

**CURRICULUM VITAE**  
**Jeanine M Buchanich, M.Ed., Ph.D.**  
**University of Pittsburgh**

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**EDUCATION and TRAINING**

**Undergraduate**

1989 - 1993	University of Pittsburgh Pittsburgh, PA	BS Psychology
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**Graduate**

1993 - 1998	University of Pittsburgh Graduate School of Public Health Pittsburgh, PA	MPH Epidemiology Nancy Day
1994 - 1996	University of Pittsburgh School of Education Pittsburgh, PA	MEd School Counseling
1999 - 2007	University of Pittsburgh Graduate School of Public Health Pittsburgh, PA	PhD Epidemiology Thomas Songer

**APPOINTMENTS and POSITIONS**

**Academic**

2/2008 - Present	Graduate School of Public Health University of Pittsburgh Pittsburgh, PA	Research Assistant Professor Biostatistics
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**Non-Academic**

1996 - 1998	University of Pittsburgh	Research Specialist III Biostatistics
1998 - 2000	University of Pittsburgh	Research Specialist IV Biostatistics
2000 - 2008	University of Pittsburgh	Research Specialist V Biostatistics

2/2008 - Present	Center for Occupational Biostatistics and Epidemiology Graduate School of Public Health	Deputy Director, Epidemiology Biostatistics
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### **MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES**

1998 - Present	Member, Society of Epidemiological Research
2006 - 2010	Member, Society for Neuro-Oncology
2010 - Present	Elected Member, American College of Epidemiology
2010 - Present	Member, International Society for Environmental Epidemiology
2012 - Present	Member, American Statistical Association
2012 - Present	Appointed Member, Career Success Factors Workgroup, ASA

### **HONORS and AWARDS**

1989 - 1993	Chancellor's Scholar, Full Scholarship, University of Pittsburgh
1990 - 1993	Scholar, Golden Key National Honor Society
1995 - 1996	Scholar, Chi Sigma Iota National Honor Society in Counseling
2011 - 2011	Hewlett International Grant Program Award, University Center for International Studies

### **PUBLICATIONS**

#### **Peer-reviewed Publications**

1. Schall LC, Buchanich JM, Marsh GM, Bittner GM. Utilizing multiple vital status tracing services optimizes mortality follow-up in large cohort studies. *Annals of epidemiology*. 2001 Jul; 11 (5):292-6. PMID: 11399442.
2. Quinn MM, Smith TJ, Youk AO, Marsh GM, Stone RA, Buchanich JM, Gula MJ. Historical cohort study of US man-made vitreous fiber production workers: VIII. Exposure-specific job analysis. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):824-34. PMID: 11561365.
3. Smith TJ, Quinn MM, Marsh GM, Youk AO, Stone RA, Buchanich JM, Gula MJ. Historical cohort study of US man-made vitreous fiber production workers: VII. Overview of the exposure assessment. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):809-23. PMID: 11561364.
4. Marsh GM, Buchanich JM, Youk AO. Historical cohort study of US man-made vitreous fiber production workers: VI. Respiratory system cancer standardized mortality ratios adjusted for the confounding effect of cigarette smoking. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):803-8. PMID: 11561363.
5. Buchanich JM, Marsh GM, Youk AO. Historical cohort study of US man-made vitreous fiber production workers: V. Tobacco-smoking habits. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):793-802. PMID: 11561362.
6. Stone RA, Youk AO, Marsh GM, Buchanich JM, McHenry MB, Smith TJ. Historical cohort study of US man-made vitreous fiber production workers: IV.

- Quantitative exposure-response analysis of the nested case-control study of respiratory system cancer. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):779-92. PMID: 11561361.
7. Youk AO, Marsh GM, Stone RA, Buchanich JM, Smith TJ. Historical cohort study of US man-made vitreous fiber production workers: III. Analysis of exposure-weighted measures of respirable fibers and formaldehyde in the nested case-control study of respiratory system cancer. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):767-78. PMID: 11561360.
  8. Marsh GM, Youk AO, Stone RA, Buchanich JM, Gula MJ, Smith TJ, Quinn MM. Historical cohort study of US man-made vitreous fiber production workers: I. 1992 fiberglass cohort follow-up: initial findings. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):741-56. PMID: 11561358.
  9. Marsh GM, Gula MJ, Youk AO, Buchanich JM, Churg A, Colby TV. Historical cohort study of US man-made vitreous fiber production workers: II. Mortality from mesothelioma. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2001 Sep; 43 (9):757-66.
  10. Marsh GM, Youk AO, Stone R, Buchanich J, Gula MJ, smith tJ, Churg A, Colby TV. Does Fiber Glass Pose a Respiratory Cancer Risk in Man? Findings from the Latest Update of the U.S. Cohort Study of Man-Made Vitreous Fiber Workers. *Annals of Occupational Hygiene*. 2002; 46:110-114.
  11. Marsh GM, Youk AO, Buchanich JM, Cassidy LD, Lucas LJ, Esmen NA, Gathuru IM. Pharyngeal cancer mortality among chemical plant workers exposed to formaldehyde. *Toxicology and industrial health*. 2002 Jul; 18 (6):257-68. PMID: 14992463.
  12. Stone RA, Youk AO, Marsh GM, Buchanich JM, Smith TJ. Historical cohort study of U.S. man-made vitreous fiber production workers IX: summary of 1992 mortality follow up and analysis of respiratory system cancer among female workers. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2004 Jan; 46 (1):55-67. PMID: 14724479.
  13. Dolan DG, Youk AO, Marsh GM, Buchanich JM. A 50-year historical cohort mortality study of workers in a pharmaceutical plant. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2004 Feb; 46 (2):161-6. PMID: 14767219.
  14. Cassidy LD, Buchanich J, Guice K. Comparison of Injury Severity Scoring Systems to Identify Most Relevant Variables for Inclusion in a National Trauma Registry for Children. *Journal of registry management*. 2005; 32 (1):4-10.
  15. Marsh GM, Youk AO, Esmen NA, Buchanich JM. Mortality patterns among workers in a US pharmaceutical production plant. *Annals of epidemiology*. 2005 Feb; 15 (2):112-22. PMID: 15652716.
  16. Buchanich JM, Dolan DG, Marsh GM, Madrigano J. Underascertainment of deaths using social security records: a recommended solution to a little-known problem. *American journal of epidemiology*. 2005 Jul 15; 162 (2):193-4. PMID: 15972936.

17. Lippert JF, Lacey SE, Kennedy KJ, Esmen NA, Buchanich JM, Marsh GM. Magnetic field exposure in a nondestructive testing operation. *Archives of environmental & occupational health*. 2007; 62 (4):187-93. PMID: 18458022.
18. Marsh GM, Youk AO, Buchanich JM, Kant IJ, Swaen G. Mortality patterns among workers exposed to acrylamide: updated follow up. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2007 Jan; 49 (1):82-95. PMID: 17215717.
19. Hall TA, Esmen NA, Jones EP, Basara H, Phillips ML, Marsh GM, Youk AO, Buchanich JM, Leonard RC. Chemical process based reconstruction of exposures for an epidemiological study. III. Analysis of industrial hygiene samples. *Chemico-biological interactions*. 2007 Mar 20; 166:277-84. PMID: 17074311.
20. Leonard RC, Kreckmann KH, Lineker GA, Marsh G, Buchanich J, Youk A. Comparison of standardized mortality ratios (SMRs) obtained from use of reference populations based on a company-wide registry cohort to SMRs calculated against local and national rates. *Chemico-biological interactions*. 2007 Mar 20; 166:317-22. PMID: 17011535.
21. Marsh GM, Youk AO, Buchanich JM, Cunningham M, Esmen NA, Hall TA, Phillips ML. Mortality patterns among industrial workers exposed to chloroprene and other substances. II. Mortality in relation to exposure. *Chemico-biological interactions*. 2007 Mar 20; 166:301-16. PMID: 17007827.
22. Marsh GM, Youk AO, Buchanich JM, Cunningham M, Esmen NA, Hall TA, Phillips ML. Mortality patterns among industrial workers exposed to chloroprene and other substances. I. General mortality patterns. *Chemico-biological interactions*. 2007 Mar 20; 166:285-300. PMID: 16999943.
23. Esmen NA, Hall TA, Phillips ML, Jones EP, Basara H, Marsh GM, Buchanich JM. Chemical process-based reconstruction of exposures for an epidemiological study. Part II. Estimated exposures to chloroprene and vinyl chloride. *Chemico-biological interactions*. 2007 Mar 20; 166:264-76. PMID: 16989794.
24. Marsh GM, Youk AO, Buchanich JM, Erdal S, Esmen NA. Work in the metal industry and nasopharyngeal cancer mortality among formaldehyde-exposed workers. *Regulatory toxicology and pharmacology : RTP*. 2007 Aug; 48 (3):308-19. PMID: 17544557.
25. Cassidy LD, Cunningham M, Buchanich J, Marsh GM, Guice K. Proposed Sampling Plan for a National Trauma Registry for Children. *Journal of registry management*. 2008; 35:113-119.
26. Buchanich J, Cassidy LD, Guice K. National Trauma Registry for Children Project: A National Hospital Survey. *Journal of registry management*. 2008; 35:12-17.
27. Marsh GM, Buchanich JM, Youk AO, Cunningham MA, Lieberman FS, Kennedy KJ, Lacey SE, Hancock RP, Esmen NA. Long-term health experience of jet engine manufacturing workers: II. Total and cause-specific mortality excluding central nervous system neoplasms. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2008 Oct; 50 (10):1117-29. PMID: 18849757.
28. Marsh GM, Buchanich JM, Youk AO, Cunningham MA, Lieberman FS, Kennedy KJ, Lacey SE, Hancock RP, Esmen NA. Long-term health experience

- of jet engine manufacturing workers: I. Mortality from central nervous system neoplasms. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2008 Oct; 50 (10):1099-116. PMID: 18849756.
29. Buchanich JM, Youk AO, Marsh GM, Bornemann Z, Lacey SE, Kennedy KJ, Hancock RP, Esmen NA, Lieberman FS. Methodological issues in a retrospective cancer incidence study. *American journal of epidemiology*. 2009 Jul 1; 170 (1):112-9. PMID: 19414497.
  30. Youk AO, Buchanich JM, Marsh GM, Cunningham M, Esmen NA. Pharmaceutical production workers and the risks of mortality from respiratory system cancer and lymphatic and hematopoietic tissue cancers. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2009 Aug; 51 (8):903-15. PMID: 19620890.
  31. Marsh GM, Esmen NA, Buchanich JM, Youk AO. Mortality patterns among workers exposed to arsenic, cadmium, and other substances in a copper smelter. *American journal of industrial medicine*. 2009 Aug; 52 (8):633-44. PMID: 19533624.
  32. Marsh GM, Buchanich JM, Youk AO, Cunningham MA, Lieberman FS, Kennedy KJ, Lacey SE, Hancock RP, Esmen NA, Fleissner ML. Long-term health experience of jet engine manufacturing workers: III. Incidence of malignant central nervous system neoplasms. *Neuroepidemiology*. 2010 Aug; 35 (2):123-41. PMID: 20523076.
  33. Buchanich JM, Youk AO, Marsh GM, Kennedy KJ, Esmen NA, Lacey SE, Hancock R, Cunningham MA, Lieberman FS, Fleissner ML. Long-term health experience of jet engine manufacturing workers: IV. A comparison of central nervous system cancer ascertainment using mortality and incidence data. *Annals of epidemiology*. 2010 Oct; 20 (10):759-65. PMID: 20816315.
  34. Marsh GM, Buchanich JM, Youk AO. Fiber glass exposure and human respiratory system cancer risk: lack of evidence persists since 2001 IARC re-evaluation. *Regulatory toxicology and pharmacology : RTP*. 2011 Jun; 60 (1):84-92. PMID: 21345360.
  35. Buchanich JM, Youk AO, Marsh GM, Kennedy KJ, Lacey SE, Hancock RP, Esmen NA, Cunningham MA, Lieberman FS, Fleissner ML. Long-term health experience of jet engine manufacturing workers: V. Issues with the analysis of non-malignant central nervous system neoplasms. *Journal of registry management*. 2011 Oct; 38 (3):115-9. PMID: 22223053.
  36. Cassidy LD, Buchanich J, Godiwalla S, English N, Dekker K. Evaluation of Commercial Resources for Tracing Participants for Long-Term Follow-up in the National Children's Study. *Annals of Epidemiology*. 2012. (submitted).
  37. Youk AO, Buchanich JM, Fryzek J, Cunningham M, Marsh GM. An ecological study of cancer mortality rates in high altitude counties of the United States. *High altitude medicine & biology*. 2012 Jun; 13 (2):98-104. PMID: 22724612.
  38. Cooper JN, Buchanich JM, Youk A, Brooks MM, Barinas-Mitchell E, Conroy MB, Sutton-Tyrrell K. Reductions in arterial stiffness with weight loss in overweight and obese young adults: potential mechanisms. *Atherosclerosis*. 2012 Aug; 223 (2):485-90. PMID: 22703865.

39. Buchanich J, Talbott E, Youk AO, Potter AN, Marshall LP. Comparison of Mortality Rates between Appalachian Coal Mining Counties with Non-Coal Mining. *SME Transactions*. 2013 Apr. (in press).
40. Talbott E, Brink LL, Marshall LP, Buchanich J. Population and Exposure Characteristics of Coal Mining and Non-Coal Mining Counties in West Virginia. *SME Transactions*. 2013 Apr. (accepted).
41. Buchanich J, Mertz K, Washington TL, Logue J, Marchetto D. Updated and Expanded Study of Polycythemia Vera and Other Myeloproliferative Neoplasms in the Tri-County Area. *International Journal of Health and Environmental Hygiene*. 2013 Apr. (submitted).
42. Mertz K, Buchanich J. Chronic myelogenous leukemia in Eastern Pennsylvania: an assessment of registry reporting and characteristics of cases. *Hematology*. 2013 Apr. (submitted).
43. Marsh GM, Youk AO, Buchanich J, Downing SC, Esmen NA, Kennedy KJ, Lacey SE, Lieberman FS. Long-Term Health Experience of Jet Engine Manufacturing Workers: Results from a 10-Year Exploratory Investigation. *Journal of Environmental and Occupational Medicine*. 2013 May. (accepted).
44. Marsh GM, Youk AO, Buchanich JM, Xu H, Downing S, Kennedy KJ, Esmen NA, Hancock RP, Lacey SE, Fleissner ML. Long-Term Health Experience of Jet Engine Manufacturing Workers: VI: Incidence of Malignant Central Nervous System Neoplasms in Relation to Estimated Workplace Exposures. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2013 May 24. PMID: 23715109.
45. Youk AO, Marsh GM, Buchanich JM, Downing S, Kennedy KJ, Esmen NA, Hancock RP, Lacey SE. Long-Term Health Experience of Jet Engine Manufacturing Workers: IX. Further Investigation of General Mortality Patterns in Relation to Workplace Exposures. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2013 Jun; 55 (6):709-721. PMID: 23715112.
46. Marsh GM, Youk AO, Buchanich JM, Downing S, Kennedy KJ, Esmen NA, Hancock RP, Lacey SE, Pierce JS, Fleissner ML. Long-Term Health Experience of Jet Engine Manufacturing Workers: VIII. Glioblastoma Incidence in Relation to Workplace Experiences With Parts and Processes. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2013 Jun; 55 (6):690-708. PMID: 23715111.
47. Marsh GM, Buchanich JM, Youk AO, Downing S, Esmen NA, Kennedy KJ, Lacey SE, Hancock RP, Fleissner ML, Lieberman FS. Long-Term Health Experience of Jet Engine Manufacturing Workers: Results From a 12-Year Exploratory Investigation. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2013 Jun; 55 (6):652-653. PMID: 23715110.
48. Kennedy KJ, Esmen NA, Hancock RP, Lacey SE, Marsh GM, Buchanich JM, Youk AO. Long-Term Health Experience of Jet Engine Manufacturing Workers: VII: Occupational Exposures. *Journal of occupational and environmental medicine / American College of Occupational and Environmental Medicine*. 2013 Jun; 55 (6):676-689. PMID: 23715108.

49. Buchanich J, Talbott E, Youk AO, Potter A, Balmert L, Marshall LP. Mortality Comparisons in Appalachian Coal Mining and Non-Coal Mining Counties. *Journal of Occupational and Environmental Medicine*. (submitted).

### **Books, Book Chapters, Monographs**

1. Buchanich J, Keane CR, Lin CJ, Marsh GM, Medsger A, Margaret A. Potter, Ricci EM, Schall L. Evaluation Study of the Community Health Project: Findings and Recommendations. submitted to the Hon. Gary L. Gurian, Acting Secretary, Pennsylvania Department of Health. University of Pittsburgh: Center for Public Health Practice, 1999 Apr 7. p. 86, plus appendices; authors listed in alphabetical order.
2. Buchanich JM, Songer TJ, Cassidy LD, Marsh GM, Ford HR. In: *A Clinical Decision-Making Rule for Mild Head Injury in Infants and Toddlers*. Saarbrücken, Germany: VDM Verlag Dr. Muller Aktiengesellschaft & Co., 2008.

### **Published Abstracts**

1. Schall LC, Marsh GM, Buchanich JM, Bittner G. A Comparison of Three National Vital Status Tracing Services for Large Scale [abstract]. 1999; . 9:457-458.
2. Marsh GM, Youk AO, Stone RA, Buchanich JM, Gula MJ, Smith TJ, Churg A, Colby T. Does fiberglass pose a respiratory system cancer risk in humans? Latest findings from the US cohort and nested case-control studies. [abstract]. 2002;.
3. Marsh GM, Youk AO, Buchanich JM, Cassidy LD, Lucas LJ, Esmen NA, Gathuru I. Formaldehyde Exposure and Respiratory Tract Cancer among Chemical Plant Workers: An Updated Cohort Study and New Nested Case-Control Study [abstract]. In: *British Occupational Hygiene Society; Annals of Occupational Hygiene*. 2003;.
4. Marsh GM, Youk AO, Buchanich JM, Esmen NA. Mortality Patterns among Pharmaceutical Production Workers at One U.S. Site [abstract]. In: *British Occupational Hygiene Society; Annals of Occupational Hygiene*. 2004;.
5. Sharma R, Buchanich J. Structural Covariates of Disparities in County Low Birth Weight Rates: Incorporating Spatial Effects [abstract]. 2004;.
6. Marsh GM, Youk AO, Buchanich JM, Esmen NA. Mortality Patterns among Workers Exposed to Chloroprene and Other Substances [abstract]. In: *British Occupational Hygiene Society; Annals of Occupational Hygiene*. 2005;.
7. Marsh GM, Buchanich JM, Lieberman FS, Youk AO, Bornemann Z, Esmen NE, Lacey SE, Kennedy K, Hancock R. An epidemiological study of brain cancer mortality and incidence among a cohort of jet engine manufacturing workers [abstract]. 2006;.
8. Marsh GM, Buchanich JM, Lieberman FS, Youk AO, Bornemann Z, Esmen NE, Lacey SE, Kennedy K, Hancock R. An epidemiological study of brain cancer mortality and incidence among a cohort of jet engine manufacturing workers: Year 5 Study Update [abstract]. 2007;.
9. Esmen NA, Hancock RP, Lacey SE, Kennedy KJ, Marsh GM, Buchanich JM. Exposed to Aerosol Generated in High Temperature Alloy Surface Grinding [abstract]. In: *British Occupational Hygiene Society; Annals of Occupational Hygiene*. 2007;.
10. Marsh GM, Buchanich J, Youk A, Cunningham M, Lieberman F, Kennedy K, Lacey S, Hancock R, Esmen N. An epidemiological study of brain cancer

- mortality and incidence among a cohort of jet engine manufacturing workers: total and cause specific mortality with emphasis on CNS neoplasms. [abstract]. 2008;.
11. Lacey S, Horvatin S, Alcazar T, Kennedy K, Hancock R, Esmen N, Buchanich J, Youk A, Cunningham M, Marsh GM, Myers D. Examination of Workers Ability to Recall Personal Occupational History [abstract]. In: British Occupational Hygiene Society; Annals of Occupational Hygiene. 2008;.
  12. Buchanich J, Bornemann ZB, Marsh GM, Youk AO, Lieberman FS, Lacey SE, Kennedy KJ, Esmen NA, Hancock RH. An epidemiological study of brain cancer incidence among a cohort of jet engine manufacturing workers: methodological issues [abstract]. 2008;.
  13. Esmen NE, Kennedy KJ, Marsh GM, Buchanich JM. Exposure to lead and arsenic in copper smelting [abstract]. In: British Occupational Hygiene Society; Annals of Occupational Hygiene. 2008;.
  14. Lacey S, Kennedy K, Hancock R, Esmen N, Buchanich J, Youk A, Cunningham M, Marsh GM, Lieberman F. Exposure reconstruction to inform an epidemiologic study of brain cancer mortality among a cohort of jet engine manufacturing workers: an update on findings to date. [abstract]. 2008;.
  15. Kennedy K, Esmen N, Buchanich J, Lacey S, Marsh GM, Youk A, Hancock R. Occupational hygiene considerations in a large retrospective epidemiology study: job dictionary. [abstract]. In: British Occupational Hygiene Society; Annals of Occupational Hygiene. 2009;.
  16. Lacey S, Gundi V, Kennedy K, Hancock R, Esmen N, Buchanich J, Youk A, Marsh GM. Application of GIS in occupational exposure reconstruction. [abstract]. In: British Occupational Hygiene Society; Annual of Occupational Hygiene. 2009;.
  17. Buchanich JM, Marsh GM, Esmen NA, Youk AO, Kennedy KJ. Cerebrovascular Mortality among Arsenic-Exposed Copper Smelter Workers [abstract]. In: British Occupational Hygiene Society; Annals of Occupational Hygiene. 2009;.
  18. Buchanich J, Youk AO, Marsh GM, Bornemann ZB, Lacey SE, Kennedy KJ, Esmen NA. Methodological Issues in a Retrospective Cancer Incidence Study [abstract]. 2009;.
  19. Buchanich J, Youk AO, Marsh GM, Cunningham MA, Lieberman FS, Kennedy KJ, Esmen NA, Lacey SE, Hancock R. Methodological Issues with Non-Malignant CNS Incidence Analyses [abstract]. 2009;.
  20. Marsh GM, Buchanich J, Youk AO, Cunningham MA, Lieberman FS, Kennedy KJ, Esmen NA, Lacey SE, Hancock R. General Methodology for Malignant CNS Incidence Analyses [abstract]. 2009;.
  21. Kennedy KJ, Lacey SE, Hancock R, Esmen NA, Buchanich J, Youk AO, Cunningham MA, Marsh GM, Lieberman FS. Exposure reconstruction for epidemiologic studies of brain cancer mortality and incidence among a cohort of jet engine manufacturing workers: an update [abstract]. 2009;.
  22. Youk AO, Buchanich JM, Marsh GM, Fryzek J. A Study of Cancer Mortality Rates in High Altitude Counties of the United States. [abstract]. 2010;.
  23. Buchanich J, Youk AO, Marsh GM, Bornemann ZB, Lacey SE, Kennedy KJ, Esmen NA. A Comparison of Central Nervous System Cancer Identification Using Mortality and Incidence Data [abstract]. In: Society for Epidemiological Research, Annual Meeting; American Journal of Epidemiology. 2010;.



24. Buchanich J, Youk AO, Marsh GM, Bornemann Z, Lacey SE, Kennedy KJ, Esmen NA. A Comparison of Central Nervous System Cancer Identification Using Mortality and Incidence Data. [abstract]. Seattle, WA 2010.

### **Other Publications**

1. Marsh GM, Youk AO, Buchanich JM, Esmen NA. Mortality Patterns among Employees of the Eli Lilly & Co., Clinton, IN Plant. Final Report Submitted to Eli Lilly & Co., October 1998.
2. Marsh GM, Youk AO, Buchanich JM: Cohort Mortality Study of the Wallingford, Connecticut Plant. Additional Investigations of Pharyngeal Cancers. Technical Report Submitted to Cytec Industries, Inc., March 2001.
3. Marsh GM, Youk AO, Buchanich JM: Cohort Mortality Study of Workers of the GenCorp Lawrence, Massachusetts Plastics Producing Plant. Technical Report Submitted to TERRA, Inc., May 2001.
4. Marsh GM, Youk AO, Stone RA, Buchanich JM, Gula MJ. Re: Historical Cohort Study of US Man-Made Vitreous Fiber Production Workers. Response to a Letter to the Editor. *J Occ Env Med* 2002; 44(44)107-108.
5. Marsh GM, Buchanich JM, Youk AO. Mortality Surveillance and Epidemiologic Support Program for Owens Corning, 2002 Demonstration Report. Technical Report Submitted to Owens Corning, December 2002.
6. Marsh GM, Youk AO, Buchanich JM. Mortality Surveillance and Epidemiologic Support Program for Solutia, Inc. Report for a 13-Plant Aggregate. Technical Report Submitted to Solutia, Inc., January 2003.
7. Marsh GM, Cassidy LD, Buchanich JM. Hospital Satisfaction Survey (Study Year 2004 - Data Year 2003). Final Report Submitted to Gateway Health Plan, January 2004.
8. Marsh GM, Cassidy LD, Buchanich JM. Primary Care and Specialty Care Practitioners' Survey (Study Year 2004 - Data Year 2003). Final Report Submitted to Gateway Health Plan, January 2004.
9. Marsh GM, Cassidy LD, Buchanich JM. Primary Care and Specialty Care Practitioners' Survey (Data Year 2004). Final Report Submitted to Gateway Health Plan, November 2004.
10. Marsh GM, Cassidy LD, Buchanich JM. Hospital Satisfaction Survey (Data Year 2004). Final Report Submitted to Gateway Health Plan, November 2004.
11. Marsh GM, Youk AO, Buchanich JM. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2004 Project Report. Technical Report Submitted to Owens Corning, December 2004.
12. Marsh GM, Youk AO, Buchanich JM. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2005 Project Report. Technical Report Submitted to Owens Corning, October 2005.
13. Marsh GM, Youk AO, Buchanich JM. BP Whiting Refinery Epidemiology Study: Final Report. Technical Report Submitted to BP, July 2006.
14. Marsh GM, Youk AO, Buchanich JM. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2006 Project Report. Technical Report Submitted to Owens Corning, December 2006.
15. Marsh GM, Esmen NA, Buchanich JM, Youk AO: Copperhill Cohort Mortality Study Update: Final Report (Phase IV). Technical Report Submitted to National Institute of Occupational Safety and Health (NIOSH), March 2007.

16. Marsh GM, Buchanich JM, Youk AO. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2007 Project Report. Technical Report Submitted to Owens Corning, December 2007.
17. Marsh GM, Youk AO, Buchanich JM, Cunningham MA. Mortality Patterns among Employees of the Eli Lilly & Co., Tippecanoe, IN Plant. Technical Report Submitted to Eli Lilly and Company, December 2007.
18. Marsh GM, Buchanich JM, Esmen NA, Lacey SE, Kennedy KJ. Tungsten Industry Phase Two Study: Progress Report to Sponsors. Technical Report Submitted to the International Tungsten Industry Association, February 2008.
19. Marsh GM, Buchanich JM, Cunningham MA. Evaluation of Confounding by Smoking in Workers Exposed to Diesel Exhaust. Technical Report Submitted to the International Truck and Engine Corporation, May 2008.
20. Marsh GM, Buchanich JM, Esmen NA, Lacey SE, Kennedy KJ. Tungsten Industry Phase Two Study: Progress Report to Sponsors. Technical Report Submitted to the International Tungsten Industry Association, June 2008.
21. Marsh GM, Buchanich JM, Esmen NA, Lacey SE, Kennedy KJ. Cohort Mortality Study of Workers Exposed to Tungsten Carbide with a Cobalt Binder: Phase 2 Study Final Report and Phase 3 Study Proposal. Technical Report Submitted to the International Tungsten Industry Association, November 2008.
22. Marsh GM, Buchanich JM, Youk AO. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2008 Project Report. Technical Report Submitted to Owens Corning, December 2008.
23. Marsh GM, Buchanich JM, Lieberman FS. The Epidemiology and Biostatistical Component of the Pratt & Whitney Cohort Mortality and Cancer Incidence Study: Progress Report to Sponsor. Technical Report Submitted to Pratt & Whitney, March 2009.
24. Marsh GM, Buchanich JM, Youk AO. National Toxicology Program Draft Background Document on Glass Wool Fibers. Technical Report for presentation at the NTP Report on Carcinogens, Expert Panel Meeting, May 2009.
25. Marsh GM, Buchanich JM, Lieberman FS. The Epidemiology and Biostatistical Component of the Pratt & Whitney Cohort Mortality and Cancer Incidence Study: Progress Report to Scientific Advisory Council. Technical Report Submitted to Connecticut Department of Public Health, May 2009.
26. Marsh GM, Buchanich JM, Youk AO. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2009 Project Report. Technical Report Submitted to Owens Corning, December 2009.
27. Marsh GM, Buchanich JM, Youk AO. Comments on the September 29, 2009 Draft of the IRIS Toxicological Review for Chloroprene. Technical Report for presentation at the NTP Report on Carcinogens, Expert Panel Meeting, December 2009.
28. Marsh GM, Buchanich JM, Youk AO. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2010 Project Report. Technical Report Submitted to Owens Corning, February 2011.
29. Buchanich, JM; Talbott, EO. ARIES Area 6 Community Health and Mining. Final Report, Presented to ARIES, May 2012.

30. Marsh GM, Buchanich JM, YOUK AO, Downing S. Mortality Surveillance and Epidemiologic Support Program for Owens Corning: 2012 Project Report. Technical Report Submitted to Owens Corning, December 2012.
31. ARIES Technical Bulletin No. 2: MORTALITY RATES IN APPALACHIAN COAL MINING COUNTIES. Buchanich, JM; Youk, AO; Talbott, EO; Potter, AN; Marshall, LP. April 2013.
32. Buchanich, JM. Mertz, K. Washington, TL. Updated and Expanded Study of Polycythemia Vera and Other Myeloproliferative Neoplasms in the Tri-County Area: FINAL REPORT to Pennsylvania Department of Health. February 2013.

## RESEARCH

### Current research support

Funding Agency: Alpha Foundation  
 Title of Grant: Connecting Dust Characteristics and Worker Health in Underground Coal Mining  
 Principal Investigator: Jeanine Buchanich  
 Buchanich Role on Grant: PI (sole)  
 Years Inclusive: 11/2013 - 10/2016  
 Percent Effort: 20.0 %  
 Total Direct Costs: \$737,000  
 Total Amount Awarded: \$797,000

Funding Agency: National Eye Institute, NIH  
 Grant Number: 2 R01 EY014943-06  
 Title of Grant: Complications of Immunosuppression for Eye Diseases (Kempen, John PI)  
 Principal Investigator: John Kempen  
 Buchanich Role on Grant: PI (sole)  
 Years Inclusive: 9/2010 - 8/2014  
 Percent Effort: 24.0 %  
 Total Direct Costs: \$125,000

Funding Agency: Appalachian Research Initiative for Environmental Science  
 Title of Grant: Health in Coal Mining and Non-Coal Mining Counties in Appalachia  
 Principal Investigator: Jeanine Buchanich  
 Buchanich Role on Grant: PI (sole)  
 Years Inclusive: 7/2012 - 6/2014  
 Percent Effort: 20.0 %  
 Total Direct Costs: \$220,000

Funding Agency: International Tungsten Industry Association  
 Title of Grant: Tungsten Carbide with Cobalt Binder: Phase 3 Study  
 Principal Investigator: Gary Marsh

Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 11/2011 - 6/2014  
Percent Effort: 10.0 %  
Total Direct Costs: \$1,000,000

Funding Agency: Appalachian Research Initiative for Environmental Science  
Title of Grant: Health in Coal Mining and Non-Coal Mining Counties in Appalachia  
Principal Investigator: Jeanine Buchanich  
Buchanich Role on Grant: PI (sole)  
Years Inclusive: 7/1/2013 - 12/31/2013  
Percent Effort: 20.0 %  
Total Direct Costs: \$20,000

#### **Pending research support**

Funding Agency: PA Department of Health  
Title of Grant: Healthcare Associated Infections in PA  
Principal Investigator: Jeanine Buchanich  
Buchanich Role on Grant: PI (sole)  
Years Inclusive: 6/30/2013 - 7/31/2014  
Percent Effort: 10.0 %  
Total Direct Costs: \$35,000  
Total Amount Awarded: \$39,000

#### **Past research support**

Funding Agency: Owens Corning  
Title of Grant: Mortality Surveillance and the Epidemiologic Support Program for Owens Corning  
Principal Investigator: Gary Marsh  
Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 1/2009 - 12/2012  
Percent Effort: 10.0 %  
Total Direct Costs: \$150,000

Funding Agency: Pennsylvania Department of Health  
Title of Grant: Updated and Expanded Study of Polycythemia Vera and Other Myeloproliferative Neoplasms in the Tri-County Area  
Principal Investigator: Jeanine Buchanich  
Buchanich Role on Grant: PI (sole)  
Years Inclusive: 3/2010 - 9/2012  
Percent Effort: 20.0 %  
Total Direct Costs: \$272,211

Funding Agency: Appalachian Research Initiative for Environmental Science  
Title of Grant: ARIES Community Well-Being Study  
Principal Investigator: Jeanine Buchanich  
Buchanich Role on Grant: PI (sole)  
Years Inclusive: 1/2012 - 3/2012  
Percent Effort: 20.0 %  
Total Direct Costs: \$45,000

Funding Agency: Pennsylvania Department of Health  
Title of Grant: Tungsten Carbide with Cobalt Binder: Phase 3 Part 2  
Principal Investigator: Gary Marsh  
Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 2011 - 2012  
Percent Effort: 10.0 %  
Total Direct Costs: \$86,000

Funding Agency: Pratt & Whitney  
Title of Grant: Epidemiology and Biostatistical Component of the Pratt & Whitney Exploratory Cohort Mortality Study  
Principal Investigator: Gary Marsh  
Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 2008 - 2012  
Percent Effort: 50.0 %  
Total Direct Costs: \$3,680,000

Funding Agency: NIH  
Grant Number: LOI3-SL-01-A  
Title of Grant: National Children's Study: Evaluation of Commercial Resources for Tracing/Locating NCS Participants  
Principal Investigator: Jeanine Buchanich  
Buchanich Role on Grant: PI (sole)  
Years Inclusive: 1/2011 - 9/2011  
Percent Effort: 20.0 %  
Total Direct Costs: \$50,000

Funding Agency: Pennsylvania Department of Health  
Title of Grant: Tungsten Carbide Worker Epidemiology Study-Phase III, Part 1  
Principal Investigator: Gary Marsh  
Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 2009 - 2011

Percent Effort: 35.0 %  
Total Direct Costs: \$375,000

Funding Agency: International Tungsten Industry Association  
Title of Grant: Tungsten Industry Phase Two Study  
Principal Investigator: Gary Marsh  
Buchanich Role on Grant: Co-Investigator  
Years Inclusive: 2008 - 2009  
Percent Effort: 20.0 %  
Total Direct Costs: \$100,000

## OTHER SCHOLARLY ACTIVITIES

### Editorial Board(s)

2011 - Present Member, Case Reports in Oncological Medicine  
7/2013 - 7/2014 Member, Advances in Medicine  
10/2013 - Present Member, Advances in Epidemiology

### Manuscript Reviewer

2007 - 2007 Reviewer, Journal of Occupational and Environmental Hygiene  
2007 - Present Reviewer, American Journal of Epidemiology  
2008 - 2008 Reviewer, The Open Epidemiology Journal (TOEPIJ)  
2009 - 2009 Reviewer, Critical Reviews in Toxicology  
2009 - Present Reviewer, Annals of Epidemiology  
2010 - Present Reviewer, Journal of Occupational and Environmental Medicine

### Grant Reviewer

2007 - Present Reviewer, WorkSafe BC  
2009 - 2009 Chair, CDC Grants for Public Health Dissertation Special Emphasis Panel

### Conference Planning & Review

2011 - Present Reviewer, Society of Epidemiologic Research Annual Meeting  
Abstract Reviewer  
2/2013 - Present Reviewer, American College of Epidemiology Annual Scientific Meeting

### Other Review Activities

2012 - Present Reviewer, ASPH/CDC Allan Rosenfield Global Health Fellowship Program  
4/2013 - Present Reviewer, ASPH/CDC Public Health Fellowship Program

## INVITED PRESENTATIONS

1. Buchanich J. Looking for Risk Factors for CTCL. Presented at: 13th Annual Brian V. Jegasothy Support Group for CTCL; 2010 Oct; Pittsburgh, PA.
2. Buchanich J. Methodological Issues in a Retrospective Cancer Incidence Study. Presented at: Cancer Registry Data Access for Research - Streamlining the Research Regulatory Process; 2012 May; Pittsburgh, PA.

3. Buchanich J, Talbott E, Potter AP, Marshall LP. Mortality in Appalachian Coal Mining and Non-Coal Mining Counties. Presented at: ARIES Annual Investigators' Meeting; 2012 Sep; Morgantown, WV.
4. Buchanich J. Use of Cancer Registry Data in an Epidemiologic Investigation. Presented at: Pennsylvania Association of Cancer Registrars' Annual Meeting; 2012 Sep; Pittsburgh, PA.
5. Buchanich J, Starbuck B. Effective Communication Skills. Presented at: Conference for Statistical Practice; 2013 Feb 21; New Orleans, LA.
6. Buchanich J. Effective Communication Skills. Presented at: ASA Annual Chapter Meeting; 2013 Mar 22; Philadelphia, PA.
7. Talbott E, Marshall LP, Brink LL, Buchanich J. 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.
8. Marsh GM, Buchanich J, Downing S. An International Historical Cohort Study of Hard Metal Workers. Presented at: 2013 EPICOH Meeting; 2013 Jun 18-21; Utrecht, The Netherlands.
9. Marsh GM, Buchanich J, Downing S. "Evaluating Health Effects of Exposure to Acrylonitrile": A Comprehensive Research Program at the University of Pittsburgh". Presented at: 2013 EPICOH Meeting; 2013 Jun 18-21; Utrecht, The Netherlands.

### **OTHER PRESENTATIONS**

1. Marsh GM, Buchanich J, Lieberman FS, Youk AO. An epidemiological study of brain cancer mortality and incidence among a cohort of jet engine manufacturing workers. Poster presented at: Society of Neuro-Oncology Annual Meeting; 2006 Nov; Orlando, FL.
2. Buchanich J, Songer TJ. A Decision Making Rule for Mild Head Injury in Very Young Children. Presented at: 29th Annual Meeting of the Society for Medical Decision Making; 2007.
3. Buchanich J, Bornemann ZB, Marsh GM, Youk AO, Lieberman FS. An epidemiological study of brain cancer incidence among a cohort of jet engine manufacturing workers: methodological issues. Presented at: 2008 Society of Neuro-Oncology Annual Meeting; 2008; Las Vegas, NV.
4. Youk AO, Buchanich J, Marsh GM, Fryzek J, Cunningham M. A Study of Cancer Mortality Rates in High Altitude Counties of the United States. Presented at: Dean's Junior Faculty Seminar Series; 2008; Pittsburgh, PA.
5. Buchanich J, Marsh GM, Esmen NA, Youk AO, Kennedy KJ. Cerebrovascular Mortality among Arsenic-Exposed Copper Smelter Workers. Presented at: British Occupational Hygiene Society (BOHS); 2009 Apr; Eastbourne, England,.
6. Youk AO, Buchanich J, Marsh GM, Fryzek J, Cunningham M. An Ecological Study of Cancer Mortality Rates in High Altitude Counties of the United States. Poster presented at: SER Annual Meeting; 2010; Seattle, WA.
7. Buchanich J, Kennedy KJ, Marsh GM, Esmen NA. Communicating Environmental and Occupational Health Risks to Stakeholders: Avoiding Mistrust and Garnering Support. Presented at: Environmental Health; 2011; Salvador, Brazil.

8. Buchanich J, Talbott E, Potter A, Marshall L. Comparison of Mortality Rates between Appalachian Coal Mining Counties and Non-Coal Mining Counties. Presented at: Environmental Considerations in Energy Production; 2013 Apr 15-17; Charleston, WV.

## TEACHING

### Graduate Courses

<b>Year(s)</b>	<b>Course Number &amp; Title</b>	<b>Role</b>
2009 - 2010	BIOS 2025, Departmental Seminar	Coordinator
2009 - Present	Public Health 2011, Essentials of Public Health	Mentor
2010 - Present	BIOS 2058, Scientific Communication Skills	Primary Instructor
2012 - 2012	BIOS 2087, Consulting Practicum	Co-Instructor
5/7/2012 - 8/11/2012	BIOST - 2021 - 19928, SPECIAL STUDIES	Primary Instructor
8/2012 - Present	BIOS 2087, Consulting Practicum	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2058 - 22358, SCIENTFC COMMUNICATION SKILLS	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2087 - 15651, BIOST CONSULTING PRACTICUM	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2087 - 21160, BIOST CONSULTING PRACTICUM	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2087 - 21161, BIOST CONSULTING PRACTICUM	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2087 - 21162, BIOST CONSULTING PRACTICUM	Primary Instructor
8/27/2012 - 12/15/2012	BIOST - 2087 - 21163, BIOST CONSULTING PRACTICUM	Primary Instructor
1/2013 - 2/2013	Epid 2230, Advanced Topics in Epidemiological Methods	Guest Lecturer
1/7/2013 - 4/27/2013	BIOST - 2021 - 23420, SPECIAL STUDIES	Primary Instructor
1/7/2013 - 4/27/2013	BIOST - 2087 - 15040, BIOST CONSULTING PRACTICUM	Primary Instructor
1/7/2013 - 4/27/2013	BIOST - 2087 - 20387, BIOST CONSULTING PRACTICUM	Primary Instructor
1/7/2013 - 4/27/2013	BIOST - 2087 - 20388, BIOST CONSULTING PRACTICUM	Primary Instructor
1/7/2013 - 4/27/2013	BIOST - 2087 - 20389, BIOST CONSULTING PRACTICUM	Primary Instructor
1/7/2013 - 4/27/2013	BIOST - 2087 - 20390, BIOST CONSULTING PRACTICUM	Primary Instructor
5/6/2013 - 8/10/2013	BIOST - 2021 - 19246, SPECIAL STUDIES	Primary Instructor
8/26/2013 - 12/14/2013	BIOST - 2021 - 22353, SPECIAL STUDIES	Primary Instructor



8/26/2013 - 12/14/2013	BIOST - 2087 - 15214, BIOST CONSULTING PRACTICUM	Primary Instructor
8/26/2013 - 12/14/2013	BIOST - 2087 - 20282, BIOST CONSULTING PRACTICUM	Primary Instructor
8/26/2013 - 12/14/2013	BIOST - 2087 - 20283, BIOST CONSULTING PRACTICUM	Primary Instructor
8/26/2013 - 12/14/2013	BIOST - 2087 - 20284, BIOST CONSULTING PRACTICUM	Primary Instructor
8/26/2013 - 12/14/2013	BIOST - 2087 - 20285, BIOST CONSULTING PRACTICUM	Primary Instructor

### Continuing Education

7/2012	Buchanich J. Scientific Presentation Skills: Train the Trainer. 8.0 hrs, Joint Statistical Meetings, ASA.
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### MENTORING AND ADVISING

#### Master's Students

Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2008 - 2008	Shanna Horvatin MS (6/2008) Worker Ability to Recall Personal Occupational History	Committee member
2008 - 2009	Hui Xu MS (4/2009) Comparison Between Respondents And Non-Respondents In A Nested Case- Control Study Of Brain Tumors	Committee member
2008 - 2009	Hyoung Frank Ryou MS (4/2009) Occupational Injuries in a Cohort of Jet Engine Manufacturing Facility	Committee member
2008 - 2009	Xiaoxue Li MS (4/2009) Comparing the three methods: stratified log-rank test, Cox proportional hazard model, stratified proportional hazard model, and their impact on meta analysis	Committee member
2010 - 2010	Lei Zhou MS (4/2010) Variation in use of \$4 generic program and potential savings among medicare part D beneficiaries	Committee member

2010 - 2010	Chirag Patel MS (6/2010) Chemosensory and irritant properties of chemicals as factors driving temporal trends	Committee member
2010 - 2012	Jennifer Cooper MS (4/2012) Mechanisms driving the effect of weight loss on arterial stiffness	Advisor
2010 - Present	John T. Walters Undecided	Advisor
2011 - Present	Fangfang Cheng MS (expected 6/2013) Historical Mortality Patterns of Polycythemia Vera	Advisor
8/2012 - Present	Jordan Smith MS (expected 4/2013) Medical Student Demographics and Attitudes as Predictors for Future Rural Practice	Thesis Advisor
9/2012 - Present	Kelsey Baker Undecided	Advisor
9/2012 - Present	Laura Berbert Undecided	Advisor
1/2013 - Present	Katrina Zell MS (expected 4/2013) AN ANALYSIS OF SURVEY DATA FOR ESTIMATING MARCELLUS SHALE PERCEPTIONS	Committee Member
1/2013 - Present	Annabel Ferguson MS (expected 6/2013) Interrater Reliability of C. Elegans Lifestage	Committee Member

### Doctoral Students

Year(s)	Student's Name & Degree/Discipline	Advisor's Role
2009 - 2010	Jennifer Pearce	Committee member

PhD (6/2010)  
 A Novel Method for Reducing the  
 Number of Agents to be Studied in an  
 Occupational Epidemiological Study

9/2011 - Present	Andrew Potter Undecided	Research supervisor
9/2012 - 4/2013	Ryan Kunkle	Research supervisor
3/2013 - Present	Shaina Smith	Qualifying Exam Committee Member

## SERVICE

### Service to Internal Organizations

#### Department Committees

2009 - Present	Grader, PhD Preliminary Exam, Public Health Subcommittee
2009 - Present	Scientific Reviewer for new IRB proposals
2010 - 2011	Member, Social Committee
2010 - Present	Member, PhD Preliminary Exam, Public Health Subcommittee
2010 - Present	Grader, PhD Preliminary Exam, Applied Subcommittee
2010 - Present	Member, Masters Program Committee
2011 - Present	Grader, Master Comprehensive Exam
2011 - Present	Chair, Social Committee
2011 - Present	Chair, Dean's Day Department Awards
2011 - Present	Faculty liaison for student representatives
2012 - Present	Chair, Masters Comprehensive Exam

#### School/University Committees

2009 - 2010	Dean's Day abstract preparation
2009 - Present	Dean's Day Judge
2010 - Present	Member, University Faculty Assembly
2010 - Present	Member, Plant Utilization and Planning Committee
2011 - Present	Member, University Senate

### Service to External Organizations

#### External Committees

2009 - Present	Member, International Online Medical Conference, Scientific Committee
2010 - 2011	Member, ASPH Global Health Core Competency Development: Domain 2, Collaboration and Partnering Committee
3/2013 - Present	Organizing Committee, British Occupational Hygiene Society Inhaled Particles XI

4/2013 - Present      Member, SER Membership/Nominations Committee

**Other Professional Activities**

2005 - Present      Parent Volunteer, Deer Lakes School District  
2007 - 2010      Brownie Leader, Troop 50543  
2007 - Present      Parent Volunteer, Deer Lakes Aquatic Club  
2010 - 2012      President, Deer Lakes Aquatic Club  
2012 - Present      Past President, Deer Lakes Aquatic Club