Co-Principal Investigator on Grant 0309689 from the National Science Foundation (Debra Long, PI), *Reading and comprehending science texts: The combined influence of reader and text characteristics*, 7/03 – 6/04, \$ 213,111 (direct costs \$ 142,000)
- Co-Principal Investigator on Grant 0350659 from the National Science Foundation (Robert MacCallum, PI), *Factor analysis centennial conference*, 1/04 – 6/04, \$ 22,500 (direct costs \$ 15,000).
- Co-Principal Investigator on Grant R24 RR019970 from National Institutes of Health (John Capitanio, PI), *Biobehavioral characterization of infant rhesus monkeys*, 8/04 – 6/09, \$ 1,402,775 (direct costs \$ 1,175,000)
- Co-Principal Investigator on Grant DA 017902 from National Institute on Drug Abuse (Rand Conger, PI), *Mexican family culture & substance use risk & resilience*, 7/05 – 6/10, \$ 6,250,000 (direct costs \$ 4,505,000)
- Co-Principal Investigator on Grant BCS 05-27766 from National Science Foundation (Emilio Ferrer, PI), *Modeling dynamics of dyadic interactions*, 1/06 – 12/08, \$ 722,300 (direct costs \$ 484,300)
- Co-Principal Investigator on Grant MH051361 from National Institute of Mental Health (Rand Conger, PI), *Critical transitions in rural families at risk*, 6/06 – 5/10, \$ 3,000,000 (direct costs \$ 2,499,995)
- Co-Principal Investigator on Grant HD048914 from National Institute of Child Health and Human Development (Debra Long, PI), *Reading skill: Modeling individual and text interactions*, 7/06 – 6/11, \$ 2,460,000 (direct costs \$ 1,640,000)
- Co-Principal Investigator on Grant P50 MH073511 from National Institute of Mental Health (Nolan Zane, PI), *Asian American Center on Disparities Research*, 7/07 – 6/12, \$ 4,875,000 (direct costs \$ 3,250,000)
- Co-Principal Investigator on Grant AG021028 from National Institute on Aging (Sarah Tomaszewski Farias, PI), *Understanding the pathway to functional disability in Alzheimer's disease*, 4/09 – 3/14, \$ 1,000,000 (direct costs \$ 700,000)
- Co-Principal Investigator on Grant AG021029 from National Institute of Aging (Bruce Reed, PI), *Brain pathologies, reserve and cognition in aging and dementia*, 4/09 – 3/14, \$ 1,879,000
- Co-Principal Investigator on Grant HD064687 from National Institute of Child Health and Human Development (Rand Conger, PI), *A genetic study of personal traits that promote or inhibit individual well-being*, 7/10 – 5/15, \$ 5,900,000

Joint Principal Investigator on Grant DA017902-2 from National Institute of Drug Abuse and National Institute of Alcohol Abuse and Alcoholism (Rand Conger, Rick Robins, & Keith Widaman, Joint PIs), Mexican family culture & substance use risk & resilience, 7/10 – 6/15, \$6,200,000

### **Governmental Research Grant Awards Pending:**

### **Research Publications**

#### **Refereed Journal Articles**

1. Hotchkiss, L., Curry, E., Haller, A. O., & Widaman, K. F. (1979). The occupational aspiration scale: An evaluation and new form for females. *Rural Sociology*, *44*, 95-118.
2. Nygren, T. E., & Widaman, K. F. (1979). Using nonorthogonal analysis of variance designs in psychological research: A comment on Donahue and Costar. *Journal of Counseling Psychology*, *26*, 273-275.
3. Sampsel, B. D., Widaman, K. F., & Winer, G. A. (1981). The relation in children of psychological differentiation to reasoning by class inclusion. *Perceptual and Motor Skills*, *53*, 439-446.
4. Gibbs, J. C., Widaman, K. F., & Colby, A. (1982). Sociomoral reflection: Construction and validation of a group-administrable measure. *Child Development*, *53*, 895-910.
5. Halpern, D. F., Salzman, B., Harrison, W., & Widaman, K. (1983). The multiple determination of illusory contours: 2. An empirical investigation. *Perception*, *12*, 293-303.
6. Carlson, J. S., Jensen, C. M., & Widaman, K. F. (1983). Reaction time, intelligence, and attention. *Intelligence*, *7*, 329-344.
7. Hock, E., Kroll, B. C., Frantz, J., Janson, K. A., & Widaman, K. (1984). Infants in playgroups: Time related changes in behavior toward mothers, peers, and toys. *Journal of Genetic Psychology*, *144*, 51-67.
8. Widaman, K. F. (1985). Hierarchically nested covariance structure models for multitrait-multimethod data. *Applied Psychological Measurement*, *9*, 1-26.
9. Stacy, A. W., Widaman, K. F., Hays, R., & DiMatteo, M. R. (1985). Validity of self-reports of alcohol and other drug use: A multitrait-multimethod assessment. *Journal of Personality and Social Psychology*, *49*, 219-232.
10. Widaman, K. F., & Herringer, L. G. (1985). Iterative least squares estimates of communality: Initial estimate need not affect stabilized value. *Psychometrika*, *50*, 469-477.

11. Riggio, R. E., Widaman, K. F., & Friedman, H. S. (1985). Actual and perceived emotional sending and personality correlates. *Journal of Nonverbal Behavior*, 9, 69-83.
12. Frank, O., Komanska, H., & Widaman, K. F. (1985). Cluster analysis of dyad distributions in networks. *Journal of Classification*, 2, 219-238.
13. Widaman, K. F., Geary, D. C., Cormier, P., & Little, T. D. (1985). Cognitive processing strategies for complex addition. *Proceedings of the Cognitive Science Society*, 7, 385-389.
14. Gardner, P. D., Cortner, H. J., Widaman, K. F., & Stenberg, K. J. (1985). Forest-user attitudes toward alternative fire management policies. *Environmental Management*, 9, 303-312.
15. Geary, D. C., Widaman, K. F., & Little, T. D. (1986). Cognitive addition and multiplication: Evidence for a single memory network. *Memory & Cognition*, 14, 478-487.
16. Widaman, K. F., & Hays, R. D. (1986). ALPHA: A SAS program for scale internal consistency analyses. *Applied Psychological Measurement*, 10, 106.
17. Hays, R. D., Stacy, A. W., Widaman, K. F., DiMatteo, M. R., & Downey, R. (1986). Multistage path models of adolescent alcohol and drug use: A reanalysis. *Journal of Drug Issues*, 16, 357-369.
18. Zahn, G. L., Kagan, S., & Widaman, K. F. (1986). Cooperative learning and classroom climate. *Journal of School Psychology*, 24, 351-362.
19. Widaman, K. F., Gibbs, K. W., & Geary, D. C. (1987). The structure of adaptive behavior: I. Replication across fourteen samples of nonprofoundly retarded persons. *American Journal of Mental Deficiency*, 91, 348-360.
20. Hays, R., Widaman, K. F., DiMatteo, M. R., & Stacy, A. W. (1987). Structural-equation models of current drug use: Are appropriate models so simple(x)? *Journal of Personality and Social Psychology*, 52, 134-144.
21. Geary, D. C., & Widaman, K. F. (1987). Individual differences in cognitive arithmetic. *Journal of Experimental Psychology: General*, 116, 154-171.
22. Eyman, R. K., & Widaman, K. F. (1987). Life-span development of institutionalized and community-based mentally retarded persons, revisited. *American Journal of Mental Deficiency*, 91, 559-569.
23. Geary, D. C., Widaman, K. F., Little, T. D., & Cormier, P. (1987). Cognitive addition: Comparison of learning disabled and academically normal elementary school children. *Cognitive Development*, 2, 249-269.
24. Gardner, P. D., Cortner, H. J., & Widaman, K. F. (1987). The risk perceptions and policy response toward wildland fire hazards by urban home-owners. *Landscape and Urban*

*Planning*, 14, 163-172.

25. Widaman, K. F., & Kagan, S. (1987). Cooperativeness and achievement: The interaction of student cooperativeness and classroom organization in cooperative and traditional classes. *Journal of School Psychology*, 25, 355-365.
26. Riggio, R. E., Tucker, J., & Widaman, K. F. (1987). Verbal and nonverbal cues as mediators of deception ability. *Journal of Nonverbal Behavior*, 11, 126-145.
27. Carlson, J. S., & Widaman, K. F. (1988). The effects of study abroad during college on attitudes toward other cultures. *International Journal of Intercultural Relations*, 12, 1-17.
28. MacMillan, D. L., Balow, I. H., & Widaman, K. F. (1988). Local option competency testing: Conceptual issues with mildly handicapped and educationally at-risk students. *Learning Disabilities Research*, 3, 94-100.
29. Marston, A. R., Jacobs, D. F., Singer, R. D., Widaman, K. F., & Little, T. (1988). Characteristics of adolescents at risk for compulsive overeating on a brief screening test. *Adolescence*, 23, 59-65.
30. Marston, A. R., Jacobs, D. F., Singer, R. D., Widaman, K. F., & Little, T. (1988). Adolescents apparently invulnerable to drug, alcohol, and nicotine use. *Adolescence*, 23, 593-598.
31. Widaman, K. F., & Carlson, J. S. (1989). Procedural effects on performance on the Hick paradigm: Bias in reaction time and movement time parameters. *Intelligence*, 13, 63-85.
32. Widaman, K. F. (1989). When failure to replicate is not failure to replicate: A comment on Kranzler, Whang, and Jensen (1988). *Intelligence*, 13, 87-91.
33. Widaman, K. F., Geary, D. C., Cormier, P., & Little, T. D. (1989). A componential model for mental addition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 15, 898-919.
34. Widaman, K. F. (1989). To cluster or not to cluster: Characterizing differences among mentally retarded persons. *American Journal on Mental Retardation*, 94, 10-11.
35. MacMillan, D. L., Balow, I. H., Widaman, K. F., Borthwick-Duffy, S., & Hendrick, I. G. (1990). Methodological problems in estimating dropout rates and the implications for studying dropouts from special education. *Exceptionality*, 1, 29-39.
36. Widaman, K. F. (1990). Bias in pattern loadings represented by common factor analysis and component analysis. *Multivariate Behavioral Research*, 25, 89-95.
37. Stacy, A. W., Widaman, K. F., & Marlatt, G. A. (1990). Expectancy models of alcohol use. *Journal of Personality and Social Psychology*, 58, 918-928.

38. Little, T. D., & Widaman, K. F. (1990). On the modeling of scaled measurement sequences: Implications for analyses of cognitive development. *Intelligence, 14*, 457-479.
39. Widaman, K. F. (1991). Properly characterizing clusters of families with mentally retarded children: A comment on Mink, Blacher, and Nihira (1988). *American Journal on Mental Retardation, 96*, 217-220.
40. Saetermoe, C. L., Widaman, K. F., & Borthwick-Duffy, S. (1991). Validation of the Parenting Style Survey for parents of mentally retarded children. *Mental Retardation, 29*, 149-157.
41. Riggio, R. E., Widaman, K. F., Tucker, J. S., & Salinas, C. (1991). Beauty is more than skin deep: Components of attractiveness. *Basic and Applied Social Psychology, 12*, 423-439.
42. Geary, D. C., & Widaman, K. F. (1992). Numerical cognition: On the convergence of componential and psychometric models. *Intelligence, 16*, 47-80.
43. Widaman, K. F., MacMillan, D. L., Hemsley, R., Little, T. D., & Balow, I. (1992). Differences in adolescent self concept as a function of academic level, ethnicity, and gender. *American Journal on Mental Retardation, 96*, 387-404.
44. MacMillan, D. L., Widaman, K. F., Hemsley, R., Little, T. D., & Balow, I. (1992). Differences in adolescent school attitudes as a function of academic level, ethnicity, and gender. *Learning Disabilities Quarterly, 15*, 39-50.
45. Widaman, K. F., Little, T. D., Geary, D. C., & Cormier, P. (1992). Individual differences in the development of skill in mental addition: Internal and external validation of chronometric models. *Learning and Individual Differences, 4*, 167-213.
46. MacMillan, D. L., Widaman, K. F., Balow, I. H., Borthwick-Duffy, S., Hendrick, I. G., & Hemsley, R. E. (1992). Special education students exiting the educational system: On being counted as dropouts by federal agencies. *Journal of Special Education, 26*, 20-36.
47. Widaman, K. F. (1992). Multitrait-multimethod models in aging research. *Experimental Aging Research, 18*, 185-201.
48. Widaman, K. F., Carlson, J. S., Saetermoe, C. L., & Galbraith, G. C. (1993). The relationship of auditory evoked potentials to fluid and crystallized intelligence. *Personality and Individual Differences, 15*, 205-217.
49. Widaman, K. F., Stacy, A. W., & Borthwick-Duffy, S. A. (1993). Construct validity of dimensions of adaptive behavior: A multitrait-multimethod evaluation. *American Journal on Mental Retardation, 92*, 219-234.
50. Widaman, K. F. (1993). Common factor analysis versus principal component analysis: Differential bias in representing model parameters? *Multivariate Behavioral Research, 28*, 263-311.

51. Reise, S. P., Widaman, K. F., & Pugh, R. H. (1993). Confirmatory factor analysis and item response theory: Two approaches for exploring measurement invariance. *Psychological Bulletin*, *114*, 552-566.
52. Kishton, J. M., & Widaman, K. F. (1994). Unidimensional versus domain representative parceling of questionnaire items: An empirical example. *Educational and Psychological Measurement*, *54*, 757-765.
53. Widaman, K. F. (1995). On methods for comparing apples and oranges. *Multivariate Behavioral Research*, *30*, 101-106.
54. Hock, E., Schirtzinger, M. B., Lutz, W., & Widaman, K. (1995). Maternal depressive symptomatology over the transition to parenthood: Assessing the influence of marital satisfaction and marital sex-role traditionalism. *Journal of Family Psychology*, *9*, 79-88.
55. Flannery, W. P., Reise, S. P., & Widaman, K. F. (1995). An item response theory analysis of the general and academic scales of the Self-Description Questionnaire II. *Journal of Research in Personality*, *29*, 168-188.
56. Floyd, F. J., & Widaman, K. F. (1995). Factor analysis in the development and refinement of clinical assessment instruments. *Psychological Assessment*, *7*, 286-299.
57. Little, T. D., & Widaman, K. F. (1995). A production task evaluation of individual differences in mental addition skill development: Internal and external validation of chronometric models. *Journal of Experimental Child Psychology*, *60*, 361-392.
58. Raykov, T., & Widaman, K. F. (1995). Issues in applied structural equation modeling research. *Structural Equation Modeling*, *2*, 289-318.
59. Diaz-Veizades, J., Widaman, K. F., Little, T. D., & Gibbs, K. W. (1995). The measurement and structure of human rights attitudes. *Journal of Social Psychology*, *135*, 313-328.
60. Siperstein, G. N., Leffert, J. S., & Widaman, K. F. (1996). Social behavior and the social acceptance and rejection of children with mental retardation. *Education and Training in Mental Retardation and Developmental Disabilities*, *31*, 271-281.
61. Morrison, G. M., Laughlin, J., San Miguel, S., Smith, D. C., & Widaman, K. F. (1997). Sources of support for school-related issues: Choices of Hispanic adolescents varying in migrant status. *Journal of Youth and Adolescence*, *26*, 233-252.
62. Wenz-Gross, M., Siperstein, G. N., Untch, A. S., & Widaman, K. F. (1997). Stress, social support, and adjustment of adolescents in middle school. *Journal of Early Adolescence*, *17*, 129-151.
63. Borthwick-Duffy, S. A., Lane, K. L., & Widaman, K. F. (1997). Measuring problem behaviors in children with mental retardation: Dimensions and predictors. *Research in Developmental Disabilities*, *18*, 415-433.

64. Palmer, D. S., Borthwick-Duffy, S. A., & Widaman, K. F. (1998). Parent perceptions of inclusive practices for their children with significant cognitive impairments. *Exceptional Children, 64*, 271-282.
65. Widaman, K. F. (1998). Ruminations on aging changes in mental abilities and their heritability: A commentary on Finkel, Pedersen, Plomin, and McClearn (1998). *Developmental Psychology, 34*, 1414-1416.
66. Borthwick-Duffy, S. A., Widaman, K. F., & Grossman, H. (1998). Mortality research, placement, and risk of death: Basic research, the media, and public policy. *Mental Retardation, 36*, 416-422.
67. Palmer, D. S., Borthwick-Duffy, S. A., Widaman, K., & Best, S. J. (1998). Influences on parent perceptions of inclusive practices for their children with mental retardation. *American Journal on Mental Retardation, 103*, 272-287.
68. Reise, S. P., & Widaman, K. F. (1999). Assessing the fit of measurement models at the individual level: A comparison of item response theory and covariance structure approaches. *Psychological Methods, 4*, 3-21.
69. MacCallum, R. C., Widaman, K. F., Zhang, S., & Hong, S. (1999). Sample size in factor analysis. *Psychological Methods, 4*, 84-99.
70. Widaman, K. F. (1999). Process of analyses of data: Benefits and costs associated with collaborative studies. *Mental Retardation and Developmental Disabilities Research Reviews, 5*, 155-161.
71. Hock, E., Eberly, M., Bartle-Haring, S., Ellwanger, P., & Widaman, K. F. (2001). Separation anxiety in parents of adolescents: Theoretical significance and scale development. *Child Development, 72*, 284-298.  
  
Reprinted in M. E. Hertzog & E. A. Farber (Eds.). (2005). *Annual progress in child psychiatry and child development* (pp. xx-xx). New York: Routledge.
72. Welsh, M., Parke, R. D., Widaman, K. F., & O'Neil, R. (2001). Linkages between children's social and academic competence: A longitudinal analysis. *Journal of School Psychology, 39*, 463-481.
73. MacCallum, R. C., Widaman, K. F., Preacher, K. J., & Hong, S. (2001). Sample size in factor analysis: The role of model error. *Multivariate Behavioral Research, 36*, 611-637.
74. Little, T. D., Cunningham, W. A., Shahar, G., & Widaman, K. F. (2002). To parcel or not to parcel: Exploring the question, weighing the merits. *Structural Equation Modeling, 9*, 151-173.
75. Herek, G. M., Capitanio, J. P., & Widaman, K. F. (2002). HIV-related stigma and knowledge

- in the United States: Prevalence and trends, 1991-1999. *American Journal of Public Health*, 92, 371-377.
76. Marchand, J. F., Hock, E., & Widaman, K. (2002). Mutual relations between mothers' depressive symptoms and hostile-controlling behavior and young children's externalizing and internalizing behavior problems. *Parenting: Science and Practice*, 2, 335-354.
  77. Yonelinas, A. P., Kroll, N. E. A., Quamme, J. R., Lazzara, M. M., Sauvé, M.-J., Widaman, K. F., & Knight, R. T. (2002). Effects of extensive temporal lobe damage or mild hypoxia on recollection and familiarity. *Nature Neuroscience*, 5, 1236-1241.
  78. Widaman, K. F., & Thompson, J. S. (2003). On specifying the null model for incremental fit indices in structural equation modeling. *Psychological Methods*, 8, 16-37.
  79. Myerson, J., Hale, S., Zeng, Y., Jenkins, L., & Widaman, K. F. (2003). The difference engine: A model of diversity in speeded cognition. *Psychonomic Bulletin and Review*, 10, 262-288.
  80. Herek, G. M., Capitano, J. P., & Widaman, K. F. (2003). Stigma, social risk, and health policy: Public attitudes toward HIV surveillance policies and the social construction of illness. *Health Psychology*, 22, 533-540.
  81. Widaman, K. F., & Azen, C. (2003). The relation of prenatal phenylalanine exposure to infant and childhood cognitive outcomes: Results from the International Maternal PKU Collaborative Study. *Pediatrics*, 112, 1537-1543.
  82. Koch, R., Hanley, W., Levy, H., Matalon, K., Matalon, R., Rouse, B., Trefz, F., Güttler, F., Azen, C., Platt, L., Waisbren, S., Widaman, K., Ning, J., Friedman, E. G., & de la Cruz, F. (2003). The Maternal Phenylketonuria International Study: 1984—2002. *Pediatrics*, 112, 1523-1529.
  83. Quamme, J. R., Yonelinas, A. P., Widaman, K. F., Kroll, N. E. A., & Suavé, M. J. (2004). Recall and recognition in mild hypoxia: Using covariance structural modeling to test competing theories of explicit memory. *Neuropsychologia*, 42, 672-691.
  84. Yonelinas, A. P., Quamme, J. R., Widaman, K. F., Kroll, N. E. A., Sauvé, M. J., & Knight, R. T. (2004). Mild hypoxia disrupts recollection, not familiarity. *Cognitive, Affective, and Behavioral Neuroscience*, 4, 393-400.
  85. Parke, R. D., Coltrane, S., Duffy, S., Buriel, R., Dennis, J., Powers, J., French, S., & Widaman, K. F. (2004). Economic stress, parenting, and child adjustment in Mexican American and European American families. *Child Development*, 75, 1632-1656.
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#### **Refereed Journal Articles – In Press**

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1. Conger, R. D., Stockdale, G. D., Song, H., Robins, R. W., & Widaman, K. F. (2011). Predicting change in substance use and substance use cognitions of Mexican origin youth during the transition from childhood to early adolescence. In Y. F. Thomas, L. N. Price, & A. V. Lybrand (Eds.), *Drug use trajectories among African American and Hispanic Youth*. New York: Springer.
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6. Widaman, K. F. (2011). Objective measurement of subjective phenomena. In J. B. McKinlay & L. D. Marceau (Eds.), *e-Source: Behavioral and social science research interactive textbook*. Washington, DC: National Institutes of Health, Office of Behavioral and Social Sciences Research. [www.esourceresearch.org](http://www.esourceresearch.org)

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*sociomoral reflection*. Englewood Cliffs, NJ: Prentice-Hall.

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1. Funder, D. C., Parke, R. D., Tomlinson-Keasey, C., & Widaman, K. F. (Eds.) (1993). *Studying lives through time: Approaches to personality and development*. Washington, DC: American Psychological Association.
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### Reviews

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### **Reviews – In Press**

1. Widaman, K. F. (2011). A cognitive psychologist's take on intelligence, more or less [Review of E. Hunt (2011), *Human intelligence*]. *Intelligence*.

### **Publications Under Review**

## Refereed Journal Articles

1. Widaman, K. F., Azen, C., Levy, H. L., Matalon, R., Rouse, B., Trefz, F., Hanley, W., de la Cruz, F., & Koch, R. (2011). Prenatal exposure to phenylalanine and offspring cognitive outcomes: Estimating the threshold for teratogenic effects.
2. Widaman, K. F., & Azen, C. (2011). Modeling maternal and prenatal influences on infant cognitive outcomes in offspring of mothers with phenylketonuria.
3. Widaman, K. F., & Meredith, W. (2011). Factorial invariance and the sources of within-group and between-group differences: The issues reconsidered. *Intelligence*.
4. Larsen-Rife, D., Widaman, K. F., Feldman, B., Donnellan, M. B., Hatton, H., Conger, K. J., & Conger, R. D. (2011). The development of behaviors in close relationships over 10 years: Family, friends, and romantic partners.
5. Widaman, K. F., Stockdale, G. D., & Duffy, S. A. (2011). Development of adaptive behaviors from birth through early adulthood: Modeling age trends using alternative growth models.
6. Shebloski, B., Widaman, K. F., & Conger, K. J. (2011). Educational attainment in early adulthood: The effect of financial conflict and parental rejection.
7. Widaman, K. F. (2011). Toward resolving Meehl's paradox: Testing theoretical conjectures strongly.
8. Widaman, K. F., Stockdale, G. D., & Santiago, K. (2011). Testing correlations in developmental research: Review, procedures, and recommendations.
9. Shiraishi, R. W., Aldwin, C. M., & Widaman, K. F. (2011). Change and stability in the factor structure of coping in young adulthood and midlife: Longitudinal findings from the Davis Longitudinal Study.
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12. Widaman, K. F., Early, D. R., Grimm, K. J., Robins, R. W., & Conger, R. D. (2011). Investigating factorial invariance of latent variables across populations when manifest variables are missing completely.
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14. Schofield, T., Beaumont, K., Conger, R. D., Jochem, R., Conger, K. J., Vega, W., Stockdale, G. D., Widaman, K. F., & Ontai, L. (2011). Parent-child mismatch in language preference weakens the association between positive parenting practices and early adolescent adjustment in a Mexican origin sample.
15. Castro-Schilo, L., Ferrer, E., Widaman, K. F., Taylor, Z., Robins, R. W., & Conger, R. D. (2011). Parental personality as a protective factor in the parenting-child competence relation in Mexican-origin families.
16. Belsky, J., Pluess, M., & Widaman, K. F. (2011). Confirmatory testing of gene-environment interaction.
17. Widaman, K. F., Helm, J. L., Castro-Schilo, L., Pluess, M., Stallings, M. C., & Belsky, J. (2011). Re-parameterizing regression models to test theoretically important conjectures: The sample case of gene X environment interactions.
18. Taylor, Z. E., Widaman, K. F., Jochem, R., Early, D. R., & Conger, R. D. (2011). Dispositional optimism: A psychological resource for Mexican-origin families experiencing economic stress. *Journal of Family Psychology*.
19. Reise, S. P., Scheines, R., Widaman, K. F., & Haviland, M. G. (2011). The effects of multidimensionality on predictive validity coefficients in structural equation modeling.

### **Publications In Preparation**

#### **Refereed Journal Articles**

1. Widaman, K. F., Larsen-Rife, D., & Conger, R. D. (in prep).
2. Widaman, K. F. (in prep). On common factor and principal component loadings and their standard errors.
3. Widaman, K. F. (in prep). Common factor analysis versus principal component analysis: Loadings and residual structures.
4. Widaman, K. F. (in prep). Estimating developmental functions with alternative growth models: Constraining parameter estimates to test theoretical conjectures.

#### **Presentations at Professional Meetings**

(only papers presented since 2006 are listed; citations for Papers 1-162 are available on request)

163. Leffert, J. S., Siperstein, G. N., Freeman, B., Effron, D. A., Sideridis, G., & Widaman, K.

- (2006, March). *The interpretation of intentions by children with intellectual disabilities*. Paper presented at the annual meeting of the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.
164. Widaman, K. F. (2006, April). *Measurement, models, and (forward) movement*. Paper presented at the meeting of the American Educational Research Association, San Francisco.
165. Widaman, K. F. (2006, May). *Measurement of parent behavior and family processes from multiple informants: Enhancing predictive validity*. Paper presented at the Notre Dame Series on Quantitative Methodology: Methods for Child & Adolescent Development and Family Processes, South Bend, IN.
166. Widaman, K. F. (2006, August). *Modeling dynamic intraindividual change: Similarities and differences among approaches*. Discussant presentation at the meeting of the American Psychological Association, New Orleans.
167. Widaman, K. F. (2006, August). *Statistical consulting: The good, the bad, and the ugly*. Workshop presentation at workshop Statistical Consulting, at the meeting of the American Psychological Association, New Orleans.
168. Widaman, K. F. (2006, October). *Contributions of John L. Horn to psychometrics and factor analysis*. Paper presented at the meeting of the Society of Multivariate Experimental Psychology, Lawrence, Kansas.
169. Widaman, K. F. (2006, October). *Prenatal exposure to phenylalanine affects offspring intellectual outcomes: Results from the International Maternal PKU Study*. Presentation at the M.I.N.D. Institute, UC Davis Medical Center, Sacramento.
170. Widaman, K. F. (2006, October). *Modeling personality ratings from different respondents across contexts and time*. Paper presented at the meeting of the Society of Multivariate Experimental Psychology, Lawrence, Kansas.
171. Widaman, K. F. (2006, December). *Timing of prenatal exposure to phenylalanine moderates effects on childhood intellectual outcomes*. Paper presented at the meeting of the International Society for Intelligence Research, San Francisco.
172. Widaman, K. F., Balluerka, N., & Ferrer, E. (2007, February). *Implications of factorial invariance for modeling change*. Paper presented at the X Congreso de Metodología de las Ciencias Sociales y de la Salud, Barcelona, Spain.
173. Leffert, J., Siperstein, G., & Widaman, K. F. (2007, March). *The interpretation of intentions by children with intellectual disabilities*. Paper presented at the biennial meeting of the Society for Research in Child Development, Boston.
174. Widaman, K. F. (2007, March). Modeling congruence among parent, child and observer ratings across context and time. In A. C. Schermerhorn (Chair), *Advances in methodological and statistical approaches for family research*. Symposium conducted at the biennial meeting

of the Society for Research in Child Development, Boston.

175. Widaman, K. F. (2007, October). *Items, parcels, and the dimensionality of personality space: Explorations with the Big Five Inventory*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Chapel Hill, NC.
176. Boeninger, D. K., Conger, R. D., Dogan, S. J., Martin, M. J., & Widaman, K. F. (2008, May). *Suicidal thoughts and behavior in adolescence and emerging adulthood: The roles of community, friend, family, and personal resources*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
177. Milne-Kahn, J. Conger, R. D., Boeninger, D. K., Dogan, S. J., Martin, M. J., & Widaman, K. F. (2008, May). *Family, community, peer, and personal resources predict disorder during adolescence and emerging adulthood*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
178. Stockdale, G. D., Conger, R. D., Milne-Kahn, J. S., Boeninger, D. K., Dogan, S. J., Martin, M. J., & Widaman, K. F. (2008, May). *Antecedents, dynamics, and prevalence of DSM-classified psychiatric disorders throughout emerging adulthood in a community sample*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
179. Dogan, S., Martin, M., Boeninger, D., Conger, R., Widaman, K., & Feldman, B. (2008, May). *Contextual and individual influences on depressive symptomology, delinquency, and work competence from adolescence through emerging adulthood*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
180. Boeninger, D. K., Dogan, S. J., Martin, M. J., Conger, R. D., Widaman, K. F., Cho, Y. I., & Feldman, B. J. (2008, May). *Contextual and individual influences on trajectories of self esteem and mastery from adolescence through emerging adulthood*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
181. Conger, R., Boeninger, D., Dogan, S., Martin, M., & Widaman, K. F. (2008, May). *Adolescence to adulthood: From a period of risk to a period of recovery*. Paper presented at the annual meeting of the Society for Prevention Research, San Francisco, CA.
182. Widaman, K. F., & Duffy, S. A. (2008, August). Modeling growth of adaptive behaviors during the developmental period. In M. J. Tassé (Ed.), *Adaptive behavior: Understanding the construct and its measurement*. Symposium presented at the annual meeting of the American Psychological Association, Boston.
183. Widaman, K. F., Thompson, J. S., Reschly, D., & Siperstein, G. N. (2008, August). Combining intelligence and adaptive behavior scores in diagnosing mental retardation: A simulation study. In M. J. Tassé (Ed.), *Adaptive behavior: Understanding the construct and its measurement*. Symposium presented at the annual meeting of the American Psychological Association, Boston.

184. Tassé, M. J., Schalock, R. L., Balboni, G., Bersani, H., Jr., Duffy, S. A., Scherba de Valenzuela, J., Spreat, S., Thissen, D. M., Widaman, K. F., & Zhang, D. (2008, August). AAIDD's Diagnostic Adaptive Behavior Scale. In M. J. Tassé (Ed.), *Adaptive behavior: Understanding the construct and its measurement*. Symposium presented at the annual meeting of the American Psychological Association, Boston.
185. Widaman, K. F., Stockdale, G. D., & Conger, R. D. (2008, September). *Symptoms and diagnoses of psychiatric disorders in longitudinal context*. Paper presented at the annual meeting of the Life History Research Society, Bad Nauheim, Germany.
186. Widaman, K. F. (2008, December). *Working memory and fluid intelligence: Alternative models, conflicting conclusions*. Paper presented at the annual meeting of the International Society for Intelligence Research, Atlanta, GA.
187. Widaman, K. F., & Siperstein, G. N. (2009, March). *Resolving flashpoints regarding adaptive behavior assessments in Atkins-type court cases*. Paper presented at the annual meeting of the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans.
188. Larsen-Rife, D., Early D. R., Widaman, K. F., & Conger, R. D. (2009, April). *Interparental hostility, parental hostility, children's perceptions of conflict, and child self-esteem*. Paper presented at the biennial meeting of the Society for Research in Child Development, Denver.
189. Conger, R. D., Early, D. R., Widaman, K. F., & Larsen-Rife, D. (2009, April). *Parental warmth and support, positive parenting, and the development of Mexican origin children*. Paper presented at the biennial meeting of the Society for Research in Child Development, Denver.
190. Early, D. R., Masyn, K. E., Conger, R. D., & Widaman, K. F. (2009, April). *The role of the parental relationship on child maladjustment in African American families*. Paper presented at the biennial meeting of the Society for Research in Child Development, Denver.
191. Taylor, Z., Larsen-Rife, D., & Widaman, K. F. (2009, April). *Enculturation, father involvement and child competence in Mexican American families*. Paper presented at the biennial meeting of the Society for Research in Child Development, Denver.
192. Widaman, K. F. (2009, April). *Does testing a null hypothesis test your theoretical prediction? New methods for testing hypotheses strongly*. Invited address presented at the annual meeting of the Western Psychological Association, Portland, OR.
193. Widaman, K. F. (2009, May). *Investigating factorial invariance of latent variables across populations when manifest variables are missing completely*. Paper presented at meeting of Training Grant faculty and students, UCLA.
194. Widaman, K. F. (2009, May). *The state-of-the-science on factorial invariance*. Paper presented at the annual meeting of the Association for Psychological Science, San Francisco.

195. Widaman, K. F. (2009, June). *Current issues in adaptive behavior assessment*. Paper presented at the annual meeting of the American Association on Intellectual and Developmental Disabilities, New Orleans.
196. Widaman, K. F. (2010, July). Theory and practice in factorial invariance research: MVs and LVs, models and assumptions. In K. F. Widaman (Chair), *Current issues in factorial invariance*. Symposium conducted at the biennial meeting of the Society of Multivariate Applications in the Behavioral Sciences, Potsdam.
197. Taylor, Z., Widaman, K. F., Jochem, R. A., Early, D. R., & Conger, R. D. (2011, April). Life stress, maternal optimism, and children's social competence in Mexican-origin families. In Z. Taylor (Chair), *Academic achievement and aspiration of Mexican-origin youth: A risk and resilience perspective*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Montreal.
198. Orth, U., Robins, R. W., & Widaman, K. F. (2011, May). *Life-span development of self-esteem and its effects on important life outcomes*. Paper presented at the annual meeting of the Association for Personality Research, Riverside, CA.
199. Widaman, K. F. (2011, July). *Reformulating the role of significance testing in regression analysis*. Invited address at the XII Congreso de Metodología de Las Ciencias Sociales y de la Salud, San Sebastian, Spain.
200. Orth, U., Robins, R. W., & Widaman, K. F. (2011, September). *Entwicklung des Selbstwertgefühls über die Lebensspanne und Effekte auf Erfolge und Wohlergehen in wichtigen Lebensbereichen*. Paper presented at the 11th Meeting of the Section for Individual Differences, Personality, and Assessment of the German Psychological Society, Saarbrücken, Germany.
201. Widaman, K. F. (2011, September). *Beyond psychometric theory: How to interpret psychological test scores when making important decisions*. Invited address at 45<sup>th</sup> Anniversary Celebration of VETOR Publishing Company, Sao Paulo, Brazil.
202. Widaman, K. F., & Helm, J. L. (2011, October). *Nocturnal emissions: A failure to replicate*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Norman, OK.

### **Other Professional Activity**

#### **Professional Memberships**

Academy on Mental Retardation  
American Association on Intellectual and Developmental Disabilities  
American Psychological Association (Fellow of Divisions 5, 7, & 33; Member of Div. 20)  
American Psychological Society (Fellow)  
International Society for Intelligence Research

Psychometric Society  
Psychonomic Society  
Society of Multivariate Experimental Psychology  
Society for Research in Child Development

### **Editorial Board Memberships**

*American Journal of Mental Deficiency*, 1984-86  
*Journal of Applied Psychology*, 1988-1994  
*American Journal on Mental Retardation*, as Statistical Editor, 1992-2000  
*Journal of Abnormal Psychology*, 1988-present  
*Intelligence*, 1991-present  
*Merrill-Palmer Quarterly*, 1991-present  
*Multivariate Behavioral Research*, 1995-present  
*Structural Equation Modeling*, 1996-present  
*Applied Psychological Measurement*, 1997-present  
*Psychological Methods*, 1997-present; Associate Editor, 2010-present  
*Understanding Statistics*, 2000-present

### **Consulting Reviewer for (among others)**

<i>American Journal on Mental Retardation</i>	<i>American Psychologist</i>
<i>Applied Psychological Measurement</i>	<i>Behavior Research and Therapy</i>
<i>Behavior Therapy</i>	<i>Behavioral Assessment</i>
<i>Child Development</i>	<i>Developmental Psychology</i>
<i>Developmental Review</i>	<i>Drug and Alcohol Dependence</i>
<i>Experimental Aging Research</i>	<i>Human Factors</i>
<i>Intelligence</i>	<i>Journal of Abnormal Child Psychology</i>
<i>Journal of Abnormal Psychology</i>	<i>Journal of Applied Psychology</i>
<i>Journal of Consulting and Clinical Psych.</i>	<i>Journal of Educational Statistics</i>
<i>Journal of Exper. Psych.: Animal Beh. Proc.</i>	<i>Journal of Experimental Psychology: General</i>
<i>Journal of Exper. Psych.: L, M, &amp; C</i>	<i>Journal of Mathematical Psychology</i>
<i>Journal of Personality</i>	<i>Journal of Personality and Social Psychology</i>
<i>Journal of Research in Personality</i>	<i>Memory &amp; Cognition</i>
<i>Merrill-Palmer Quarterly</i>	<i>Multivariate Behavioral Research</i>
<i>Psychological Bulletin</i>	<i>Psychological Science</i>
<i>Psychology and Aging</i>	<i>Psychometrika</i>
<i>Research in Developmental Disabilities</i>	<i>Structural Equation Modeling</i>

**Member of Executive Committee**, 1990 to 2004, Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, an annual conference supported by the National Institute of Child Health and Human Development.

**Member of Advisory Committee**, 1995 to present, Postdoctoral training program in mental retardation research, The Waisman Center, University of Wisconsin, L. Abbeduto & M. M. Seltzer, Co-Directors

**Program Reviewer**

American Psychological Association annual meeting, Division 5: 1989, 1990, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2002, 2003, 2005, 2006, 2007  
American Psychological Association annual meeting, Division 12: 1996, 1997, 1998  
Society for Research in Child Development: 1996, 1998, 2000, 2002, 2006

**Member, Selection Committee**, with Niels Waller and David Kenny, comprised 3-person committee to select the winner of the 1996 APA Early Career Award in Applied Research/Psychometrics, from the American Psychological Association, through its Committee on Scientific Awards

**Member, Selection Committee**, with Colleen Moore and Marie Balaban, comprised 3-person committee to select the winner of the 1997 APA Division 7 Dissertation Award, from the American Psychological Association, through its Committee on Scientific Awards

**Member, Committee on Disability Determination for Mental Retardation, National Research Council**, to advise US Social Security Administration on mental retardation determination, 2000 through 2002

**Member of Study Section, National Science Foundation**, Developmental and Learning Sciences, serving from 2002 through 2005

**Member of Study Section, Institute of Educational Sciences, US Office of Education**, serving from 2005 through 2007, 2009-2010

**Member, Fellows Committee**, Division 5, Division on Measurement, Statistics, and Evaluation, American Psychological Association, 2004 through 2007

**Member, Nominations and Elections Committee**, American Association on Mental Retardation, 2006 through 2007

**Research Interest Areas**

Developmental psychology:

Developmental of intellectual abilities

Developmental methodology, especially developmental research designs

Development of abilities across the entire range of human capability, including the study of adaptive behaviors in persons with mental retardation and developmental disability

The development of intelligence and personality across the life span

Psychometrics:

Reliability, validity, and the validation of psychological measures

Relations among psychometric measures of intelligence and parameters derived from experimental investigations of cognitive processes

Use of factor analysis to isolate processes of intelligence

Factor analysis, item response theory, and measurement invariance

Quantitative psychology:

Practical problems encountered with multivariate techniques, e.g., factor analysis--the number of factors problem, the optimization of rotated factor solutions, the robustness of confirmatory and simultaneous maximum likelihood factor analysis  
Multiple regression analysis, both standard approaches and new developments

**Service to the University**

**Departmental Service**

Chair of Department (3 years)  
Vice Chair of Department (4 years)  
Graduate Advisor (14 years)  
Quantitative Area, Head (3 years)  
Committee on Graduate Advising and Support (Chair, 4 years)  
Executive Committee (3 years)  
Faculty Search Committee (Chaired 6; Member of 8 others)  
Computer Committee (Chair 6 years; Member 3 years)  
Colloquium Committee (Chair, 1 year)  
Committee in Charge of Quantitative Minor (Chair, 2 years)  
Space Committee (Member, 2 years)  
Taught overload (1 course each year, 5 different years)  
Departmental Professor of the Year (2 times)

**College of Letters & Science**

Faculty Personnel Committee (3 years, Chair during 3rd year)  
Letters & Science Faculty Assembly (2 years)

**Academic Senate**

Computer Committee (Member, 2 years)  
At-Large Representative to Representative Assembly (2 years)  
Ad hoc committee (Chaired 6; Member of 15 others)  
Undergraduate Council (Chair, 3 years)  
Committee on Preparatory Education (Member, 3 years)  
Advisory Committee (UCR) (Member, 3 years)  
Ad Hoc Committee on Reorganization of College of Natural and Agricultural Sciences (2 years)  
Research Policy Subcommittee, Committee on Research (1 year)

**University (Campus level)**

Enrollment Advisory Committee (Member, 3 years)  
Ad Hoc Enrollment Advisory Subcommittee (Member, 1 year)

**Administrative**

Academic Computing Center User's Committee (Member, 10 years)  
Committee on Supplementary Admissions Criteria (Member, 3 years)  
Committee on Student Academic Advising (Member, 3 years)

Diversity Initiative Task Group on Admissions (Member, 3 years)  
Center on Quantitative Social Science Research (3 years)  
Intersegmental Test Alignment Policy Work Group (Member, 3 years)  
Intersegmental Test Alignment Policy Work Group, Psychometric Subcommittee (Member, 3 years)

**University of California Systemwide**

Board of Admissions and Relations with Schools (5 total years of service: Member 2 years; Vice Chair 1 year; Chair 2 years)  
Academic Council (Member, 2 years)  
Presidential Task Force on Undergraduate Admissions Criteria (Member, 4 years)  
Intersegmental Council of Academic Senates (Member, 2 years)  
Committee on Preparatory Education (Member, 2 years)  
UC Systemwide Outreach Retreat, attendee  
All-University Conference on Teaching and Learning Technologies and the Present and Future of the University, attendee

**Other Universities**

External reviews for promotion to Associate Professor (10)  
External reviews for promotion to Full Professor (4)