

# CURRICULUM VITAE

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<b>Citizenship:</b>	USA		

## EDUCATION AND TRAINING

### Undergraduate

1965-1969	Bethany College Bethany, West Virginia	BS Biology
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### Graduate

1969-1970	University of Pittsburgh Pittsburgh, Pennsylvania	MPH Epidemiology
1971-1975	University of Pittsburgh Pittsburgh, Pennsylvania	DrPH Epidemiology

## APPOINTMENTS AND POSITIONS

### Academic

1971-1972	University of Illinois Medical Center Chicago, Illinois	Research Assistant Department of Preventive Medicine
1972-1975	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Teaching Fellow Department of Epidemiology
1976-1978	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Instructor Department of Epidemiology

1978-1990	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Assistant Professor Department of Epidemiology
1983-1990	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Assistant Director Center for Environmental Epidemiology
1990-2002	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Associate Professor Department of Epidemiology
1997-2008	School of Health and Rehabilitation Science University of Pittsburgh Pittsburgh, Pennsylvania	Associate Professor Department of Communication Science and Disorders
4/2002 - Present	Graduate School of Public Health University of Pittsburgh Pittsburgh, Pennsylvania	Professor, with Tenure Epidemiology

**Non-Academic**

1973-1975	Allegheny County Coroner's Office Pittsburgh, Pennsylvania	Deputy Coroner
1975-1977	National Cancer Institute Pittsburgh, Pennsylvania	Planning Grant Community Organizer Epidemiologist Control Program in the Greater Pittsburgh Area
1978-1982	Allegheny County Coroner's Office Pittsburgh, Pennsylvania	Deputy Coroner

**MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

1980	Member, Society for Epidemiology Research
1985 - Present	Member, American Heart Association, Epidemiology Council
1989 - 1993	Secretary-Treasurer, International Society for Environmental Epidemiology
1989 - Present	Member, International Society for Environmental Epidemiology
1991	Epidemiologist and Consultant, National Highway Association, Washington, DC
1992 - Present	Member, Pittsburgh Cancer Institute, University of Pittsburgh Medical Center
1992 - Present	Working Group Member, American Speech and Hearing Association, Washington, DC
1993 - Present	Member, International Committee on the Biological Effects of Noise (ICBEN)
2000 - Present	Executive Committee, Delta Omega

2001 - Present	Fellow, American Heart Association, Council on Epidemiology and Prevention
2003 - 2004	President, Delta Omega
2006	Member, American Public Health Association
2006	President Elect, Environmental Section, Pennsylvania Public Health Association
2007 - Present	Member, Androgen Excess - PCOS Society
2007 - Present	Member, Endocrine Society

### HONORS AND AWARDS

1970 - 1972	US Public Health Service Training Grant Awarding Association
1984 - 1987	Special Emphasis Research Career Award, Centers for Disease Control, National Institutes of Health
1988 - Present	Delta Omega, Omicron Chapter, Honorary, Public Health Society
1992 - 1994	ISEE
1998 - Present	Fellow, American Heart Association, Epidemiology Council
2004	Innovation in Health Research Award, Allegheny County Medical Society
2013	Nominated for the John Goldsmith Environmental Epidemiology Research Integrity Award

### PUBLICATIONS

#### Peer-Reviewed Publications

1. **Talbott E**, Kuller LH, Detre K, Perper J. Biologic and psychosocial risk factors of sudden death from coronary disease in white women. *The American journal of cardiology*. 1977; 39(6):858-64. PubMed [journal] PMID: 871112
2. LaPorte RE, **Talbott EE**. Effects of low levels of lead exposure on cognitive function--a review. *Arch Environ Health*. 1978 Sep-Oct;33(5):236-9. PMID: 708117
3. **Talbott EE**, Marino LB, Mueller DP. The evaluation of postmastectomy morbidity: a review of the literature. *Prev Med*. 1979 May;8(3):429-40. PMID:382180
4. Cottington EM, Matthews KA, **Talbott E**, Kuller LH. Environmental events preceding sudden death in women. *Psychosomatic medicine*. 1980; 42(6):567-74. PubMed [journal] PMID: 7465742
5. Burgess RA, Tallbott EO. Lead exposure problem (Letter). *Chemical and Engineering News* 1980; **58**(35): 3.
6. Kuller LH, **Talbott E**, Perper JA. Sudden and unexpected deaths among women: possible precipitating events. *Critical care medicine*. 1981; 9(5):411-2. PubMed [journal] PMID: 7214977

7. **Talbott E**, Kuller LH, Perper J, Murphy PA. Sudden unexpected death in women: biologic and psychosocial origins. *American journal of epidemiology*. 1981; 114(5):671-82. PubMed [journal] PMID: 7304596
8. **Talbott EO**, Burgess RA, Murphy PA, Kuller LH. Blood lead levels among high-risk children, Detroit, Michigan. *American journal of public health*. 1982; 72(11):1288-90. PubMed [journal] PMID: 7125034, PMCID: PMC1650422
9. **Talbott E**, Kuller LH, Murphy PA. The epidemiology of sudden coronary death. *Journal of the South Carolina Medical Association (1975)*. 1983; 79(10):574-86. PubMed [journal] PMID: 6606078
10. Helmkamp JC, **Talbott EO**, Marsh GM. Whole body vibration--a critical review. *American Industrial Hygiene Association journal*. 1984; 45(3):162-7. PubMed [journal] PMID: 6326560
11. Helmkamp JC, **Talbott EO**, Margolis H. Occupational noise exposure and hearing loss characteristics of a blue-collar population. *Journal of occupational medicine, official publication of the Industrial Medical Association*. 1984; 26(12):885-91. PubMed [journal] PMID: 6512611
12. **Talbott E**, Helmkamp J, Matthews K, Kuller L, Cottington E, Redmond G. Occupational noise exposure, noise-induced hearing loss, and the epidemiology of high blood pressure. *American journal of epidemiology*. 1985; 121(4):501-14. PubMed [journal] PMID: 3874543
13. Cottington EM, Matthews KA, **Talbott E**, Kuller LH. Occupational stress, suppressed anger, and hypertension. *Psychosomatic medicine*. 1986; 48(3-4):249-60. PubMed [journal] PMID: 3704088
14. Hodgson MJ, **Talbott E**, Helmkamp JC, Kuller LH. Diabetes, noise exposure, and hearing loss. *Journal of occupational medicine, official publication of the Industrial Medical Association*. 1987; 29(7):576-9. PubMed [journal] PMID: 3612333
15. Kuller LH, **Talbott EO**, Robinson C. Environmental and psychosocial determinants of sudden death. *Circulation*. 1987; 76(1 Pt 2):1177-85. PubMed [journal] PMID: 3297402
16. Lange JH, **Talbott EO**, Baffone KM, Weyel DA, Soboslay EG, Koros AM, Sykora JL. Antitumor cancer activities of selenium. *Medical hypotheses*. 1987; 23(4):443-7. PubMed [journal] PMID: 3657623
17. Ahmed O, Orchard TJ, Sharma R, **Talbott E**, Kuller LH. Declining mortality from stroke in Allegheny County. *Stroke*. 1988; 19:181-184.
18. Matthews KA, Cottington EM, **Talbott E**, Kuller LH, Siegel JM. Stressful work conditions and diastolic blood pressure among blue collar factory workers. *American journal of epidemiology*. 1987; 126(2):280-91. PubMed [journal] PMID: 3605056
19. **Talbott EO**, Kuller LH, Detre K, Matthews K, Norman S, Kelsey SF, Belle S. Reproductive history of women dying of sudden cardiac death: a case-control study. *International journal of epidemiology*. 1989; 18(3):589-94. PubMed [journal] PMID: 2807661

20. Virji SK, **Talbott EO**. The relationship between occupational classification and low birth weight in a national sample of white married mothers. *International archives of occupational and environmental health*. 1990; 62(5):351-6. PubMed [journal] PMID: 2228254
21. Findlay RC, **Talbott E**, Lenkner LA. Audiometric and hearing handicap characteristics of retired blue collar workers. *J Ear Hear*. 1990;
22. **Talbott EO**, Findlay RC, Kuller LH, Lenkner LA, Matthews KA, Day RD, Ishii EK. Noise-induced hearing loss: a possible marker for high blood pressure in older noise-exposed populations. *Journal of occupational medicine, official publication of the Industrial Medical Association*. 1990; 32(8):690-7. PubMed [journal] PMID: 2401923
23. Marsh GM, Callahan C, Pavlock D, Leviton LC, **Talbott EO**, Hemstreet G. A protocol for bladder cancer screening and medical surveillance among high-risk groups: the Drake Health Registry experience. *Journal of occupational medicine, official publication of the Industrial Medical Association*. 1990; 32(9):881-6. PubMed [journal] PMID: 2074513
24. Norman SA, Berlin JA, **Talbott EO**. Protective effects of cervical screening. *Journal of clinical epidemiology*. 1991; 44(4-5):457-8. PubMed [journal] PMID: 2010790
25. Marsh GM, Leviton LC, **Talbott EO**, Callahan C, Pavlock D, Hemstreet G, Logue JN, Fox J, Schulte P. Drake Chemical Workers' Health Registry Study: I. Notification and medical surveillance of a group of workers at high risk of developing bladder cancer. *American journal of industrial medicine*. 1991; 19(3):291-301. PubMed [journal] PMID: 2008919
26. Norman SA, **Talbott EO**, Kuller LH, Stolley PD, Dunn MS, Baffone K, Klionsky B, Weinberg GB. The relationship of Papanicolaou testing and contacts with the medical care system to stage at diagnosis of cervical cancer. *Archives of internal medicine*. 1991; 151(1):58-64. PubMed [journal] PMID: 1985610
27. Leviton LC, Marsh GM, **Talbott E**, Pavlock D, Callahan C. Drake Chemical Workers' Health Registry: coping with community tension over toxic exposures. *American journal of public health*. 1991; 81(6):689-93. PubMed [journal] PMID: 2029036, PMCID: PMC1405140
28. Norman SA, **Talbott EO**, Kuller LH, Krampe BR, Stolley PD. Demographic, psychosocial, and medical correlates of Pap testing: a literature review. *American journal of preventive medicine*. 1991; 7(4):219-26. PubMed [journal] PMID: 1756058
29. Day R, **Talbott EO**, Marsh GM, Case BW. A comparative ecological study of selected cancers in Kanawha County, West Virginia. *American journal of industrial medicine*. 1992; 21(2):235-51. PubMed [journal] PMID: 1536157
30. Ishii EK, **Talbott EO**, Findlay RC, D'Antonio JA, Kuller LH. Is NIDDM a risk factor for noise-induced hearing loss in an occupationally noise exposed cohort? *The Science of the total environment*. 1992; 127(1-2):155-65. PubMed [journal] PMID: 1480953

31. **Talbott EO**, Day RD, Marsh GM, Haile-Cattledge GT, McKenna M, Case BW. Trends in cancer mortality in Kanawha County, West Virginia, 1950-1984. *The Science of the total environment*. 1992; 127(1-2):139-54. PubMed [journal] PMID: 1480952
32. Leviton LC, Chen HT, Marsh GM, **Talbott EO**. Evaluation issues in the Drake Chemical Workers Notification and Health Registry Study. *American journal of industrial medicine*. 1993; 23(1):197-204. PubMed [journal] PMID: 8422051
33. **Talbott EO**, Norman SA, Baffone KM, Kuller LH, Ishii EK, Krampe BR, Dunn MS. Selection of neighborhood controls for a study of factors related to the diagnosis of cervical cancer. *Journal of clinical epidemiology*. 1993; 46(11):1277-87. PubMed [journal] PMID: 8229105
34. Berga S, Clerici A, Talbott E, Guzick D, Newman A, Cioletti M, Kuller L, Detre K. Does Coronary Heart-Disease Risk In Women With Polycystic-Ovary-Syndrome (Pco) Decline With Age. *American Journal of Epidemiology*, 1994. **139**(11): p. S15-S15
35. **Talbott EO**, Norman SA, Kuller LH, Ishii EK, Baffone KM, Dunn MS, Krampe BR, Weinberg, GB. Refining preventive strategies for invasive cervical cancer: A population-based case-control study. *Journal of Women's Health*. 1995 April 25; 4(4):387-395.
36. **Talbott E**, Guzick D, Clerici A, Berga S, Detre K, Weimer K, Kuller L. Coronary heart disease risk factors in women with polycystic ovary syndrome. *Arteriosclerosis, thrombosis, and vascular biology*. 1995; 15(7):821-6. PubMed [journal] PMID: 7600112
37. Guzick DS, **Talbott EO**, Sutton-Tyrrell K, Herzog HC, Kuller LH, Wolfson SK Jr. Carotid atherosclerosis in women with polycystic ovary syndrome: initial results from a case-control study. *American journal of obstetrics and gynecology*. 1996; 174(4):1224-9; discussion 1229-32. PubMed [journal] PMID: 8623850
38. Massoudi BL, **Talbott EO**, Day RD, Swerdlow SH, Marsh GM, Kuller LH. A case-control study of hematopoietic and lymphoid neoplasms: the role of work in the chemical industry. *American journal of industrial medicine*. 1997; 31(1):21-7. PubMed [journal] PMID: 8986250
39. **Talbott EO**, Brink LL, Palmer C, Engberg R. Occupational noise exposure, use of hearing protectors and the risk of high blood pressure: The results of a case-control study. *Proceedings of the 25th anniversary of Congress on Noise Control Engineering*. Liverpool, England, July 30-August 2, 1997, pg. 2131-2136.
40. Weimer K, **Talbott EO**, Day RD. Further examination of employment in the chemical industry: follow-up case-control study of hematopoietic and lymphoid neoplasms using a next consecutive death control group. *American journal of industrial medicine*. 1998; 33(1):97-8. PubMed [journal] PMID: 9408535
41. **Talbott EO**, Zborowski JV, Kuller LH. Organochlorine residues and breast cancer. *The New England journal of medicine*. 1998; 338(14):988-9; author reply 991. PubMed [journal] PMID: 9527607

42. **Talbott E**, Clerici A, Berga SL, Kuller L, Guzick D, Detre K, Daniels T, Engberg RA. Adverse lipid and coronary heart disease risk profiles in young women with polycystic ovary syndrome: results of a case-control study. *Journal of clinical epidemiology*. 1998; 51(5):415-22. PubMed [journal] PMID: 9619969
43. Ishii EK, **Talbott EO**. Race/ethnicity differences in the prevalence of noise-induced hearing loss in a group of metal fabricating workers. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 1998; 40(8):661-6. PubMed [journal] PMID: 9729747
44. Dixon BW, Ruben F, McMahon J, Hennon DL, Gibson LL, **Talbott E**, Rycheck Rr, Remsberg KE, Kuller LH, Engberg R. Influenza vaccination status of persons aged 65-79 years – Allegheny County, Pennsylvania. February-March 1997. *MMWR*. 1998 December 25; 47(50):1094-1097.
45. **Talbott E**, Glad JA, Mattison D, Sampson S, Bramowitz E. The feasibility of tracing a population exposed to pesticides in breast milk to create a registry. *Pesticides People and Nature*. 1999; 1(1):53-58.
46. **Talbott EO**, Gibson LB, Burks A, Engberg R, McHugh KP. Evidence for a dose-response relationship between occupational noise and blood pressure. *Archives of environmental health*. 1999; 54(2):71-8. PubMed [journal] PMID:10094283
47. Kim SR, **Talbott EA**, Tull E, Vogt M, Andersen SJ, Kuller LH. Contribution of abnormalities of thyroid hormones to type 2 diabetes. *Diabetes care*. 2000; 23(2):260-1. PubMed [journal] PMID: 10868847
48. Winters SJ, **Talbott E**, Guzick DS, Zborowski J, McHugh KP. Serum testosterone levels decrease in middle age in women with the polycystic ovary syndrome. *Fertility and sterility*. 2000; 73(4):724-9. PubMed [journal] PMID: 10731532
49. Ambroz C, Scott A, Ambroz A, **Talbott EO**. Chronic low back pain assessment using surface electromyography. *Journal of occupational and environmental medicine /American College of Occupational and Environmental Medicine*. 2000; 42(6):660-9. PubMed [journal] PMID: 10874660
50. **Talbott EO**, Youk AO, McHugh KP, Shire JD, Zhang A, Murphy BP, Engberg RA. Mortality among the residents of the Three Mile Island accident area: 1979-1992. *Environmental health perspectives*. 2000; 108(6):545-52. PubMed [journal] PMID: 10856029, PMCID: PMC1638153
51. Loucks TL, **Talbott EO**, McHugh KP, Keelan M, Berga SL, Guzick DS. Do polycystic-appearing ovaries affect the risk of cardiovascular disease among women with polycystic ovary syndrome? *Fertility and sterility*. 2000; 74(3):547-52. PubMed [journal] PMID: 10973653
52. Zborowski JV, Cauley JA, **Talbott EO**, Guzick DS, Winters SJ. Clinical Review 116: Bone mineral density, androgens, and the polycystic ovary: the complex and controversial issue of androgenic influence in female bone. *The Journal of clinical endocrinology and metabolism*. 2000; 85(10):3496-506. PubMed [journal] PMID: 11061489

53. **Talbott EO**, Guzick DS, Sutton-Tyrrell K, McHugh-Pemu KP, Zborowski JV, Remsberg KE, Kuller LH. Evidence for association between polycystic ovary syndrome and premature carotid atherosclerosis in middle-aged women. *Arteriosclerosis, thrombosis, and vascular biology*. 2000; 20(11):2414-21. PubMed [journal] PMID: 11073846
54. **Talbott EO**, Zhang A, Youk AO, McHugh-Pemu KP, Zborowski JV, Wakefield J. Re: "Collision of Evidence and Assumptions: TMI Déjà View" *Environmental health perspectives*. 2000; 108(12):A547-A549. PubMed [journal] PMID: 11133412, PMCID: PMC1240215
55. Zborowski JV, **Talbott EO**, Cauley JA. Polycystic ovary syndrome, androgen excess, and the impact on bone. *Obstetrics and gynecology clinics of North America*. 2001; 28(1):135-51, vii-viii. PubMed [journal] PMID: 11292999
56. **Talbott EO**, Zborowski JV, Sutton-Tyrrell K, McHugh-Pemu KP, Guzick DS. Cardiovascular risk in women with polycystic ovary syndrome (letter). *Obstetrics and gynecology clinics of North America*. 2001; 28(1):111-33, vii. PubMed [journal] PMID: 11292998
57. Brink LL, **Talbott EO**, Burks JA, Palmer CV. Changes over time in audiometric thresholds in a group of automobile stamping and assembly workers with a hearing conservation program. *AIHA journal, a journal for the science of occupational and environmental health and safety*. 2002; 63(4):482-7. PubMed [journal] PMID: 12486782
58. Remsberg KE, **Talbott EO**, Zborowski JV, Evans RW, McHugh-Pemu K. Evidence for competing effects of body mass, hyperinsulinemia, insulin resistance, and androgens on leptin levels among lean, overweight, and obese women with polycystic ovary syndrome. *Fertility and sterility*. 2002; 78(3):479-86. PubMed [journal] PMID: 12215321
59. Kim SR, Tull ES, **Talbott EO**, Vogt MT, Kuller LH. A hypothesis of synergism: the interrelationship of T3 and insulin to disturbances in metabolic homeostasis. *Medical hypotheses*. 2002; 59(6):660-6. PubMed [journal] PMID: 12445506
60. Kim SR, **Talbott EO**, Tull ES, Zborowski JV, Vogt MT, Kuller LH. Assessment of the disturbances in metabolic homeostasis: a hypothesis of synergism. *Medical hypotheses*. 2002; 59(6):655-9. PubMed [journal] PMID: 12445505
61. **Talbott EO**, Youk AO, McHugh-Pemu KP, Zborowski JV. Long-term follow-up of the residents of the Three Mile Island accident area: 1979-1998. *Environmental health perspectives*. 2003; 111(3):341-8. PubMed [journal] PMID: 12611664, PMCID: PMC1241392
62. Lange JH, Mastrangelo G, Thomulka KW, **Talbott EO**. Fireside hypothesis - a comment on confounders. *Medical hypotheses*. 2003; 60(5):775-7. PubMed [journal] PMID: 12710917
63. Zborowski JV, Talbott EO, Cauley JA. Polycystic ovary syndrome, androgen excess, and the impact on bone. *Infertility and Reproductive Medicine Clinics of North America* 2003; **14**(4): 623-38.



64. Zborowski JV, Talbott EO, Cauley JA. Polycystic ovarian disease and serum leptin levels? [7] (multiple letters) (Letter). *Fertility and sterility* 2003; **80**(4): 1068-70.
65. Talbott EO, Zborowski JV, Sutton-Tyrrell K, McHugh-Pemu KP, Guzick DS. Cardiovascular risk in women with polycystic ovary syndrome (Review). *Infertility and Reproductive Medicine Clinics of North America* 2003; **14**(4): 603-22.
66. Lange JH, LaPorte RE, **Talbott EO**, Chang YF. Capture-recapture method: the gold standard for incidence and prevalence. *The New Zealand medical journal*. 2003; 116(1176):U488. PubMed [journal] PMID: 12835813
67. Lange JH, LaPorte RE, **Talbott EO**, Chang YF. Use of the capture-recapture method for determining the prevalence of neurological parasitic diseases. *Neuroepidemiology*. 2004; 23(1-2):99; author reply 99-100. PubMed [journal] PMID: 14739575
68. **Talbott EO**, Zborowskii JV, Boudraux MY. Do women with polycystic ovary syndrome have an increased risk of cardiovascular disease? Review of the evidence. *Minerva ginecologica*. 2004; 56(1):27-39. PubMed [journal] PMID: 14973408
69. Purchase-Helzner EL, Cauley JA, Faulkner KA, Pratt S, Zmuda JM, **Talbott EO**, Hochberg MC, Stone K, Newman A. Hearing sensitivity and the risk of incident falls and fracture in older women: the study of osteoporotic fractures. *Annals of epidemiology*. 2004; 14(5):311-8. PubMed [journal] PMID: 15177269
70. Lange JH, Chang YF, LaPorte RE, **Talbott EO**, Wang M, Mastrangelo G. Finding hazardous waste sites: evaluation using the capture-recapture method. *Bulletin of environmental contamination and toxicology*. 2004; 72(6):1182-6. PubMed [journal] PMID: 15362447
71. Wright CE, Zborowski JV, **Talbott EO**, McHugh-Pemu K, Youk A. Dietary intake, physical activity, and obesity in women with polycystic ovary syndrome. *International journal of obesity and related metabolic disorders, journal of the International Association for the Study of Obesity*. 2004; 28(8):1026-32. PubMed [journal] PMID: 15159768
72. Patel AS, **Talbott EO**, Zborowski JV, Rycheck JA, Dell D, Xu X, Schwerha J. Risk of cancer as a result of community exposure to gasoline vapors. *Archives of environmental health*. 2004; 59(10):497-503. PubMed [journal] PMID: 16425659
73. **Talbott EO**, Zborowski JV, Rager JR, Boudreaux MY, Edmundowicz DA, Guzick DS. Evidence for an association between metabolic cardiovascular syndrome and coronary and aortic calcification among women with polycystic ovary syndrome. *The Journal of clinical endocrinology and metabolism*. 2004; 89(11):5454-61. PubMed [journal] PMID: 15531497
74. **Talbott EO**, Zborowski JV, Boudreaux MY, McHugh-Pemu KP, Sutton-Tyrrell K, Guzick DS. The relationship between C-reactive protein and carotid intima-media wall thickness in middle-aged women with polycystic ovary syndrome. *The Journal of clinical endocrinology and metabolism*. 2004; 89(12):6061-7. PubMed [journal] PMID: 15579759

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76. Soran A, **Talbott EO**, Zborowski JV, Wilson JW. The prevalence of benign breast disease in women with polycystic ovary syndrome: a review of a 12-year follow-up. *International journal of clinical practice.* 2005; 59(7):795-7. PubMed [journal] PMID: 15963207
77. Helzner EP, Cauley JA, Pratt SR, Wisniewski SR, Zmuda JM, **Talbott EO**, de Rekeneire N, Harris TB, Rubin SM, Simonsick EM, Tylavsky FA, Newman AB. Race and sex differences in age-related hearing loss: the Health, Aging and Body Composition Study. *Journal of the American Geriatrics Society.* 2005; 53(12):2119-27. PubMed [journal] PMID: 16398896
78. Helzner EP, Cauley JA, Pratt SR, Wisniewski SR, **Talbott EO**, Zmuda JM, Harris TB, Rubin SM, Taaffe DR, Tylavsky FA, Newman AB. Hearing sensitivity and bone mineral density in older adults: the Health, Aging and Body Composition Study. *Osteoporosis international: a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA.* 2005; 16(12):1675-82. PubMed [journal] PMID: 15883660
79. Arena VC, Mazumdar S, Zborowski JV, **Talbott EO**, He S, Chuang YH, Schwerha JJ. A retrospective investigation of PM10 in ambient air and cardiopulmonary hospital admissions in Allegheny County, Pennsylvania: 1995-2000. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine.* 2006; 48(1):38-47. PubMed [journal] PMID: 16404208
80. Boudreaux MY, **Talbott EO**, Kip KE, Brooks MM, Witchel SF. Risk of T2DM and impaired fasting glucose among PCOS subjects: results of an 8-year follow-up. *Current diabetes reports.* 2006; 6(1):77-83. PubMed [journal] PMID: 16522285
81. Ramos RG, **Talbott EO**, Youk A, Karol MH. Community urbanization and hospitalization of adults for asthma. *Journal of environmental health.* 2006; 68(8):26-32, 44. PubMed [journal] PMID: 16637560
82. Donovan M, Miles TD, Latimer JJ, et al. Association between biomarkers of environmental exposure and increased risk of breast cancer. *Nature reviews Cancer* 2006; 6(8). doi: 10.1038/nrc1755-c1. PMID:26917990
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84. Ismailov RM, Ness RB, Redmond CK, **Talbott EO**, Weiss HB. Trauma associated with cardiac dysrhythmias: results from a large matched case-control study. *The Journal of trauma.* 2007; 62(5):1186-91. PubMed [journal] PMID: 17495723

85. Xu X, **Talbott EO**, Zborowski JV, Rager JR. Cigarette smoking and the risk of adult leukemia: results from the Three Mile Island cohort study. *Archives of environmental & occupational health*. 2007; 62(3):131-7. PubMed [journal] PMID: 18400653
86. Ali R, Wheatner D, **Talbott EO**, Zborowski JV. Connecting environmental health data to people and policy: integrating information and mobilizing communities for environmental public health tracking. *Journal of community health*. 2007; 32(5):357-74. PubMed [journal] PMID: 17922206
87. **Talbott EO**, Zborowski J, Rager J, Stragand JR. Is there an independent effect of polycystic ovary syndrome (PCOS) and menopause on the prevalence of subclinical atherosclerosis in middle aged women? *Vascular health and risk management*. 2008; 4(2):453-62. PubMed [journal] PMID: 18561521, PMCID: PMC2496969
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89. Khalil N, Cauley JA, Wilson JW, **Talbott EO**, Morrow L, Hochberg MC, Hillier TA, Muldoon SB, Cummings SR. Relationship of blood lead levels to incident nonspine fractures and falls in older women: the study of osteoporotic fractures. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*. 2008; 23(9):1417-25. PubMed [journal] PMID: 18410230, PMCID: PMC2683156
90. Xu X, Zborowski JV, Arena VC, Rager J, **Talbott EO**. Case-crossover analysis of air pollution and cardiorespiratory hospitalizations: using routinely collected health and environmental data for tracking: science and data. *Journal of public health management and practice : JPHMP*. 2008; 14(6):569-76. PubMed [journal] PMID: 18849777
91. Khalil N, Morrow LA, Needleman H, **Talbott EO**, Wilson JW, Cauley JA. Association of cumulative lead and neurocognitive function in an occupational cohort. *Neuropsychology*. 2009; 23(1):10-9. PubMed [journal] PMID: 19210029
92. Khalil N, Wilson JW, **Talbott EO**, Morrow LA, Hochberg MC, Hillier TA, Muldoon SB, Cummings SR, Cauley JA. Association of blood lead concentrations with mortality in older women: a prospective cohort study. *Environmental health : a global access science source*. 2009; 8:15. PubMed [journal] PMID: 19344498, PMCID: PMC2670287
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181. Liu SJ, Mair C, Songer TJ, Krans EE, Wahed A, **Talbott E**. Opioid-related hospitalizations in Pennsylvania: A latent class analysis. *Drug Alcohol Depend*. 2019 Sep;202:185-190. doi:10.1016/j.drugalcdep.2019.05.009 PMID: 31352309
182. Angela M. Malek, Vincent C. Arena, Judith R. Rager, Fan Wu, Jeanine Buchanich, **Evelyn O.Talbott**. Use of ALS cases from the ATSDR/CDC National ALS Registry and a population-based control group to investigate ambient air pollution and suspected neurotoxicants as risk factors for ALS. *Neurology*. 2020 Apr;94(15):Supplement 5185.
183. Liu, Stephen, Ma, Zhen-Qiang, Wahed, Abdus, Mair, Christina, Krans, Elizabeth, Songer, Thomas J, **Talbott, Evelyn**. Time to Death in Persons with Opioid Hospitalizations by Hepatitis C and HIV Status in Pennsylvania, 2000-2010. Submitted, *Journal of Addiction*, June 30, 2020.
184. Byrwa-Hill BM, Venkat A, Presto AA, Rager JR, Gentile D, **Talbott E**. Lagged Association of Ambient Outdoor Air Pollutants with Asthma-Related Emergency Department Visits within the Pittsburgh Region. *Int J Environ Res Public Health*. 2020;17(22):8619. Published 2020 Nov 20. doi:10.3390/ijerph17228619. PMID: 33233547.
185. DePerrior S, Rager JR, Gentile D, **Talbott EO**. The Relationship between Pollen, Air Pollution, and Asthma Exacerbations in Children in Allegheny County, Pennsylvania: A Case-Crossover Analysis. *Arch Epidemiol* 5: 148. Published 2021 January 13. DOI: 10.29011/2577-2252.100048.

186. Zhu L, El Khoudary S, Adibi J, Youk A, **Talbott EO**. Investigations of Long-term Exposure to PM2.5 and Subclinical Atherosclerosis in Women: A Review. *International Journal of Research and Public Health* (submitted March 2021, currently under revision.)
187. Sullivan KJ, Ran X, Wu F, Chang CH, Sharma R, Jacobsen E, Berman S, Snitz BE, Sekikawa A, **Talbott EO**, Ganguli M. Ambient fine particulate matter exposure and incident mild cognitive impairment and dementia [published online ahead of print, 2021 Apr 26]. *J Am Geriatr Soc*. 2021;10.1111/jgs.17188. doi:10.1111/jgs.17188. PMID: 33904156.
188. Bear TM, Malek AM, Foulds A, Rager J, Deperrior SE, Vena JE, Larson TC, Mehta P, Horton DK, **Talbott EO**. Recruitment of population-based controls for ALS cases from the National ALS Registry. *Amyotroph Lateral Scler Frontotemporal Degener*. 2021 Apr 16:1-7. doi: 10.1080/21678421.2021.1887262. Epub ahead of print. PMID: 33860698.
189. Trends in Spatiotemporal Exposure to Multiple Air Pollutants and Their Association with Cardiovascular Emergency Room Visits in Allegheny County (Pittsburgh), Pennsylvania in 1999 – 2011. Chunzhe Duan, PhD<sup>1</sup>, Richard A. Bilonick, PhD<sup>2</sup>, Judith R. Rager, MPH<sup>1</sup>, Tao Xue, PhD<sup>1</sup>, **Evelyn Talbott, DrPH**, *Journal of Environmental and Public Health*, submitted June 2021.

### Books, Book Chapters, Monographs

1. **Talbott EO**, Kuller LH, Detre KM, Perper JA, Sudden Deaths Due to Arteriosclerotic Heart Disease: A Study of Women, Chapter 2 of Developments in Cardiovascular Medicine Martinus Nijhoff Publishers, Boston, MA (Kulbertus HE and Wellens HJ, eds.), 1980.
2. **Talbott EO**. Current Status of Maternal and Child Health in the 1970's and 1980's: Epidemiologic Trends Over Time, Chapter 3, Proceedings in Linking Public Health Social Work and Public Social Services for Comprehensive Care for Mothers and Children, sponsored by the University of Pittsburgh, Pittsburgh, PA, Library of Congress Catalogue No. 81-52048, 1981, pp. 26-36.
3. **Talbott E**, Kuller L, Murphy P, Radford E and Traven N. Chapter 13: Problems in Determining Health Effects of a Community Exposed to Toxic Wastes. In Health Effects from Hazardous Waste Sites. Lewis Publishers, Inc., Chelsea, Michigan, Andelman JB and Underhill DW (Editors). 1987, pp 241-262.
4. Strikas R, Cook P, Kuller L, **Talbott E**, Plouffe J, File T, Poggio E, Kidder D, Baughman A, Manoharan A, Hutton E. Case Control Study in Ohio and Pennsylvania on Prevention of Hospitalization by Influenza Vaccination. In: Options for the Control of Influenza II, Elsevier Science Publishers, C. Hannoun, et al (eds), 1993, pp 153-160.
5. **Talbott E**, Thompson S. Health Effects from Environmental Noise Exposure, in Textbook on Environmental Epidemiology (eds. Talbott, Case, Craun), CRC Press, Boca Raton, FL, July 1995.
6. **Talbott EO**, Case BW, Craun G, Editors. Introduction to Environmental Epidemiology, Lewis Publishers, CRC Press, Boca Raton, FL, July 1995.

7. **Talbott E**, Wild R, Remsberg KE, Brink LL. Epidemiology of Polycystic Ovary Syndrome. In: Ness RB, Kuller LH, editors. Health and Disease Among Women: Biological and Environmental Influences. New York, NY: Oxford University Press, 1998.
8. Guzick D, **Talbott E**. Cardiovascular risk in women with PCOS. In: Filicori M, editor. Endocrinology Basis of Reproductive Function. 2000. 227-237.
9. Buchanich JM, **Talbott EO**, YOUk AO, Potter AN, Marshall LP. Comparison of Mortality Rates between Appalachian Coal Mining Counties with Non-Coal Mining. in: Craynon JR, editor Environmental Considerations in Energy Productions Environmental Considerations in Energy Productions: 2013 Apr 14-18; Charleston, WV Englewood, CO: Soc Mining Met & Explor 2013: 189-201.
10. **Talbott EO**, Malek, A.M., Lacomis, D. The Epidemiology of Amyotrophic Lateral Sclerosis. In: Rosano C IG, M, editors. Handbook of Clinical Neurology: Neuroepidemiology: 2016, Elsevier Vol 138 (3<sup>rd</sup> series) p. 225-238.

#### **Published Abstracts/Presentations at Local, State, National and International Meetings**

1. Epidemiology of Sudden Cardiac Death in White Women Aged 25 to 64 in Allegheny County. Society for Epidemiological Research, Albany, NY, June 1975.
2. Epidemiology of Sudden Cardiac Death in White Women Aged 25 64 in Allegheny County, Epidemiology Section of the American Heart Association, New Orleans, LA, February, 1976.
3. **Talbott EO**, Kuller LH, Perper JA, and Murphy P. Coronary Spasm: A Significant Cause of Sudden Cardiac Death? American Heart Association Conference, Miami, FL, November 18 20, 1980.
4. Kuller LH, **Talbott EO**, and Perper JA. Sudden Cardiac Death in a Minimally Occluded Group of Women. Sudden Death Symposium, Key West, FL, April 1980.
5. **Talbott EO**. Epidemiology of Sudden Death from Heart Disease. III National Conference on Emotional Stress and Cardiovascular Disease, American Heart Association, Myrtle Beach, SC, April 30 - May 2, 1982.
6. Lanes S, **Talbott EO**, Radford E. Relationship between Indoor Radon and Lung Cancer: A Case Control Approach. Presented to Society for Epidemiologic Research, 15th. Annual Meeting, June 14 16, 1982.
7. **Talbott EO**. Prevalence of Thyroid Abnormalities in a Community Exposed to Low-Level Radiation, Fourth Annual Symposium on Environmental Epidemiology, Center for Environmental Epidemiology and U.S. EPA, May 2-4, 1983, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.

8. **Talbott EO**, Helmkamp J, Matthews K, Kuller LH: Occupational Noise Exposure and the Epidemiology of High Blood Pressure. Presented at the 105th Annual Meeting of the Acoustical Society of America, Cincinnati, OH, May 9-13, 1983. Published: J Acoustic Soc Am 1983; 73(Suppl 1):56.
9. Radford E, **Talbott EO**. Effects of Elevated Gamma Ray Exposure on the Prevalence of Thyroid Abnormalities in a Community, 7th International Congress on Radiation Research, Amsterdam, Netherlands, July 3-8, 1983.
10. Cottington E, Matthews KA, **Talbott EO**, and Kuller LH. Anxiety, Occupational Stress, and Blood Pressure: Pittsburgh Noise Hypertension Project. Presented at the 16th Annual meeting, Society for Epidemiologic Research, Winnipeg, Canada. July 14, 1983.
11. Cottington E, Matthews KA, **Talbott EO**, Kuller LH. Job Satisfaction and Determinants of High Blood Pressure in a Blue Collar Population. Presented at the American Psychosomatic Association, New York City, March 1983.
12. **Talbott EO**, Helmkamp J, Matthews KA, Kuller LH. Occupational Evidence Linking Noise Exposure as a Risk Factor for Hypertension: Pittsburgh Noise and Hypertension Project. (PA.) American Heart Association 56th. Scientific Sessions, Anaheim, CA, November 14-17, Abstract Circulation, November 1983.
13. Strikas R, Kuller LH, **Talbott EO**, et al.: Case-Control Study in Ohio and Pennsylvania on Prevention of Hospitalization through Flu Immunization, French Society of Microbiology Conference, Paris, France, September, 1992.
14. **Talbott EO**. Occupational Noise Exposure and Noise-Induced Hearing Loss in Metal Assembly Workers in Pittsburgh, Pennsylvania, Presented at the Industrial Epidemiology Forum, Injury Epidemiology and Ergonomics, Cincinnati, Ohio, September 21, 1992.
15. **Talbott E**, Findlay RC, Kuller LH, Ishii EK. Occupational Noise Exposure, Noise Induced Hearing Loss and Blood Pressure Levels in a Group of Noise-Exposed Blue Collar Workers, Chicago, Illinois, 6th International Congress on Noise as a Public Health Problem. Nice, France, July 5-9, 1993.
16. **Talbott E**. Methodological Advances in the Epidemiology of Noise-Induced Hearing Loss: Assessment of Occupational and Non-Occupational Risk. 6th Conference of the International Conference for Environmental Epidemiology. North Carolina, September 18-21, 1994.
17. **Talbott E**, Guzick D, Kuller LH, Tyrrell KS. The Association of PCOS with CHD Risk Factors and Subclinical Atherosclerosis. American Heart Association, Anaheim, California, November 15, 1995.
18. **Talbott EO**, Brink LL, Burks A, Palmer C. Occupational Noise Exposure, Use of Hearing Protectors Over Time and Risk of HBP: Results of Case/Control Study. Internoise, 25th Anniversary World Congress, Liverpool, England. July 30-August 2, 1996.

19. **Talbott E**, Guzick D, Berga S, Kuller L, Engberg R. Is estradiol deficiency a primary predictor of LDLc levels in women with polycystic ovary syndrome? Abstract 1970, presented at the 69th Scientific Sessions, American Heart Association, November 10-13, 1996, New Orleans, LA.
20. **Talbott EO**, Zborowski J, Guzick D, Kuller LH. Differences in Predictors of Serum Lipid Levels in premenopausal women with PCOS and Matched Controls. Society for Epidemiology Research, June 24, Chicago, IL. *Am J Epidemiol* 1998;147(11):S48-190.
21. **Talbott EO**, Zborowski J, Guzick D, Sutton-Tyrrell K, Kuller LH. Women with PCOS have Evidence of Increased Carotid Atherosclerosis Poster presented to the 71st Scientific Session, American Heart Association, November 1998, Dallas, TX.
22. Zborowski JV, Cauley JA, **Talbott EO**, Winters SJ, and Guzick DS. Insulin levels and Bone Mineral Density in Women with Polycystic Ovary Syndrome: A Significant Association with Spinal BMD Independent of Body Mass Index. SER 32nd Annual Meeting, Baltimore, MD, June 10-12, 1999. *Am J Epidemiol*, S27:105.
23. **Talbott E**, McHugh K, Zborowski J, Rycheck J. Contribution of dietary fat intake to breast milk pesticide concentrations in Arkansas women. International Society for Environmental Epidemiology, June 14-16, 2000, Buffalo, NY.
24. **Talbott E**, Youk A, McHugh K, Engberg R. Mortality among residents of the Three Mile Island Accident area: 1979-1995. International Society for Environmental Epidemiology, June 14-16, 2000, Buffalo, NY.
25. Patel A, **Talbott E**, Amin Zhang, McHugh-Pemu K. Cancer Experience of TMI - Radiation Workers, 1979-1995. *Amer. Coll. Occ Med.* 04/2001 San Francisco, CA.
26. **Talbott E**, Mathur TM, Zborowski JV, McHugh-Pemu KP. Evidence for an increased prevalence of early-onset cardiovascular events among women with Polycystic Ovary Syndrome. Poster - The 42nd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, American Heart Association, April 23-26, 2002, Honolulu, Hawaii. P324.
27. Remsberg KE, **Talbott EO**, Dorman JS, Costantino JP, Kuller LH. Early male pattern baldness and risk factors for CVD in brothers of women with Polycystic Ovary Syndrome. Poster - The 42nd Annual Conference on Cardiovascular Disease Epidemiology and Prevention, American Heart Association, April 23-26, 2002, Honolulu, Hawaii. P94
28. **Talbott E**. Increased coronary artery calcification among women with Polycystic Ovary Syndrome: Lack of an association with markers of inflammation and hemostasis. The Endocrine Society, June 20, 2003, Philadelphia, PA.
29. **Talbott E**, Zborowski J, McHugh-Pemu K, Sutton-Tyrrell K. The relationship between carotid intima media wall thickness (IMT) and markers of inflammation and hemostasis in women with polycystic ovary syndrome. 4th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology, May 8-10, 2003, Washington, DC



30. **Talbott EO**, Zborowski JV, McHugh-Pemu K, Edmundowicz D, Guzick DS, Kuller LH. Metabolic cardiovascular syndrome and its relationship to coronary calcification in women with Polycystic Ovarian Syndrome. 3rd International Workshop on Insulin Resistance. Feb 17-19, 2003, New Orleans, LA
31. Soran A, **Talbott E**, Zborowski J, Wilson J. Does PCOS Affect Surgeon's Decision to Remove Benign Breast Disease? A Review of Ongoing Prospective Study. Proceedings of the American Society of Breast Surgeons, 5th Annual Meeting, Vol V, March 31-April 4, 2004, Las Vegas, NV.
32. Arena VC, Zborowski J, **Talbott EO**, Mazumdar S, He S, Schwerha JJ. PM10 in Ambient Air and Cardiopulmonary Hospital Admissions in Allegheny County, Pennsylvania: 1995-2000: A Retrospective Investigation of Health Risks. [abstract]. 2004 Aug 1-4 ; New York City, NY.
33. Xu X, **Talbott EO**, Zborowski J, Arena VC, Rager J. Case-crossover analysis of air pollution and cardiorespiratory hospitalizations: Assessing a reduction of health risk associated with a removal of a key source of air pollution. [abstract]. 2008 Oct 25-29, San Diego, CA.
34. Sharma RK, **Talbott EO**, Marsh GM, Brink L, Zborowski J. Spatial Data Analytic Tools for Linking Environmental Surveillance Data to Health Outcomes: Application to Data from a Local Health Department [abstract].
35. Connell DP, Bilonick RA, **Talbott EO**, Rager JR. The Pittsburgh aerosol research and inhalation epidemiology study (PARIES): A retrospective evaluation of fine particulate matter, its chemical components, and human health in Southwestern Pennsylvania (Conference Paper). 29th Annual International Pittsburgh Coal Conference 2012 2012.
36. **Talbott E**, Brink LL, Buchanich JM, Sharma R, Stacy S. Socio-demographic and Personal Risk Determinants of Cardiovascular and Circulatory Hospitalization Rates in Coal Mining and Non Coal Mining Communities in West Virginia. Presented at: Geological Society of America Southeast Section; 2014 Apr 10-11; Blacksburg, VA.
37. Allegheny County Health Department, Air Pollution Advisory Board Presentation: "Results of Cardiovascular Outcomes and Fine Particulate Matter Investigation."
38. Duan C, Broadwin R, **Talbott EO**, Brooks MM, Matthews KA and Barinas-Mitchelle E. Abstract P067: Early Exposure to PM<sub>2.5</sub> and Ozone During the Menopausal Transition as Predictor of Subclinical Atherosclerosis in Late Midlife Women: the Study of Women's Health Across the Nation (SWAN). *Circulation*. 2017;135:AP067, originally published March 7, 2017 [poster presentation]
39. Duan C, **Talbott EO**, Brooks MM, Broadwin R, Matthews K and Barinas-Mitchelle E. 2016. Exposure to PM<sub>2.5</sub> and Ozone and Progression of Subclinical Atherosclerosis among Women Transitioning through Menopause. In: Abstracts of the 2016I Epidemiology (ISEE). Abstract [O-091]. Research Triangle Park, NC : Environmental Health Perspectives; <http://dx.doi.org/10.1289/ehp.isee2016>. [oral Presentation]

40. **Talbott EO**, Bilonick R, Rager J. Fine Particulate PM<sub>2.5</sub> Air Pollution and Respiratory Mortality in Allegheny County, PA. A&WMA's 110th Annual Conference & Exhibition: Bridging Environment, Energy, and Health, 2017 June 5 – 8. David L Lawrence Convention Center, Pittsburgh, PA. Published abstract/proceedings, 2017 June.
41. Songer T, **Talbott EO**, Ma Z, Mellers M, Rager J, Liu S. Linking Statewide Hospital Admission and Mortality Datasets to Investigate Events after Opioid *Injury Prevention* 2017;**23**:A24. Presented by Dr. Songer at the SAVIR (Society for the Advancement of Violence and Injury Research) Innovations and Injury Prevention Science Conference, University of Michigan Ann Arbor, Sept. 19, 2017. Published 2017 Sept 19.
42. **Talbott EO**, Rager J, Sharma R. PM<sub>2.5</sub> Pollution Levels Presentation to Indonesian scientists as part of GlobalPittsburgh's Air Quality Monitoring Meeting via International Leadership Program, PA Department of State. Presented 12 November 2018.
43. Stacy SL, Buchanich JM, Ma Z, Mair C, Robertson L, Sharma RK, **Talbott EO**, Yuan J. Maternal Obesity, Birth Size, and Risk of Childhood Cancer Development [abstract]. In: American Association for Cancer Research Annual Meeting; 2019 March 29-April 3. *American Journal of Epidemiology*, 20 May 2019.
44. Mellers M, Brooks M, Gary-Webb T, Mendez D, **Talbott EO**, Fabio A. A Natural Experiment of the Effect of the Opening of a Casino on Neighborhood Violent Crimes [abstract]. In: Society of Prevention Research Annual Meeting; 2019 May 28-31; San Francisco, CA.
45. **Talbott, EO**, et. al. Progress on the study: "Identification and Characterization of Potential Environmental Risk Factors for ALS Using ATSDR ALS Registry Cases and a Control Population." CDC ATSDR ALS Registry Meeting, Atlanta, GA, July 23-24, 2019. Presented 23 July 2019.
46. Bear, T, **Talbott, EO**, et. al. "Identification and Recruitment of Controls for the National ALS Registry Cases." Northeast ALS (NEALS) Consortium, Clearwater, FL, October 4-5 2019. Presented 4 October 2019 by co-investigator Todd Bear.
47. **Talbott EO**, Malek AM, Buchanich JM, Arena VC, Sharma RK "Use of ALS cases from the ATSDR/CDC National ALS Registry and a population based control group to investigate ambient air pollution and suspected neurotoxicants as risk factors for ALS." (American Academy of Neurology, Submitted October 21 2019. Publication delayed due to COVID-19, to be published in the Journal of Neurology in 2020.)
48. Zhu, L, **Talbott, EO**, El Khoudary, S, Youk, A, Adibi, J. "Impact of Air Pollution on Sub-clinical Atherosclerosis Risk among Mid-aged Women with and Without Polycystic Ovarian Syndrome." EPI Lifestyle 2020 Scientific Sessions Conference, Phoenix, AZ, March 3-6 2020. Presented 5 March 2020. (Publication delayed due to COVID-19, to be published in the AHA Journal of Circulation in 2020.)
49. **Talbott, EO**, et. al. "Environmental and Occupational Risk Factors for ALS: A Nested Case Control Study Within the Women's Health Initiative." American Academy of Neurology Annual Conference (Virtual/Online Due to COVID-19), Uploaded May 18 2020.

50. **Talbott, E**, Malek A, Rager J, Wu F, Arena V. "The Use of the National Air Toxics Database to Augment Exposure Assessment in Environmental Epidemiology Investigations: Example of Application to Residential Exposure Assessment in a Case Control Study of ALS." Presented at: 2020 National Ambient Air Monitoring Conference in conjunction with AAPCA and NACAA. August 9-13, 2020; Virtual.
51. DePerrior S, Rager JR, Han Y, Gentile D, Brink L, **Talbott EO**. The Relationship between Pollen, Air Pollution, and Asthma Exacerbations in Children in Allegheny County, Pennsylvania: A Case-Crossover Analysis. Presented at: Advancing Environmental Health in a Changing World, International Society for Environmental Epidemiology, Environmental Health Perspectives; August 24-27, 2020; Virtual.

### Published Proceedings

1. Talbott EO, Murphy P, Kuller LH, and Schmeltz R. Three Approaches to the Determination of Health Effects in a Community Exposed to Low Level Radiation from a Uranium Waste Dump. In Third Annual Proceedings, Published by Lewis Pub., Chelsea, Michigan, June, 1987.
2. Koros A, Lange JH, Talbott EO. Selenium in Drinking Water Can Inhibit Growth of Human Tumor Xenografts in Athymic Nude Mice. Wu B-q, Zheng J (eds): Immune-Deficient Animals in Experimental Medicine 6th Int. Proceedings Workshop on Immune-Deficient Animals, Beijing, 1988; Basel, Karger, 1989, pp 231-235.
3. Talbott EO. Anovulation PCOS and Risk of CVD. Conference Proceedings of Revolutionizing Women's Healthcare: A Consensus Conference. Cancun, Mexico, June 1998; 37-39.
4. Talbott EO, Brink LL, Palmer C, Engberg R. Occupational noise exposure, use of hearing protectors and the risk of high blood pressure: The results of a case-control study. Proceedings of the 25th anniversary of Congress on Noise Control Engineering. Liverpool, England, July 30-August 2, 1997, pg 2131-2136.
5. Talbott EO, Mattison D, Glad J. Pesticides in Arkansas Breast Milk: Proceedings of the US EPA Workshop on Human Milk Contamination and Endocrine Disruption, Washington, DC, August 5-6, 1997, Attachment 4.

### Invited Meetings

1. Talbott EO, Kuller LH, and Murphy P. The Epidemiology of Sudden Cardiac Death in Women: Biologic and Psychosocial Predictors. Third National Conference on Emotional Stress and Cardiovascular Disease, June 2-4, 1982, Myrtle Beach, SC.
2. Talbott EO. Prevalence of Thyroid Abnormalities in a Community Exposed to Low-Level Radiation. Fourth Annual Symposium on Environmental Epidemiology, Center for Environmental

Epidemiology and U.S. EPA, May 2-4, 1983, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.

3. Talbott EO, Enterline P, and Caplan R. Feasibility of Using Mortality Statistics for Surveillance of Counties Involved Heavily in Chemical Industries, Working Paper No. 84-02, October, 1984, Center for Environmental Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.
4. Talbott EO, and Radford E. Health Effects in a Community Exposed to Low Level Radiation, Technical Report 84-9, August, 1984, Center for Environmental Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, PA.
5. Talbott EO. Noise Exposure, Regulation and Hearing Loss. Commentary in Health and Environment Digest, 1994; 8(4):28-29.
6. Talbott EO. Epidemiology of Cardiovascular Disease in Women with PCOS. International Conference on PCOS, Athens, Greece, November 1998.
7. Guzick D, Talbott EO. PCOS: Basic Biology and Clinical Interventions NIEHS/NICHHD sponsored, Raleigh, NC, Sept 2000.
8. Talbott EO. Can the concept of environmental public health tracking work in a real-life setting? JOEM 49; March 2007.
9. Shire J, Talbott E, Marsh G, Shama R. Recent advances and current themes in occupational health and environmental public health surveillance. For the Annual Review of Public Health, 2010.
10. Talbott, EO. Identification and Characterization of Potential Environmental Risk Factors for ALS Using the ATSDR ALS Registry Case and a Control Population. 28th International Symposium on ALS/Motor Neuron Disease, Boston, MA, 2017 December 8-10.
11. Talbott, EO. Progress on the study: "Identification and Characterization of Potential Environmental Risk Factors for ALS Using ATSDR ALS Registry Cases and a Control Population" CDC ATSDR ALS Registry Meeting, Atlanta, GA, August 6-8 2018.
12. Talbott, EO. Requested for membership on the NCI Site Visit of the Occupational and Environmental Epidemiology Branch (OEEB) in Bethesda, MD – June 4-6, 2019 (Did not attend)
13. Talbott EO. R21 ES029734: Building capacity for the Study of Cognition and Risk Factors in Kazakhstan. Presented at the NIH FIC Global Brain Network Meeting, Bethesda, MD, June 25-27, 2019.
14. Talbott, EO, et. al. Progress on the study: "Identification and Characterization of Potential Environmental Risk Factors for ALS Using ATSDR ALS Registry Cases and a Control Population." CDC ATSDR ALS Registry Meeting, Atlanta, GA, July 23-24, 2019.

## Invited Lectureships and Major Seminars Related to Your Research

<b>Date</b>	<b>Title of Presentation</b>	<b>Venue</b>
September 17, 1990	Organizing Meeting for Cervical and Breast Cancer Screening	Northwest Region, Meadville, PA
October 17, 1990	Results of Invasive Cervical Cancer Case-Control Study	PA Academy of Family Physician, Northwest Chapter, Erie, PA
January 7, 1991	Symposium on Cancer	Sponsored by Polyclinical Medical Center, Harrisburg, PA
February 10, 1991	Follow-up of Women with Abnormal Pap Smears and Results of the Case-control Study of Cervical Cancer	Allegheny Chapter of the Pennsylvania Academy of Family Physicians, Pittsburgh, PA
April 3, 1991	Implementing the Recommendations of the Cervical Cancer Case-Control Study	Association of State and Territorial Public Health Laboratory Directors (CDC), Hershey, PA.
April 24, 1991	Case-Control Study of Cervical Cancer in Pennsylvania	Benedum Geriatric Conference for Internal Medicine Residents, Nurse Practitioners, and Faculty, University of Pittsburgh, School of Medicine, Pittsburgh, PA.
May 9, 1991	Implementing the Recommendations of the Cervical Cancer Case-Control Study, Cervical Cancer Screening	University of Pittsburgh, Graduate School of Public Health, and the Department of Obstetrics and Gynecology and Magee-Women's Hospital, Pittsburgh, PA.
June 30, 1991	Recommendations of the Cervical Cancer Task Force and Results of the Pennsylvania Cervical Cancer Study	Pennsylvania Conference of Pennsylvania Academy of Family Physicians Statewide Meeting, Hershey, PA.
February 26, 1996	Occupational Noise Exposure and Hearing Loss	Guest Lecturer - Occupational Biostatistics, 2048. University of Pittsburgh, Graduate School of Public Health, Department of Biostatistics.
February 13, 1997	PCO and the Risk of Heart Disease	Scaife Hall UPMC, Department of Medicine, Endocrinology Grand Rounds
September 1997	Polycystic Ovary Syndrome and the Risk of Heart Disease in Women.	Children's Hospital, Grand Rounds
Fall 1998	CSD2048 Sound & Vibration: Measurement and Management Lecture, OSHA Stand. for Noise & Noise Induced Hearing Loss	Department of Endocrinology Department of Communication Science and Disorders
November 16-18, 1998	Epidemiology of Cardiovascular Disease in Women with PCOS	Conference on PCOS, Athens, Greece.

February 1999	Application of Epidemiologic Principles to Community Health Problems, And Community Trials	Health Promotion Course (Kathy Pushkar, Ph.D.) School of Nursing
January 2001 Feb. 14, 2001.	Risk of CHD in Women with PCOS Allegheny County Childhood Cancer Study,	Endocrinology Grand Rounds, Presentation to Aristech/Ashland/Neville Chemical Community Advisory Panel
March, 2002	Carnegie Science Center Science and Technology Day	GSPH auditorium, "How WE Live=How We die sponsored by the University of Pittsburgh Health Sciences
October 26, 2002	PCOS: Keys to a Healthier You	GSPH and Magee Women's Hospital sponsored symposium in conjunction with the PCOS USA organization
April 6,7 2003	Research Opportunities in Yugoslavia: Presentation on Long term Follow up of Residents of TMI	University of Pittsburgh GSPH and School of Engineering sponsored consortium
April 6, 2004	PCOS Burden of Disease: Cost of Care	Center for Health Equity Research; University. of Pittsburgh School of Medicine
April 8, 2005	The Pittsburgh 2005: Health and Environmental Health Conference	Pittsburgh Cancer Institute & Heinz Endowment
May 8, 2008	"Health Effects from the Environment" Environmental Public Health Tracking: Past, Present and Future - The 2008 Donald A B Lindberg Lecture and Symposium	University of Pittsburgh, Informatics Public Health, Department of Biomedical Informatics, School of Med and GSPH,
October 18, 2007	CDC Environmental Public Health Tracking: Implementation	EOH Seminar
February 25, 2009	Tracking: Success Through Partnerships	Tracks 2009. The Future of Environmental Public Health: CDC National Environmental Public Health Tracking Conference, Washington, DC
June 9, 2009	Systematic Review of CVD in PCOS: Conclusions of the AEPCOS Committee	Androgen Excess & PCOS Society 7 <sup>th</sup> Annual Meeting
September 16, 2011	Results of a Semi-Ecologic Analysis of the Risk Factors for Blood Lead in Kansas Children	CDC EPHT Tracking Workshop, Atlanta, GA
February, 2012	The Epidemiology of Childhood Autism Ambient Air Lead and Childhood Blood Lead Levels	University of Florida Medical School, Department of Community Health and Epidemiology, Invited Guest Lecturer

April 3, 2014	Case-Crossover Analysis of the Impact of Fine Particulate Matter (PM2.5) on Cardiovascular Disease Hospitalizations for Selected EPHT States	CDC, Atlanta, GA, Invited Guest Lecturer
April 10-11, 2014	Use of National Air Toxics Assessment Data to Evaluate Dust and Volatile Organic Exposures in Coal and Non-Coal Mining Communities of West Virginia: A Preliminary Study	The Geological Society of America, Southeastern Section, 2014 Program, Blacksburg, VA
May 7-8, 2014	Using Toxic Release Inventory to Evaluate the Risk of Elevated Blood lead Levels in Children Aged 1-5 in the US	USEPA Conference Arlington, VA
October 20-24, 2014	The Association of Air Toxics Exposure (NATA) and Childhood Autism	American Association for Aerosol Research 33 <sup>rd</sup> Annual Conference Orlando, FL
August 22 <sup>nd</sup> 2015	Case-Control Study of Environmental Risk Factors for Childhood Autism in Southwestern Pennsylvania	Making the Connection: Air Pollution & Autism, Pittsburgh PA
October 19 <sup>th</sup> 2015	The Relationship of Fine Particulate Matter Air Pollution and Cardio-Respiratory Disease In Allegheny County: 1999-2011	The Allegheny County Air Advisory Board, Air Pollution Control Advisory Committee, Pittsburgh, PA
June 16 <sup>th</sup> 2016	Relationship between Air Pollution and Asthma with other Acute Respiratory Hospitalizations/Emergency Department Visits in Pennsylvania	Pennsylvania Department of Health, Pennsylvania Environmental Public Health Tracking (PA EPHT) Program, Harrisburg, PA
January 11 <sup>th</sup> 2018	Is There an Effect of Fine PM Air Pollution Exposure on CVD Inflammatory Biomarkers in the NHANES Population With and Without Metabolic Syndrome?	University of Pittsburgh GSPH, Epidemiology Seminar Series
September 13 <sup>th</sup> , 2019	What is the impact of environmental lead exposure on children's blood lead levels? Results of a CDC linkage project	Duquesne University, 15 <sup>th</sup> Annual Mini-Symposium on Metals in Biological and Chemical Systems, Pittsburgh, PA
October 5 <sup>th</sup> – 6 <sup>th</sup> , 2020	Speaker and chair, "Session about toxins as risk factors for ALS"	ALS Association's Prevent ALS Workshop, Washington, DC (Virtual)

May 13 <sup>th</sup> , 2021	Panelist, "Sorting Out Real and Unreal Health Effects Related to Unconventional Resource Development: How Do Different People Look at the Same Data and Come to Different Conclusions (and What Does It All Mean)?"	2021 Shale Network Workshop (Virtual)
May 28 <sup>th</sup> , 2021	Research Seminar, "Identification and Characterization of Potential Environmental Risk Factors for ALS Using ATSDR ALS Registry Cases and a Control Population" (CDC 1R01TS000272-01)	ALS Consortium, Live Like Lou, ALS Center for Research, University of Pittsburgh School of Medicine (Virtual)

### OTHER SCHOLARLY ACTIVITIES

#### Editorial Board(s)

July 2019	Confirmed as Associate Editor for Epidemiology - Open Journal (EPOJ)
Present	Editor, International Journal of Environmental Research and Public Health
Present	Associate Editor, Archives of Environmental and Occupational Health
Present	Reviewer, Human Reproduction Update

#### Manuscript Reviewer

1990-Present	Reviewer, American Journal of Epidemiology
1989-Present	Associate Editor and Reviewer, Archives of Environmental Health
1983-Present	Reviewer, Environmental Health Perspectives
1987-Present	Reviewer, Journal of Clinical Endocrinology and Metabolism
1997-Present	Reviewer, Human Reproduction
2000-Present	Reviewer, Epidemiology
2002-Present	Reviewer, Environmental Research
2001-Present	Reviewer, European Journal of Occupational and Environmental Health
2002-Present	Reviewer, British Medical Journal
2012-Present	Associate Editor and Reviewer, Journal of Environmental and Public Health
2012-Present	Reviewer, JAMA (Neurology and Psychiatry)
2008-Present	Member, Androgen Excess - PCOS Society
2016-Present	Member, Endocrine Society
2016-Present	Member, Environmental Pollution

### PRESENTATIONS



1. Talbott E. Implementing the Recommendations of the Cervical Cancer Case-Control Study, Cervical Cancer Screening. Presented at: University of Pittsburgh, GSPH and Magee Women's Hospital Department of Ob/Gyn; 1971 May 9; Pittsburgh, PA.
2. Talbott E. Organizing Meeting for Cervical and Breast Cancer Screening. Presented at: Northwest Region; 1990 Sep 17; Meadville, PA.
3. Talbott E. Follow-up of Women with Abnormal Pap Smears and Results of the Case-Control Study of Cervical Cancer. Presented at: PA Academy of Family Physician, Northwest Chapter; 1990 Oct 17; Erie, PA.
4. Talbott E. Results of Invasive Cervical Cancer Case-Control Study. Presented at: PA Academy of Family Physician, Northwest Chapter; 1990 Oct 17; Erie, PA.
5. Talbott E. Symposium on Cancer. Presented at: Polyclinical Medical Center; 1991 Jan 7; Harrisburg, PA.
6. Talbott E. Implementing the Recommendations of the Cervical Case-Control Study. Presented at: Allegheny Chapter of the Pennsylvania Academy of Family Physicians; 1991 Feb 10; Pittsburgh, PA.
7. Talbott E. Case-Control Study of Cervical Cancer in Pennsylvania. Presented at: University of Pittsburgh, Benedum Geriatric Conference for Internal Medicine Residents, Nurse Practitioners, and Faculty; 1991 Apr 24; Pittsburgh, PA.
8. Talbott E. Recommendations of the Cervical Cancer Task Force and Results of the Pennsylvania Cervical Cancer Study. Presented at: Pennsylvania Conference of Pennsylvania Academy of Family Physicians Statewide Meeting; 1991 Jun 30; Hershey, PA.
9. Marsh GM, Leviton LC, Talbott E, Schall LS, Pavlock D, Hemstreet G, Logue J, Fox J, Schulte P. The Drake Chemical Workers Health Registry Study: Notification and Medical Surveillance of a Group of Workers at High Risk of Developing Bladder Cancer. Presented at: 1993 ATSDR International Congress on the Health Effects of Hazardous Waste; 1993 Mar 3-6; Atlanta, GA.
10. Talbott E. Occupational Noise Exposure and Hearing Loss. Presented at: University of Pittsburgh, GSPH, Occupational Biostatistics 2048; 1996 Feb 26; Pittsburgh, PA.
11. Talbott E, Brink LL. Occupational Noise Exposure, Use of Hearing Protection, and Blood Pressure Levels in a Group Metal Stamping Workers: Results of a Case control Study. Presented at: Internoise 96; 1996 Aug 15; Liverpool, England.
12. Talbott E. PCO and the Risk of Heart Disease. Presented at: Department of Medicine, Endocrinology Grand Rounds; 1997 Feb 13; Scaife Hall UPMC, Pittsburgh, PA.
13. Talbott E. Polycystic Ovary Syndrome and the Risk of Heart Disease in Women. Presented at: Children's Hospital Grand Rounds, Department of Endocrinology; 1997 Sep; Pittsburgh, PA.

14. Talbott E. CSD2048 Sound & Vibration: Measurement and Management Lecture, OSHA Stand for Noise & Noise Induced Hearing Loss. Presented at: University of Pittsburgh, Department of Communication Science and Disorders; 1998 Oct; Pittsburgh, PA.
15. Talbott E. Epidemiology of Cardiovascular Disease in Women with PCOS. Presented at: PCOS Conference; 1998 Nov 16-18; Athens, GA.
16. Talbott E. Application of Epidemiologic Principles to Community Health Problems and Community Trials. Presented at: Health Promotion Course; 1999 Feb; University of Pittsburgh School of Nursing.
17. Youk AO, Talbott E. Mortality Among Residents of the Three Mile Island Accident Area: 1979-1995. Presented at: International Society for Environmental Epidemiology Annual Meeting, 2000; Buffalo, NY.
18. Talbott E. Risk of CHD in Women with PCOS. Presented at: Endocrinology Rounds; 2001 Jan; Pittsburgh, PA.
19. Talbott E. Presentation: Allegheny County Childhood Cancer Study. Presented at: Aristech/Ashland/Neville Chemical Community Advisory Panel; 2001 Feb 14; Beaver, PA.
20. Talbott E. How We Live - How We Die. Presented at: Carnegie Science Center Science and Technology Day; 2002 Mar; Carnegie Science Center, Pittsburgh, PA.
21. Talbott E. PCOS: Keys to a Healthier You. Presented at: GSPH and Magee Women's Hospital sponsored symposium in conjunction with the PCOS USA organization; 2002 Oct 26; Magee Women's Hospital, Pittsburgh, PA.
22. Research Opportunities in Yugoslavia: Presentation on Long Term Follow-up of Residents of TMI. Presented at: University of Pittsburgh GSPH and School of Engineering sponsored consortium; 2003 Apr 6-7; University of Pittsburgh, GSPH.
23. Schwerha JJ, Talbott EO, Zborowski JV, Arena VC. Allegheny County Air Pollution Study (ACAPS): A Retrospective Investigation of Cardiopulmonary Outcomes and Exposure to Air Pollutants (1995-2000). Presented at: Presented to Allegheny County Health Department. Advisory Committee - Air Quality Program (ACHD); 2003 May; Pittsburgh, PA.
24. Talbott E. PCOS "Burden of Disease: Cost of Care". Presented at: Center for Health Equity Research, University of Pittsburgh School of Medicine; 2004 Apr 6; Pittsburgh, PA.
25. Arena VC, Zborowski JV, Talbott EO, Mazumdar S, He S, Schwerha JJ. PM10 in Ambient Air and Cardiopulmonary Hospital Admissions in Allegheny County, Pennsylvania: 1995-2000: A Retrospective Investigation of Health Risks. Presented at: The 16th Conference of the International Society for Environmental; 2004 Aug; New York, NY.
26. Talbott E. The Pittsburgh 2005: Health and Environmental Health Conference - Health Effects from the Environment. Presented at: Pittsburgh Cancer Institute, Heinz Endowment; 2005 Apr 28; Pittsburgh, PA.

27. Sharma RK, Xu X, Talbott EO, Zborowski JV, Brink LA. Spatial data analytical tools for linking environmental surveillance data to health outcomes. Environmental Public Health Tracking - Utilizing Information for Environmental Surveillance. Presented at: APHA presentation: Innovations Project; 2006 Nov 6.
28. Brink LL, Talbott E, Zborowski Jv, Wagner MM, Dixon BW. The Use of Electronic Data for Outbreak Detection. Presented at: American Public Health Association; 2006 Nov 15; Boston, MA.
29. Talbott E. CDC Environmental Public Health Tracking: Implementation. Presented at: EOH Seminar; 2007 Oct 18; Pittsburgh, PA.
30. Davis EL, El Khoudary SR, Talbott E, Davis J, Regan LJ. Safety and Efficacy of the Use of Intravesical and Oral Pentosan Polysulfate Sodium for Interstitial Cystitis: A Randomized Double Blind Clinical Trial. Presented at: Western Section American Urological Association 83rd Annual Meeting; 2007 Oct 28-Nov 1; Scottsdale, Arizona, Hyatt Regency at Gainey Ranch.
31. Talbott E. Environmental Public Health Tracking: Past, Present and Future - the 2008 Donald A B Lindberg Lecture and Symposium. Presented at: University of Pittsburgh, Informatics Public Health, Department of Informatics, School of Medicine and GSPH; 2008 May 8; Pittsburgh, PA.
32. Brink LL, Talbott E. Transfer of Data from a Hospital System to a Local Health Department. Presented at: CDC EPHT Tracking Workshop Tracks 2009; 2009 Feb 15; Washington, DC.
33. Talbott E. Tracking: Success Through Partnerships. Presented at: CDC National Environmental Public Health Tracking Conference; 2009 Feb 25; Washington, DC.
34. Systematic Review of CVD in PCOS: Conclusions of the AEPCOS Committee. Presented at: 7th Annual Androgen Excess & PCOS Society Meeting; 2009 Jun 9; Washington, DC.
35. Cipkala-Gaffin J, Barinas-Mitchell E, Talbott E. Psychological Factors And Intima-Media Thickness (IMT) In Polycystic Ovary Syndrome (PCOS). Presented at: 42nd Annual Society for Epidemiologic Research Meeting; 2009 Jun 23-26; Anaheim, CA.
36. Meyer ML, Talbott E, Sutton-Tyrrell K, Rager J, Barinas-Mitchell E. Positive association of adiposity with endothelial function in middle-aged women with Polycystic Ovary Syndrome and controls. Presented at: Poster at the Joint Conference - 50th Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism 2010; 2010 Mar 2-5; San Francisco CA.
37. Brink LL, Talbott E, Sharma R. An Ecological Study of the Potential Association Between Air Lead and Childhood Blood Lead Levels. Presented at: CDC EPHT Tracking Workshop; 2011 Sep 16; Atlanta, GA.
38. Talbott E. The Epidemiology of Childhood Autism. Presented at: Department of Community Health and Epidemiology; 2012 Feb; University of Florida Medical School.

39. Talbott E. Childhood Autism: The Role of the Environment. Presented at: University of Florida School of Public Health; 2012 Feb; Florida.
40. Talbott E, Brink LL, Mertz K, Arena VC, Hao X. Association of Air Pollution and Cerebrovascular Hospitalization from 2006 through 2008 in Wuhan , China. Poster presented at: American Heart Association Stroke Meeting; 2012 Feb 1; New Orleans, LA.
41. Buchanich JM; Talbott, EO. ARIES Area 6 Community Health and Mining. Final Report, Presented to ARIES, May 2012.
42. Xiang H, Talbott E, Mertz K, Brink LL, Arena V, Rager J, Bi Y. Association of Daily Cardiovascular-Related Hospital Admissions with Ambient Air Pollution Levels in Wuhan, China. Poster presented at: International Society for Epidemiology; 2012 Aug 26; Columbia, SC.
43. Talbott E, Brink LL, Sharma R, Marsh G, Wu WC, Rager J, Strosnider H. Ecological Study of the Potential Association Between County-level Air Lead and Childhood Blood Lead Levels. Presented at: International Society of Epidemiology; 2012 Aug 28; Columbia, SC.
44. Talbott E. Interview regarding autism spectrum disorders and need for further research. Presented at: Channel 11 Television Station HealthWatch; 2013 Apr; Pittsburgh, PA.
45. Talbott E. Interview regarding autism spectrum disorders and need for further research. Presented at: CBS Channel 4 with Sally Wiggin; 2013 Apr; Pittsburgh, PA.
46. Talbott E, Marshall LP, Brink LL, Buchanich JM. Population and exposure characteristics of coal mining and non-coal mining counties in West Virginia. Presented at: Proceedings of the Environmental Considerations in Energy Production Symposium; 2013 Apr; West Virginia.
47. Buchanich, JM; Youk, AO; Talbott, EO; Potter, AN; Marshall, LP. ARIES Technical Bulletin No. 2: Mortality Rates in Appalachian Coal Mining Counties. April 2013.
48. Talbott E, Brink L. An Update on Environmental Risk Factors for Childhood Autism. Presented at: Night Talk; 2013 May 1; WPXI Television Station, Pittsburgh.
49. Talbott E. POS & Risk of Heart Disease. Presented at: Endocrine Society Meeting; 2013 Jun 18; San Francisco, CA.
50. Sharma R, Brink LL, Talbott E. Application of Geospatial Statistical Tools to Analysis of Environmental and Health Outcomes Data: Application to Child Blood Levels. Presented at: (ISEE; 2013 Aug; Basel, Switzerland.)
51. Marshall LP, Benson SM, Brink LL. Talbott, EO Adverse Birth Outcomes Associated with Exposure to Ambient Air Pollution in Allegheny County, PA, US. Poster presented at: ISEE; 2013 Aug; Basel, Switzerland.

52. Talbott E, Rager J, Bilonik R, Benson SM, Brink LL. The Relationship of Ambient Fine Particulate Pollution (PM<sub>2.5</sub>) and Cardiovascular Disease Hospitalizations. Presented at: ISEE; 2013 Aug; Basel, Switzerland.
53. Benson SM, Marshall LP, Brink LL. Adverse Birth Outcomes Associated with Exposure to Ambient Air Pollution. Poster presented at: Health Across the Lifespan; 2013 Dec 3; Pittsburgh, PA.
54. Talbott, EO. NIH's Evidence-based Methodology Workshop on Polycystic Ovary Syndrome. Presented at: Natcher Conference Center; 2013 Dec 4; Bethesda, MD. "Cardiovascular risk in Women with Polycystic Ovary Syndrome
55. Talbott E, Brink LL, Buchanich JM, Sharma R, Stacy S. Use of National Air Toxics Assessment Data to Evaluate Dust and Volatile Organic Exposures in Coal and Non Coal Mining Communities of West Virginia: A Preliminary Study. Presented at: Geological Society of America Southeast Section 2014 Apr 10 - 11. Blacksburg, VA.
56. Buchanich JM, \*Balmert L, Youk AO, \*Woolley S, Talbott EO. Disparities in diabetes mellitus mortality rates in coal mining and non-coal mining areas of Appalachia. 2nd Environmental Considerations in Energy Production Conference; 2015 Sep 20 – 23; Pittsburgh, PA.
57. Buchanich JM, \*Balmert L, Youk AO, Woolley S, Talbott E. Mortality in Appalachian Coal Mining and Non-Coal Mining Counties. Presented at: ARIES Annual Investigators' Meeting 2014; 2014 Apr 28-30; Louisville, KY.
58. Buchanich JM, Meacham S, Talbott EO. Comparing Mortality among Coal Mining and Non-Coal Mining Areas of Appalachian West Virginia and Virginia. Presented at: Geological Society of America Southeast Section; 2014 Apr 10-11; Blacksburg, VA.
59. Talbott, EO, Rager, J, Sharma, RK, Arena, VC. American Association for Aerosol Research, 33<sup>rd</sup> Annual Conference, Orlando, Florida, October 20-24, 2014. National Air Toxic Exposure and the Risk of Childhood Autism in southwestern Pennsylvania.
60. Buchanich JM, \*Balmert LC, \*Woolley SM, Youk AO, Talbott EO. Disparities in Diabetes Mellitus Mortality Rates in Coal Mining and Non-Coal Mining Areas of Appalachia. Presented at: APHA 2014 Annual Meeting; 2014 Nov 16-20; New Orleans, LA.
61. Meacham SL, Meisha D, \*Woolley SM, \*Balmert LC, Talbott EO, Buchanich JM, Snyder A. Social determinants of health impacting obesity, diabetes mellitus and death due to injury in West Virginia and Virginia coal counties. 2nd Environmental Considerations in Energy Production Conference, Pittsburgh, PA, 2015 Sept 20-23.
62. Talbott EO, Bilonick R, Rager J. The Relationship of Fine Particulate Matter Air Pollution and Respiratory Mortality in Allegheny County, PA: 1999-2011. Air & Waste Management Association, 110th Annual Conference, Pittsburgh, PA, 2017 June 7.
63. Talbott, EO. Identification and Characterization of Potential Environmental Risk Factors for ALS Using the ATSDR ALS Registry Case and a Control Population. 28th International Symposium on

ALS/Motor Neuron Disease, Boston, MA, 2017 December 8-10.

64. **Talbott EO**, Rager J, Sharma R. PM2.5 Pollution Levels Presentation to Indonesian scientists as part of GlobalPittsburgh's Air Quality Monitoring Meeting via International Leadership Program, PA Department of State. 2018 November 12.
65. **Talbott EO**, "What is the impact of environmental lead exposure on children's blood lead levels? Results of a CDC linkage project." Duquesne University, 15th Annual Mini-Symposium on Metals in Biological and Chemical Systems, Pittsburgh, PA. 2019 September 13.
66. **Talbott EO**. ATSDR National ALS Registry Annual Meeting "Progress on the study: "Identification and Characterization of Potential Environmental Risk Factors for ALS Using ATSDR ALS Registry Cases and a Control Population" (CDC 1R01TS000272-01). Virtual. 2020 Aug. 4-5.

### NON-PRINT MEDIA

1. MSNBC television interview in aftermath of Fukushima nuclear accident concerning radioactive iodine capsules for use in blocking radioactive isotope uptake and my perspective on the seriousness of the accident in comparison to TMI. March 21, 2011
2. Editorial Post-Gazette related to Mortality Mapping of the Pittsburgh Region and Pollution sources.
3. National Public Radio interview on Comparison of Fukushima nuclear accident and its aftermath with that of Three Mile Island from an epidemiological perspective. March 21, 2011.
4. Radio segment for Childhood Autism Study: Environmental and personal lifestyle factors investigation by the University of Pittsburgh. June 6, 2012.
5. Post-Gazette and Tribune Review public service messages related to the Childhood Autism study and participation requirements. June 6, 2011.
6. Sally Wiggins television interview regarding autism study, February 8, 2013
7. NightTalk television interview regarding autism study, February 8, 2013
8. KDKA radio interview regarding autism study, April 16, 2013
9. University Times interview regarding autism study, June 10, 2013
10. TribLive.com news blurb regarding autism study, October 22, 2014
11. WESA 90.5 (NPR Pittsburgh) web article regarding autism study, October 22, 2014
12. Allentown Morning Call (mcall.com) article regarding autism study, October 22, 2014
13. Ellwood City Ledger web article regarding autism study, October 22, 2014

14. Forbes.com interview/article regarding autism study, October 23, 2014
15. Post-Gazette.com interview/article regarding autism study, October 23, 2014
16. WPXI News Online Video regarding autism study, October 24, 2014
17. WBVP/WMBA Radio Interview regarding autism study, October 2014
18. Interview with HealthDay regarding autism study, October 24, 2014
19. Radio interview with public radio program Allegheny Front (WESA/WYEP) regarding multicity air pollution study, November 20, 2018.

## RESEARCH

### Current research support

#### Principal Investigator

Funding Agency: CDC  
 Grant Number: 1R01TS000272-01  
 Title of Grant: Identification and Characterization of Potential Environmental Risk Factors for ALS Using the ATSDR ALS Registry Cases and a Control Population  
 Talbott Role on Grant: PI  
 Years Inclusive: 9/20/2017-9/19/2020; NCE through 9/30/2021.  
 Percent Effort: 30%  
 Total Amount Awarded: \$1,500,000

Funding Agency: The ALS Association  
 Grant Number: 1110  
 Title of Grant: The Role of Ambient Air Pollution and Other Environmental and Occupational Exposures and Risk of ALS: a Nested Case Control Study  
 Role on Grant: PI  
 Years Inclusive: 08/01/2018-07/31/2019; originally extended through February 2020. Renewal submitted May 2020 for additional year of funding (\$100,000)  
 Percent Effort: 5%  
 Total Amount Awarded: \$100,000 (+ \$100,000, May 2020 renewal approved.)

Funding Agency: Pennsylvania Department of Health  
 Grant Number: 4400018535 (Contract #)  
 Title of Grant: Health Effects of Hydraulic Fracking in Southwestern Pennsylvania  
 Role on Grant: Co-PI

Years Inclusive: 06/30/2020-12/31/2022 (2.5 years)  
 Percent Effort: 40%  
 Total Amount Awarded: \$2,900,000

## **Research and Training**

### **a. Grants and Contracts Received**

#### **Principal Investigator**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>
1978-1980	Health Effects of Low-Levels of Radiation	Health Research Science Foundation	\$10,000
1979-1981	Lead Poisoning and the Urban Child	Housing Research Science Foundations	\$50,000
1980-1983	HL-25005-02 Noise and the Epidemiology of High Blood Pressure	NIH	\$160,000
1983-1984	Follow-up of Individuals with Thyroid Disease in Communities Exposed to Low-Level Radiation	Environmental Protection Agency	\$21,000
1984-1987	NIOSH 5-36182 Occupational Noise Exposure and the Epidemiology of High Blood Pressure	National Institute of Occupational Safety and Health	\$100,000
1985-1987	Epidemiology of Invasive Cervical Cancer	PA State Health Department, Division of Cancer Control	\$170,000
1987-1988	Factors Related to the Diagnosis of Invasive Cervical Cancer	PA Department of Health	\$21,228
1988-1990	Noise-Induced Hearing Loss and High Blood Pressure	UAW-Ford National Development and Training Center	\$175,000
1986-1987	A Case Control Study of Invasive Cervical Cancer	PA Department of Health	\$42,849
1989-1991	57923 Implementing the Recommendations of the Cervical Cancer Case-Control Study	PA Department of Health, Cancer Control Program	\$88,426
1989-1990	CR812761 Epidemiologic Study of the Kenova and Ceredo, WV and Catlettsburg, KY, Area	US Environmental Protection Agency	\$30,000
1991-1994	R01HL4464 Risk of CHD in Women with Polycystic Ovary Syndrome	NIH, NHLBI	\$687,000



1990-1992	27413/5514 Allegheny County Vaccine Effectiveness Case-Control Study - Health Immunization Survey to Evaluate the Effectiveness of Influenza Immunization	Center for Disease Control	\$188,271
1994-1996	Feasibility Study: Exposure to Pesticides in Breast Milk and the Risk of Breast Cancer	Hawaii Heptachlor Foundation	\$10,000
1994-1996	Feasibility Study to Conduct a 5-Year Prospective Study of Auditory and Non-Auditory Health Effects of Occupational Noise Exposure	UAW/GM Committee on Health and Safety, Detroit Michigan	\$184,236
1994-2001	Long-Term Follow-up of the Three Mile Island Population (1979-2000)	Three Mile Island Public Health Fund	\$240,000
1996	Long-Term Follow-up of Pennsylvania Vietnam Era Veterans 1979-1992	PA Department of Health	\$40,000
1996-2000	R01HL4464 Coronary Risk Factors in Women with Polycystic Ovary Syndrome	NIH, NHLBI	\$685,000
1998-1999	Phase II – Pesticide Exposure and the Risk of Breast Cancer	Hawaii Heptachlor foundation	\$40,000
2000-2004	R01HL4464 - Phase III - Risk of CHD in Women with Polycystic Ovary Syndrome	NHLBI- NIH	\$1,700,000
2000-2001	Investigation of a Cancer Cluster in Allegheny County (Shalercrest)	PA Department of Health, Cancer Program	\$41,085
2001	Hazle Township Transguch Gasoline Spill–Health Effects Study	Hazle Township	\$27,000
2002-2003	3595334 Hazleton Health Effect Study	City of Hazelton	98,818
2004-2006	1 R03 HD044693-01 Genetics of IR in PCOS: The PPAR Pathway	NIH, NICHD	\$150,000
2004-2006 09/15/2005- 09/14/2011	CHD Risk in Women with PCOS U19EH000103-01 CDC Environmental Tracking and Disease Surveillance	NIH, NHLBI CDC	\$500,000/ year \$600,000
04/01/2010- 06/30/2013	Environmental and Personal Risk Factors for Childhood Autism	Heinz Endowment	\$980,000

09/30/2010-09/29/2013	200-2010-37444: Development of Environmental Exposure Assessment Methods	CDC	\$600,000
09/30/2010-3/20/2014	200-2010-37443: Air Quality and Biomarkers of Cardiovascular Effects	CDC	\$600,000
1/1/2016-7/1/2016	Relationship between Air Pollution and Asthma with other Acute Respiratory Hospitalizations/Emergency Department Visits in Pennsylvania Pennsylvania Department of Health Contract number: 44000011482	PA Department of Health	\$96,000
1/1/2016-12/31/2016	Use of Linked Data to Investigate Opioid-Related Hospitalizations and Mortality in PA	Dean's office, GSPH, University of Pittsburgh.	\$25,000
7/1/2017-12/31/2017	Case-crossover study of the short term effects of ambient air pollution on pediatric asthma Emergency Department visits in Pittsburgh, PA	Heinz Foundation	\$5300
9/20/2017-9/19/2020	Identification and Characterization of Potential Environmental Risk Factors for ALS Using the ATSDR ALS Registry Cases and a Control Population	CDC	\$1,500,000
7/1/2018 – 12/30/2018	Case Crossover Analysis of Pollen and Air Pollution (Allegheny-Singer Research Institute)	Heinz Endowments, E4845	\$10,000

### Co-Principal Investigator

Years Inclusive	Grant and/or Contract Number and Title	Source	Annual Direct Costs
1979-1981	Health Effects of a community exposed to low levels of radiation – Part 1 and II	Environmental Protection Agency (USPEPA)	\$70,000
1985-1991	Health Registry and Epidemiologic Study of Former Drake (Kilsdonk) Chemical Workers	PA State Department of Health	\$170,086

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>
1986-1992	57729, 58328 Health Registry and Epidemiologic Study of Former Drake Chemical Company Workers	PA State Department of Health	\$813,529
1991-1992	DTFH61-91-C00073 Transportation Hearing Disorders & Commercial Drivers	US Highway Administration	
1993-1995	SP 173626 Capacity Building for Core Components of Breast and Cervical Cancer Prevention and Control	Commonwealth of PA Department of Health, Division of Adult Health	\$344,000
1994-1996	Nutrition, Dust Control and Blood Lead Levels	NIEHS/CDC	\$405,808
1995-1998	Randomized Trial on The Clinical Management of Ascus and LSIL of the Uterine Cervix-Clinical Centers	NCI	\$16,869
2000-2003	Epidemiology of Childhood Cancer in Allegheny County	Heinz Endowments	175,000
2001-2003	Allegheny County Air Pollution Study;	Allegheny County Clean Air Fund	\$133,000
2001-2002	Building Environmental Health capacity in Allegheny County	CDC	\$200,00
2000-2003	Epidemiology of Childhood Cancer in Allegheny County	Heinz Endowments	\$175,000
2002-2005	Allegheny County Air Pollution Study;	Allegheny County Clean Air Fund	\$250,259
2004-2006	Feasibility of Conducting a Retrospective Epidemiology Study of Air pollution from PM2.5 from coal fired Power plants in the PGH region	DOE-NETL	\$350,000

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>
2004-2007	Capacity Building grant (ACHD)	CDC	\$97,000 yr
2004-2007	Breast Artery Calcification in PCOS	AHA	\$65,000 yr
2005-2006	No. EPA-G2006-STAR-Q1 Sources, Composition, and Health Effects of Coarse Particulate Matter	EPA	\$407,000
8/2008-2011	PITT-PM: A retrospective epidemiologic study of the health effects of air pollution in the Pittsburgh, PA region	EPRI/ACHD	\$1,200,000 (3 years)
2008-2011	PARIES - Pittsburgh Aerosol Research Inhalation Epidemiology Study	Electric Power Research Institute	\$1.6 million
10/2009-9/2012	020113 - Epidemiology of Polycythemia Vera	PA Department of Health	\$300k
7/2012-6/2014	ARIES – Appalachia Research in Environmental Science	Virginia Tech	\$150,000
8/1/2016 to 7/31/2017	Population Health Assessments and Cancer Screening behavior, August 1, 2016 to July 31, 2017	NCI, 3P30 CA047904-28,	

**Other**

<b>Years Inclusive</b>	<b>Grant and/or Contract Number and Title</b>	<b>Source</b>	<b>Annual Direct Costs</b>
1997-2002	Radiation Health Training Program	US Department of Energy	\$5,000,000
2005-2006	No. EPA-G2006-STAR-Q1 Sources, Composition, and Health Effects of Coarse Particulate Matter	EPA	\$407,000
2018-2020	R21 ES029734-01 Building Capacity for the Study of Cognition and Risk Factors in Kazakhstan (Co-Investigator)	National Institute of Environmental Health Science	\$170,722

**PROFESSIONAL ACTIVITIES**

## Undergraduate/Graduate Courses

Year(s)	Course Number & Title	Role
1978 - 1985	2250, Epidemiology Seminar	Lecturer
1980 - 1985	2250, Epidemiology Seminar	Coordinator
1986 - 1988	Epidemiology Methods, Cause or Death Reporting and Coding	Lecturer
1988 - 1990	Advanced Environmental Epidemiology 2190, Advanced Topics in Epidemiology	Instructor
1990 - 1992	Epidemiology 226, Disease Screening and Detection of Cervical Cancer	Lecturer
1991 - 1992	Forensic Epidemiology, Pathophysiology of Disease Processes in Epidemiology	Co-Instructor
1993 - 2014	2220, Introduction to Environmental Epidemiology	Lecturer
1994 - 2008	2110, Introduction to Epidemiology	Lecturer
1996	Epidemiology of Polycystic Ovary Syndrome: Implications to their Risk of CHP	Lecturer
1996 - 2008	2710, Epidemiology of Women's Health	Lecturer
1997 - Present	School of Nursing: Health Promotion Course Lecture Application of Epidemiologic Principles to Community Health Problems: Community Trials?	Lecturer
1997 - Present	Application of Epidemiologic Principles to Community Health Problems: Community Trials?	Lecturer
1998 - 2008	CSD2048, Sound and Vibration: Measurement and Management	Co-Instructor
1998 - 2011	219, Introduction	Instructor
2000	Clinical Epidemiology and Biostatistics	PBL Facilitator
2000	PCOS and Risk of CHD	Lecturer
2000	CSD2048, Sound and Vibration: Measurement and Management	Co-Instructor

2002 - Present	2220, Environmental Epidemiology	Primary Instructor
2003	Epidemiology 2250, Coronary Calcification in Women with PCOS	Lecturer
2005	EOH 2122, Fate and Transport Class - The uses and misuses of environmental epidemiology data in risk assessment	Lecturer
2005	EPID 2650, Forensic Epidemiology - Sudden Unexplained Death from Environmental Exposures	Lecturer
2005 - 2006	Occupational and Environmental Health Residency Program, Environmental Epidemiology Course	Mentor and Teacher
2006	Epidemiology 2110, Introduction to Epidemiology	Guest Lecturer
2006	EPI 2710, Epidemiology of Women's Healthy Polycystic Ovary Disease	Guest Lecturer
2006 - Present	2110, Introduction to Epidemiology	Secondary Instructor
2007	2110, Epidemiology	Secondary Instructor
2007	EOH 1200, Introduction to Risk Assessment	Lecturer
2007	EOH 2180, Introduction to Risk Sciences	Lecturer
2010	EPIDEM 2721, Research Seminar in Reproductive Epidemiology	Lecturer
2011	EPIDEM 2250, Epidemiology Seminar Series	Lecturer
2011 - 2011	2220, Environmental Epidemiology	
2012	Study of Environmental Risk Factors for Childhood Autism	Guest Lecturer
1/2012 - 6/2012	EPID 2250, Environmental Epidemiology in the 21st Century: New Approaches to Linking Exposure and Disease Outcomes	Instructor
3/2012	2710, Epidemiology of Women's Health	Instructor
5/15/2012 - 8/4/2012	2220, Environmental Epidemiology	Primary Instructor

11/29/2012 - 11/29/2012	2170, Chronic Disease Epidemiology	Guest Instructor	
3/26/2013	2710, Epidemiology of Women's Health	Instructor	
	Epidemiology of Polycystic Ovary Syndrome: Implications to their Risk of CHP	Lecturer	
	2048, Epidemiology of childhood autism: Possible causation mechanisms		
	EOH 2504, Department, Principles of Exposure Assessment Course	Secondary Instructor	
5/14/2014 – 7/30/2014	2220, Environmental Epidemiology	Primary Instructor	
9/3/2015- 12/10/2015	2250, Seminar In Epidemiology	Course director	
1/7/2016-4/21/2016	2250, Seminar In Epidemiology	Course director	
1/7/2016-4/21/2016	2220, Applied Spatial/Community Analysis in Environmental Epidemiology	Primary Instructor	
9/1/2016- 12/8/2016	2250, Seminar In Epidemiology	Course director	Course director
1/5/2017-4/20/2017	2250, Seminar in Epidemiology	Course director	
1/5/2017-4/20/2017	2220, Applied Spatial/Community Analysis in Environmental Epidemiology	Primary Instructor	
9/8/2017-12/8/2017	2250, Seminar In Epidemiology	Course director	
1/11/2018-4/20/2018	2250, Seminar in Epidemiology	Course director	
3/14/2018-4/27/2018	2220, Applied Spatial/Community Analysis in Environmental Epidemiology	Primary Instructor	
8/27/2018 – 12/14/2018	2260, The Epidemiological Basis of Disease Control	Primary Instructor	
9/6/2018 – 12/6/2018	2250, Seminar in Epidemiology	Course director	
3/20/2019 – 4/26/2019	2221, Geospatial Mapping and Spatial Analysis in Epidemiology	Primary Instructor	
8/28/2019 – 12/11/2019	2260, The Epidemiological Basis of Disease Control	Primary Instructor	
1/8/2020 – 4/15/2020	2223, Introduction to Environmental Epidemiology	Primary Instructor	

1/20/2021 – 4/28/2021      2221, Geospatial Mapping and Spatial Analysis in Epidemiology      Primary Instructor

**Continuing Education**

8/28/2012 - 8/28/2012      Sharma R, Brink LL, Talbott E. Application of Geospatial Statistical Tools to Analysis of Environmental and Health Outcomes data: Application to Child Blood Levels. 1.0 hr, International Society for Epidemiology Meeting

**Advisor and Thesis Advisor  
Master's and MS Students (Chronological)**

<b>Year(s)</b>	<b>Student's Name &amp; Degree/Discipline</b>	<b>Advisor's Role</b>	<b>Current Position</b>
1981 MPH	Patricia Murphy Epidemiology of Coronary Spasm and its Relationship to Sudden Death and CHD	Advisor and Thesis Advisor	Epidemiologist, Senior Scientist, U.S.EPA Risk Assessment Division New Jersey
1982 MPH	Lynn Simko The biological determinants of hypertension risk among male hourly workers at two industrial plants	Advisor and Thesis Advisor	Epidemiologist West Penn Hospital Pittsburgh, PA
1985 MPH	Chandra Sharma Coronary heart disease risk factors in Asian migrants	Advisor and Thesis Advisor	
1987 MPH	Fay Rice Social support, hearing impairment, and blood pressure in a population of retired blue collar factory workers	Advisor and Thesis Advisor	
1987 MPH	John H. McWhorter Old Medicine: Historical and Contemporary Perspectives of Native American Medicine	Advisor and Thesis Advisor	Psychiatrist Moundsville, WV
1988 MPH	Bonnie Ritter The Efficacy of Screening for Cervical Cancer: Theory and Practice	Advisor and Thesis Advisor	PA Dept. of Health Harrisburg, PA
1988 MPH	Judy Maurer Validity and Reliability of the Hearing Performance Inventory		



1989 MPH	Janti Widjaja The Epidemiology of Occupational Noise Exposure and Noise Induced Hearing Loss in the Chicago Stamping Plant	Advisor and Thesis Advisor	Director, Health and Welfare Indonesian Government
1990 MPH	Barbara Salthouse An Investigation of Possible Air Pollution Morbidity in the Huntington, West Virginia Area	Advisor and Thesis Advisor	Centers for Diseases Control and Prevention Atlanta, GA
1991 MPH	Kathy Baffone The Pennsylvania Experience: Generating Neighborhood Controls in a Cervical Cancer Study	Advisor and Thesis Advisor	Nurse Coordinator Los Angeles, CA
1993 MPH	Jennifer Gibson An Epidemiological Approach to Evaluating the Risk of CMV Accident in Persons with Hearing Impairment	Advisor and Thesis Advisor	
1994 MPH	LuAnn Brink Occupational Noise Exposure, Use of Hearing Protection and Blood Pressure Levels in a Group of Metal Stamping Workers	Advisor and Thesis Advisor	Research Specialist Univ of Pittsburgh Dept of Epidemiology
1994 MPH	Annette Clerici Does Coronary Heart Disease Risk in Women with Polycystic Ovary Syndrome Decline with Age?	Advisor and Thesis Advisor	Epidemiologist CDC Atlanta, GA
1995 MPH	Karl Weimer The Use of Decedent Controls in an Epidemiological Study of Cancer Risk in the Chemical Industry	Advisor and Thesis Advisor	Manager, Health Outcomes Research Blue Cross/Blue Shield, New Jersey
1995 MPH	Cathy Inman Use of Hearing Protection in Noise Exposed Workers and Risk of Noise Induced Hearing Loss	Advisor and Thesis Advisor	
1996 MPH	JoAnn Glad Pesticide Residues in Breast Cancer Risk	Advisor and Thesis Advisor	Epidemiologist Allegheny County Health Department Pittsburgh, PA

1997 MPH	Janet Johnston Investigation of a Sick Building Syndrome and a Possible Cancer Cluster	Advisor and Thesis Advisor	Epidemiologist Alaska Health Dept.
1999 MPH	Daniella Stricklin Correlation Between Chromosomal Translocations and Somatic Cell Mutations in Chernobyl Radiation Cleanup Workers and Controls	Advisor and Thesis Advisor	NIEHS Post-Doc Fellow
2000 MPH	Tammy Loucks Do Polycystic Appearing Ovaries Affect Cardiovascular Disease Risk in Women with Polycystic Ovary Syndrome (PCOS)?	Advisor and Thesis Advisor	Director, Clinical Res Projects, Dept. B/Gyn, Emory University, School of Medicine Atlanta, GA
2002 MPH	Heena S. Sheth Epidemiology of Interstitial Cystitis in an HMO Population	Advisor and Thesis Advisor	Assistant Professor, Dept. of Medicine University of Pittsburgh Medical Center Pittsburgh, PA
2003 MPH	Catherine Wright Dietary intake and physical activity in women with polycystic ovary syndrome	Advisor and Thesis Advisor	Epidemiologist Nutritional Council Philadelphia, PA
2007 MPH	Angela Malek Quality of life among family members with and without PCOS	Advisor and Thesis Advisor	Univ. of Pittsburgh Doctoral student
2007 MS	Laura McCleary Epidemiology of Bone Mineral Density in women with PCOS	Advisor and Thesis Advisor	Epidemiologist, Food and Drug Administration Bethesda, MD
2014 MPH	Amy DeStefino Wesley Spectrum (ASD Services)	Advisor and Thesis Advisor	PQI Manager Wesley Spectrum Pittsburgh, PA
MPH 2014	Lindsay Hamilton	Advisor and Thesis Advisor	Children's Hospital of Pittsburgh, PA
MPH 2015	Mohan Nagaraja Relationship between Fatigue and Fatigability on Physical Function: A Review of the Literature		

2015-2016 MHS	Chunzhe Duan Marcellus Shale with a Washington and Westmoreland county database considering health effects.	Advisor and Thesis Advisor	2016 Graduate
2015 MPH	Stephen Liu Trends of HIV, suspected injection drug use transmission, and current prevention centers	Advisor and Thesis Advisor	CDC
2016 MS	Junyao Wang Characterization of Silica Content in Gold Mine Dust with Respect to Particle Size	Advisor and Thesis Advisor	2018 Graduate
2016 MPH	Michael Blackman Topic to be named (2017 graduation date)	Advisor and Thesis Advisor	Current student, GSPH, University of Pittsburgh
2016-2017 MPH	Pantila Taweewiyakarn, MD Dengue Eradication Program Evaluation in Indonesia" (April 2017 graduation)	Advisor and Thesis Advisor	June 2017 Graduate
2017 MPH	Benjamin Hampton, MPH The Epidemiology and Prevalence of Clostridium Difficile in a large Community Hospital: Characteristics of Hospital versus community acquired infection	Advisor and Thesis Advisor	June 2017 Graduate
2017 MPH	Noel Britton, MPH Alpha -1 Antitrypsin Deficiency and Pulmonary Diseases	Advisor and Thesis Advisor	December 2017 Graduate
2018 MPH	Brianna Adamcik, MPH Socio-Demographic and Environmental Characteristics of Children Under 18 Years Seen for Asthma Exacerbation in the UPMC Children's Hospital of Pittsburgh Emergency Department from June 1, 2017 – May 31, 2018	Advisor and Thesis Advisor	December 2018 Graduate
2018-2019	Sarah DePerrior, MPH Candidate The Relationship between Pollen, Air Pollution, and Asthma Exacerbations in Children in Allegheny County, PA 2003-2011: A Case-Crossover Analysis	Advisor and Thesis Advisor	December 2019 Graduate

2020-2021 MPH	John (Austin) Maloney III, Fall 2020. Essay Title: "The Contribution of Non-Modifiable and Modifiable Risk Factors for Pancreatic Cancer: A Geospatial Analysis and Literature Review"	Advisor and Master's Committee Chair	April 2021 Graduate
2021-MPH	Kristen Steffes, Essay title still TBD, related to Environmental Exposures and childhood cancer in SW PA	Advisor and Thesis Advisor	Current student, University of Pittsburgh Graduate School of Public Health (expected graduation April 2022)
2021-MPH	Samantha Bayer, Essay title still TBD, related to Hydraulic Fracking and other environmental exposures and childhood cancer Project	Advisor and Thesis Advisor	Current student, University of Pittsburgh Graduate School of Public Health

**Advisor and Thesis Advisor  
Doctoral Students**

<b>Year(s)</b>	<b>Student's Name &amp; Degree/Discipline</b>	<b>Advisor's Role</b>	
1983 PhD	James Helmkamp Occupational Noise Exposure and High Blood Pressure	Advisor and Thesis Advisor	Professor, Department of Community Medicine WV Director, West Virginia University Injury Control Research Center Research
1986 PhD	Patricia Murphy Distribution of Thyroid Abnormalities in Proximity of a Uranium Tailings Site	Advisor and Thesis Advisor	Epidemiologist, Senior Scientist, U.S. Environmental Protection Agency Risk Assessment Division New Jersey
1986 PhD	Saki Virji An Epidemiological Study of Occupational Exposure and Low Birthweight in Infants	Advisor and Thesis Advisor	Owner University Epidemiology Associates Pittsburgh, PA
1994 PhD	Erick K. Ishii	Advisor and Thesis Advisor	The Effectiveness of Prolonged Hearing

	The Effectiveness of Prolonged Hearing Protection: A Study of Hearing Thresholds in a Noise-Exposed Population		Protection: A Study of Hearing Thresholds in a Noise-Exposed Population
1994 PhD	Barbara Salthouse A Case-control Study of Hematopoietic Cancers among Kanawha County Residents	Advisor and Thesis Advisor	Epidemiologist Centers for Diseases Control and Prevention Atlanta, GA
1998 PhD	LuAnn Brink Changes Overtime in Audiometric Hearing Threshold in a Group of Automobile Stamping and Assembly Workers within a Hearing Conservation Program	Advisor and Thesis Advisor	Chief Epidemiologist, Allegheny County Health Department Pittsburgh, PA
2000 PhD	Laura Schall Predicting Levels of Compliance in a Bladder Cancer Screening Program for Occupational Exposed Workers	Advisor and Thesis Advisor	Research Associate Dept. of Biostatistics Univ of Pittsburgh
2001 PhD	Karen Remsberg Brothers of Women with PCOS: Association of Male Pattern Baldness and CHD Risk	Advisor and Thesis Advisor	Assistant Professor, Dept Community Health Lifespan Health Research Center Wright State Univ. Dayton, OH
2001 DrPH	Brian Murphy Retrospective Radiation Exposure Assessment of the Population Surrounding the Former Semipalatinsk Nuclear Test Site	Advisor and Thesis Advisor	Epidemiologist Naval Research Center San Diego, CA
2001 PhD	Danielle Dell Relationships of epidemiology and childhood leukemia: Environmental exposures & genetic susceptibility	Advisor and Thesis Advisor	Epidemiologist Norfolk Navy Research Center Norfolk, VA
2004 PhD	Rosemary Ramos Adults asthma hospitalizations in select counties of PA during 1999-2001	Advisor and Thesis Advisor	PhD Post-Doc Fellow US, EPA (Shared w/EOH)
2005 PhD	Monique Boudreaux C-reactive protein and other inflammatory measures in PCOS	Advisor and Thesis Advisor	Post-Doc Fellow WPIC - UPMC Pittsburgh, PA
2005 DrPH	Priscah Mujuru-Simovi	Advisor and Thesis Advisor	Assistant Professor WVU Medical Center

Relationship of Air Pollution and Hospital Admission in Allegheny County 1995-2000			
2005 PhD	Ami Patel Relationship of subclinical atherosclerosis and occupational noise	Advisor and Thesis Advisor	EIS Officer, CDC Richmond, VA
2006 PhD	Jocelyne Toufic Matur, M.S. Genetics of Insulin Resistance	Advisor and Thesis Advisor	
2007 PhD	Angela Malek Quality of life among family members with and without PCOS	Advisor and Thesis Advisor	Doctoral student
2007 PhD	Xiaohu Xu Linking environmental exposures and health effects using existing data to explore the relationships between environment and chronic disease	Advisor and Thesis Advisor	Assistant Professor, Epidemiology, College of Public Health and Health Professions Gainesville, FL
2008 PhD	Samar El Khoudary Interstitial Cystitis: Effect of intravesical pentosanpolysulfate and the health related quality	Advisor and Thesis Advisor	Assistant Professor Epidemiology, GSPH University of Pittsburgh Pittsburgh, PA
2008 DrPH	Jo Ann Glad Use of emergency room records for the study of asthma exacerbations and environmental triggers	Advisor and Thesis Advisor	Nurse Epidemiologist Jewish Health Foundation Pittsburgh, PA
2009 DrPH	Janet Cipalka Gaffin Influence of quality of life and psychosocial parameters on subclinical atherosclerosis in women with PCOS	Advisor and Thesis Advisor	Nurse Researcher UPMC Shadyside Hospital Pittsburgh, PA
2009 - 2011	Kathy Hoeger K2 Award	Advisor and Thesis Advisor	
2010 PhD	Felicia Wu Achieving healthier home environmental through mold and moisture reduction: Current health risks, public awareness, and policy recommendations	Mentor of K Award	Professor Department of Agricultural Sciences University of Michigan
2010 DrPH	Jeff Shire -Candidate Usage of GIS Tools for Conducting Environmental Public Health Surveillance	Advisor and Thesis Advisor	NIOSH

2011 PhD	Christy Lawson Severe asthma in adults: Differences in risk factors by race	Advisor and Thesis Advisor	Law student Duquesne University Pittsburgh, PA
2011 PhD	Pei Chen Lee PM2.5 air pollution and inflammatory markers in low birth weight infants	Advisor and Thesis Advisor	Assistant professor, Department of Health Care Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan
2011 PhD	Angela Malek The epidemiology of amyotrophic lateral sclerosis	Advisor and Thesis Advisor	Visiting Asst. Professor Medical University of South Carolina Charleston, SC
2011 PhD	Michelle Meyer The relationship of inflammatory markers and coagulation factors in women with PCOS vs. controls	Advisor	Cardiovascular Epi. Postdoctoral Fellow University of North Carolina at Chapel Hill Chapel Hill, NC
PhD	SungHee Lee Polyunsaturated fatty acids and subclinical atherosclerosis	Advisor and Thesis Advisor	University of Michigan School of Public Health Cardiovascular Epi Post Doc (Dr. K Park)
2012	Li-Chuan Tu The performance of biased-coin minimization in multicenter trials	Dissertation Committee Member Biostatistics	
2012 PhD	Oren Berkewitz Epidemiology of Acoustic Neuroma	Advisor and Thesis Advisor	Director of Research Asst. Professor of Medicine Boston Univ. School of Medicine Boston, MA
2013 PhD	Tammy Loucks PCOS and the Risk of Cardiovascular Disease	Advisor and Thesis Advisor	Division of Research Director of Faculty Affairs and Academic Programs Emory University School of Medicine Atlanta, GA
2014 PhD	Amy DeStefino Wesley Spectrum (ASD Services)	Advisor and Thesis Advisor	PQI Manager Wesley Spectrum

			Pittsburgh, PA
2014 PhD	Lynne Marshall Epidemiology of Childhood Autism	Advisor and Thesis Advisor	Epidemiologist Allegheny County Health Department Pittsburgh, PA
2014 PhD	Stacey Benson Applications of GIS in the Field of Environmental Epidemiology	Advisor and Thesis Advisor	Research Scientist II Cardno Risk Pittsburgh, PA
2015 PhD	Arvind Dabass PM2.5 and acute cardiovascular events	Advisor and Thesis Advisor	Assistant Professor Andaman & Nicobar Islands Institute of Medical Sciences (ANIIMS), Atlanta Point, Port Blair, India
PhD 2016- 2017	Chunzhe Duan Air Pollution and Cardiovascular Disease: From the Perspective of both Short and Long-term Exposure Received PhD August 2017	Advisor and Thesis Advisor	Postdoctoral Fellow, Moffitt Cancer Center, University of South Florida, Tampa, FL
PhD 2016-2017	Kristin Selker, BS A Cross Section Study on Asthma Hospitalization Rates and Air Quality Index Measure in Pennsylvania	Thesis Advisor	Current student, GSPH, University of Pittsburgh
PhD 2016-2017	Zhensheng Wang, MPH Identification of Novel Modifiable Risk Factors of Gastric Adenocarcinoma	Thesis Advisor	Current student, GSPH, University of Pittsburgh
PhD 2016-2017	Yuqing Chen Utility of Self-Administered Silica Exposure Survey and Semi-Quantitative Method to Evaluated Exposure Risk in Systemic Sclerosis Patients	Thesis Advisor	Current student, GSPH, University of Pittsburgh
PhD 2017-2020	Lei Zhu, MS, doctoral candidate. Association between Long-Term PM2.5 Exposure and Subclinical Atherosclerosis in Middle-Aged Women	Thesis and Major Advisor	Dissertation defended April 22, 2020. PhD to be awarded for Spring Term 2020, GSPH, University of Pittsburgh
PhD 2017	Stephen Liu, MPH, received PhD April 2018 ( <i>title on next page</i> )	Thesis and Major Advisor	Epidemiologist, CDC, Atlanta, GA



Time to Death in Persons with Opioid Hospitalizations by Hepatitis C and HIV Status in Pennsylvania, 2000-2010

PhD 2017	Benjamin Hampton, BS, MPH Received PhD August 2017 The Epidemiology and Prevalence of Clostridium Difficile in a large Community Hospital: Characteristics of Hospital versus community acquired infection	Thesis Advisor	Graduate, GSPH, University of Pittsburgh
PhD 2018-2019	Fan Wu, MS (EOH doctoral candidate) Relationship of Pesticide exposure in PA and Risk of ALS, currently taking research rotation in Epidemiology for CDC ALS study	Thesis Advisor	Current student, GSPH, University of Pittsburgh
PhD 2021-	Natalie Price, MPH Thesis TBN, related to Environmental exposures and adverse reproductive outcomes study	Thesis Advisor	GSR in Epidemiology Department as of Fall 2021, GSPH, University of Pittsburgh

**Mentoring of Graduate Students in Field Placements - NA**

Nia Foderingham, MD	Prevalence of PCOS among Tobago Women
Lauren Crowder, MPH candidate	Department of Neurosurgery

**Other Teaching and Training**

<b>Dates</b>	<b>Teaching Activity</b>	<b>Program/Description</b>
July 2001-2002	Governor's School Lecture in Environmental Epidemiology	Environmental Epidemiology

**Service on Masters or Doctoral Committees**

<b>Dates Served</b>	<b>Name of Student</b>	<b>Degree Awarded</b>	<b>Title of Dissertation/Essay</b>
1988	Joanne Kakareka	MPH	

			Pennsylvania Cervical Cancer Research Project: Comparison of Living and Deceased Invasive Cervical Cancer Cases
1994	Marsha Kuhar	MPH	The Effect of Occupational Exposure to Wood Dusts and Cigarette Smoking on Pulmonary Function.
2001	Tina Marie Mathur	MPH	CHD Mortality and Morbidity Among Women with PCOS
2001	Christine McFarland	MPH Candidate	Thesis to be Determined
2001	Ami Patel	MPH	Health Effects of Benzene Exposure 4/2002
2002	Katrina Schwartz	MPH	Evaluation of a Violence Prevention Program, Community Intensive Supervision Program, Pittsburgh, PA
2002	Linda Snyder	DrPH	Small Area Analyses of Adverse Pregnancy Outcomes and Deprivation in Allegheny County
2002	Judy Facey	PHD	Risk Assessment of Persons Exposed to Clandestine Drug Production
2003	Allison Robinson	PhD	Geographic Information Systems and Environmental Exposure Modeling
2003	Beth Helzner	PhD	Epidemiology of Hearing Loss in the Elderly
2004	Atilla Soran	MPH	The Prevalence of Benign Breast Disease in Women with Polycystic Ovary Syndrome: A Review of a 12-Year Follow-Up
2004	Lina Lukinskiene (EOH)	MPH	Immunoassay of hexamethylene disocyanate
2004	Beth Simon	DrPH	Sputum evaluation for lung cancer in PLCO Study
2004	Reena Sundry (Biostat)	MS (Biostat)	Psychometric evaluation of NSABP C-07 neurotoxicity self-administered questionnaire
2004	Mike Cunningham (Biostat)	MS	Reevaluation of lung cancer risk in acrylonitrile workers by simulation of missing smoking status information

2004	Rosemarie Ramos	PhD	Asthma and chylamydial infection
2005	Angela Fortunato	BCHS doctoral prelim	Gaps in complementary and alternative medicine
2005	Alina Bodea-Crisan	BCHS doctoral prelim	Issues of human dignity in the delivery of health care in Romania
4/2005	Haardy Bang, MD	MPH (EOH)	Online survey of UPMC staff and faculty regarding smoking practices
2004-4/2007	Naila Khalil	PhD	Lead in bone and osteoporotic fractures
2002-4/2006	Beth Simon	DrPH	Sputum analysis and screening approaches for lung cancer among smokers
2006-2007	Monica (Yeuh-Ying) Han	PhD	Evaluation of arsenic levels in ground water and cancer incidence in Idaho: An ecologic study
4/2007	Ann McCleary	DrPH BCHS	Behavioral risk factor survey: screening practices in women 45-64 years of age
2008-	Alicia Rucekova, MD	MPH EOH	Breast cancer screening in the workplace: Cost benefit
2012	Li-Chuan Tu		The performance of biased-coin minimization in multicenter trials
2013	Jordan Smith		Medical student demographics and attitudes as predictors for future rural practice
2013	Carrie Anderson	PhD	Agent-based modeling of coccidioidomycosis
2013	Zeina Dardari		Prognostic value of the persistence or pericardial effusion status on serial echocardiograms in pulmonary arterial hypertension
2015	Courtney Roper	PhD	Identifying inflammation as a mechanism of PM2.5 related pulmonary health effects, with alveolar macrophages (AM) playing a key role in inflammation
2016	Lauren Chubb	PhD	Characterization of Silica Content in Gold Mine Dust with Respect to Particle size

2016	Yisi Wang	MPH	Using Childhood Cancer Incidence Trends Over time As A Surveillance Tool in Evaluating The Health Impact of Unconventional Shale Gas
2016	Chun Zou	MPH	2012-2013 Tobacco-Related Malignant Neoplasms Status in the United States, Pennsylvania and Allegheny County and Spatial Analysis of Tobacco-Related Malignant Neoplasms in Allegheny County
2016-2019	Michelle Mellers	PhD	The Effect of Large-Scale Economic Development on Violence and Collective Efficacy: A Natural Experiment
2018	Brianna Adamcik	MPH	SOCIO-DEMOGRAPHIC AND ENVIRONMENTAL CHARACTERISTICS OF CHILDREN UNDER 18 YEARS SEEN FOR ASTHMA EXACERBATION IN THE UPMC CHILDREN'S HOSPITAL OF PITTSBURGH EMERGENCY DEPARTMENT FROM JUNE 1, 2017 - MAY 31, 2018
2018	Kevin Sullivan, PhD	MPH	Depression Symptoms on the Decline in Older Adults: Birth Cohort Analyses from the Rust Belt (committee and reader)
2019	Tenley Brownwright	PhD	Using High-Resolution Measles Vaccination Coverage Data Improves Detection of Spatial Heterogeneity and Measles Outbreak Risk in the US and Africa
2019	Kathleen Shedlock	MPH	Environmental Justice Metrics Contextualize the Preterm Birth Disparity in Allegheny County
2020	Sarah Sullivan	MPH	Effect of Asbestos Fibers on Pneumonia Mortality (IDM Department, Essay Reader)
2021	Brandy Hill	PhD	Investigation of the Clairton Coke works and prevalence of adult onset Asthma (EOH)

### Supervision of Post-Doctoral Students, Residents, and Fellows

**Name of Student**

**Position of Student**

**Dates Supervised**

2000-2001	Amin Zhang, MD	Resident/Fellow (Department of EOH Thesis committee)
2000-2001	Rihab Doud, MD	Resident/Fellow (Department of EOH Thesis committee)
2000-2001	ATA Ulhaq, MD	Resident/Fellow (Department of EOH Thesis committee)
2000-2001	Philip Majewski, MD	Resident/Fellow (Department of EOH Thesis committee)
2004-2005	Kathey Hoerger, MD	K-Award Advisory Board
2006-2007	Abdullah Harif, MD	Heinz Fellowship Advisee
2007-2008	Felicia Wu, PhD	K-Award 2007-2010 – Role of environmental triggers in childhood asthma
2011-2012	Xiang Hao, MD, PhD	Visiting Professor, Wuhan University, Wuhan, China
2016-2018	Brandi Stevens, MD	Pediatric Rheumatology Fellow, Children’s Hospital of Pittsburgh
2017-2019	Shaina Stacy, PhD	Postdoctoral Fellow, University of Pittsburgh Cancer Institute
2018-2020	Vanessa Assibey-Mensah, PhD, MPH	American Heart Association, Go Red for Women Research Network Postdoctoral Associate
2019-present	Kevin Sullivan, MPH	Postdoctoral Fellow, University of Pittsburgh (Primary mentor: Mary Ganguli, MD)

**SERVICE (Professionally Related)**

**Service to Internal Organizations, Department, Committees**

1987	Fay Rice Masters Committee	Member
1987	John H. McWhorter Masters Committee	Member

1983	GSPH Library Director Search Committee	Chairman
1984-1986	GSPH Library Committee	Chairman
1984-1986	GSPH Admission Committee	Member
1985-1986	Health and Welfare (GSPH)	Chairman
1988-1991	Psychosocial Institutional Review Board for Health Sciences	Member
1993-1997	GSPH Educational Policy and Curriculum Committee	Member
1997-Present	Pittsburgh Cancer Institute	Member
1998-1999	University Senate Educational Policies Committee	Member
1998-1999	Informal Committee, GSPH Faculty Governance	Member
1998-1999	Faculty Senate Executive Committee, GSPH	President
1998-1999	GSPH Accreditation Committee	Member
1998-1999	Health Physics Faculty Search Committee (Dept. of EOH)	Member
1998-Present	University Senate Educational Policies Committee	Member
1999	50 <sup>th</sup> Anniversary Symposium Committee, GSPH	Member
1999-Present	WPIC Research Committee	Grant Reviewer
2000-Present	University of Pittsburgh IRB (Committee D)	Member
2000-Present	GSPH, Core Curriculum and Capstone Course Committee	Member
2001-Present	Senate Educational Policies Committee	President
2001-2005	GSPH Planning and Budget Committee	Representative
2001	GSPH, Schoolwide MPH Examination Committee	Member
2002-2006	Senate Educational Policies Committee, GSPH Planning and Budget Committee	Pro Tem
2004-2005	University Senate Educational Policies Committee	President
2004-2005	Faculty Appointments, Promotions, and Tenure (FAPTC)	Representative

2004-2005	GSPH Accreditation Committee	Member
2004-2005	Core Curriculum Committee	Member
2004-2005	GSPH Planning and Budget Committee	Departmental Representative
Jan-Mar, 2005	Search Committee tenure track Assistant Professor, Department of IDM (Dr. C. Rinaldo, Chair)	Member
Dec 2004-Mar 2005	Search Committee tenure track community-based participatory researcher and evaluator, Department of BCHS (Dr. Ed Ricci-Chair)	Member
Dec 2004-Mar 2005	Search Committee Assistant Professor outside the tenure track, Department of BCHS (Dr. Robert Goodman, Chair)	Member
2005-2006	GSPH Accreditation Committee	Member, Criteria IX author
2004-2006	Core Curriculum Committee	Member
2004-2006	GSPH Council	Department Representative
2007-2014	Applied Preliminary General Epi Exam Committee	Chairman
2008-2009	GSPH Council	President-elect
2009-Present	GSPH Faculty Senate	Chair
2010-Present	Faculty Advancement and Promotion Committee (FAPTC)	Member
2015-Present	Applied Preliminary General Epi Exam Committee	Member
2021	GSPH Dean's Day Faculty Judge (Virtual – 04/06/2021)	Judge

### **Editorial Boards, Editorships**

<b>Date</b>	<b>Position</b>	<b>Organization</b>
1991-Present	Associate Editor	Archives of Environmental Health – An International Journal, Washington, DC
2005-Present	Contributing Editor	Fertility Today, a new magazine devoted to women and fertility issues
2014-Present	Associate Editor	Journal of Environmental and Public Health

2019-Present	Contributing Editor	International Journal of Environmental Research and Public Health
July 2019-Present	Associate Editor	Offered Position as Editor in Chief, Accepted Associate Editorship instead. Epidemiology - Open Journal (EPOJ)

### **Manuscript and Other Document/Publication Review**

<b>Date</b>	<b>Publication</b>
1985-1986	American Journal of Epidemiology
1985-Present	Epidemiologic Review
1985-1986	New England Journal of Medicine, Reviewer
1987-1988	Hudson River Foundation
1989	E.P.A. Health Effects Research Laboratory, Grant Reviewer
1987	Epidemiology Reviews
1987-1989	March of Dimes, Reviewer
1989	International Society for Environmental Epidemiology, Program Committee
1992	Fourth Annual Meeting of the International Society for Environmental Epidemiology, Mexico Meeting, Program Committee and Reviewer
1990-Present	Journal of Occupational Medicine, Journal Reviewer
2005-Present	Environmental Health Perspectives
2004-Present	Archives of Environmental Health Human Reproduction and Fertility
2004-Present	Environmental Health Perspectives
2004-Present	Journal of the National Medical Association
2004-Present	JAMA
2004-Present	Journal of Occupational Health
2004-Present	Diabetes Care
2004-Present	JCEM



2004-Present Human Reproduction

2009-present Environmental Research

### **Study Sections, Review Panels, and Related Advisory Boards**

<b>Date</b>	<b>Position</b>	<b>Description and Organization</b>
1989	Water Review Panel	US EPA Committee to “Evaluate the Role of Epidemiology in Assessing Disinfection Technologies for Drinking Water, Brookhaven, NY, September 13-15, 1989
2004	Member	NIH, NIDDK Review Committee
2005	Member	EPA, Environmental Epidemiology Training Grant Review Committee
2005	Member	K-Award Committee – K. Hoeger
2005-Present	Member	PA Department of Health Advisory Board, Environmental Public Health Tracking (CDC)
2005-2006	Member	USEPA Science to achieve results and greater research opportunities. Fellowship for Graduate Environmental Study: Study Section (STAR and GRO Fellowships)
July 2006	Member	IOM Review of Noise Induced Hearing Loss
2007-2009	Scientific committee	National Academy of Science Committee on Estimating Mortality Risk Reduction Benefits from Decreasing Tropospheric Ozone Exposure, National Research Council of the National Academies, Board of Environmental Studies and Toxicology
2007-Present	Technical Advisory Group	New York Department of Health, EPHTN
2008-Present	Reviewer	NHLBI Special Emphasis Review Panel – Mentored Career Development Award to Promote Faculty Diversity in Biomedical Research (K01) and Short-Term Research Education Program to Increase Diversity in Health-Related Research (R-25)
April 2018	Reviewer	Special Emphasis Panel/Scientific Review Group 2018/08 ZES1 RAM-K (LP) Six grant reviews. reviewed environmental epidemiology proposals for this scientific review group

April 2018	Reviewer	The BSF(United States-Israel Binational Science Foundation) grant review: Identification of risk factors in pre-symptomatic ALS using machine learning, application 2017309
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**Service to Governmental and Other Public Organizations**

<b>Date</b>	<b>Position</b>	<b>Description and Organization</b>
1989-1990	NIH Consensus Panel	“Noise and Hearing Loss”, Bethesda, MD
1990	Reviewer	US Congress, Office of Technology Assessment, “Costs and Effectiveness of Screening for Cervical Cancer in Elderly Women” OTA-BP-H-65 (Washington, US Govt. PO, February)
1990		“Effects of Military Aircraft on Human Health: Noise and Sonic Boom Impact Technology (NSBIT) Program”, Department of the US Air Force, Wright-Patterson Air Force Base, OH
1989-1991	Chairman	Cervical Cancer Task Force through the Pennsylvania State Department of Health, Cancer-Control Program
1991	Working Group Member	Combating Noise in the 90’s”, American Speech and Hearing Association, December
1991	Program Committee and Organizer	Third Annual International Symposium on Environmental Epidemiology, Beer Sheva, Israel
1992	Program Committee and Organizer	Fourth Annual International Symposium on Environmental Epidemiology, Cuernavaca, Morelos, Mexico
1993	Consultant Epidemiologist	Pennsylvania Department of Health “Breast and Cervical Cancer Coalition”
1993	Member, National Advisory Committee	“NIDCD Hereditary Hearing Impairment Resource Registry”, Boys Town National Research Hospital, Omaha, Nebraska (NIH-DC-93-02)
1999	Member	State of Pennsylvania Cervical Cancer Advisory Board
1995	Epidemiologist and Consultant	Commonwealth of Pennsylvania, Vietnam Veterans Disease Registry and Health Commission
January 2005	PA Cancer Control Program	Evaluation Committee with Patricia Documet

September 2006-Present	Member, Technical Advisory Group	Pennsylvania Department of Health, Environmental Public Health Tracking, Harrisburg, PA
2017-Present	Member, Epidemiologist	Pennsylvania Department of Health Rare Disease Advisory Council (Formed under the Rare Disease Council Act- enactment PL 285, No 14)

### Consultantships

<b>Dates</b>	<b>Name of Consultantship</b>
1993-Present	Epidemiological Consultant, "Epidemiology of Hearing Loss Study", Beaver Dam Study (NIH), Department of Ophthalmology, University of Wisconsin, School of Medicine
6/ 24-25/ 1998	Parke-Davis, Committee on Women's Healthcare, New Orleans, LA
2/14/ 1998	Parke-Davis Committee on Women's Health, Symposium on PCOS, Boston, MA
1/15-19/1998	Parke-Davis, Conference on Revolutionizing Women's Healthcare: A Consensus Conference. APCOS and Risk of CVD. Cancun, Mexico
1/2000 - 4/2000	US Justice Department, Lisa Cherup, Environmental Justice, Washington, DC, Air Pollution in Hazelwood, LTV – Health Effects
2005	PAC3 PA DoH Cancer Board, Fertility Today, Contributing Editor
2010-Present	Heinz Endowment "Breathe" Project

### Leadership in Professional Organizations and Honorary Societies

<b>Date</b>	<b>Position</b>	<b>Description and Organization</b>
1989-Present	Member	International Society for Environmental Epidemiology
1989-1993	Secretary-Treasurer	International Society for Environmental Epidemiology Description and Organization (founding member)
2000-Present	Fellow	American Heart Association, Epidemiology Council
2004-2005	Past President	Delta Omega Honorary Public Health Society
2005-2006	President Elect	Environmental Health Section of PA Public Health Association
2005-2007	President Elect	Newly formed Environmental Section of PPHA, a partner of APHA

## School/University Committees

Year(s)	Position, Committee
1981	Member, Patricia Murphy Masters Committee
1982	Member, Lynn Marshall Masters Committee
1985	Member, Chandra Sharma Masters Committee
Present	Member, FSEC Protem Committee
Present	Member, Faculty Advancement Promotion and Tenure Committee
Present	Member, Applied Preliminary General Epi Exam Committee
Present	Member, Environmental & Biological Determinants Committee of The Pittsburgh Study (led by Dr. Catherine Haggerty)

## Service to External Organizations Public Policy and Programs

Year(s)	Position and Organization	Type of Service
1995-1997	Women's Health Conferences, YWCA Women's Health Initiative Task Force	Member
1997-1998	Neville Island Cancer Incidence Study	Carried out cancer incidence survey in conjunction with master's student project and Clean Water Action and Allegheny County Health Department
December 1996-May 1997	Allegheny County Health Department Epidemiology and Consultant	Department interview survey to assess Flue Immunization rate in the 1996-1997 flu season for ACHD Infectious Disease Division
April-June 1997	Pennsylvania State Health Department SW Regional Office, Consultant	Investigation into health effects, Canton Township, Washington County
Summer 1996	Allegheny County Department of Health Jeanne Kish, Special Projects	Investigation of sick building syndrome for Pittsburgh City Schools
1998-1999	American Speech and Hearing Association Washington, DC	Working Group member
1998	Investigation – Neville Island – Cancer Incidence Survey	For the Clean Water Action Association

2001-2003	PA Cancer Control Consortium (PAC3)	Served on Executive Board for epidemiological expertise
2004-Present	PCO USA – Pittsburgh Chapter executive committee	Support group and Association Advisory Board Member
2/2010 - 7/2014	Member, PADOH TAG Committee, Department of Health, Harrisburg, PA, Technical Advisory Committee Member	Science advisor
2/2010 - 7/2011	Member, state of New York Environmental Public Health Tracking advisory committee for CDC EPHTN tracking program	Scientific advisory committee
2014-2016	Heinz Breathe Project (Air Pollution)	Member

### Service to Government Agencies

Year(s)	Position and Organization	Type of Service
2017- 2025	Member and epidemiologist, Pennsylvania Department of Health, Rare Disease Advisory Council	Epidemiologist and council member
2007-Present	Pennsylvania Department of Health, Environmental Public Health Tracking Program	Technical Advisory Board member
2007	Cervical Cancer Task Force	Member
2007-2009	Technical Advisory Board, PA Department of Health, Harrisburg, PA	Member
2006-Present	Committee on Estimating Mortality Risk Reduction Benefits from Decreasing Tropospheric Ozone Exposure, National Research Council of the National Academies	Member
1999	State of Pennsylvania, Cervical Cancer	Advisory Board
1995	Commonwealth of Pennsylvania, Vietnam Veterans Disease Registry and Health Commission	Epidemiologist and Consultant
1993	Pennsylvania Department of Health, “Breast and Cervical Cancer Coalition”	Consultant Epidemiologist

1990-Present	“Effects of Military Aircraft on Human Health: Noise and Sonic Boom Impact Technology (NSBIT) Program”, Department of the US Air Force, Wright-Patterson Air Force Base, Ohio	Scientific reviewer
1990	US Congress, Office of Technology Assessment, “Costs and Effectiveness of Screening for Cervical Cancer in Elderly Women”, OTA-BP-H-65, Washington, US Govt. PO, February	Reviewer
1989-1991	Cervical Cancer Task Force through the Pennsylvania State Department of Health, Cancer-Control Program	Chairman

### **Other Professional Activities**

2012 - 2013	Advisor, Heinz Breathe Project
2012 - Present	Member, Advisory Board, Healthy Schools/Environment (Heinz)

### **Other Related Service and Volunteer Activities**

<b>Year(s)</b>	<b>Position and Organization</b>	<b>Type of Service</b>
1999	International Committee on the Biological Effects of Noise (ICBEN)	Committee member
1989-1994	International Society for Environmental Epidemiology	Secretary/Treasurer
1994-Present	International Society for Environmental Epidemiology	Member
2020-Present	Bethany College Pandemic Response Team for COVID Preparedness Committee	Member, Epidemiologist

**Revised: 2/22/2022**