

## *Curriculum Vitae*

### **MARGARET O'BRIEN CAUGHY**

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#### **I. BACKGROUND**

##### **Education and Training**

- |       |      |   |
|-------|------|---|
| Sc.D. | 1992 | The Johns Hopkins University<br>School of Hygiene and Public Health<br>Baltimore, Maryland<br>Major Area: Maternal and Child Health |
| M.Ed. | 1989 | University of Maryland<br>College Park, Maryland<br>Major Area: Human Development   |
| B.S.  | 1986 | Texas A&M University<br>College Station, Texas<br>Major Area: Psychology<br>Minor Area: Special Education                           |

##### **Honors and Awards**

Outstanding Teaching Award, University of Texas Health Science Center Houston, School of Public Health, 1999-2000  
National Academy of Sciences, *Frontiers of Research on Children, Youth, and Families Initiative* award recipient, 1998  
Chenoweth-Pate Fellow in Maternal and Child Health, The Johns Hopkins School of Hygiene and Public Health, 1991-1992  
Maternal and Child Health Training Fellowship, The Johns Hopkins School of Hygiene and Public Health, 1989-1992  
Graduate Fellowship, University of Maryland at College Park, 1987-1989  
Bachelor of Science Degree conferred *summa cum laude*, Texas A&M University, 1986

## Professional Experience

- 2005-present     *Associate Professor of Health Promotion and Behavioral Sciences*  
University of Texas-Houston School of Public Health
- 1999-2005       *Assistant Professor of Behavioral Sciences*  
University of Texas-Houston School of Public Health
- 1999-Present    *Adjunct Assistant Professor*  
Department of Population and Family Health Sciences  
The Johns Hopkins Bloomberg School of Public Health
- 1996-1998       *Assistant Scientist*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health
- 1995-1996       *Instructor*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health
- 1993-1995       *Research Associate*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health
- 1992-1995       *Instructor*  
Department of Special Education  
University of Maryland, College Park
- 1992-1993       *Senior Evaluation Coordinator*  
Department of Maternal and Child Health  
The Johns Hopkins School of Hygiene and Public Health
- 1991-1992       *Research Assistant*  
Department of Epidemiology  
The Johns Hopkins School of Hygiene and Public Health
- 1990-1991       *Faculty Research Associate*  
Department of Human Development  
University of Maryland at College Park
- 1987-1990       *Research Assistant*  
School of Nursing  
University of Maryland at Baltimore

## II. RESEARCH EXPERIENCE

### Research Objectives

*To study the social processes, both proximal and distal, which contribute to poor health, particularly among infants and children living in poverty; to apply this knowledge to the development of relevant interventions strategies, and to evaluate the effectiveness of such interventions.*

### Publications, Peer Reviewed

28. **Caughy, M.O.**, Nettles, S.M., & O'Campo, P.J. (2007). Community influences on behavioral and academic adjustment in first grade: An examination of an integrated process model. *Journal of Child and Family Studies* (in press)
27. **Caughy, M.O.**, Hayslett-McCall, K.L., & O'Campo, P.J. (2007). No neighborhood is an island: Incorporating distal neighborhood effects into multilevel studies of child developmental competence. *Health and Place* (in press).
26. Owen, M.T., Klausli, J., Mata-Otero, A.M., & **Caughy, M.O.** (2006). Relationship-focused child care practices: Quality of care and child outcomes for children in poverty. *Early Development and Care* (in press).
25. Huang, K. Y., Teti, D., **Caughy, M.O.**, Feldstein, S., & Genevro, J. (2006). Mother-child conflict interaction in the toddler years: Behavior patterns and correlates. *Journal of Child and Family Studies* (in press).
24. **Caughy, M.O.**, Nettles, S.M., O'Campo, P.J., & Lohrfink, K. (2006). Neighborhood matters: Racial socialization and the development of young African American children. *Child Development (Special Issue on Race, Ethnicity, & Culture)*, 77 (5), 1220-1236.
23. Laraia, B., Messer, L., Kaufman, J.S., Dole, N., **Caughy, M.**, O'Campo, P., & Savitz, D. (2006). Direct observation of neighborhood attributes in an urban area of the U.S. south. *International Journal of Health Geographics* (in press).
22. **Caughy, M.O.**, & O'Campo, P.J. (2006). Neighborhood impoverishment, social capital, and the cognitive development of African American preschoolers. *American Journal of Community Psychology*, 37 (1-2), 141-154.
21. Franzini, L., **Caughy, M.**, Spears, W., & Fernandez-Esquer, M. E. (2005). Neighborhood economic conditions, social processes, and self-rated health: A multilevel latent variables model. *Social Science & Medicine*, 61 (6), 1135-1150.
20. **Caughy, M.O.**, & Franzini, L. (2005). Individual and neighborhood correlates of cultural differences in perceived effectiveness of disciplinary tactics. *Parenting: Science and Practice*, 5 (2), 119-151.

19. Huang, K.Y., **Caughy, M.O.**, Genevro, J., & Miller, T. (2005). Parental knowledge of child development and quality of parenting among white, African American and Hispanic mothers. *Journal of Applied Developmental Psychology, 26*, 149-170.
18. **Caughy, M.O.**, Huang, K.Y., Miller, T., & Genevro, J. L. (2004). The effects of the Healthy Steps for Young Children Program: Results from observations of parenting and child development. *Early Childhood Research Quarterly, 19*, 611-630.
17. **Caughy, M.O.**, O'Campo, P.J., & Muntaner, C. (2004). Individual and neighborhood correlates of racism experiences among African American parents and effects on the mental health of their preschool-aged children. *American Journal of Public Health, 94* (12) 2118-2224.
16. Malik, S., Schechter, A., **Caughy, M.**, & Fixler, D.E. (2004). Proximity to hazardous waste sites and congenital heart disease. *Archives of Environmental Health, 59*, 177-181.
15. Valente, L., **Caughy, M.O.**, & Fischbach, L. (2004). A self-administered screening questionnaire to identify diabetics at risk for foot ulcerations or amputation. *Diabetes Educator, 30* (6), 932-944.
14. Ross, M.W., Henry, D., Freeman, A., **Caughy, M.**, & Dawson, A. (2004). Environmental influences on safer sex in young gay men: A situational presentation approach. *Archives of Sexual Behavior, 33*, 249-257
13. **Caughy, M.O.**, Miller, T., Genevro, J., Huang, Y., & Nautiyal, C. (2003). The effects of Healthy Steps on discipline strategies of parents of young children. *Journal of Applied Developmental Psychology, 24*, 517-534.
12. **Caughy, M.O.**, O'Campo, P.J., & Muntaner, C. (2003). When being alone might be better: Neighborhood poverty, social capital, and child mental health. *Social Science & Medicine, 57*, 227-237.
11. **Caughy, M.O.**, Randolph, S.R., & O'Campo, P. (2002). The Africentric Home Environment Inventory: An observational measure of the racial socialization environment of the home for preschool children. *Journal of Black Psychology, 28*, 37-52.
10. **Caughy, M.O.**, O'Campo, P., Randolph, S.R., & Nickerson, K. (2002). The influence of racial socialization practices on the cognitive and behavioral competence of African American preschoolers. *Child Development, 73*, 1611-1625.
9. **Caughy, M. O.**, Brodsky, A. E., O'Campo, P., & Aronson, R. (2001). Perceptions of parenting: Individual differences and the effect of community. *American Journal of Community Psychology, 29*, 679-699.
8. **Caughy, M.O.**, O'Campo, P., & Patterson, J. (2001). A brief observational measure for urban neighborhoods. *Health and Place, 7*, 225-236.

7. **Caughy, M. O.**, O'Campo, P., & Brodsky, A. E. (1999). Neighborhoods, families, and children: Implications for policy and practice. *Journal of Community Psychology*, 27, 615-633.
6. O'Campo, P., Wang, M., Xue, X., & **Caughy, M. O.** (1997). Neighborhood risk factors for low birthweight in Baltimore City: A multi-level analysis. *American Journal of Public Health*, 87, 1113-1118.
5. O'Campo, P., **Caughy, M. O.**, Aronson, R., Xue, X., & Wang, M. (1997). A comparison of two analytic methods for the identification of neighborhoods as intervention sites for community-based programs. *Evaluation and Program Planning*, 20, 405-414.
4. **Caughy, M. O.** (1996). Health and environmental effects on the academic readiness of school-age children. *Developmental Psychology*, 32, 515-522.
3. **Caughy, M. O.**, DiPietro, J. A., & Strobino, D. M. (1994). Daycare participation as a protective factor in the cognitive development of low-income children. *Child Development*, 65, 457-471.
2. DiPietro, J. A., **Caughy, M. O.**, Cusson, R., & Fox, N. A. (1994). Cardiorespiratory functioning of preterm infants: Stability and risk associations for measures of heart rate variability and oxygen. *Developmental Psychobiology*, 27, 137-152.
1. DiPietro, J. A., Cusson, R., **Caughy, M. O.**, & Fox, N. A. (1994). The effect of nonnutritive sucking on physiologic and behavioral reactivity to gavage feeding in preterm infants. *Pediatric Research*, 36, 207-214.

#### **Publications, Peer Reviewed (under review)**

Emory, R., **Caughy, M.O.**, Harris, T.R., & Franzini, L. Neighborhood social processes and academic achievement in elementary school. *Journal of Educational Psychology* (submitted).

**Caughy, M.O.**, O'Campo, P.J., & Nettles, S.M.. The effect of residential neighborhood on child behavior problems in first grade. *American Journal of Community Psychology* (in revision).

Huang, K.Y, **Caughy, M.O.**, Genevro, J., & Miller, T. Stability and preference of maternal discipline and quality of mother-child interaction in the first three years. *Applied Developmental Psychology* (submitted).

Rajaratnam, J., O'Campo, P., **Caughy, M.**, & Muntaner, C. Who benefits from social networks? The interactive effect of social networks and neighborhood crime on depressive symptoms in an urban sample of women with preschool-aged children. *American Journal of Public Health* (submitted).

O'Campo, P., **Caughy, M.O.**, Lohrfink, K., & Nettles, S. Intimate partner violence and children's well-being: Does the relationship vary by residential neighborhood? *American*

*Journal of Orthopsychiatry* (in revision).

Franzini, L., **Caughy, M.O.**, O'Campo, P.J., & Nettles, S.M. Perceptions of disorder: Contributions of neighborhood population characteristics to subjective perceptions of physical disorder. *Social Science & Medicine* (submitted)

Nettles, S.M., **Caughy, M.O.**, & O'Campo, P.J. School adjustment in the early elementary years: Toward an integrated model of neighborhood, parental, and child processes. *Review of Educational Research* (submitted).

Lima, J., **Caughy, M.O.**, Nettles, S.M., & O'Campo, P.J. Effects cumulative risk on behavioral and academic adjustment in first grade: Moderation by neighborhood context. *Journal of Family Issues* (submitted).

### **Book Chapters**

O'Campo, P., & **Caughy, M.** (2006). Measures of residential community contexts. In J. M. Oakes & J. S. Kaufman (Eds.), *Methods in social epidemiology*. NY: Jossey-Bass.

### **Grants and Contracts, Active**

**Principal Investigator:** "Behavioral and academic adjustment in elementary school: Social and ecological correlates". National Institute of Child Health and Development (RO1HD4041901A1), 2/01/02 - 1/31/08, \$1,185,450.

**Principal Investigator:** "Mother-infant conflict behavior and problem behavior development". National Institute of Mental Health (RO3MH06776501A2), 7/01/04 – 12/31/06, \$93,375

### **Grants and Contracts, Completed**

**Co-Principal Investigator:** "Implications of the Healthy Steps Program for the home environment, parent-child interaction, and child development". William. T. Grant Foundation, 4/1/98-3/31/01, \$350,000.

**Principal Investigator:** "Implications of the Healthy Steps Program for the home environment, parent-child interaction, and child development". Hogg Foundation for Mental Health, Amarillo Area Foundation, 1/1/99 - 3/31/02; \$183,919.

**Principal Investigator:** "Parenting and child development in context". Smith-Richardson Foundation, 2/1/98 - 7/31/99; \$177,101.

**Co-Principal Investigator:** "Poverty and the ecology of African-American child development" MCHB Grant Award, MCJ-240731, 10/96-09/99, \$833,720. (P.I. P. O'Campo).

**Principal Investigator:** "Social and environmental risk for HIV among young gay men" Centers for Disease Control and Prevention #U22/CCU617974, 9/30/99 - 9/29/02; \$671,758.

**Co-Investigator:** “The Hispanic Paradox and the role of social capital” Texas Department of Health, 7/1/2000 - 8/31/2002. \$359,856 (P.I. L. Franzini)

**Co-Investigator:** “Evaluation of the Healthy Steps Initiative” Commonwealth Foundation, 12/1/95 - 11/30/02; \$4,320,000 (P.I. B. Guyer)

**Co-Investigator:** “Local Evaluation of Baltimore City's Healthy Start Project” Baltimore City Health Department, 10/1/91 - 9/30/96; \$1,146,114; (P.I. P. O’Campo)

**Co-Investigator:** “Pilot study of social risk indicators for perinatal research” Johns Hopkins University, Faculty Development Fund, 4/1/93 - 12/31/94; \$30,000; (P.I. P. O’Campo)

## **Grants and Contracts, Pending**

### **III. SERVICE**

#### **Professional Service**

Ad hoc reviewer, *American Journal of Orthopsychiatry*

Ad hoc reviewer, *American Journal of Public Health*

Ad hoc reviewer, *American Sociological Review*

Ad hoc reviewer, *Child Development*

Ad hoc reviewer, *Developmental Psychology*

Ad hoc reviewer, *Early Childhood Research Quarterly*

Ad hoc reviewer, *Health and Place*

Ad hoc reviewer, *International Journal of Behavioral Development*

Ad hoc reviewer, *International Journal of Epidemiology*

Ad hoc reviewer, *Journal of Child and Family Studies*

Ad hoc reviewer, *Psychological Reports*

Ad hoc reviewer, *Social Science & Medicine*

Ad hoc reviewer, *Early Childhood Research Quarterly*

Consulting editor, *Child Development, Special Issue on Race, Ethnicity, and Culture*

Grant review committee, Maternal and Child Health Bureau, Health Resources and Services Administration, 2004-present

#### **Institutional Service**

Member, Faculty Council (2004-2006)

Member, Academic Affairs Committee (2002-2004)

Member, Dallas Regional Campus Coordinating Committee (2004-present)

Member, Health Promotion and Behavioral Sciences Leadership Team (2005-present)

Chair, Health Promotion and Behavioral Sciences Core Course Committee (2005-present)

Chair, Search committee for Behavioral Sciences faculty at regional campuses (3 positions) (2001-2003)

Chair, behavioral core course committee (2001-2002)

Member, search committee for Associate Dean for Academic Affairs (2000-2001)  
Member, Admissions Committee, Dallas regional campus representative (1999-2001)

## **Public Health Practice**

Member, Community Advisory Board, Cooper Institute for Aerobic Research (1999-2002)  
Member, Community Health Issues Committee, Amarillo Area Foundation (1999-2000)  
Member, North Texas March of Dimes Grant Review Committee (2002-2004)  
Member, North Texas March of Dimes Program Services Committee (2004-present)  
Consultant, KERA Public Radio Station, *Ready for Life* program (2001-present)  
Consultant, Health Department, City of Amarillo (1999-2002)

## **IV. TEACHING**

### **Courses taught**

*Social and Behavioral Aspects of Community Health*, spring semester, 1999-2006, lead instructor  
*Applied Data Analysis Methods for Public Health Research*, spring semester, 1999-2003, course instructor  
*Introduction to Biostatistics*, 2004-2006, course co-instructor  
*Introduction to Maternal and Child Health*, 2003-2006, course instructor  
*Program Evaluation*, spring semester, 2001

### **Students**

Salam Jarrah, MPH (2002). *Environmental Justice: Environmental Policies and Practices in Israel and the Effects on Palestinian Public Health*.

Sadia Ghaffar, MPH (2002). *Proximity to Hazardous Waste Sites and Congenital Heart Disease*.

Beena Oommen, MPH (2003). *A Study of Infant Mortality Rates*.

Leonard Valente, MPH (2004). *A Pilot Study to Test the Accuracy of a Self-Administered Foot Risk Screening Questionnaire (SFSQ) to Identify Diabetics at Risk For Foot Ulcerations or Amputation*.

Clarice Grimes, MPH (2004). *Estimating the Prevalence of Reportable Sexually Transmitted Infections in Alleges Criminal Assault Victims*

Robin Rosen, MPH (2004). *Parkland Hospital Intermediate Care Center Utilization For Nonemergent Medical Conditions*.

Miranda King, MPH (2005). *Risk-Appropriate Perinatal Care For Minorities In Dallas County*.

Ronya Emory, MPH (2006). *Neighborhood Social Processes and Academic Achievement In Elementary School*.

Rebecca Stolz, MPH (2006). *An Analysis Of The Implementation of the Texas Public School Nutrition Policy*.

Mary Jane Keller (doctoral candidate in Clinical Psychology, UT Southwestestern). *The role of emotional expressiveness within the family and children's perceived self-competence.*

**KEYWORDS**

social inequalities, developmental risk, program evaluation, early intervention, child development, parenting, poverty