

CURRICULUM VITAE

Carol Bigelow

PERSONAL DATA

Date of Birth June 9, 1956
Place of Birth Boston, Massachusetts
Marital Status Married

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EDUCATION

1984 Ph.D., Biostatistics
University of Washington, Seattle, WA

1982 M.S., Biostatistics,
University of Washington, Seattle, WA

1978 B.A., Chemistry and Mathematics,
Skidmore College, Saratoga Springs, NY

PROFESSIONAL APPOINTMENTS

2015-Present Program Head, Program in Biostatistics, Department of Biostatistics and Epidemiology, University of Massachusetts, Amherst, MA

2010-2015 Division Director, Division of Biostatistics and Epidemiology, Dept of Public Health, University of Massachusetts, Amherst, MA

1998-Present Research Associate Professor, Biostatistics and Epidemiology, University of Massachusetts, Amherst, MA

1988-1998 Research Assistant Professor, School of Public Health and Health Sciences, University of Massachusetts, Amherst, MA.

1985-1987 Assistant Professor, Division of Biometry and Medical Informatics, Department of Community and Family Medicine, Duke University Medical Center, Durham, NC.

- 1985-1987 Adjunct Assistant Professor, Department of Biostatistics, University of North Carolina, Chapel Hill, NC.
- 1984-1985 Post-doctoral Fellow, Department of Biostatistics, University of North Carolina, Chapel Hill, NC.
- 1982 Teaching Assistant, Department of Statistics, University of Washington, Seattle, WA.
- 1980 Teaching Assistant, Department of Biostatistics, University of Washington, Seattle, WA.
- 1979-1980 Research Assistant, Department of Oral Medicine, University of Washington, Seattle, WA
- 1978-1979 Research Assistant, United States Public Health Services Hospital, Seattle, WA

HONORS

- 1981-1984 National Research Service Award from N.I.H.
- 1978-1981 Graduate Opportunities Award for Women and Minorities, The Graduate School, University of Washington, Seattle, WA
- 1978 Phi Beta Kappa, Skidmore College, Saratoga Springs, NY

PROFESSIONAL SOCIETIES

- Developer, Editor, and Webmaster, Section on Teaching Statistics in the Health Sciences Resources Portal, American Statistical Association, 2016 -Present
- Director, Section on Teaching Statistics in the Health Sciences Resources Portal, American Statistical Association, 2014-2015
- Chair, Section on Teaching Statistics in the Health Sciences American Statistical Association, 2012
- Program Chair, Section on Teaching Statistics in the Health Sciences American Statistical Association, 2009
- American Statistical Association, 1980-present
- Biometric Society, 1980-Present
- American Association of Public Health, 1994-1995, 1997-1998
- Society for Epidemiological Research, 2001

BUSINESS EXPERIENCE

2001-2008 Applied Health Statistics, Inc (President)
59 Butterhill Road
Pelham, Massachusetts 01002

1993-2001 Applied Epidemiology, Inc. (Senior Biostatistician)
479 West Street
Amherst, Massachusetts

1995 General Service Office of Alcoholics Anonymous (Consultant)
Grand Central Station
PO Box 459
New York, New York

TEACHING EXPERIENCE

<u>Date</u>	<u>Institution</u>	<u>Title</u>
1986-1987 (2 times)	Duke University	Design of Etiological, Clinical and Experimental Studies
1987	Duke University	Statistical Issues in Study Design and Critique of Medical Literature
1988- present (annually)	University of Massachusetts	Introductory Biostatistics
1989- present (annually)	University of Massachusetts	Intermediate Biostatistics
1988	University of Massachusetts	Categorical Data Methods in Public Health
1992	University of Massachusetts	Statistical Methods for Clinical Trials
1993-95, 1997 (4 times)	Akademie für Öffentliche Gesundheit e. v	Intensive Course in Occupational Epidemiology (one of 3 instructors in week long intensive course)
1995 & 2009-present (annually)	University of Massachusetts	Data Management and Applied Data Analysis with Stata
1998	Harvard Institute for International Development Bratislava, Slovakia	Computer Analysis of Occupational Epidemiological Data
2000	Akademie für Öffentliche Gesundheit e. v Berlin, Germany	Biostatistics for Epidemiology (week long intensive course)

2001-2003 (3 times)	Pharmaceutical Education & Research Institute	Principles for Basic Clinical Research Design (2 day course team taught with Stephen Gehlbach, MD and Michael Sprafka, PhD)
1999-2009 (11 times)	Akademie für Öffentliche Gesundheit e. v Münster, Germany	Biostatistics for Epidemiology (week long intensive course)
2002	University of Massachusetts	Information Systems in Pubic Health (team taught with Elaine Puleo, PhD)
2003	Pharmaceutical Education & Research Institute	Practical Research Designs in Phase II, III, and IV Clinical Research (2 day course with Stephen Gehlbach, MD and Michael Sprafka, PhD)
2003-10 (annually)	University of Massachusetts PHP Online Degree Program	Introductory Biostatistics (Fully Online)

RESEARCH EXPERIENCE

<u>Date</u>	<u>Institution</u>	<u>Title (Role)</u>
1988-91	NHLBI HL39880	Child and Adolescent Trial for Cardiovascular Health (Deputy Director of Coordinating Center)
1990-92	State of California	Comparison of Rate of Progression of Alzheimer's Disease in Subjects with Early and Late Age of Onset (Biostatistician)
1990-1994	NIDA R18DA06151	Four Treatment Models for AIDS Prevention (Biostatistician)
1991-93	AHCPR HS06874	Validating Women's Self-Report of Mammogram Experience (Biostatistician)
1994	Univ. of Mass Faculty Research Grant	Quantal Analysis of Neurotransmitter Release (Principal Investigator)
1996-98	National Science Foundation	Development of Selective Connectivity in a Simple Nervous System (Co-Investigator)
1996-00	National Institutes Of Health	Interventions to Reduce HBV, HCV and HIV in IDU's (Co-Investigator)
1996-00	National Institutes Of Health	Cancer Prevention and Control Education (Intercampus coordinator and Co-Investigator)

RESEARCH EXPERIENCE - continued

<u>Date</u>	<u>Institution</u>	<u>Title (Role)</u>
1997-98	Procter and Gamble	Recognition of Vertebral Fracture in a Clinical Setting. (Biostatistician)
2001-02	National Institutes of Health	Social Inequalities in Occupational Health and Health Services (Co-Investigator)
2002-03	National Institutes of Health Office of Safety and Health	Hospitalized Care for the Injured Worker (Co-Investigator)
2002-04	Department of Defense	Intervention Study of Flaxseed in Postmenopausal Women: Effects on Hormonal Biomarkers of Breast Cancer Risk. (Co-Investigator)
2002-2006	SAMHSA	Minority HIV/AIDS Mental Health Services Program (Co-Investigator)
2004-07	EPA	Low Dose Effects of Thyroid Toxicant on Neurodevelopment (Co-Investigator)
2005	Rays of Hope Foundation	“Atypia” Database Management System (Principal Investigator)
2006-2011	Avon Foundation	Effects of Age and Parity on Gene Expression Signatures Associated with p53-Mediated Prophylaxis (Co-Investigator)
2007	Univ of Mass/CBRP	DMBT-1 Expression, Atypical Hyperplasia and Gail Model Risk (Co-Principal Investigator)
2007-2009	Premier Perspective Contract to Baystate Health	Effect of Influenza on the Association Between Inpatient Statin Use and Mortality from Pneumonia (Co-Principal Investigator)
2008-2013	National Institutes of Health	Role of a Novel Angiogenic Factor, YKL-40, in Breast Cancer Progression (Co-Investigator)
2009-2010	Avon Foundation	Transcriptional Changes in Breast Tissue Associated with Parity and Age (Co-Investigator)

2010-2011	Rays of Hope Foundation	Relationship of BMI and Insulin Levels with Expression of Factors Involved in Fatty Acid Synthesis in Women (Co-Investigator)
2010-2012	National Institutes of Health	Urinary Levels of Melatonin and Risk of Breast Cancer (Co-Investigator)
2008-2013	National Institutes of Health	Role of a Novel Angiogenic Factor, YKL-40, in Risk of Breast Cancer Prevention (Co-Investigator)
2013	Rays of Hope Center for Breast Cancer Research	Rays of Hope Breast Cancer Registry Description (Principal Investigator)
2013-2014	American Statistical Association Member Initiatives	Teaching of Statistics in the Health Sciences - Resources Portal Development (Principal Investigator)
2014	American Statistical Association Biometrics Section	Teaching of Statistics in the Health Sciences Resources Portal – Best Practices (Principal Investigator)
2015-2018	National Institutes of Health	Phthalate Metabolites and Breast Cancer Risk in the Women’s Health Initiative (Co-Investigator)

OTHER SUPPORT EXPERIENCE

<u>Date</u>	<u>Institution</u>	<u>Title (Role)</u>
1997	Univ. of Mass. Office of Information Technology Course Development Grant	Information Systems in Public Health (Principal Investigator)
2000-01	BHE- CITI	Information Systems in Public Health (Principal Investigator on grant to develop a web enhanced course on this topic.

Publications

Complete List of Published Work in My Bibliography:

https://www.ncbi.nlm.nih.gov/sites/myncbi/11Ej-H_6B8gAJ/bibliography/47479997/public/?sort=date&direction=ascending

- Stiefel D, Shaffer SM, **Bigelow C.** (1981) Dentists' availability to treat the disabled patient. *Special Care in Dentistry*, 1(6):244-9.
- Bigelow C.** (1984) Randomization methods in the analysis of repeated measurements designs. Doctoral dissertation. University of Washington, Seattle.
- Harpole DH, **Bigelow C**, Young WG, Wolfe WG, Sabiston DC, Jr (1988) Alveolar cell carcinoma of the lung: A retrospective analysis of 205 patients. *Annals of Thoracic Surgery* 46:502-7.
- Goldin A, **Bigelow C** and Veneman PLM (1990) Resource Recovery Incinerator Ash: Chemical and Physical Characteristics, Management and Regulatory Aspects. Environmental Institute, University of Massachusetts, Amherst, Massachusetts. 65 pp.
- Goldin A, **Bigelow C** and Veneman PLM (1991) Resource Recovery Incinerator Ash: Characteristics, Management and Regulatory Aspects. Final Report. Environmental Institute, University of Massachusetts, Amherst, Massachusetts. 45 pp.
- Johnson SH, **Bigelow C**, Lee KL, Pryor DB, Jones RH (1991) Prediction of death and myocardial infarction by radionuclide angiography in patients with suspected coronary artery disease. *American Journal of Cardiology* 67:919-26.
- Jones RH, Johnson SH, **Bigelow C**, Pieper KS, Coleman RE, Cobb FR, Pryor DB, Lee KL. (1991) Exercise radionuclide angiography predicts cardiac death in patients with coronary artery disease. *Circulation* 84 (Supplement I), pages I1-I58
- Goldin A, **Bigelow C**, Veneman P. (1992) Chemical and physical properties of solid waste. *Chemosphere*. 24(3):270-80.
- Hearn MD, **Bigelow C**, Nader PR, Stone EJ, Johnson CC, Parcel GS, Perry, Luepker RV (1992). Involving families in cardiovascular health promotion: CATCH feasibility study. *Journal of Health Education*. 23:22-31.
- Obarzanek E, Reed DB, **Bigelow C**, Glovsky E, Pobocik, Nicklas TA, Clesi A, Zive M, Trenkner L, Lakatos E. (1993) Fat and sodium content of school lunch foods: Calculated values and chemical analysis. *Int. J Food Sciences and Nutrition*. 44:155-65.
- Belcher JD, Ellison RC, Shepard EN, **Bigelow C**, Webber LS, Wilmore JH, Parcel GS, Zucker DM, Luepker RV (1993). Lipid and lipoprotein distributions in children by ethnic group, gender, and geographic location. *Preventive Medicine* 22:143-53.
- McCusker J, **Bigelow C**, Zapka, J, Zorn M, Stoddard AM, Lewis BF. (1994) HIV-1 antibody testing among drug users participating in AIDS education. *Patient Education and Counseling*, 24:267-78.
- McCusker J, **Bigelow C**, Stoddard AM, Zorn M. (1994) Human Immunodeficiency Virus Type 1 antibody status and changes in risk behavior among drug users. *Annals of Epidemiology*, 4:466-71.
- Snyder MP, Obarzanek E, Montgomery DH, Feldman H, Nicklas T, Raizman D, Rupp J, **Bigelow C**, Lakatos E. (1994) Reducing the fat content of ground beef in a school foodservice setting. *Journal of the American Dietetic Association*, 94(10):1135-9.

- Hindin R, McCusker J, Vickers-Lahti M, **Bigelow C**, Garfield F, Lewis B. (1994) Radioimmunoassay of hair for determination of cocaine, heroin, and marijuana exposure: comparison with self-report. *International Journal of the Addictions*, 29(6):771-89.
- McCusker J, **Bigelow C**, Frost R, Hindin R, Vickers-Lahti M, Zorn M. (1994) The relationships of HIV status and HIV risky behavior with readiness for treatment. *Drug and Alcohol Dependence*, 34:129-38.
- McCusker J, **Bigelow C**, Servigon C, Zorn M. (1994) Test-retest reliability of the Addiction Severity Index composite scores among clients in residential treatment. *American Journal on Addiction*, 3(3):254-62.
- Zapka JG, Chasan-Taber L, **Bigelow C**, Hurley T. (1994) Methodological issues for surveys of multicultural older women about mammography. *Evaluation and the Health Professions*, 17(4):485-500.
- McCusker J, **Bigelow C**, Luippold R, Zorn M. (1995) Outcomes of a 21-Day Drug Detoxification Program: Retention, Transfer to Further Treatment and HIV Risk Reduction. *American Journal of Drug and Alcohol Abuse*, 21(1):1-16.
- McCusker J, Goldstein R, **Bigelow C**, Zorn M. (1995) Psychiatric status and HIV risk reduction among residential drug abuse treatment clients. *Addiction*, 90:1377-87.
- Vickers-Lahti M, Garfield F, McCusker J, Hindin R, **Bigelow C**, Love C, Lewis B. (1995) The relationship between legal factors and attrition from a residential drug abuse treatment program. *Journal of Psychoactive Drugs*, 27(1):17-25.
- McCusker J, Vickers-Lahti M, Stoddard AM, Hindin R, **Bigelow C**, Zorn M, Garfield F, Frost R, Love C, Lewis BF. (1995) The effectiveness of alternative planned durations of residential drug abuse treatment. *American Journal of Public Health*, 85(10):1426-29.
- Morrison CR, McCusker J, Stoddard AM, **Bigelow C**. (1995) The validity of behavioral data reported by injection drug users on a clinical risk assessment. *International Journal of Addictions*, 30:889-99.
- Zapka JG, **Bigelow C**, Hurley T, Ford LD, Egelhofer J, Cloud WM, Sachsse E (1996) Mammography use among sociodemographically diverse women: The accuracy of self report. *American Journal of Public Health* 86 No 7: 1016-21.
- DeIrala J, **Bigelow C**, McCusker J, Hindin R, Zheng L. (1996) Reliability of self-reported behaviors in a residential drug treatment population. *American Journal of Epidemiology*, 143(7):725-32.
- Cheng TL, Savageau JA, DeWitt TG, **Bigelow C**, Charney E. (1996) Expectations, goals, and perceived effectiveness of child health supervision: A study of mothers in pediatric practice. *Clinical Pediatrics*, 35(3): 129-37.
- Goldstein RB, Powers SI, McCusker J, Mundt K, Lewis B, **Bigelow C**. (1996) Gender differences in manifestations of antisocial personality disorder among residential drug abuse clients. *Drug and Alcohol Dependence*, 41:35-45 .

- Cheng T, Savageau JA, **Bigelow C**, Charney E, Kumar S, DeWitt TG. (1996) Assessing mothers attitudes about the physician's role in health promotion. *American Journal of Public Health*, 86(12): 1809-12.
- McCusker J, **Bigelow C**, Frost R, Garfield F, Hindin R, Vickers-Lahti M, Lewis B. (1997) The effects of planned duration of residential drug abuse treatment on recovery and HIV risk behavior. *American Journal of Public Health* 87(10): 1637-44.
- McCusker J, **Bigelow C**, Vickers-Lahti M, Spotts D, Garfield F, Frost R. (1997) Planned duration of residential drug abuse treatment: efficacy versus effectiveness. *Addiction* 92(11): 1467-78.
- Goldberg RJ, O'Donnell C, Yarzebski J, **Bigelow C**, Savageau J, Gore JM. (1998) Gender differences in symptom presentation associated with acute myocardial infarction: A population based perspective. *American Heart Journal* 136 No. 2, 189-95.
- Goldstein RB, Powers SI, McCusker J, Lewis BF, **Bigelow C**, Mundt KA (1998) Antisocial behavioral syndromes among residential drug treatment clients. *Drug and Alcohol Dependence*. 49 No 3, 210-6.
- Schneider GA, **Bigelow C**, Amoroso PJ. (2000) Risk of reinjury among 1,214 elite army airborne soldiers. *Journal of Preventive Medicine*, 18 (3S): 156-63.
- Striker J, Luippold RS, Nagy L, Liese B, **Bigelow C**, Mundt KA. (1999) Risk factors for psychological stress among international business travelers. *Occupational and Environmental Medicine* 56: 245-52.
- Goldberg RJ, Samad NA, Yarzebski J, Gurwitz J, **Bigelow C**, Gore JM (1999). Temporal trends in cardiogenic shock complicating acute myocardial infarction *New England Journal of Medicine*. April 15; 340 (15): 1162-8.
- Gehlbach SH, **Bigelow C**, Heimisdottir M, May S, Walker M, and Kirkwood JR (2000). Recognition of vertebral fractures in a clinical setting. *Osteoporosis International* 11: 577-82.
- Schneider GA, **Bigelow C**, Amoroso PJ (2000). Evaluating risk of re-injury among 1214 army airborne soldiers using a stratified survival model *American Journal of Preventive Medicine*. 18 (3 Suppl): 156-63.
- Sulsky SI, Mundt KA, **Bigelow C**, Amoroso PJ (2000). Case-control study of discharge from the US army for disabling occupational knee injury: the role of gender, race/ethnicity, and age. *American Journal of Preventive Medicine* 18(3 Suppl): 103-11.

Demure B, Mundt KA, **Bigelow C**, Luippold RS, Ali D, Liese B (2000). Video display terminal workstation improvement program. II. Ergonomic intervention and reduction of musculoskeletal discomfort. *Journal of Occupational and Environmental Medicine* 42(8): 792-7.

Demure B, Luippold RS, **Bigelow C**, Ali D, Mundt KA, Liese B (2000). Video display terminal workstation improvement program. I. Baseline associations between musculoskeletal discomfort and ergonomic features of workstations. *Journal of Occupational and Environmental Medicine* 42(8): 783-91.

Torbey MT, Selim M, Knorr J, **Bigelow C**, Recht L (2000). Quantitative analysis of the loss of distinction between gray and white matter in comatose patients after cardiac arrest. *Stroke* 31(9): 2163-67.

Zapka JG, Luckmann R, Sulsky SI, Goins KV, **Bigelow C**, Mazor K, Quirk M. (2000) Cancer control knowledge, attitudes and perceived skills among medical students. *Journal of Cancer Education*. 15: 73-8.

Mundt KA, Dell LD, Austin RP, Luippold RS, Noess R, **Bigelow C** (2000) Historical cohort study of 10, 109 men in the North American vinyl chloride industry, 1942-72: update of mortality to 31 December 1995. *Occupational and Environmental Medicine* 57(11): 774-81.

Goldstein RB, **Bigelow C**, McCusker J, Lewis BF, Mundt KA, Powers SI (2001) Anti-social behavioral syndromes and return to drug use following residential relapse prevention/health education treatment. *American Journal of Drug and Alcohol Abuse* 27(3): 453-82.

Gehlbach SH, Fournier M, **Bigelow C** (2002) Recognition of osteoporosis by primary care physicians *American Journal of Public Health* 92(2): 271-3.

Sulksy SI, Mundt KA, **Bigelow C**, Amoroso P (2002) Risk factors for occupational knee related disability among enlisted women in the US Army. *Occupational and Environmental Medicine* 59 (9): 601-7.

Blair D, **Bigelow C**, Sweet SJ (2003) Nutritional effects of delivered bicarbonate dose in maintenance hemodialysis patients. *Journal of Renal Nutrition* 13 (3): 205-11.

Dembe AE, Mastroberti MA, Fox SE, **Bigelow C**, Banks SM (2003) Inpatient hospital care for work-related injuries and illnesses. *American Journal of Industrial Medicine* 44(4): 331-42.

May S, **Bigelow C** (2006) Modeling nonlinear dose-response relationships in epidemiologic studies: statistical approaches and practical challenges. *Dose Response* 3: 474-90.

Doubeni C, **Bigelow C**, Lessard D, Spencer F, Yarzebski J, Gore J, Gurwitz J, Goldberg R (2006) Trends and outcomes associated with angiotensin-converting enzyme inhibitors. *Am. J. Med.* Jul: 119 (7): 616 e9-16.

- Doubeni C, Field TS, Buist DS, Korner EJ, **Bigelow C**, Lamerato L, Herrinton L, Quinn VP, Hart G, Hornbrook MC, Gurwitz JH, Wagner EH (2007) Racial differences in tumor stage and survival for colorectal cancer in an insured population. *Cancer* Feb 1; 109(3): 612-20.
- Sturgeon SR, Heersink JL, Volpe SL, Bertone-Johnson ER, Puleo E, Stanczyk FZ, Sabelawski S, Wahala K, Kurzer MS, **Bigelow C** (2008) Effect of dietary flaxseed on serum levels of estrogens and androgens in postmenopausal women. *Nutr Cancer* 60 (5): 612-8.
- Shao R, Hamel K, Petersen L, Cao QJ, Arenas RB, **Bigelow C**, Bentley B, Yan W (2009) YKL-40, a secreted glycoprotein, promotes tumor angiogenesis *Oncogene* 28(50): 4456-68.
- Sturgeon SR, Volpe SL, Puleo E, Bertone-Johnson ER, Heersink J, Sabelawski S, Wahala K, **Bigelow C**, Kurzer MS (2010) Effect of flaxseed consumption on urinary levels of estrogen metabolites in postmenopausal women. *Nutr. Cancer* 62(2): 175-80.
- Tao L, Roberts AL, Dunphy KA, **Bigelow C**, Yan H, Jerry DJ (2011) Repression of mammary stem/progenitor cells by p53 is mediated by notch and separable from apoptotic activity. *Stem Cells* 29(1): 119-27.
- Clemson CM, Tzekov R, Krebs M, Checchi JM, **Bigelow C**, Kaushal S. (2011) Therapeutic potential of valproic acid for retinitis pigmentosa. *Br. J. Ophthalmol.* 2011 Jan; 95 (1): 89-93.
- Chocano-Bedoya PO, Manson JE, Hankinson SE, Willet WC, Johnson SR, Chasan-Taber L, Ronnenberg AG, **Bigelow C**, Bertone-Johnson ER (2011) Dietary B vitamin intake and incident premenstrual syndrome. *Am. J Clin. Nutr* 93(5): 1080-6.
- Shao R, Cao QJ, Arenas RB, **Bigelow C**, Bentley B, Yan W. (2011) Breast cancer expression of YKL-40 correlates with tumor grade, poor differentiation, and other cancer markers. *Br. J. Cancer* 105(8): 1203-9.
- Shao R, Scully Jr SJ, Yan W, Bentley B, Mueller J, Brown C, **Bigelow C**, Schwartz LM (2011) The novel lupus antigen protein Acheron enhances the development of human breast cancer. *Int. J. Cancer* Mar 8 [Epub ahead of print].
- Sturgeon SR, Volpe SL, Puleo E, Bertone-Johnson ER, Heersink J, Sabelawski S, Wahala K, **Bigelow C**, Kurzer MS (2011) Dietary intervention of flaxseed: Effect on serum levels of IGF-1, IGF-BP3, and C-Peptide. *Nutr. Cancer* 63(3): 376-80.
- Sun X, Casbas-Hernandez P, **Bigelow C**, Makowski L, Jerry JD, Smith Schneider S, Troester MA (2012) Normal breast tissue of obese women is enriched for macrophage markers and macrophage-associated gene expression. *Breast Cancer Res Treat.* 131(3): 1003-12.
- Rothberg MB, **Bigelow C**, Pekow PS, Lindenauer PK (2012) Association between statins given in hospital and mortality in pneumonia patients. *J. Gen. Intern Med.* 27(3): 280-6

- Radhakrishnan K, Jacelon CS, **Bigelow C**, Roche JP, Marquard JL, Bowles KH. (2013) Association of comorbidities with home care service utilization of patients with heart failure while receiving Telehealth. *J. Cardiovasc. Nurs.* 28(3): 216-27.
- Chocano-Bedoya PO, Manson JE, Hankinson SE, Johnson SR, Chasan-Taber L, Ronnenberg AG, **Bigelow C**, Bertone-Johnson ER. (2013) Intake of selected minerals and risk of premenstrual syndrome. *Am. J. Epidemiol.* 177(10): 1118-27.
- Radhakrishnan K, Jacelon CS, **Bigelow C**, Roche JP, Marquard JL, Bowles KH. (2013) Use of a homecare electronic health record to find associations between patient characteristics and re-hospitalizations in patients with heart failure using telehealth. *J Telemed Telcare.* 19(2): 107-12.
- Palmer CJ, **Bigelow C**, Van Emmerik RE (2013) Defining solder equipment trade space: load effects on combat marksmanship and perception-action coupling. *Ergonomics* 56(11): 1708-21.
- Diaz AA, Come CE, Mannino DM, Pinto-Plata V, Divo MJ, **Bigelow C**, Celli B, Washko GR (2014) Obstructive lung disease in Mexican-Americans and non-Hispanic Whites: an analysis of diagnosis and survival in the NHANES III Follow-up Study. *Chest* 145(2): 282-9.
- Sturgeon SR, Doherty A, Reeves KW, **Bigelow C**, Stanczyk FZ, Ockene JK, Liu S, Manson JE, Neuhaus ML. (2014) Urinary levels of melatonin and risk of postmenopausal breast cancer: women's initiative observational cohort. *Cancer Epidemiol Biomarkers Prev.* 23(4): 629-37
- Schwartz LM, Brown C, McLaughlin K, Smith W, **Bigelow C** (2016) The myonuclear domain is not maintained in skeletal muscle during either atrophy or programmed cell death. *American Journal of Physiology – Cell Physiology.* 311(4): C607-C615.
- Quintana-Zinn FA, Whitcomb BW, Ronnenberg AG, **Bigelow C**, Houghton SC, Bertone-Johnson ER. (2017) Premenstrual symptom patterns and behavioral risk factors in young women: A cross-sectional study. *Journal of Women's Health (2002).* 26(10): 1099-1105
- Houghton SC, Manson JE, Whitcomb BW, Hankinson SE, Troy LM, **Bigelow C**, Bertone-Johnson ER. (2017) Intake of dietary fat and fat subtypes and risk of premenstrual syndrome in the Nurses' Health Study II. *The British Journal of Nutrition.* 118(10): 849-857.
- Houghton SC, Manson JE, Whitcomb BW, Hankinson SE, Troy LM, **Bigelow C**, Bertone-Johnson ER. (2018) Carbohydrate and fiber intake and the risk of premenstrual syndrome. *European Journal of Clinical Nutrition.* 72(6): 861-870.
- Szkwarko D, Owiti P, Buziba N, **Bigelow C**, Eaton CB, Carter EJ. (2018) Implementation of an active, clinic-based child tuberculosis contact management strategy in western Kenya. *Public Health Action.* 8(2): 91-94.

Presentations

- Bigelow C**, Goldin A and Veneman PLM. Monitoring waste-to-energy incineration: Can we learn more: Proceedings of Municipal Solid Waste Technology Conference. January 30-February 1, San Diego, CA, 1989.
- Bigelow C**, Garfield FB, McCusker J, Stoddard AM. A general method for measuring change in drug abuse behavior. College on Problems of Drug Behavior. College on Problems of Drug Dependence, 54th Annual Scientific Meeting, Keystone, Colorado, June 22-23, 1992.
- McCusker J, **Bigelow C**, Frost R, Hindin R, Vickers-Lahti M. HIV status and risky behavior: Do they affect motivation for treatment? College of Drug Dependence, 54th Annual Scientific meeting, Keystone, Colorado, June 22-23, 1992.
- Hindin R, **Bigelow C**, Lewis B, McCusker J, Vickers-Lahti M. Gender differences in sharing behavior among intravenous drug users (IVDUs). VIII International conference on AIDS/III STD World Congress, Amsterdam, The Netherlands, July 19-24, 1992.
- McCusker J, Goldstein R, **Bigelow C**, Zorn M. HIV risk reduction and psychiatric diagnosis among drug users. IXth International Conference on AIDS, Berlin, June 7-11, 1993.
- McCusker J, **Bigelow C**, Stoddard A, Vickers-Lahti M, Hindin R, Lewis B, Love C, Garfield F, Frost R. Randomized evaluation of effectiveness of residential drug treatment: preliminary results. Society of Behavioral Medicine, 15th Anniversary Meeting, Boston, April 13-16, 1994.
- McCusker J, **Bigelow C**, Zorn M, Vickers-Lahti M, Garfield F, Love C. Relapse following residential drug abuse treatment on randomized controlled trial comparing 3 and 6 month treatment program. Annual Meeting, Society for Epidemiologic Research, Miami, FL, June 15-19, 1994.
- Vickers-Lahti M, McCusker J, Garfield F, Hindin R, Love C, Lewis B, **Bigelow C**. The relationship of legal factors and early attrition from a residential drug abuse treatment program. Annual Meeting, Society for Epidemiologic Research, Miami, FL, June 15-19, 1994.
- Bigelow C**, Luippold R, Puleo E. Matching the analysis to the sampling design in surveillance data. Annual Meeting, American Public Health Association, Indianapolis, IN, November 10-14, 1997.
- Luippold RS, Mundt KA, Demure B, Ali D, **Bigelow C**, Liese B. A VDT workstation improvement program: Ergonomic intervention and improvement in musculoskeletal pain. Annual Meeting, American Public Health Association, Indianapolis, IN, November 10-14, 1997.
- Bigelow C**, Mundt KA, Sulsky SI. Attributable Risk and Apportionment of Disease. Joint Annual Meeting, Society for Epidemiological Research, American College of Epidemiology, Toronto, Ontario, Canada, June 2001.
- Sturgeon SR, Heersink JL, Bertone-Johnson ER, Stanczyck F, Kurzer M, Volpe S, **Bigelow C**. Effect of Dietary Flaxseed on Serum Levels of Estrogens and Androgens in Postmenopausal Women. Department of Defense Era of Hope Meetings 2005: Philadelphia PA. June 8-11, 2005. # 61-P12.
- Bigelow C**, Pekow P. Distance Learning from the Trenches: Lessons Learned. Joint Statistical Meetings 2005: Minneapolis, MN. August 7-12, 2005. # 429.

Sulsky S, Mundt KA, Scofield R, **Bigelow C**. A critical evaluation of the use of epidemiological risk estimates as the basis of concentration-response functions. Society for Risk Analysis 2006 Annual Meeting: Baltimore MD, December 3-6, 2006. # T4-J.2

Rothberg M, Pekow PS, **Bigelow C**, Lindenauer PK. Mortality benefits of statins for pneumonia when influenza is circulating. The Third European Influenza Conference. Vilamoura, Portugal. September 14-17, 2008. SS02-4.

Zilberberg MD, **Bigelow C**, Ramsey A, Shorr AF. Epidemiology and outcomes of clostridium difficile infection among hospitalized patients with sepsis. Society for Healthcare Epidemiology of American Annual Scientific Meeting. San Diego, CA. March 19-22, 2009.

Letters

Luckmann R and **Bigelow C** (1990) Alzheimer's Disease: Age of Onset and Rate of Progression (letter to the Editor). *Journal of the American Gerontology Society* 38: 723-724.

Fisher DG and **Bigelow C** (1998) RE: Invited Commentary: Le Mystere de Montreal *American Journal of Epidemiology* 148 No 7: 714-717

Mundt KA, **Bigelow C**, van Wijngaarden E (2003) Apportionment of disease in individuals (letter) *Journal of Clinical Epidemiology* 56 No 3: 290-291.

Zoeller RT, **Bigelow C**, Rovet J (2004) Lack of a relation between human neonatal thyroxine and pediatric neurobehavioral disorders: neonatal total thyroxine is not a good proxy measure of maternal thyroid hormone insufficiency (letter to the Editor) *Thyroid* 14(3): 239-241.

Bigelow C, Schwartz LM, Zoeller RT (2008) Comments on Regulatory Determination on Perchlorate Docket EPA-HQ-OW-2008-0068. Letter to: US Environmental Protection Agency, Office of Water Docket (Mailcode: 2822T) 1200 Pennsylvania Avenue, NW, Washington DC 20460, November 10, 2008.

Tzekov R, **Bigelow C**, Clemson C, Checchi J, Krebs M, Kaushal S. (2011) Author's response. *Br. J. Ophthalmol.* 95(8): 1177-9.

Abstracts

Lambe LR, **Bigelow C**, Collins SR and Jones RH (1986) Reproducibility of first-pass RNA studies of right and left ventricular function using the Baird Scintacor (abstract submitted to the Society of Nuclear Medicine 34th Annual Meeting)

Bigelow C, McCusker J, Zorn M, Zapka J, Stoddard A, Lewis B. Predictors of behavior change among drug abusers. Abstracts of the 7th International Conference on AIDS, Florence, Italy, June 16-21, 1991.