

Curriculum Vitae

Larry W. Figgs, Ph.D. MPH
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Ballwin, MO 63021.
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Education

Colleges and Universities:

St. Louis University, St. Louis, MO **Certificate**, Health Care Ethics 2006
Johns Hopkins University School of Hygiene & Public Health, Baltimore, MD, **MPH**, 1992
Post Doctoral Fellowship - Molecular Endocrinology - Albany Medical College, Albany, NY.
Jan 1984 - Feb 1987.
University of Louisville, Louisville, KY, Biology, **Ph.D.**, 1983
Haverford College, Haverford, PA, **Post Baccalaureate Fellowship**, 1971
Howard University, Washington, DC, Zoology, **BS**, 1970

Other Training

F.E.M.A. Incident Management IS100-IS400, IS600-IS700 2008
Biacore, Inc. Piscataway, NJ, Certificate, Kinetic & Affinity Analysis I, 1999
Biacore, Inc. Piscataway, NJ, Certificate, Kinetic & Affinity Analysis II, 1999
US DHHS Public Health Service Epidemiology Training Fellow - National Cancer Institute, Bethesda, MD. 20892-7364 July 1, 1991 - June 29, 1994.
American Type Culture Collection, Polymerase Chain Reaction Application Workshop, 1994.
US DHHS, Civil Rights Contract Compliance, NIH, May 16, 1994.
US DHHS, Sexual Harassment in the Workplace: A Workshop, NIH, 1994.
US DHHS, Developing Effective Presentation Skills, NIH, 1994.
US DHHS, Basic Project Officer - Research and Development, Aug 10-13, 1992.
New York State DOH, Albany, NY - Management Development Fellowship. 8/88-7/89.
Commission 2nd Lt. United States Air Force, May 14, 1977.
Active and Reserve Duty: 1977-1990 Honorable Discharge, November, 8 1990

Relevant Work Experience

Associate Professor: Department of Preventive Medicine, College of Public Health, University of Kentucky, Rm 215B, 121 Washington Avenue, Lexington, KY 40536. Timothy S. Prince, MD, 859-257-5678-Ext 82100. January 2007 - Present.

Director: Regional Consortium for Leadership, Outreach and Training. Department of Preventive Medicine, College of Public Health, University of Kentucky, Rm 215B, 121 Washington Avenue, Lexington, KY 40536. January 2007 - Present

Advisor: Environmental Health Management Advisor. Lexington-Fayette County Health Department. 650 Newtown Road, Lexington, KY. 40511. January 2007 - Present

Tenured Associate Professor of Community Health in Epidemiology: Saint Louis University School of Public Health, O'Donnell Hall, 3663 Lindell Blvd., Saint Louis, MO 63108. Ross C.

Brownson, PhD, 314-977-8110. September 1995 – January 2007.

NCI Epidemiology and Biostatistics Fellow: National Cancer Institute, Bethesda, MD. 20892-7364 Aaron Blair, - 301-496-9093 July 1, 1994 - September 30, 1995.

Public Health Service Epidemiology Training Fellow: National Cancer Institute, Bethesda, MD. 20892-7364 Aaron Blair, - 301-496-9093 July 1, 1991 - June 29, 1994.

Technical Advisor: New York State Department of Health, Albany, NY, Michael Nazarko, 518-474-2121, September, 1990 - June, 1991.

Public Health Representative: New York State Department of Health, Albany, NY, Robert O'Connor, 518-474-2121, September, 1989 - September, 1990.

Minority Management Fellow: New York State Department of Health, Albany, NY, Lorna S. McBarnette, 518-474-2121. Aug, 1988 - Aug, 1989.

National Research Service Award : Post Doctoral Fellow, Albany Medical College, Albany, NY, Leo E. Reichert, Jr, 518-474-2121. January, 1984 - Feb, 1987.

Journal Publications

- Bhatti P, Blair A, Bell EM, Rothman N, Lan Q, Needham LL, Portengen L, Figgs LW, Vermeulen R. Predictors of 2,4-dichlorophenoxyacetic acid exposure among herbicide applicators. *J Exposure Sci Environ Epidemiol* (In Press February 2009)
- Moonie S, Sterling DA, **Figgs LW**, Castro M. The Relationship Between School Absence, Academic Performance and Asthma Status. *J School Health*, 2008; 78:140-148.
- Moonie S, Sterling D, **Figgs LW**. Castro, M. Asthma Status and Severity Effects Missed School Days *J School Health* 2006 76:18-24.
- Figgs LW**. Breast Cancer Research Among African-American Women: Accurate racial categories? *Cancer*. 2003, 97:335-342.
- Clarke CA, West DW, Edwards B, **Figgs LW**, Kerner J, Schwartz A. Existing Data on Breast Cancer in African American Women: what we know and what we need to know. *Cancer*, 2003, 97:221-241.
- Holland NT, Duramad P, Rothman N, **Figgs LW**, Blair A, Hubbard A, Smith MT. Micronuclei frequency and proliferation in human lymphocytes after exposure to herbicide 2,4-dichlorophenoxyacetic acid *in vitro* and *in vivo*. *Mutat Res*. 2002 Nov 26;521(1-2):165-78
- Brownson RC, **Figgs LW**, Caisley LE. The Epidemiology of Environmental Tobacco Smoke Exposure. *Oncogene*. 2002, 48:7341-7347 (Review)
- Figgs LW**. Holland NT, Rothman N, Zahm SH, Tarone RE, Hill R, Vogt RF, Smith MT, Boysen CD, Holmes FF, Van Dyck K, Blair A. Increased Lymphocyte Replicative Index Following 2,4-Dichlorophenoxyacetic Acid Herbicide Exposure. *Cancer Causes Control* 2000; 11:373-380.
- Figgs LW**, Bloom Y, Dugbately K, Nelson DE, Stanwyck CA, Brownson RC. Behavioral Risk Factor Surveillance System Data Use: 1993-1997 *Am J Public Health* 2000; 90:774-776.

- Bloom Y, **Figgs LW**, Baker EA, Dugbatey K, Stanwyck CA., Brownson RC. Data uses, benefits, and barriers for the Behavioral Risk Factor Surveillance System: A qualitative study of users. *J Public Health Management Practice*, 2000, 6: 78-86.
- Figgs LW**, Stewart PA, Blair A. The impact of initial job assignment on formaldehyde exposure among African-American and white formaldehyde industry workers. *Am J Ind Med*. 1998, 32:57-64.
- Sarr M, Simoes EJ, Murayi T, **Figgs LT**, Brownson RC. Trends in breast cancer screening in Missouri from 1987 to 1995, and predictions for the years 2000 and 2010. *Mo Med*. 1998 Dec;95(12):663-9.
- Cocco P, **Figgs L**, Dosemeci M, Hayes R, Linet MS, Hsing AW. Case-control study of occupational exposures and male breast cancer. *Occup Environ Med*. 1998 Sep;55(9):599-604.
- Zahm SH, **Figgs LW**, Bulbulyan M, Zaridze DG. Genetic polymorphisms and breast cancer. *JAMA* 277:533-534. – author reply.
- Walker B, **Figgs LW**, Zahm SH. Differences in cancer incidence, mortality, and survival between African Americans and whites. *Environ Health Perspect* 1995 18:275-281.
- Henderson AK, Rosen D, Miller GL, **Figgs LW**, Zahm SH, Sieber SM, Rothman N, Humphrey HE, Sinks. Breast cancer among women exposed to polybrominated biphenyls. *Epidemiology*. 1995,6:544-6. Erratum in: *Epidemiology* 1996 Mar;7(2):216.
- Figgs LW**, Dosemeci M, Blair A. United States non-Hodgkin's lymphoma surveillance by occupation 1984-1989: a twenty-four state death certificate study. *Am J Ind Med*. 1995, 27:817-35.
- Bulbulyan MA, **Figgs LW**, Zahm SH, Savitskaya T, Goldfarb A, Astashevsky S, Zaridze D. Cancer incidence and mortality among beta-naphthylamine and benzidine dye workers in Moscow. *Int J Epidemiol*. 1995; 24:266-275.
- Dosemeci m, Hoover RN, Blair A, **Figgs LW**, Devesa S, Grauman D, Fraumeni JR Jr. Farming and prostate cancer among African-Americans in the southeastern United States. *J Natl Cancer Inst*. 1994; 86:1718-1719.
- Figgs LW**, Dosemeci M, Blair A. Risk of multiple myeloma by occupation and industry among men and women: a 24-state death certificate study. *J Occup Med*. 1994; 36:1210-1221.
- Figgs LW**, McBarnette LH. Manpower shortage: Observations of N.Y. state licensure and registration data. *Radiol Management*. 1991;13:51-58).
- Figgs LW**. Guanine nucleotide binding in human placental syncytiotrophoblast membranes and regulation of adenylate cyclase in syncytiotrophoblast, turkey erythrocyte, and bovine calf testes membranes by guanosine-5-triphosphate. *Comp Biochem Physiol*. 1988; 1:119-125.
- Dattatreyamurty B, **Figgs LW**, Reichert LE, Jr. Physical and functional association of follitropin receptors with cholera toxin sensitive guanine nucleotide binding protein. *J Biol Chem*. 1987;24:11.

Manuscripts in Review

- Figgs, LW**. Brown rat (*Rattus norvegicus*) activity and food and harborage characteristics in a residential community of a medium-sized United States city. *Pest Management Science*

Figgs LW, Donofrio J. Novel Application of Hospital Resources Management Software for County-wide, Hospital-based, Animal-bite surveillance. *Preventive Medicine*

Figgs LW, Hosinger H, Freitas SJ, Brion GM, Tollerud D. Suicide Among Arsenic Exposed Workers at the Paducah Gaseous Diffusion Plant in Paducah, KY (1953-2003). *Preventive Medicine*

Book Chapters

Larry Figgs. Lead Neurotoxicity. In *Clinical Neurotoxicology--syndromes, substances, environments*. Elsevier, 2009.

Job related Honors/Awards/Special Accomplishments

Robert Wood Johnson Health Policy Fellowship Semifinalists, February 5, 2008.

National Cancer Institute Epidemiology and Biostatistics Fellowship July 1, 1993 - October 10, 1995.

United States Public Health Service Epidemiology Training Fellowship - July 1, 1991 - June 30, 1993.

New York State Department of Health - Certificate of Achievement - Successful completion of the Management Development Fellowship Program, July 27, 1989.

National Research Service Award - Molecular Endocrinology, January 1984.

Recent Posters:

Figgs LW, Price JD. Myb-DNA binding inhibited by herbicides *in vitro*. *American Association for Cancer Research 94st Annual Meeting*, Toronto, Ontario, April 4-9, 2003. (Venue changed to June 11-14, Washington, DC due to Ontario SARS alert.)

Figgs LW, Brinton L, Hoover R, Humphrey HEB, Lesho P, Blair AE. Female Breast Cancer and Benign Breast Disease Risk Following Moderate to Severe Teenage Acne: A preliminary study. *American Association for Cancer Research 92st Annual Meeting*, New Orleans, LA, March 24-28, 2001.

Figgs LW, Zahm SH, Rothman N, Blair AE, Binton L, Seiber S, Henderson A, Humphrey HEB, Hoover RN. Breast cancer and benign breast disease risk among women exposed to polybrominated biphenyls. *American Association for Cancer Research 91st Annual Meeting*, San Francisco, CA, April 1-5, 2000.

Recent Public Speaking:

Epidemiology:

Figgs LW. Environmental Cancer Risk Factors. Southern Kentucky Area Health Education Center's "AHEC Summer Conference." June 6, 2008, Mt. Vernon, KY 40456

Figgs LW, Page, JD. Myb-DNA binding inhibited by herbicides in-vitro. 94th Annual Meeting of the American Association for Cancer Research, Washington, DC., June 11-14, 2003.

Figgs, LW. The Strategic Assessment of the St. Louis Region, 4th Edition: A consideration of the mortality statistics. East West Gateway Coordinating Committee. St. Louis,

MO. November, 2002.

Public Health

Figgs LW. Providing a Public Health Safety Net. St. Louis University. (Panelist)
May, 2003.

Figgs LW. The Strategic Assessment of the St. Louis Region, 4th Edition. (Panelist)
November, 2002.

Memberships/Professional Societies/Service

Memberships

American Association for Cancer Research (1997-Present)
American Association for the Advancement of Science (1995- 2000)
American Public Health Association (1987-1997)
New York Academy of Science (1996- 1998)

Service

Journal peer reviewer:

Cancer Detection and Prevention (Herbert E. Nieburgs, MD, Editor - 508-856-1823)
Medical Care (Mary Fran Crowley, Managing Editor -317-630-7255).
Journal of Gerontology (Fredric Wolinsky, Editor - 314-977-8115)
American Journal of Epidemiology (Moyses Szklo, Editor - 410-223-1600)
American Journal of Public Health (Mary Northridge, Editor - 202-777-2742)

Book Review

Figgs, LW. "Book Reviews" Rev. of Risk, by Deborah Lupton. *Social Science in Medicine* 2001;
52:401.

Grant Peer Review Panels

Occupational Health & Safety Research - Council	ZOH1 PXJ 51	12/15/05
Occupational Health & Safety Research - Council	ZOH1 PXJ 51	11/10/05
Occupational Health & Safety Research - Council	ZOH1 SOB 03	11/02/05
CDC, Special Emphasis Panel –Community Health Strategies for Fetal Alcohol Syndrome.	ZCD1 PXJ 01 R,	8/03/05
Occupational Health & Safety Research - Council	ZOH1 PXJ 03	4/29/05
Occupational Health & Safety Research - Council	ZOH1 PXJ 50	3/10/05
Occupational Health & Safety Research - Council	ZOH1 PXJ 02	3/10/05
Centers for Disease Control & Prevention - SIP	DP06-003	6/26/06

Community Service:

Lexington-Fayette Co. Health Depart. Toxic Gas Release Disaster Preparedness
Exercise 2007
Lexington-Fayette Co. Health Depart. Green Acres Community Association
Meeting 2008 – Present
Lexington-Fayette Co. Health Depart. Drive-Thru Flu Clinic 2008 – Present

LW Figgs

09/08/09

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Consultancy:

Astrocytoma etiology. Carey & Danis, L.L.C. 8235 Forsyth, Suite 1100
Clayton, MO 63105

2006

Lexington-Fayette County Health Depart, 650 Newtown Pike,
Lexington, KY. 40508

2006

Quality of Life | It Matters to All of Us. Region Wise. St. Louis Regional Development.
1111 Olive Street, St. Louis, MO 63101-1951

2004

Manganese exposure from welding. Cassidy, Schade, & Gloor Attorneys at Law 20 North
Wacker Drive , Suite 1040,
Chicago, IL 60606-2903

2001

Schenectady County Municipal Health Service Plan.
Schenectady County, New York.

1989

Current Contract

Contract Title: **Public Health Consultant.**

Lexington Fayette County Health Department

\$157,500 1/01/2008-Present

Current Grants as Principal Investigator

Grant title: ***Kentucky Regional Lead Screening Consortium: A Multi-county Approach to
Blood-Lead Poisoning Risk Reduction in Kentucky's Pediatric Medicaid Population.***

U.S. E.P.A. RFP # EPA-OPPT-06-19

\$100,000 10/1/07-9/30/08

Grant title: ***Regional CLOUT: Consortium for Leadership, Outreach, and Training.***

U.S. E.P.A. RFP # EPA-OPPT-2006-0648

\$249,750 10/1/07-9/30/08

Current Grants as Co-Investigator

Grant title: **Paducah Gaseous Diffusion Plant Workers Health Study.**

N.I.O.S.H

\$72,808 09/17/07-9/30/09

Grant Title: ***Environmental Justice***

Funding No.: EPA-OECA-OEJ-08-01

\$30,000 10/1/08 – 10/30/09

Pending Grants and Contracts

Grant Title: ***Evaluating the Interaction of Childhood Development Milestones on
Environmental Hazard Exposure Risk Among Children 0 to 10 Years Old.***

Agency: Environmental Protection Agency

\$1,243,704 (3 yrs)

Role : Principal Investigator

Grant Title: ***Communities Building Public Health Environmental Research Strategies through
Trust***

Agency: National Institutes of Health

\$911,447 (2 yrs)

LW Figgs
09/08/09
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Role: Principal Investigator

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Grant Title: *Community-Based Environmental Health Alliance for Middle School Teachers and Students*

Agency: National Institutes of Health \$875,749 (2 yrs)
Role: Co-investigator

Past Grants and Contracts

Contract title: *Lymphocyte alterations in pesticide applicators exposed to 2,4-dichlorophenoxyacetic acid*
Westat Corp, Rockville, MD - Principal Investigator \$20,000 3/01/97-2/29/98

Grant title: *Lymphocyte Replicative Index Following Exposure to the Herbicide 2,4-Dichlorophenoxyacetic acid.*
Beaumont Award. St Louis University - Principal Investigator \$ 4,861 4/20/98

Contract title: *Lymphocyte Replicative Index Following Exposure to the Herbicide 2,4-Dichlorophenoxyacetic acid.*
Westat Corp, Rockville, MD - Principal Investigator \$ 7,030 8/10/98

Grant title: Special Interested Project of the Saint Louis University School of Public Health Prevention Center: *Behavioral Risk Factor Surveillance System Uses and Usefulness*
HHS/CDC, Atlanta GA \$105,908 10/1/97-9/30/98

Grant title: Special Interested Project of the Saint Louis University School of Public Health Prevention Center: *Behavioral Risk Factor Surveillance System Prevention Center Network*
HHS/CDC, Atlanta GA \$5,000 10/1/96-9/30/97