

January 08, 2008

CURRICULUM VITAE
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Department of Family Science
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EDUCATION

1986 BA, UCLA, Psychology, Magna Cum Laude, Department and College Honors
1990 MA, UCLA, Social Research Methods, Developmental Psychology (Minor)
2000 Sc.D., Harvard University, Dual Doctorate in Epidemiology and Maternal & Child Health

ACADEMIC APPOINTMENTS

2008– Associate Professor and Director,
Maternal and Child Health Program
School of Public Health, University of Maryland, College Park

2001–2007 Assistant Professor of Community Health, Brown University School of Medicine

1999–2001 Epidemiologist - Centers for Behavioral and Preventive Medicine, Brown University School of Medicine, and The Miriam Hospital

1998-1999 Fellow in Injury Prevention, Harvard University

1993-1998 Fellow in Psychiatric Epidemiology, Harvard University

OTHER APPOINTMENTS

1991-1993 Senior Research Associate - University of California Cancer Prevention Center & San Diego State University Graduate School of Public Health

1989-1991 Research Associate - Diagnostic Research Institute, Los Angeles

PROFESSIONAL ACTIVITIES

Chair, panel on intersection between housing and community. Healthy homes expert panel meeting. Sponsored by National Center for Healthy Housing, and National Center for Environmental Health/ Agency for Toxic Substances and Disease Registry – Centers for Disease Control and Prevention. 2007

Technical Adviser to the WHO office for healthy housing, 2005 – present.

Member, Scientific Review Board, Maternal and Child Health Bureau, Department of Health and Human Services. 2003-present.

Member, NIH Scientific Review Group: ZRG1 RPHB-B 50 R, Mind, Body and Health. 2003.

AWARDS

New Investigator Symposia Award. Society for Research on Nicotine and Tobacco. 2001.

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

* Indicates student co-author.

1. Karle H, **Shenassa E**, Edwards C, Elder J. Tobacco control for high risk youth: Tracking and evaluation issues. *Journal of Family and Community Health*. 1994;4:10-17.
2. Evans N, Farkas A, Gilpin E, **Shenassa E**, Pierce J. Adolescents' perceptions of peers' health norms. *American Journal of Public Health*. 1995;8:1064-1069.
3. **Shenassa ED**. Application of the capture-recapture method to epidemiological studies of alcohol related problems. *Alcohol Clin Exp Res*. Nov 1999;23(11):1843-1847.
4. Brown MJ, **Shenassa ED**, Matte TD, Catlin SN. Children in Illinois with elevated blood lead levels, 1993-1998, and lead-related pediatric hospital admissions in Illinois, 1993-1997. *Public Health Rep*. Nov-Dec 2000;115(6):532-536.
5. **Shenassa ED**, Earls F. On the application of psychology to public health: Identification versus explanation. *Journal of Community Psychology*. 2001;29:1-3.
6. **Shenassa ED**. Society, physical health and modern epidemiology. *Epidemiology*. Jul 2001;12(4):467-470.
7. **Shenassa ED**. Delivering the goods: The relevance of classification accuracy to the design of community intervention and prevention programs. *Journal of Community Psychology*. 2002;30:197-210.

8. **Shenassa ED**, Catlin SN, Buka SL. Lethality of firearms relative to other suicide methods: a population based study. *J Epidemiol Community Health*. Feb 2003;57(2):120-124.
9. Brown MJ, Eastman M, **Shenassa ED**. Changing trends of HIV-related hospitalizations: a small area analysis in Illinois, 1994-2000. *J Community Health*. Aug 2003;28(4):247-255.
10. **Shenassa ED**, McCaffery JM, Swan GE, et al. Intergenerational transmission of tobacco use and dependence: a transdisciplinary perspective. *Nicotine Tob Res*. Dec 2003;5 Suppl 1:S55-69.
11. Buka SL, **Shenassa ED**, Niaura R. Elevated risk of tobacco dependence among offspring of mothers who smoked during pregnancy: A 30-year prospective study. *Am J Psychiatry*. Nov 2003;160(11):1978-1984.
12. Nash JM, Collins BN, Loughlin SE, et al. Training the transdisciplinary scientist: a general framework applied to tobacco use behavior. *Nicotine Tob Res*. Dec 2003;5 Suppl 1:S41-53.
13. **Shenassa ED**, Stubbendick A, Brown MJ. Social disparities in housing and related pediatric injury: A multilevel study. *Am J Public Health*. Apr 2004;94(4):633-639.
14. **Shenassa ED**, Rogers ML, Spalding KL*, Roberts MB. Safer storage of firearms at home and risk of suicide: a study of protective factors in a nationally representative sample. *J Epidemiol Community Health*. Oct 2004;58(10):841-848.
15. **Shenassa ED**, Daskalakis C. Smoking prevention: implications of study design, research setting, and goals. *Nicotine Tob Res*. Apr 2004;6(2):321-325.
16. **Shenassa ED**, Brown MJ. Maternal smoking and infantile gastrointestinal dysregulation: The case of colic. *Pediatrics*. Oct 2004;114(4):e497-506.
[The editors at *Pediatrics* selected this manuscript for early release to the media. As a result, ABC, NBC, CNN, USA Today, and about 200 newspapers in US, Canada, Australia, India, South Africa and Russia have quoted this paper.]
17. Reading R, Haynes R, **Shenassa ED**. Neighbourhood influences on child injury risk. *Children, Youth and Environments*. 2005;15(1):165-185.
18. **Shenassa ED**, Daskalakis C, Buka SL. Utility of indices of gun availability in the community. *J Epidemiol Community Health*. Jan 2006;60:44-49.
19. **Shenassa ED**, Liebhaber, A.*, Ezeamama, AE*. Perceived safety of area of residence and exercise: A pan-European study. *Am J of Epidemiology*. 2006;163(11):1012-1017.

20. Morello-Frosh R, **Shenassa ED**. The environmental ‘riskscape’ and social inequality: Implications for explaining maternal and child health disparities. *Environ Health Perspect.* 2006;114(8): 1150-1153.
21. Greene A.*, Morello-Frosh R, **Shenassa ED**. Inadequate prenatal care and elevated blood lead levels among children born in Providence, Rhode Island: A population-based Study. *Public Health Rep* 121 (6): 729-736 NOV-DEC 2006.
22. Stroud, LR; Solomon, C; **Shenassa ED**; et al. Long-term stability of maternal prenatal steroid hormones from the National Collaborative Perinatal Project: Still valid after all these years. *Psychoneuroendocrinology.* 2007; 32:140-150.
23. Neighbors C., Rogers ML, **Shenassa ED**., Sciamanna C., et al. Ethnic/Racial disparities in hospital procedure volume in lung resection for lung cancer. *Medical care.* 2007; 45(7):655-663.
24. Sciamanna CN, Rogers ML, **Shenassa ED**, Houston TK. Patient access to US physicians who conduct Internet or email consults. *J General Internal Med.* 2007; 22: 378-381.
25. **Shenassa ED**, Daskalakis C, Liebhaber A.*, Braubach, M., Brown MJ. Dampness and Mold in the home and depression: An examination of possible pathways. *Am J Public Health.* 2007; 97:1893–1899.
[The editors at *AJPH* selected this manuscript for early release to the media. As a result, CNN, NBC, local NPR stations and about 100 U.S. and foreign magazines and newspapers have quoted this paper.]
26. **Shenassa ED**, Frye M.*, Braubach M., Daskalakis C. The link between routine stair-climbing in place of residence and Body Mass Index: A pan-European population-based study. *International Journal of Obesity.* 2008 Mar;33(3):490-4. Epub 2007 Oct 23.
27. Rutman S.*, **Shenassa ED**, Becker B. Brief screening for adolescent depression in the pediatric emergency department. *Academic Emergency Med.* 2008 Jan;15(1):17-22.
28. Schneider K.*, **Shenassa ED**. Correlates of suicide ideation in a population-based sample of cancer patients. *Journal of Psychosocial Oncology.* 2008;26(2):49-62.

INVITED BOOK CHAPTERS

1. Rothman J, Damron J, **Shenassa E**. Systematic research synthesis: Conceptual integration methods of meta-analysis. In Rothman & Thomas (Eds.), *Intervention research: Designing and developing human service interventions*. Binghamton: Hayworth Press. 1994.
2. **Shenassa ED**. Progression of substance use in adolescents. In Balter IL, (ed.) *Parenthood in America: An encyclopedia*. Santa Barbara, CA: ABC-CLIO; 2000.

3. **Shenassa ED**, Brown MJ. Evidence of a link between passive smoking during gestation or infancy and colic. In Jeorgense, NA, ed. *Passive smoke and Health Research*. Nova Science Publishers, Inc. Hauppauge, NY. 2007: 267-282.
4. **Shenassa ED**, Daskalakis C. Smoking prevention: Implications of study design, research setting, and goals. In Fong, CB, ed. *New Research on Smoking Cessation*. Nova Science Publishers, Inc. Hauppauge, NY. 2007: 1-8.
5. **Shenassa ED**, Rogers ML, Spalding KL*. Safer storage of firearms at home: A consumer safety issue. *Consumer Product Safety Issues*. Nova Science Publishers, Inc. Hauppauge, NY. In Press.

OTHER PUBLICATIONS

1. Rothman J, Tumblin A, **Shenassa E**, Harada N. An empirically based model of case management: Results of a field study. *UCLA School of Social Welfare, Center for Child and Family Policy Studies, Los Angeles, California*. 1988.
2. **Shenassa ED**, Catlin S. Precision of estimates in capture-recapture studies of alcohol related problems [letter]. *Alcoholism: Clinical and Experimental Research*. 2000;24:744-745.
3. Brown MJ, **Shenassa ED**, Tips N. *Small Area Analysis of Risk for Childhood Lead Poisoning*. Washington, D.C.: Alliance to End Childhood Lead Poisoning; 2001.

MANUSCRIPTS UNDER REVIEW

1. **Shenassa ED**, Morello-Frosch R, Liu S.*. Allostatic load: A pathway linking chronic stress and adverse pregnancy outcomes. (Under review).
2. **Shenassa ED**, Graham AT, Liu T.*, Buka SL. Psychometric properties of the Wisconsin inventory of smoking dependence motives (WISDM-68): A Replication.

INVITED TALKS

1. “Prenatal exposure to nicotine may be linked to the risk of anti social behavior: Preliminary evidence from a 40-year prospective study”. Session for the recipients of the New Investigator award. Meeting of the Society for Nicotine & Tobacco Research. February 2001, Seattle, WA.
2. “Social disparities in housing and related pediatric injuries”. Centers for Disease Control. October 2003, Atlanta, GA.
3. “Social Disparity in Pediatric Health: From trench to the bench”. Pediatric Grand Rounds, Rhode Island Hospital. November 2003, Providence, RI.

4. "Fear of crime, Housing and health". World Health Organization, technical meeting on quantifying burden of disease from inadequate housing. November 2005, Bonn, Germany.
5. "A physiologic link between exposure to tobacco smoke & infantile G.I. dysregulation: The case of colic " delivered at the session on "Future of Maternal and Child Health – Emergent Issues and Populations", American Public Health Association annual meeting. December 2005, Philadelphia, PA.
6. "Perceived safety of area of residence and exercise: A pan-European study". Fifth International Conference on Urban Health. October 2006, Amsterdam, the Netherlands.
7. "Dampness and Mold in the home and depression: An examination of possible pathways". National Environmental Public Health Conference. November 2006, Atlanta, Georgia.

CONFERENCE PRESENTATIONS & PUBLISHED ABSTRACTS

1. **Shenassa, E.**, Karle, H., & Conway, T. (1993, October). Predictors of smoking in high risk populations. Paper presented at the meeting of the American Public Health Association, San Francisco, CA.
2. **Shenassa, E.**, & Daskalakis, C. (1999, June). The pseudo R-squared as a measure of classification accuracy in logistic regression. Poster presented at the meeting of *Society for Epidemiological Research, Baltimore, MD*.
3. **Shenassa, ED.**, & Buka S. (2000, February). Lower density of teen peers predicts current smoking. Poster presented at the meeting of the Society for Nicotine & Tobacco Research, Arlington, VA. **Judged as a top entry; Nicotine & Tobacco Research, 2(3), 306.*
4. Buka, S., **Shenassa, ED.**, & Niaura, R. (2000, February). Evidence of a link between prenatal exposure to nicotine and risk of tobacco dependence in a 30-year prospective study. Poster presented at the meeting of the *Society for Nicotine & Tobacco Research, Arlington, VA. *Judged as a top entry; Nicotine & Tobacco Research, 2, 287.*
5. **Shenassa, ED.**, Catlin, S., & Wilson, D. (2000, June). An eight-year population based study of suicide attempts in the state of Illinois. Paper presented at the meeting of the *American Association of Behavioral and Social Sciences, Las Vegas, NV.*

6. **Shenassa, ED.**, Catlin, S., & Buka, S. (2000, October). Gun availability, psychopathology, and risk of death from suicide attempt by gun. Poster presented at the meeting of American College of Epidemiology, Atlanta, GA. Published in *Annals of Epidemiology*, 10; 482.
7. **Shenassa, ED.**, Niaura, R., & Buka, S. (2001, May). In utero exposure to nicotine and lifetime risk of nicotine dependence. Symposium paper presented at the meeting of the Life History Research Society, St. Michael's, MD.
8. Wilson, D., **Shenassa, ED.**, & Catlin, S. (2001, June). The association between alcohol related hospital admissions and alcohol outlet density in the city of Chicago, 1990-1997. Poster presented at the meeting of the American Association of Behavioral and Social Sciences, Las Vegas, NV.
9. **Shenassa, ED.** Stubbendick, A. & Brown, MJ. (2002, November). Social inequalities in risk of non-fatal pediatric injuries occurring at home. Poster presented at the meeting of the American Public Health Association, Philadelphia, Pennsylvania.
10. **Shenassa, ED.** & Buka, S. (2002, June). Validity study of a proxy measure of community-level gun availability. Poster presented at the meeting of the Society for Epidemiologic Research, Palm Springs, CA. *American Journal of Epidemiology* 155: s89.
11. **Shenassa, ED.** & Daskalakis, C. (2003) Maternal smoking during pregnancy and nicotine dependence among offspring: Implications of research goals, settings, and designs. Poster presented at the meeting of the Society for Research on Nicotine & Tobacco, New Orleans, Louisiana.
12. Neighbors, C., Rogers, M., Novak, S., Sciamanna, C., **Shenassa, ED.** & Clark, M. (2004). Racial and ethnic differences in obtaining lung resection for lung cancer at higher operative volume hospitals. Poster presented at the annual meeting of *Academy Health*, San Diego, CA.
13. Novak, S., **Shenassa ED**, Gramling, R., Simmons, E. & Frierson, G. Patterns and Correlates of the Perceived Risk of Cancer and Coronary Vascular Disease: A Population-Based Study in the United States. (2004). Poster presented at the Eighth International Congress of Behavioral Medicine, Vienna, Austria.
14. Ezeamama AE*, **Shenassa ED**, Mor V. Disparities in access to invasive cardiovascular procedures among US adults: Does the presence of health insurance decrease racial disparities? *American Journal of Epidemiology* 161 (11): S50-S50 Suppl. S JUN 1 2005

15. Solomon C., Stroud L., Niaura R., **Shenassa ED**, Lipsitt L., LeWinn K., Buka S. (2005). Stability of Cortisol, Testosterone, SHBG, and CBG in Prenatal Serum over 40 Years of Storage: Two Studies from the National Collaborative Perinatal Project. Poster presented at the annual meeting of the International Society for Psychoneuroendocrinology, Montreal, CA.
16. Stroud L., Paster, R., **Shenassa ED**, Buka, S., Niaura, R., Lipsitt, L., Goodwin, M., Rosenblith, J. (2006). Prenatal Smoking Influences Newborn Neurobehavior: The New England Family Study. Paper presented at the 12th annual meeting of the Society for Research on Nicotine and Tobacco, Orlando, FL.
17. Rutman S.*, **Shenassa ED**, Becker B. (2006). Brief screening for adolescent depression in the pediatric emergency department. Paper presented at the annual meeting of the Pediatric Academic Societies, San Francisco, CA.
18. Daskalakis, C, **Shenassa, ED**. (2006). Inference about mediators or surrogate endpoints. Paper presented at 2nd North American Congress of Epidemiology, Seattle, WA.
19. Alessandra, K, Zerillo J, **Shenassa, ED**, Boergers, J; Richardson, E; Stanton, C. (2006) Adolescent smoking and suicidal behaviors. Kazura, AlessandrM.D., Zerillo J. Paper presented at 53rd Annual Meeting of the American Academy of Child and Adolescent Psychiatry, San Diego, CA.
20. Paster, R., Stroud, L., Goodwin, M., et al. (2007). Prenatal smoking shows greater effects on female infant irritability. Poster presented at the biennial meeting of the Society for Research on Child Development. Boston, MA.
21. Stroud, R., Niaura, R., Benowitz, N., et al. (2007). Effects of maternal smoking during pregnancy on infant birth weight depend on maternal nicotine metabolism. Paper presented at the 13th annual meeting of the Society for Research on Nicotine and Tobacco, Austin, TX.
22. **Shenassa ED**, Frye M.*, Daskalakis C., Braubach M. (2007). The link between routine stair-climbing in place of residence and body mass index: A pan-European population-based study. Poster to be presented at the 40th meeting of Society for Epidemiologic Research, Boston, MA.

RESEARCH GRANTS AND CONTRACTS

CURRENT GRANTS AND CONTRACTS

1. 2007-2009 (Continuation) - **Secondhand tobacco smoke exposure, maternal stress, and adverse birth outcomes – Flight Attendants Medical Research Institute (\$217,000 - #32069) Shenassa, ED., P.I.**

This is a grant to continue the study to elucidate mechanisms explaining the heightened susceptibility to adverse health effects of secondhand tobacco smoke exposure observed among people of low SES.

2. 2006-2007 – **A Guide to Healthy Homes. The Centers for Disease Control and Prevention** (contract 200-2006-M-18764, \$82,000) **Shenassa, ED., P.I.**

This is a contract to identify instruments used to measure housing conditions believed to impact residents' health; and develop a guide for these instruments, focusing on healthy homes objectives.

3. 2003-2007 - **Smoking during pregnancy and infantile GI dysregulation – Maternal and Child Health Bureau, Department of Health and Human Services** (\$831,108 - R40MC03600-01-00). **Shenassa, ED., P.I.**

The aim of this grant is to accrue a birth cohort to conduct a prospective investigation of the link between maternal smoking and infantile G.I. dysregulation, and to examine the possible role that release of a gut protein may play in mediating the link between exposure to tobacco smoke and infantile G.I. dysfunction.

4. 2003-2007 - **Secondhand tobacco smoke exposure, maternal stress, and adverse birth outcomes – Flight Attendants Medical Research Institute (\$299,239 - #32069) Shenassa, ED., P.I.**

This is a study to elucidate mechanisms explaining the heightened susceptibility to adverse health effects of secondhand tobacco smoke exposure observed among people of low SES by examining the exacerbating role of stress as measured by Allostatic Load.

5. 2005-2007 - **Housing, parental supervision and pediatric injury. Centers for Disease Control** (\$100,000 - subcontract to grant #R49/CCR115279-06) – **Shenassa, ED., P.I.**

This is a contract to follow-up an earlier study on the link between housing conditions and incidence of pediatric injury (Shenassa, Stubbendick & Brown, 2004).

6. 2003-2007 - **Prenatal neuroendocrine mediators of young adult smoking. National Institute of Child Health and Development, 2002. (Niaura, P.I.). \$467,810**

This is a grant to identify neuroendocrine mediators of various stages of smoking among young adults.

7. 2005-2009 - **NCI Tobacco Use Research Center (TTURC – Ray Niaura, P.I.; Shenassa, I.) Nicotine Dependence: Phenotype, Endophenotype & Contexts.**

This is the second phase of TTURC studies.

COMPLETED GRANTS

1. 1998 - **American Suicide Foundation (\$5,000) – Shenassa, ED, P.I.** Relative lethality of firearms.
2. 1998-1999 - **National Center for Lead Safe Housing (\$7,000) - Shenassa, ED, co-P.I.** Housing related pediatric injuries in Illinois
3. 1999 - **Alcoholic Beverage Medical Research Foundation (\$30,000) – Shenassa, ED, P.I.** Interaction of social and individual determinants of early alcohol use.
4. 1999-2000 - **Harvard Injury Control Research Center (\$10,000) – Shenassa, ED, P.I.** Availability of Firearms, psychopathology, and risk of death from suicide attempt by gun.
5. 2000 - **Alliance to End Childhood Lead Poisoning (\$27,000) - Shenassa, ED, co-P.I.** Small area analysis of risk of childhood lead poisoning.
6. 2001 - **Rhode Island Department of Health (\$25,000) – Shenassa, ED, P.I.** Contract to examine effects of mobility on school performance.
7. 2005-2006 - **Housing and health – The Centers for Disease Control and Prevention (contract \$25,000) Shenassa, ED., P.I.**
This is a contract to conduct a critical review and synthesis of the scientific literature on the link between housing conditions and health of occupants.

COMMUNITY & UNIVERSITY SERVICE

- | | |
|------|---|
| 2007 | Member – Doctoral student admission committee – Department of Community Health, Brown Medical School. |
| 2006 | Member – Curriculum committee – Department of Community Health, Brown Medical School. |
| 2006 | Maternal and Child Health Bureau - |

- Conducted site visit and consulted on data analysis and grant management issues.
- 2004-2006 Member – Steering Committee: Women’s Health Screening and Referral Program. Rhode Island Department of Health.
- 2004-2006 Member – Working Group on Administrative Improvements. Centers for Behavioral and Preventive Medicine.
- 2004-2006 Chair – Statistics committee. Centers for Behavioral and Preventive Medicine.
- 2004 Member – Working Group on Faculty Incentives. Centers for Behavioral and Preventive Medicine.

PROFESSIONAL MEMBERSHIPS

American Public Health Association
 Society for Research on Nicotine and Tobacco
 Society for Epidemiologic Research

GUEST REVIEWER

Addiction; American Journal of Epidemiology; American Journal of Public Health; Archives of General Psychiatry; Archives of Pediatrics & Adolescent Medicine; Child development; Epidemiology and Community Health; Infant and Child Development; International Journal of Epidemiology; Jossey-Bass; Nicotine and Tobacco Research; Pediatrics; Psychology of Addictive Behaviors; Psychosomatic Medicine; Social Science and Medicine, and others.

ADVISING

Fall 2002 - Spring 2003

Ellika Bartlett, Senior Thesis, Department of Community Health, Primary Reader
 Pamela Bernard, Senior Thesis, Department of Community Health, Primary Reader

Fall 2003 – Spring 2004

Ruth Lindberg, Senior Honors Thesis, Department of Community Health, Primary Reader
 Kirsten Spalding, Senior Thesis, Department of Community Health, Primary Reader
 Jordana Herschthal, Senior Thesis, Department of Community Health, Primary Reader
 Anna Greene, Senior Thesis, Center for Environmental Studies, Reader

Fall 2004 – Summer 2005

Allison Liebhaber, Senior Honors Thesis, Department of Community Health, Primary Reader
Rachel Goldstein, Senior Thesis, Department of Community Health, Primary Reader
Nicholas Bianco, Masters Thesis, Center for Environmental Studies, Adviser
Rachel Siemons, recipient of UTRA fellowship – Brown University – Adviser.

Fall 2006 – present

Xiaozhong Wen – Doctoral student – Adviser.
Jeanette Saraidaridis - Senior Honors Thesis, Department of Community Health, Reader
Cyra patel - Senior Honors Thesis, Department of Community Health, Reader
Harris Julen - Senior Thesis, Department of Community Health, Primary Reader