

Suzanne McDermott, Ph.D.

Home Address:

1700 Crestwood Drive
Columbia, SC 29205-3210
(803) 799-5257

Work Address:

University of South Carolina Arnold School of Public Health
Department of Epidemiology and Biostatistics
Discovery 1
915 Greene Street, Room 417
Columbia, SC 29208
(803) 777-7225
e-mail: smcdermo@mailbox.sc.edu

Education:

Ph.D. in Public Health, University of South Carolina, 1991
Major Fields: Health Services Research and Epidemiology
Dissertation: Implications of Low Birth Weight and Other Risk Factors for the Prevention of Mild Mental Retardation
MS in Public Health in College of Engineering, Department of Civil Engineering, Tufts University
MS in Psychiatric Nursing, Boston University
BS University of Wisconsin

Employment:

December 1, 2013- present

**Department of Epidemiology and Biostatistics, U.S.C. Arnold School of Public Health
Tenured Full Professor**

February 1985–December 2013

Department of Family and Preventive Medicine (DFPM), U.S.C. School of Medicine
Tenured Full Professor and DFPM Research Director (June 2002-December 2013)
Tenured Associate Professor (May 1997-May 2002),
Assistant Professor (September 1991- May 1997)
Instructor (1987- 1991)
Grants Coordinator and Biostatistician (1985 -1987)

Sabbaticals:

January –June 2007

Visiting Professor, University of North Carolina, Center for Development and Learning, Chapel Hill, NC. Primary Contact: Greg Olley. I worked on a collaborative research project related to caregiving and medical school disability training, with faculty at UNC. I also wrote a book for Nova Publications “Epidemiology of Common Health Conditions among Adults with Developmental Disabilities”.

January-May 2000

Visiting Professor, Columbia University, Sergievsky Center, Columbia Presbyterian Hospital, New York City and New York Institute for Basic Research in Developmental Disabilities (IBR), Staten Island. Primary Contact: Nicole Schupf, Ph.D., Dr.P.H. – Epidemiology Chief at IBR and Adjunct Professor at Columbia University. I studied and worked on a collaborative project related to genetic epidemiology and its application to mental retardation research.

Editor of Refereed Journal:

Suzanne McDermott and Margaret Turk, MD. –Co-Editors–August 2008-present: *Disability and Health Journal*, quarterly publication- First issue January 2008. Published by Elsevier Press.
www.ees.elsevier.com/dhjo

Published Refereed Papers:

1. Xu X, Mann JR, **McDermott S**, Deroche CB, Gustafson E, Hardin JW. [2016] Women with visual impairment and insured by Medicaid or Medicare are less likely to receive recommended screening for breast and cervical cancers. *Ophthalmic Epidemiology*. In press.
2. Xu X, Mann JR, Hardin JW, Gustafson E, **McDermott S**, Deroche CB. (2016) Adherence to US Preventive Services Task Force recommendations for breast and cervical screening for women who have Spinal Cord Injury. *The Journal of Spinal Cord Medicine*. In press.
3. Aelion CM, Davis HT, Liu J, Burch JB, Cai B, Lawson AB, **McDermott S**. (2016) Potential sources and racial disparities in the residential distribution of soil arsenic and lead among of pregnant women. *Science of the Total Environment (STOTEN)*. In press.
4. Bennett, KJ, **McDermott S**, Mann JR (2016) Preventive Service Utilization among those with blindness and low vision. *Journal of Visual Impairment and blindness*. In press.
5. Hong, J, Wang Y, **McDermott S**, Cai B, Aelion M, Lead J. (2016) A physiologically-based extraction test to assess relationships between bioavailable metals in urban soil and neurodevelopmental. *Environmental Pollution* 212, 9-17.
6. **McDermott S**, Martin K, Devlin J. (2016) Disaster response for people with disability. *Disability and Health Journal* 9 (2).
7. **McDermott S**, Salzberg D, Anderson AP, Shaw T, Lead J. (2015) Systematic review of chromium and nickel exposure during pregnancy and impact on child outcomes. *Journal of Toxicology and Environmental Health, Part A*: 8(21-22):1348-68. doi: 10.1080/15287394.2015.1090939. Epub 2015 Nov 16. PMID: 26571332.
8. Wang Y, **McDermott S**, Mann JR, Hardin JW. (2015) Preventing intellectual disability during pregnancy: What are the potentially high yield targets? *Journal of Perinatal Medicine*, Jul 15. pii: /j/jpme.ahead-of-print/jpm-2015-0059/jpm-2015-0059.xml. doi: 10.1515/jpm-2015-0059. PMID: 26352060
9. Cai B, **McDermott S**, Wang Y, Royer JA, Mann JR, Hardin JW Ozturk O, Ouyang L. (2015) Skin ulcers and mortality among adolescents and young adults with Spina Bifida in South Carolina during 2000-2010. *Journal of Child Neurology*, Aug 3. Pii:088373815596611 PMID: 26239488.
10. Mann JR, Royer JA, **McDermott S**, Hardin JW Ozturk O, Street N. (2015) Hospitalizations and emergency room visits for adolescents and young adults with muscular dystrophy, living in South Carolina *Muscle and Nerve*, Feb 9. doi: 10.1002/mus.24599. [Epub ahead of print].
11. Deroche C, Holland M, **McDermott S**, Hardin JW, Salzberg D, Mann JR, Royer JA, Ozturk O. (2015) Development of a Tool to Describe overall health, social independence, and activity limitations of adolescents and young adults with rare conditions. *Research in Developmental Disability*, 38, 288-300. doi: 10.1016/j.ridd.2014.12.009. PMID: 25577179
12. Mann JR, Royer JA, Turk MA, **McDermott S**, Holland MM, Ozturk O, Hardin JW, Tribadeau, JK. (2015) Inpatient and emergency room visits for adolescents and young adults with spina bifida Living in South Carolina, *American Journal of Physical Medicine and Rehabilitation*. Vol 7 (5), 499-511. doi:10.1016/j.pmrj.2014.11.011
13. Mann J, Balte P, Clarkson J, Nitcheva D, Graham C, **McDermott S**. (2015) What are the specific disability and limitation types underlying response to the BRFSS disability

questions? *Disability and Health Journal*. Vol 8 (1) PMID: 25106913; doi: 10.1016/j.dhjo.2014.06.007.

14. **McDermott, S**, Hardin JW, Royer JA, Mann JR, Tong X, Ozturk OD, Ouyang L. (2015) Emergency Department Visits and Inpatient Hospitalization for Adolescents and Young Adults with Fragile X Syndrome. *American Journal of Intellectual and Developmental Disabilities*. 120 (3), 230-243. DOI: 10.1352/1944-7558-120.3.230
15. Onicescu, Georgiana; Lawson, Andrew; **McDermott, Suzanne**; Aelion, Marjorie; Cai, Bo. (2014) Bayesian importance parameter modeling of misaligned predictors: soil metal measures related to residential history and intellectual disability in children. *Environmental Science and Pollution Research*. PMID: 24888618.
16. Ozturk OD, **McDermott S**, Mann JR, Hardin JW, Royer JA, Ouyang L (2014) Disparities in Health Care Utilization by Race among Teenagers and Young Adults with Muscular Dystrophy. *Medical Care*. Vol. 52 (10), S3, S32-S39. doi: 10.1097/MLR.000000000000194. PMID: 25215918
17. Royer JA, Hardin JW, **McDermott S**, Ouyang L, Mann JR, Ozturk OD, Bolen J. (2014) Use of state administrative data sources to study adolescents and young adults with rare conditions. *Journal of General Internal Medicine*, Vol 29 (3), pp 732-738.
18. Davis, H.T., C.M. Aelion, A.B. Lawson B. Cai, **S. McDermott**. (2014). Associations between land cover/use categories and soil concentrations of arsenic, lead and barium and population race/ethnicity and socioeconomic status. *Science of the Total Environment*. 490; 1051-1056. doi: 10.1016
19. **McDermott, S**, Bao, W, Tong, X, Cai B, Lawson A, Aelion CM. (2014) Are different soil metals during pregnancy associated with mild and moderate/severe intellectual disability in children? *Developmental Medicine and Child Neurology*. DOI: 10.1111/dmcn.12442
20. **McDermott, S**, Bao, W, Cai B, Aelion CM, Lawson A (2014) Does the metal content in soil around a pregnant woman's home increase the risk for low birth weight in her infant? *Environmental Geochemistry and Health*. DOI 10.1007/s10653-014-9617-4.
21. Aelion, C. M., H. T. Davis, A. B. Lawson, B. Cai & **S. McDermott** (2014) Temporal and spatial variation in residential soil metal concentrations: Implications for exposure assessment. *Environmental Pollution*, 185; 365-368. doi: 10.1016/j.envpol.2013.10.018
22. Pan, Chun, Deroche, Chelsea, Mann Joshua, **McDermott, Suzanne**, Hardin James (2014) Is Pre-Pregnancy Obesity Associated with Risk of Cerebral Palsy and Epilepsy in Children? *Journal of Child Neurology*, 29 (12) NP 196- 201 doi:10.1177/0883073813510971.
23. Anderson LL, Humphries K, **McDermott S**, Marks B, Sisarak J, Larson S. (2013) The state of the science of health and wellness for adults with intellectual and developmental disabilities. *Intellectual and Developmental Disabilities*, 51 (5), 385-398. doi: <http://dx.doi.org/10.1352/1934-9556-51.5.385>
24. Mann JR , Deroche CB, Spiryda SB , **McDermott S** Is pre-pregnancy weight a risk factor for intellectual disability? *Expert Review of Obstetrics & Gynecology*, May 2013, Vol. 8, No. 3,197-199 (doi: 10.1586/eog.13.10)
25. McInnes, Melayne Morgan and Ozturk, Orgul D. and **McDermott, Suzanne** and Mann, Joshua, Improved Targeting of Social Programs: An Application to a State Job Coaching Program for Adults with Intellectual Disabilities (November 11, 2013). doi 10.2139/ssrn.17374908.
26. Mann, J. R., C. Pan, G. A. Rao, **S. McDermott** & J. W. Hardin (2013) Children Born to Diabetic Mothers May be More Likely to Have Intellectual Disability. *Matern Child Health J*, 17, 928-32.

27. Mann, J. R., **S. W. McDermott**, J. Hardin, C. Pan & Z. Zhang (2013) Pre-pregnancy body mass index, weight change during pregnancy, and risk of intellectual disability in children. *BJOG*, 120, 309-19.
28. Mann, J. R., **S. McDermott**, C. Pan & J. W. Hardin (2013) Maternal hypertension and intrapartum fever are associated with increased risk of ischemic stroke during infancy. *Dev Med Child Neurol*, 55, 58-64. PMID: 22984823
29. Aelion, C. M., H. T. Davis, A. B. Lawson, B. Cai & **S. McDermott** (2013) Associations between soil lead concentrations and populations by race/ethnicity and income-to-poverty ratio in urban and rural areas. *Environ Geochem Health*, 35, 1-12.
30. Barnes, T. L., E. K. Howie, **S. McDermott** & J. R. Mann (2012) Physical Activity in a Large Sample of Adults with Intellectual Disabilities. *J Phys Act Health* 10, 1048-1056..
31. Natoli, J. L., D. L. Ackerman, **S. McDermott** & J. G. Edwards (2012) Prenatal diagnosis of Down syndrome: a systematic review of termination rates (1995-2011). *Prenat Diagn*, 32, 142-53.
32. **McDermott, S., W.** Whitner, M. Thomas-Koger, J. R. Mann, J. Clarkson, T. L. Barnes, H. Bao & R. A. Meriwether (2012) An Efficacy Trial of "Steps to Your Health", a Health Promotion Programme for Adults with Intellectual Disability. *Health Education Journal*, 71, 278-290.
33. **McDermott, S., W.** Bao, C. Marjorie Aelion, B. Cai & A. Lawson (2012) When are fetuses and young children most susceptible to soil metal concentrations of arsenic, lead and mercury? *Spat Spatiotemporal Epidemiol*, 3, 265-72.
34. Howie, E. K., T. L. Barnes, **S. McDermott**, J. R. Mann, J. Clarkson & R. A. Meriwether (2012) Availability of physical activity resources in the environment for adults with intellectual disabilities. *Disabil Health J*, 5, 41-8.
35. Cai, B., A. B. Lawson, **S. McDermott** & C. M. Aelion (2012) A Bayesian semiparametric approach with change points for spatial ordinal data. *Stat Methods Med Res*. PMID: 23070600.
36. Aelion, C. M., H. T. Davis, A. B. Lawson, B. Cai & **S. McDermott** (2012) Associations of estimated residential soil arsenic and lead concentrations and community-level environmental measures with mother-child health conditions in South Carolina. *Health Place*, 18, 774-81. PMID: 22579118.
37. **McDermott, S.,** J. Wu, B. Cai, A. Lawson & C. Marjorie Aelion (2011) Probability of intellectual disability is associated with soil concentrations of arsenic and lead. *Chemosphere*, 84, 31-8.
38. Mann, J. R., **S. McDermott**, M. I. Griffith, J. Hardin & A. Gregg (2011) Uncovering the complex relationship between pre-eclampsia, preterm birth and cerebral palsy. *Paediatr Perinat Epidemiol*, 25, 100-10.
39. Mann, J. R. & **S. McDermott** (2011) Are maternal genitourinary infection and pre-eclampsia associated with ADHD in school-aged children? *J Atten Disord*, 15, 667-73.
40. Mann, J. R. and **S. McDermott** (2011). Maternal pre-eclampsia is associated with childhood epilepsy in South Carolina children insured by Medicaid. *Epilepsy Behav* 20(3): 506-511.
41. Griffith, M. I., J. R. Mann & **S. McDermott** (2011) The risk of intellectual disability in children born to mothers with preeclampsia or eclampsia with partial mediation by low birth weight. *Hypertens Pregnancy*, 30, 108-15.
42. Cai, B., A. B. Lawson, **S. McDermott** & C. M. Aelion (2011) Variable selection for spatial latent predictors under Bayesian spatial model. *Statistical Modelling*, 11, 535-555.
43. Morgan McInnes, M., O. Demet Ozturk, **S. McDermott** & J. R. Mann (2010) Does supported employment work? *Journal of Policy Analysis and Management*, 29, 506-525.
44. **McDermott, S.,** J. R. Mann & J. Wu (2010) Maternal genitourinary infection appears to synergistically increase the risk of epilepsy in children of women with epilepsy. *Neuroepidemiology*, 34, 117-22.

45. Mann, J. R., **S. McDermott** & T. Gill (2010) Sexually transmitted infection is associated with increased risk of preterm birth in South Carolina women insured by Medicaid. *J Matern Fetal Neonatal Med*, 23, 563-8.
46. Mann, J. R., **S. McDermott**, H. Bao, J. Hardin & A. Gregg (2010) Pre-eclampsia, birth weight, and autism spectrum disorders. *J Autism Dev Disord*, 40, 548-54.
47. Liu, Y., **S. McDermott**, A. Lawson & C. M. Aelion (2010) The relationship between mental retardation and developmental delays in children and the levels of arsenic, mercury and lead in soil samples taken near their mother's residence during pregnancy. *Int J Hyg Environ Health*, 213, 116-23. doi: 10.1016/j.ijheh.2009.12.004.
48. Kim, J. I., A. B. Lawson, **S. McDermott** & C. M. Aelion (2010) Bayesian spatial modeling of disease risk in relation to multivariate environmental risk fields. *Stat Med*, 29, 142-57.
49. Brown, R. S., C. L. Graham, N. Richeson, J. Wu & **S. McDermott** (2010) Evaluation of medical student performance on objective structured clinical exams with standardized patients with and without disabilities. *Acad Med*, 85, 1766-71.
50. Zhen, H., **S. McDermott**, A. B. Lawson & M. Aelion (2009) Are clusters of mental retardation correlated with clusters of developmental delay? *Geospat Health*, 4, 17-26.
51. Mann, J. R., **S. McDermott**, L. Zhou, T. L. Barnes & J. Hardin (2009) Treatment of trichomoniasis in pregnancy and preterm birth: an observational study. *J Womens Health (Larchmt)*, 18, 493-7.
52. Mann, J. R., **S. McDermott**, A. Gregg & T. J. Gill (2009) Maternal genitourinary infection and small for gestational age. *Am J Perinatol*, 26, 667-72.
53. Mann, J. R., **S. McDermott**, T. L. Barnes, J. Hardin, H. Bao & L. Zhou (2009) Trichomoniasis in pregnancy and mental retardation in children. *Ann Epidemiol*, 19, 891-9.
54. Mann, J. R., **S. McDermott**, H. Bao & A. Bersabe (2009) Maternal genitourinary infection and risk of cerebral palsy. *Dev Med Child Neurol*, 51, 282-8.
55. Kim, J. I., A. B. Lawson, **S. McDermott** & C. M. Aelion (2009) Variable selection for spatial random field predictors under a Bayesian mixed hierarchical spatial model. *Spat Spatiotemporal Epidemiol*, 1, 95-102.
56. Hawn, J., C. Rice, H. Nichols & **S. McDermott** (2009) Overweight and obesity among children with Down syndrome: a descriptive study of children attending a Down syndrome clinic in South Carolina. *J S C Med Assoc*, 105, 64-8.
57. Graham, C. L., R. S. Brown, H. Zhen & **S. McDermott** (2009) Teaching medical students about disability in family medicine. *Fam Med*, 41, 542-4.
58. Davis, H. T., C. M. Aelion, **S. McDermott** & A. B. Lawson (2009) Identifying natural and anthropogenic sources of metals in urban and rural soils using GIS-based data, PCA, and spatial interpolation. *Environ Pollut*, 157, 2378-85.
59. Aelion, C. M., H. T. Davis, **S. McDermott** & A. B. Lawson (2009) Soil metal concentrations and toxicity: associations with distances to industrial facilities and implications for human health. *Sci Total Environ*, 407, 2216-23.
60. Aelion, C. M., H. T. Davis, Y. Liu, A. B. Lawson & **S. McDermott** (2009) Validation of Bayesian kriging of arsenic, chromium, lead, and mercury surface soil concentrations based on internode sampling. *Environ Sci Technol*, 43, 4432-8.
61. Zhen, H., A. B. Lawson, **S. McDermott**, A. P. Lamichhane & M. Aelion (2008) A spatial analysis of mental retardation of unknown cause and maternal residence during pregnancy. *Geospat Health*, 2, 173-82.
62. **McDermott, S.**, L. Zhou & J. Mann (2008) Injury treatment among children with autism or pervasive developmental disorder. *J Autism Dev Disord*, 38, 626-33.
63. Mann, J. R., S. Crawford, L. Wilson & **S. McDermott** (2008) Does race influence age of diagnosis for children with developmental delay? *Disabil Health J*, 1, 157-62.

64. Aelion, C. M., H. T. Davis, **S. McDermott** & A. B. Lawson (2008) Metal concentrations in rural topsoil in South Carolina: potential for human health impact. *Sci Total Environ*, 402, 149-56.
65. Mann, J. R., Zhou, L., McKee, M., & **McDermott, S.** (2007). Are children with hearing loss at increased risk of injury? *Ann Fam Med*, 5, 528-533.
66. **McDermott, S**, Moran, R, Platt, T, Dasari, S. (2007) Health conditions among women with a disability. *Journal of Women's Health*, 16 (5), 713-720.
67. **McDermott, S**, Moran, R, Platt, T, Wood, H, Isaac, T, Dasari, S, (2007) Risk for Onset of Health Conditions among Community-living Adults of Spinal Cord and Traumatic Brain Injuries. *Primary Health Care Research & Development*, 8, 36-43.
68. **McDermott, S.**, Moran, R., Platt, T., Wood, H., Isaac, T., Dasari, S. (2007). Prevalence of diabetes in persons with disabilities. *Journal of Developmental & Physical Disabilities*, 19(3), 263-271.
69. **McDermott, S**, Moran, R, Platt, T, Wood, H, Isaac, T, Dasari, S (2006) Variation in health conditions among groups of adults with disabilities in primary care, *Journal of Community Health*, 31, 3, 147-159.
70. Howarth, E, Mann, J, Zhou, H, **McDermott, S**, Butkus, S (2006) What Predicts Re-employment after Job Loss for Individuals with Mental Retardation? *Journal of Vocational Rehabilitation*, 24.3, 183-189.
71. Mann, J, Zhou, H., Poston, MB, **McDermott, S** (2006) Healthy behavior change following attendance in a health promotion program, among adults with mental retardation *American Journal on Mental Retardation*, 111 (1), 62-73.
72. **McDermott, S**, Moran, R, Platt, T, Wood, H, Isaac, T, Dasari, S. (2005) Heart Disease, Schizophrenia, and Affective Psychoses: Epidemiology of Risk in Primary Care, *Community Mental Health Journal*, 41(6):747-55.
73. McCutcheon, E.P., Mann, J.R., Zhou, H, Howarth, E, **McDermott, S** (2005) Are South Carolinians with Disabilities Receiving the Health Care They Need? A Report from the Behavioral Risk Factor Surveillance System *Journal of the South Carolina Medical Association*, 101, 348-351.
74. Moran, R, Drane, W, **McDermott, S**, Dasari, S, Scurry, J.B., Platt, T (2005) Obesity among people with and without mental retardation across adulthood, *Obesity Research*, Vol 13 (2), 342-349.
75. **McDermott, S**, Moran, R, Platt, T, Wood, H, Isaac, T, Dasari, S (2005) Depression and Disability in Primary Care, *Disability and Rehabilitation*, 27 (3), 117-123.
76. **McDermott, S**, Moran, R., Platt, T., Wood, H., Isaac, T., Dasari, S.(2005) Prevalence of Epilepsy in Adults with Mental Retardation and Related Disabilities, in Primary Care. *American Journal on Mental Retardation*, 110 (1): 48-56.
77. Mani, S., Valtorta, M., **McDermott, S.** (2005) Building Bayesian Network Models in Medicine: the MENTOR Experience, *Applied Intelligence*, Vol. 22, No 2.,2005, 93-108.
78. Ewing, G., **McDermott, S.**, Koger, M., Whitner, W. Pierce, K. (2004) Evaluation of a Cardiovascular Health Program for Participants with Mental Retardation and Normal Learners. *Health Education & Behavior*, 31(1) 77-87.
79. Pierce, K., **McDermott, S.** Butkus, S.(2003) Predictors of Job Tenure for New Hires with Mental Retardation, *Research in Developmental Disabilities*, 24 (5) 369-380.
80. **McDermott, S.**, Nagle, R., Wright, H., Swann, S., Leonhardt, T., Wuori, D.(2002) Consultation in Pediatric Rehabilitation for Behavior Problems in Young children with cerebral palsy and developmental delay *Pediatric Rehabilitation*, 5(2), 99-106.
81. Wang, D., **McDermott, S.**, Sease, T. Analysis of hospital use for injury among individuals with mental retardation. *Injury Control and Safety Promotion*, 9 (2), 2002, 107-111.

82. **McDermott, S.**, Heath, J., Washington, L., Hucks, M., Meadow, S. Factors Influencing Attitudes toward Medication Use by Pregnant Women, with Implications for Prenatal Care Providers. *The Journal of the South Carolina Medical Association* 98 (1), 2002, 7-11.
83. Moran, R., **McDermott, S.**, Butkus, S. "Getting, Sustaining, and Losing a Job for Individuals with Mental Retardation" *Journal of Vocational Rehabilitation*, 16 (3,4), 2002, 237-244.
84. **McDermott, S.**, Daguise, V., Mann, H., Szwejbka, L., Callaghan, W. "Perinatal risk for mortality and mental retardation associated with maternal urinary-tract infections". *The Journal of Family Practice*, 50 (5), 2001, 433-437.
85. **McDermott, S.**, Callaghan, W., Szwejbka, L., Mann, H., Daguise, V. Urinary tract infections during pregnancy was associated with mental retardation or developmental delay in infants *Evidence-based Obstetrics and Gynecology*, 3,2 June 2001, 82-83.
86. **McDermott, S.**, Szwejbka, L., Mann, H., Durkin, M., Callaghan, W. "Urinary-Tract Infections During Pregnancy in South Carolina". *The Journal of the South Carolina Medical Association*, 97, 2001, 195-200.
87. **McDermott, S.**, Callaghan, W., Szwejbka, L., Mann, H., Daguise, V. "Urinary Tract Infections during Pregnancy and Mental Retardation and Developmental Delay" *Obstetrics & Gynecology*, 96 (1), 2000, 113-119.
88. Gray, B., **McDermott, S.**, Butkus, S. "Effect of Job Coaches on Employment Likelihood for Individuals with Mental Retardation" *Journal of Vocational Rehabilitation* 14, 2000, 5-11.
89. **McDermott, S.**, Martin, M., Butkus, S. "What Individual, Provider, and Community Characteristics Predict Employment of Individuals with Mental Retardation?" *American Journal on Mental Retardation*, 37(4), 1999, 346-355.
90. **McDermott, S.**, Martin, M., Weinrich, M., Kelly, M. "Program evaluation of sexual knowledge for women with mental retardation" *Research in Developmental Disabilities*, 20, 2, 1999, 93-106.
91. Valentine, D., **McDermott, S.**, Anderson, D. "Mothers of adults with mental retardation: Is race a factor in perceptions of burdens and gratifications?" *Families in Society*, 79 (6), 1998, 577-584.
92. **McDermott, S.**, Platt, T., Krishnaswami, S. "Are individuals with mental retardation living in the community at high risk for chronic disease?" *Family Medicine*, 29 (6), June 1997, 429-34.
93. Mani, S., **McDermott, S.**, Pazzani, M. "Generating Models of Mental Retardation from Data with Machine Learning" In: *Proceedings of the 1997 IEEE Knowledge and Data Engineering Exchange Workshop (KDEX-97)*, Newport Beach, CA., November 1997.
94. Mani, S., **McDermott, S.**, Valtorta, M. "MENTOR; A Bayesian model for prediction of mental retardation in newborns" *Research in Developmental Disabilities*; 18,5, 1997, 303-318.
95. **McDermott, S.**, Valentine, D., Anderson, A., Gallup, D., and Thompson, S. "Burdens and gratifications of parents with adult children with mental retardation living in-home versus out-of-home" *American Journal of Orthopsychiatry*, 67 (2), April 1997, 323-329.
96. **McDermott, S.**, Breen, R., Platt, T., Dhar, D., Shelton, J., Krishnaswami, S. "Do behavior changes herald physical illness in adults with mental retardation?" *Community Mental Health Journal*, Vol.33, No. 2, April 1997, 85-97.
97. **McDermott, S.**, Tirrito, T., Valentine, D., Anderson, D., Gallup, D., Thompson, S. "Aging parents of adult children with mental retardation: Is age a factor in their perception of burdens and gratifications?" *Journal of Gerontological Social Work*, 27 (1/2), 1996, 133-148.
98. Valentine, D., **McDermott, S.**, Anderson, D., "Mothers of adult children with mental retardation: an analysis of caregiver experiences". *Family Perspective*, 30 (3), 1996, 337-351.
99. **McDermott, S.**, Valentine, D., Anderson, D., Thompson, S., "Does residential placement of adult children with mental retardation influence the burdens and gratifications of their mothers?" *Adult Residential Care Journal*, Vol. 10, No. 2, 1996, 61-78.

100. Stevenson, R., Massey, P., Shroer, R., **McDermott, S.** and Richter, B. "Preventable fraction of mental retardation: an analysis based on 2106 individuals with severe mental retardation in residential facilities in South Carolina" *Mental Retardation*, Vol. 34, No. 3, June 1996, 182-188.
101. Massey, P., **McDermott, S.** and Disability Prevention Program, Office of the Director, Branch, Birth Defects and Developmental Disabilities Division, NCEH, CDC "State-specific rates of mental retardation- United States, 1993" for *Morbidity and Mortality Weekly Report (MMWR)* Vol. 45, No. 3, January 26, 1996.
102. **McDermott, S.**, Coker, A. Mani, S., Krishnaswami, S., Nagle, R., Barnett-Queen, L., Wuori, D., "Population based analysis of behavior problems in children with cerebral palsy". *Journal of Pediatric Psychology* Vol. 21, No. 3, 1996, 447-463.
103. **McDermott, S.**, Mani, S., Krishnaswami, S. "Population-based analysis of specific behavior problems associated with children with seizures". *Journal of Epilepsy*, Vol. 8, No. 2, 1995.
104. **McDermott, S.**, Kelly, M., Spearman, J. "Evaluation of a family planning program for individuals with mental retardation". *Sexuality and Disability*, Vol.12, no. 4, 1994, 307-317.
105. **McDermott, S.** "Explanatory model to describe school district prevalence of mental retardation and learning disabilities" *American Journal of Mental Retardation*, Vol. 99, No. 2, September 1994, 175-185.
106. **McDermott, S.** and Altekruse, J. "Dynamic model for preventing mental retardation in the population: the importance of poverty and deprivation" *Research in Developmental Disabilities*, Vol.15, No.1, Jan.-Feb. 1994, 49-65.
107. **McDermott, S.**, Coker, A., McKeown, R. "Low birth weight and risk for mild mental retardation by ages five and nine to eleven" *Paediatric and Perinatal Epidemiology* Volume 7, No. 2,, April 1993, 195-204.
108. **McDermott, S.** and Lee, C. V. "Injury among male migrant farm workers in South Carolina" *Journal of Community Health*: Vol. 15, No.5, October, 1990, 297-305.
109. Lee, C. V. and **McDermott, S.** "The delayed immunization in migrant farm worker children in South Carolina" *Public Health Reports* Vol.105, No.3: June 1990, 317-320.
110. Jacobs, P. and **McDermott, S.** "Family caregiver costs for handicapped and chronically ill children," *Public Health Reports*, Vol. 104, No.2. March-April, 1989, 158-163.
111. Whitney, L. and **McDermott, S.** "Observations on the Survival Experience of the Delaware Breast Cancer Management Program: 1984 Report" *Delaware Medical Journal*, Vol. 59, No. 12, December, 1987.
112. Whitney, L., **McDermott, S.** and Lloyd, J. "Breast Cancer Management Program Update: A Report of the 1981 Status of Patients Diagnosed from 1974-1978", *Delaware Medical Journal*, Vol. 55, No. 9, September, 1983.
113. Whitney, L., **McDermott, S.**, and Lloyd, J. "First Year Follow-up Report of Screenees of the 1974-1980 Breast Cancer Project," *Delaware Medical Journal*, Vol. 55, No. 9, 1983.

Editorials, Viewpoints and Commentaries:

1. **McDermott S.**, Martin K, Gardner JD. [2016] Viewpoint: Disaster response for people with disability. *Disabil Health J.* Vo 9[2] April 2016, 183-185.
2. Turk MA, **McDermott S.** [2016] Does ICD-10 help unravel associations between disability and health? *Disabil Health J.* Vol 9[1] January 2016, 1-2.
3. Turk MA, **McDermott S.** [2015] 2015-A year of anniversaries. *Disabil Health J.* Vol 8 [4] October 2015 465-466. PMID: 26364935
4. **McDermott S.**, Turk MA. (2015) What are the implications of the big data paradigm shift for disability and health? *Disabil Health J.* July 2015, Vol 8 (3) 303-304.

5. Turk MA, **McDermott S.** [2015] The challenge of reporting scientific excellence. *Disabil Health J.* 8 – 151-152.
6. **McDermott S,** Turk MA. (2015) How can research lead to change in practice? *Disabil Health J.* January 2015, 1-2.
7. Turk MA, **McDermott S.** [2014] Defining disability (Revisited). *Disabil Health J.* October 2014.
8. **McDermott S,** Turk MA. (2014) Disability language in the Disability and Health Journal. *Disabil Health J.* 2014 Jul;7(3):257-8. doi: 10.1016/j.dhjo.2014.05.002. Epub 2014 May 9. PMID: 24947565
9. Turk, M.A., & **S. McDermott** (2014) Toward an agenda of quality. *Disabil Health J,* 7, 134-135. doi: 10.1016
10. **McDermott, S.** & M. A. Turk (2014) Moving the research and science agenda forward. *Disabil Health J,* 7, 1. PMID: 24411499
11. Mann JR, Deroche CB, Spiryda LB, **McDermott S** (2013) Is pre-pregnancy weight a risk factor for intellectual disability? *Expert Rev Obstet Gynecol.* 8 (3), 197-199.
12. Turk, M. A. & **S. McDermott** (2013) DHJO: The past and the future. *Disabil Health J,* 6, 1.
13. **McDermott, S.** (2013) A call to action: What constitutes evidence for interventions related to disability and health? *Disabil Health J,* 6, 155-6. PMID: 23769473
14. **McDermott, S.** & P. Turk (2012) The challenges of the scholarship in the field of disability and health. *Disabil Health J,* 5, 65-6.
15. **McDermott, S.** (2012) Crime risk associated with disability. *Disabil Health J,* 5, 211-2.
16. **McDermott, S.** & M. A. Turk (2011) The myth and reality of disability prevalence: measuring disability for research and service. *Disabil Health J,* 4, 1-5.
17. **McDermott, S.** (2010) Assisted suicide: why this is an important issue for the Disability and Health Journal. *Disabil Health J,* 3, 1-2.
18. Turk, M. A. & **S. McDermott** (2008) From the editors. *Disabil Health J,* 1, 3-4.

Manuscripts In Review or with Revisions Requested:

1. Cope T, Lindgren S, Royer J, Momany E, Lee JC, McDuffie MJ, Lauer E, Kurtz S, **McDermott S,** Armour B. (2016) Using Medicaid Data to Characterize Persons with Intellectual and Developmental Disabilities in Five US States. *Intellectual and Developmental Disabilities.*
2. Deroche CB, **McDermott S,** Mann JR, Hardin JW, Courtney-Long EA, Carroll DD, Assessing colorectal cancer screening by disability status: a novel approach. *American Journal of Preventive Medicine.*
3. Xu X, **McDermott S,** Mann JR, Hardin JW, Deroche CB, Courtney-Long EA, Carroll DD. Adherence to breast and cervical cancer screening recommendations in women with and without intellectual disability. *Preventive Medicine.*
4. Bennett, K, **McDermott S,** Mann JR, Hardin J. Receipt of Recommended Services among patients with selected disabling conditions and diabetes. *Disability and Health Journal.* Submitted November 2015.
5. Davis HT, Aelion CM, Liu J, Burch J, Cai B, Lawson AB, **McDermott S.** Arsenic and lead in soils: investigating potential sources and racial disparities among pregnant women. *Environmental International.* Submitted December 2, 2014.
6. Royer JA, **McDermott S,** Hardin JW, Mann JR, Ozturk O. (2014) Adolescents and young adults with rare conditions- an overview of individual and service characteristics using education, employment and social support services administrative data. Submitted – *Disability and Society,* August 2014.

7. Davis, H.T., Liu J., C.M. Aelion, A.B. Lawson B. Cai, Burch, J, **S. McDermott**. Association between arsenic and lead soil concentrations and early and moderate preterm births in mothers from South Carolina: Examining neighborhood effects.
8. Holland M, Mann J, **McDermott S** Recruitment of Adolescents and young adults with rare conditions. Social Work Research, Submitted September 2014.

Published Book:

McDermott, S, Moran, R, Platt, T. (2008) The Epidemiology of Common Health Conditions among Adults with Developmental Disabilities in Primary Care. New York: Nova Science Publishing.

Published Book Chapters:

McDermott, S, Durkin, MS, Schupf, N, Stein, Z. (2007) Epidemiology and Etiology of Mental Retardation, In Handbook of Intellectual and Developmental Disabilities, Jacobson JW, Mulick, JA, Rojahn J. New York: Springer Press, pp 3-40.

Altekruse, J.A. and **McDermott, S**. (1988) "Contemporary Issues of Women in Medicine," Chapter in: Resistances of the Science and Health Care Professions to Feminism, Pergamon Press, Inc., Elmford, NY.

Book Review:

McDermott, S. Redefining Family Support: Innovations in Public-Private Partnerships by G.H.S. Singer, L.E. Powers and A.L. Olson, Paul Brookes Publishing, 1996. Published in Adult Residential Care Journal, Vol. 10, No. 2, 142-144.

Journal Manuscript Reviews

Developmental Medicine and Child Neurology
 Chemosphere
 Journal of Intellectual Disability Research
 Intellectual and Developmental Disabilities
 American Journal of Intellectual and
 Disability and Rehabilitation
 Paediatric & Perinatal Epidemiology,
 Archives of General Psychiatry
 Epilepsy and Behavior
 American Journal on Mental Retardation
 Journal of Pediatric Psychology
 Family Medicine
 American Journal of Preventive Medicine
 Public Health Reports

Published Posters, Abstracts, and Reports

Bao W, McDermott S, Bai B, Lawson A, Aelion CM. Are different soil metals during pregnancy associated with mild and moderate/severe intellectual disability in children? Carolina Women's Health Forum, Columbia SC, November 4, 2011.

Pan C, Mann JR, McDermott S, Hardin J. Obesity and weight gain in pregnancy: are they risk factors for intellectual disability in children? Carolina Women's Health Forum, Columbia SC, November 4, 2011.

Onicescu G, Lawson AB, McDermott S, Aelion CM, Cai B. Cumulative spatial and temporal exposure modeling of soil metals and developmental disabilities in children. GEOMED Conference, Victoria Canada, October 20-22, 2011.

Griffin M, Mann JR, McDermott S. The risk of intellectual disability in children born to mothers with preeclampsia or eclampsia with partial medication by low birth weight. Gatlinburg Conference, San Antonio, Texas, March 1-3, 2011.

Aelion, C.M., Davis, H.T., Zhen, H., McDermott, S.W., Lawson, A.B. Metal concentrations in residential soils. Poster presentation at the 28th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Milwaukee, WI, November 11-15, 2007.

Onset of Obesity in Individuals with Mental Retardation, Suzanne McDermott, PhD, R. Suzanne Swann, PhD, Robert Moran, MS, Tan Platt, MD at CDC Conference on Birth Defects, Developmental Disabilities, and Disability and Health, Atlanta Georgia, September 17-19, 2002.

Surveillance for Employment of Individuals with Mental Retardation: Predictors of Job Retention for New Hires, Kristen Pierce, Ph.D., Suzanne McDermott, Ph.D., and Stanley Butkus, Ph.D. at CDC Conference on Birth Defects, Developmental Disabilities, and Disability and Health, Atlanta Georgia, September 17-19, 2002.

Using Time and Geography to Identify Critical Exposure Periods for the Birth of Infants with Mental Retardation, Robert Moran, MS, Suzanne McDermott, PhD, at CDC Conference on Birth Defects, Developmental Disabilities, and Disability and Health, Atlanta Georgia, September 17-19, 2002.

Perinatal Risk for Mortality and Mental Retardation (MR) Associated with Maternal Urinary-Tract Infections, Suzanne McDermott, PhD, Virginie Daguise, PhD, Heather Mann, MSPH, Lisa Szwejbka, MSPH, William Callaghan, MD, MPH, at CDC Conference on Birth Defects, Developmental Disabilities, and Disability and Health, Atlanta Georgia, September 17-19, 2002.

Family-Centered Enhancement to Promote Mental Health for Young Children with Developmental and Learning Domain Delay, S.McDermott, R. Nagle, H.Wright, T. Leonhardt, D. Wouri, Gatlinburg Conference, Charleston, S.C., March 5-7, 2001

Urinary Tract Infections during Pregnancy Associated with Mental Retardation in the Infant, S. McDermott, E. Baxley, L. Szwejbka, H. Mann, Gatlinburg Conference, Charleston, S.C., March 18-19, 1999

A Model for Clinical Infant and Toddler Mental Health Consultation to Non-Mental Health Providers, H.Wright, D. Wuori, S. McDermott, T. Leonhardt, R. Nagle, et al., at 14th International Congress of the International Association of Child and Adolescent Psychiatry and Allied Professions, Stockholm, Sweden, August 2-6, 1998.

Evaluation of a Family Planning Program for Female Participants with Mental Retardation, S. McDermott, M. Schnackenberg, M. Kelly, B. DeHart, at American Public Health Association Annual Meeting, Indianapolis, Indiana, November 12, 1997.

Generating Models of Mental Retardation from Data with Machine Learning, S. Mani, S. McDermott, M. Pazzani, at IEEE Knowledge and Data Engineering Exchange Workshop (KDEX-97), Newport Beach, CA., November 4, 1997.

Detecting Mental Retardation in Newborns and Infants: A Machine Learning Approach, S. Mani, S. McDermott, at American Academy of Pediatrics meeting, New Orleans, November 1, 1997.

Maternal Urinary Tract Infections During Pregnancy and Risk of Mental Retardation in a Child, S. McDermott, V. Daguise, G. Tsaroucha, at American Association on Mental Retardation, New York City, May 28, 1997.

"Socialization Training, Education and Parenting Skills (STEPS)", a curriculum and training manual for providing family planning and parenting instruction to individuals with mental retardation, with South Carolina Department of Disabilities and Special Needs, 1991 and 1996.

Recent Presentations At International and National Meetings:

McDermott S, Marks E. Promoting Healthy Lifestyles For People with Lifelong Disability. American Physical Therapy Association Meeting, St Louis, Missouri, October 24, 2014.

McDermott, S, Bao, W, Cai B, Aelion CM, Lawson A, Are different soil metals during pregnancy associated with mild and severe intellectual disability in children? . International Society for Environmental Epidemiology Annual Meeting, Basel Switzerland, August 19-13, 2013.

C. Marjorie Aelion, PhD ¹, Jihong Liu, ScD ², **Suzanne McDermott, PhD** ³, Harley Davis, MSPH ⁴. Association between exposure to arsenic in soils and preterm birth in Medicaid women in South Carolina. American Public Health Association 141st Annual Meeting, Boston, MA. November 2-6, 2013.

Harley T. Davis*, Jihong Liu, C. Marjorie Aelion, Bo Cai, James B. Burch, and **Suzanne McDermott** Associations between exposure to lead in soils and preterm birth in a Medicaid population in South Carolina. Society for Pediatric and Perinatal Epidemiologic Research (SPER) and the Society of Epidemiologic Research (SER). Annual Meeting, Boston MA, June 17-18, 2013.

Harley T. Davis*, Jihong Liu, C. Marjorie Aelion, Bo Cai, James B. Burch, and **Suzanne McDermott** Associations between exposure to lead in soils and preterm birth in a Medicaid population in South Carolina. International Society for Environmental Epidemiology Annual Meeting, Basel Switzerland, August 19-13, 2013.

Royer, J., Hardin J, **McDermott, S**, Mann JR, Ozturk O. Summaries of Adolescents and Young Adults with Rare Conditions using State Data Sources. National Birth Defects Prevention Network, National Birth Defects Prevention Study 2013 Annual Meeting, 2/25-27, Atlanta Georgia, February 26, 2013.

Mann JR, **McDermott SW**, Hardin J, Pan C, Zhang Z. Obesity and Weight Gain in Pregnancy: Are They Risk Factors for Intellectual Disability in Children? Presented at the Annual Meeting of the American Academy of Cerebral Palsy and Developmental Medicine. September 14, 2012. Toronto, ONT, Canada.

Mann JR, **McDermott S**, Pan C, Hardin JW. Maternal hypertension and intrapartum fever are associated with increased risk of ischemic stroke during infancy. Poster presented at the Annual Meeting of the Society for Perinatal Epidemiologic Research, Minneapolis, MN, June 27, 2012.

Bao, W. **McDermott, S**, Cai B, Lawson A, Aelion CM. Are different soil metals during pregnancy associated with mild and moderate/severe intellectual disability in children? At *Healthy Eating in Context: Local Solutions, Global Challenges*, Columbia SC, March 30, 2012

Bao W, **McDermott S**, Bai B, Lawson A, Aelion CM. Are different soil metals during pregnancy associated with mild and moderate/severe intellectual disability in children? Carolina Women's Health Forum, Columbia SC, November 4, 2011.

Pan C, Mann JR, **McDermott S**, Hardin J. Obesity and weight gain in pregnancy: are they risk factors for intellectual disability in children? Carolina Women's Health Forum, Columbia SC, November 4, 2011.

Onicescu G, Lawson AB, **McDermott S**, Aelion CM, Cai B. Cumulative spatial and temporal exposure modeling of soil metals and developmental disabilities in children. GEOMED Conference, Victoria Canada, October 20-22, 2011.

McDermott, S An Efficacy Trial of the Steps to Your Health program for Adults with Intellectual Disabilities, at American Public Health Association Meeting, Denver CO, Nov 10, 2010.

Mann JR, McDermott S, Gregg A. Uncovering the complex relationship between pre-eclampsia, preterm birth and cerebral palsy. Accepted for publication at the American Academy for Cerebral Palsy and Developmental Medicine. Washington, DC. September 22-25, 2010.

Erin K. Howie, Timothy L. Barnes, **Suzanne McDermott, Joshua R. Mann**, and Rebecca A. Meriwether. Description of Physical Activity in Adults with Intellectual Disabilities. Presented at the International Congress on Physical Activity and Health. May 8, 2010.

McDermott, S. "Disability Surveillance in South Carolina" at CDC State Disability and Health Grantees, Researchers, and Partners Meeting, New Orleans, LA. April 22, 2009.

McDermott, S. "Efficacy Trial of Steps to Your Health for Adults with Cognitive Impairments.", at CDC State Disability and Health Grantees, Researchers, and Partners Meeting, New Orleans, LA. April 24, 2009.

Mann JR, **McDermott S**, Hardin J, Bao H. *Maternal Trichomoniasis is Associated with Increased Risk of Mental Retardation*. Presented at the Gatlinburg Conference on Research & Theory in Intellectual & Developmental Disabilities. New Orleans, LA. March 21, 2009.

Aelion, C.M., Davis, H.T., **McDermott, S.**, Lawson, A.B. Metal Concentrations in Rural Soils: Is There Potential for Human Health Impact? Invited talk, 29th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Tampa, FL, November 16-20, 2008.

Aelion, C.M, Davis, H,T, **McDermott, S**, Lawson, A.B., Zhen, H. Metal Concentrations in Residential Soils. Poster presentation, 28th Annual Meeting of the Society of Environmental Toxicology and Chemistry, Milwaukee, WI, November 11-15, 2007.

Ozturk, OD, cInnes, MM, **McDermott, S.** Evaluation of Job Coaching Programs and Employment of Mentally Disabled Individuals. Presented at Southern Economic Association meeting, New Orleans, LA, November 5, 2007.

McDermott, S. Research Results from a Effectiveness Trial for Health Promotion for Adults with Mental Retardation. Presented at From Good Services to Good Lives: 2007 National Reinventing Quality Conference, March 4-6, 2007, Charleston South Carolina, Monday March 5, 2007

McDermott, S. Using Data to Increase Employment Opportunities, Presented at From Good Services to Good Lives: 2007 National Reinventing Quality Conference, March 4-6, 2007, Charleston South Carolina, Monday March 5, 2007

Graham CL, Mann JR, **McDermott, S.** Accessibility of Physicians' Offices in South Carolina for Patients with Disabilities. Presented at the 2006 American Public Health Association Annual Meeting. Boston, MA. November 7, 2006.

McDermott, S., Graham CL. Teaching disability issues to medical students using standardized patients. Presented at the 2006 American Public Health Association Annual Meeting. Boston, MA. November 7, 2006.

Invited Presentation by **Suzanne McDermott**, Healthier than you would think: Health of Adults with Permanent Disabilities, National Center for Birth Defects and Developmental Disabilities, Atlanta GA., January 20, 2006.

Mann, JR, **McDermott, S.,** McInnes, MM, Zhou, H. (2006). Employment of individuals with mental retardation in South Carolina, 1996-2003. "Economics of Population Health" Conference, Inaugural Conference of the American Society of Health Economists, Madison, Wisconsin

Suzanne McDermott, Joshua Mann, Steps to Your Health: Healthy Behavior Change for Adults with Mental Retardation, American Public Health Association Meeting, Disability Special Interest Group, Philadelphia, PA, December 10-14, 2005.

Joshua Mann, **Suzanne McDermott**, Predicting Employment for Adults with Mental Retardation American Public Health Association Meeting, Disability Special Interest Group, Philadelphia, PA., December 10-14, 2005.

The South Carolina Experience: Using Medicaid Data to Explore Disability and Health, Presented by **Suzanne McDermott** and Pete Bailey, AAHD/CDC Wedinar, November 8, 2005.

Access to Health Care for People with Disabilities, **Suzanne McDermott**, 2005 NCBDDD State Grantee & Partners Annual Meeting, Albuquerque, New Mexico, July 11-13, 2005.

Conducting Research at the Country Club? PAR for the Course- Using Participatory Action Research to Improve Performance-Based State and Partner Programs, **Suzanne McDermott**, 2005 NCBDDD State Grantee & Partners Annual Meeting, Albuquerque, New Mexico, July 11-13, 2005.

Challenges to Fairness and Equity, and What do can do about them: Partners for Equitable Access to Health Care for Populations with Special Needs, **Suzanne McDermott**, 19th National Conference on Chronic Disease Prevention and Control (CDC), Atlanta, GA, March 2, 2005.

Epidemiology of Secondary Health Conditions: 10-Year Cohort Study. Exploring Environmental and Behavioral Interventions in Health Promotion Programs for People with Disabilities, **Suzanne McDermott**, Tan Platt, American Association on Health and Disability (AAHD) and Centers for Disease Control and Prevention (CDC), Washington DC, July 28-29, 2004.

BRFSS and other state data to support health promotion programs. McDermott, S. American Association on Health and Disability (AAHD) State Grantees Meeting, Washington DC, July 29, 2004.

Family-Centered Enhancement to Promote Mental Health for Young Children with Developmental and Learning Domain Delay, S.McDermott, R. Nagle, H.Wright, T. Leonhardt, D. Wouri, Gatlinburg Conference, Charleston, S.C., March 5-7, 2001

Urinary Tract Infections during Pregnancy and their Association with Mental Retardation and Developmental Delay, S.McDermott, New York State Institute for Basic Research in Developmental Disabilities, April 25, 2000.

Health Disparities and Mental Retardation: A Surgeon General's Conference," Washington, DC, December 5-6, 2001.

Urinary Tract Infections during Pregnancy Associated with Mental Retardation in the Infant, S. McDermott, E. Baxley, L. Szwejbka, H. Mann, Gatlinburg Conference, Charleston, S.C., March 18-19, 1999

Enhancing Treatment Acceptability in Early Intervention Through Focus Group Methodology, R. Nagle, S. McDermott, T. Leonhardt, H. Wright, LE Campbell, Southeastern Psychological Association Annual Meeting, March 18-21, 1999.

A Model for Clinical Infant and Toddler Mental Health Consultation to Non-Mental Health Providers, H.Wright, D. Wuori, S. McDermott, T. Leonhardt, R. Nagle, et al., at 14th International Congress of the International Association of Child and Adolescent Psychiatry and Allied Professions, Stockholm, Sweden, August 2-6, 1998.

Evaluation of a Family Planning Program for Female Participants with Mental Retardation, S. McDermott, M. Schnackenberg, M. Kelly, B. DeHart, at American Public Health Association Annual Meeting, Indianapolis, Indiana, November 12, 1997.

Generating Models of Mental Retardation from Data with Machine Learning, S. Mani, S. McDermott, M. Pazzani, at IEEE Knowledge and Data Engineering Exchange Workshop (KDEX-97), Newport Beach, CA., November 4, 1997.

Detecting Mental Retardation in Newborns and Infants: A Machine Learning Approach, S. Mani, S. McDermott, at American Academy of Pediatrics meeting, New Orleans, November 1, 1997.

Maternal Urinary Tract Infections During Pregnancy and Risk of Mental Retardation in a Child, S. McDermott, V. Daguise, G. Tsaroucha, at American Association on Mental Retardation, New York City, May 28, 1997.

Promoting Competence Related to Behaviors for Therapists and Parents of Children with Cerebral Palsy. At: The Prevention of Secondary Conditions in Persons with Disabilities Conference at University of Medicine & Dentistry of New Jersey, Edison, New Jersey, April 9, 1997.

A Bayesian Model for Prediction of Mental Retardation in Newborns, S. McDermott, S. Mani and M. Valtorta, at Prevention 97: Annual Meeting of the American College of Preventive Medicine and the Association of Teachers of Preventive Medicine, March 21, 1997.

Medical School Teaching

ONGOING

For M-II: two hours sessions for each Internal Medicine rotation an interactive class on disability and health.

For M-III Class: Two discrete one hour didactics on disability in primary care for each rotation in Family Medicine and Internal Medicine, every 6 weeks.

Guest lectures in Graduate Epidemiology classes 2013-present.

PAST

Course Director, FPMD 710 Seminar in Preventive Medicine, 8:30-10:00 Fridays, required for Preventive Medicine Residents, 1992-1996, 1998, 2000- 2005.

Course Director, FPMD 790 Independent Study in Preventive Medicine, arranged with Residents and Graduate Students in Health Fields, 1998- present.

Course Director, FPMD D634- M-IV Elective – The Practice of Community Disease Control (Community Health Care Medicine), 1999-present.

Teaching Assignments for Introduction to Clinical Practice (ICP):

For M-I Class: Lead teacher for Prevention in Practice Projects for M1 students.

Until 2007 taught the Health Care Delivery System: Organization of the system, health professionals and financing health care, health care reform and implications for physicians and hospitals.

Until 2011 for M-II Class: Three hours of Introduction to biostatistics

2007-2014: Two hour sessions for each Family Medicine rotation- interactive session on disability and health

Resident Education: Teach research methods in Family and Preventive Medicine and Pediatrics.

Departmental Administrative Responsibilities

Department of Epidemiology and Biostatistics, ASPH, Epidemiology Division Member, December 2013- present.

Department of Epidemiology and Biostatistics, ASPH, Faculty Search Committee Member- Epigenetics – September 2014- present.

DFPM Research Director, April 2001- November 2013.

DFPM Member, Leadership Team, 1998- 2009.

DFPM Member, Faculty Development Team, 1998-2001.

Arnold School of Public Health Committee Assignments

Tenure and Promotion Committee- January 2014 – present.

SC Superfund Research Grant Development Committee- Associate Director May 2014- present

Medical School Committee Assignments

Research Director, Center for Disability Resources, Department of Pediatrics, 2010-present.

Faculty Affairs Committee, July 2012 – November 2013.

Faculty Representation Committee, July 2012- November 2013.

Committee on Women, 1994-November 2014.(Chair 1999; Ex-Officio: SOM Liaison Officer to AAMC)

Research Advisory Committee, 1996-1997; 2004-2007
Faculty Awards Committee, 2004-2007.
Faculty Representation Committee, 2003-2006.
Executive Committee, 2004-2005.
Student Promotions Committee, 2004-2005.
LCME Institutional Self-Study Task Force- Research Committee, Chair, January 2001
Library Committee, 1999-2002.
Strategic Planning Committee on Research, October 1995-January 1996.
Faculty Development Committee, September 1995- 1999.
Faculty and Staff Grievance Committee, September 1995-1998.
Human Subject Review Committee, Joint Committee DVAMC/SOM, September 1991-1995, 2001 to 2003.
Independent Learning Subcommittee of the Curriculum Committee, 1995.

University Committee Assignments

USC Research Consortium on Children and Families, Executive Committee. 2012-present.
USC Faculty Grievance Committee, 2011-2014.
USC University Tenure and Promotion Committee, 2008- 2011.
USC Health Sciences Research Core Steering Committee, 2007-2013.
USC Clinical Research Faculty Advisory Committee (CRFAC), 2007-2008.
USC Faculty Senate, 2001- 2004.
USC- Institutional Review Board, 2001-2004; 2004-2007.
Search Committee for Dean USC School of Public Health, October 1995.

Advisory Committees and other Public Service

Member, Governor's Office Developmental Disabilities Council, 2003- 2012; previously served 1986-1995. Chaired Prevention Committee 1988-1995, Chaired Employment Committee 2003-2006.
Member, Department of Disabilities and Special Needs, Health Promotion and Prevention Committee, 2006- 2013.
Board Member, ARC of the Midlands, term beginning January 2004.
Chair, Medicine Division, South East Region American Association on Mental Retardation, Executive Committee, 6/1/99-5/31/01
Member, Medical Advisory Committee, South Carolina Autism Society, 1999- 2003.
Member, Protection and Advocacy for the Handicapped, Protection and Advocacy for Individuals with Developmental Disabilities (PAIDD) Committee, 1990- 1996.
Member, Special Needs Advisory Committee of Richland School District One, September 1993-1996.
Member, Health Education Advisory Committee for Richland School District One, April 1998-2003.
Member, Advisory Committee for PROJECT PREVENT, Council of Child Abuse and Neglect, September 1994-1997.
Member, Working Group, Department of Health and Environmental Control, (DHEC), Center for Health Infants and Pregnancy Surveillance (CHIPS). 1992-1995.
Member, Maternal and Child Health Functional Work Group, S.C. Budget and Control Board. 1994-1996.
President (Member, South Carolina Association for Retarded Citizens (ARC), 1985- 1990, member 1984- 1994.

Grants Awarded

ACTIVE

- AUCD/CDC OT13-1302 Disability and Health Program Value, **Principal Investigator**, September 30, 2013- March 30, 2016, Total \$255,000.
- CDC 1U59DD000945 "South Carolina Disability and Health Project" **Principal Investigator**, July 1, 2012- June 30, 2015, Total \$913,314.
- CDC 1U01DD001117 "SC Muscular Dystrophy Surveillance Tracking and Research Network (MD STARnet)" **Co-Principal Investigator**, September 1, 2014- August 31, 2019, Total \$1,071,405.

PAST

- NIEHS 2R01ES012895-04A2 "Methods to Detect Maternal Exposures and Child Outcomes", February 11, 2010- November 30, 2012, No Cost Extension December 1, 2012- November 30, 2014; **Principal Investigator**, Total \$1,365,638.
- CDC 1U01DD000927-01 Three State Rare Conditions Surveillance Project. **Principal Investigator**, September 1, 2012- December 31, 2014, Total \$795,806.
- CDC 1U01DD000776 "South Carolina Study of Adolescents and Young Adults with Rare Conditions". **Principal Investigator**. September 1, 2011-December 31, 2014, Total \$1,174,698.
- NIEHS 2R01ES012895-04A2 "Methods to Detect Maternal Exposures and Child Outcomes", February 11, 2010- November 30, 2012, No Cost Extension December 1, 2012- November 30, 2013; **Principal Investigator**, Total \$1,365,638.
- CDC 1U59DD000268-01 "South Carolina Disability and Health Project", July 1, 2007- June 30, 2012, **Principal Investigator**, First Year \$300,000, Total \$1,575,000.
- HRSA Maternal and Child Health Research Program R40 (HRSA-11-016) "Maternal obesity, excessive weight gain, diabetes mellitus, and hypertension during pregnancy and risk of neuro-developmental disabilities in children". January 2011- December 31, 2011, **Co-Investigator**. Total \$100,000.
- CDC DD000111 "Efficacy Trial of Steps to Your Health for Adults with Learning Domain Disabilities", September 30, 2006-September 29, 2009, **Principal Investigator**, Year one award \$323,949, Total \$970,809.
- NIEHS 1R01ES012895-01A1 "Methods to Detect Maternal Exposures and Child Outcomes", September 19, 2005-August 31, 2009, **Principal Investigator**, Total \$1,365,638.
- HRSA R40MC11277 Genitourinary Infections During Pregnancy and Risk of Epilepsy, Autism, and ADHD Mann, J. R. (PI) 02/01/2009 – 01/31/2010 Role: **Co-Investigator**, \$100,000.
- HRSA R40MC06636 "Maternal Sexual Infections and Adverse Child Outcomes", January 1, 2006- December 31, 2009, **Principal Investigator**, First Year \$118,346, Total \$293,054
- CDC U59/CCU414085 "Level 1- South Carolina Implementation Project for Preventing Secondary Conditions and Promoting Health of People with Disabilities", April 1, 2002- June 30, 2007, **Project Director**, Year one award, \$450,000, Year two award, \$477,425, Year three – five award, \$454,545 each year. Total \$2,250,000.
- CDC R04/CCR418776-02- "Secondary Conditions Associated with Disabilities", September 30, 2000-December 31, 2003, **Principal Investigator**, Year 1 and 2 award: \$341,447 per year, Year 3 award \$392,054, Total \$1,056,344.
- CDC- "Disability and Health", July 1, 1997-March 31, 2002, **Project Director**, Annual award: Y1- \$350,000, Y2- \$350,000; Y3- \$358,741, Y4- \$366,377, Y4 extension- \$277,671; Total \$1.67 million.
- "Project BEGIN", Contract, October 1997- September 30, 1998, **Principal Investigator** and **Site Director**, awarded \$16.9 million for 8 years; funded for only three years of planning.

- "South Carolina Disability Prevention Project", Cooperative Agreement with the Centers for Disease Control, October 1,1991-June 30, 1997, **Project Director**, Total for 5.75 years \$1,962,566.
 - **Principal Investigator** of three research components of CDC Agreement:
 - Clinical Trial for Prevention of Second Generation Mental Retardation
 - Behavior Problems Associated with Childhood Cerebral Palsy
 - Prevalence of Mental Retardation in Ten Year Old Public School Children
- "Prevention of Poverty Related Mental Retardation" Planning for an Effectiveness Trial, from the Centers for Disease Control and Prevention; October 1993-September 30, 1995, **Project Director**, \$112,500/year.
- "Mainstreaming Handicapped and Developmental Delayed Preschoolers in Community Day Care" from the SC Governor's Office, Developmental Disabilities Council, April 1990- April 1993, **Project Director**, \$95,000.
- "Pilot Project for Interagency Collaboration for Handicapped and At-Risk Infants and Toddlers" from the South Carolina Department of Health and Environmental Control, April, 1989 - October, 1990, **Project Director**, \$42,000.
- "South Carolina Plan for the Prevention of Mental Retardation and Related Disabilities" from the SC Governor's Office, Developmental Disabilities Council, December, 1987 - December, 1988, **Project Director**, \$10,000.
- "South Carolina Migrant Farm Worker Health Study" Milbank Memorial Fund, 1986-1987, **Project Coordinator**, \$65,000.

Memberships in Honor Societies:

Member, Delta Omega Society, the Public Health Honor Society, December 1994-present.
Member, The Academy on Mental Retardation, January 1994-2012.

Awards:

Mentor Award, Alpha Omega Alpha, Student Award for Danielle Soto, May 2004
Research Advancement Award, USC School of Medicine, 1999, 2001, 2003, 2005, 2007
Researcher of the Year Award, USC School of Medicine, 1999
American Rehabilitation Counseling Association Research Award, third place, 2001

Officer in National Organizations:

American Association on Health & Disability, Board of Directors, 2001-present
American Public Health Association, Disability Section, Treasurer, 2005-2006; Policy Chairperson-2006- 2009; Governing Council Representative – 2010-2013.

General Membership:

Association of Teachers of Preventive Medicine
American Public Health Association
American Association on Intellectual and Developmental Disabilities
Society for Pediatric Epidemiologic Research
International Society for Environmental Epidemiology

Consulting Services:

Greenwood Genetics Center, 2001-2012