

BARBARA BUCK KOWALCYK
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Education

University of Dayton	Mathematics	B.A., --(b)(6)--
University of Pittsburgh	Mathematics (Applied Statistics)	M.A., --(b)(6)--
University of Cincinnati	Environmental Health (Epidemiology)	Ph.D., --(b)(6)--

Professional Experience

2006 – present Center for Foodborne Illness Research & Prevention, Raleigh, NC. Chief Executive Officer. Responsible for overseeing design/implementation of research, advocacy and outreach activities that promote the organization’s mission to advance a stronger, science-based food safety system that prevents foodborne illness and improves public health.

2011 – present North Carolina State University, Raleigh, NC. Assistant Research Professor, Department of Food, Bioprocessing and Nutrition Sciences. Advise students, provide guest lectures, participate in research collaborations.

2011 – present University of North Carolina – Chapel Hill, Chapel Hill, NC. Adjunct Assistant Professor, Gillings School of Global Public Health, Department of Epidemiology. Advise students, provide guest lectures, participate in research collaborations.

2011 – present Research Triangle Institute (RTI)-International, Research Triangle Park, NC. Scientific Advisor. Provide support as needed for food safety contracts.

2007 – 2010 University of Cincinnati, Cincinnati, OH. Fellow, Molecular Epidemiology in Children’s Environmental Health, Department of Environmental Health, Division of Epidemiology and Biostatistics (2008-2010). Graduate Assistant (2007-2008).

2002 – 2006 Safe Tables Our Priority (STOP), Burlington, VT. Board President (2005-2006). Board Member (2002-2005). Provide leadership for national, non-profit, volunteer health organization dedicated to preventing suffering, illness and death due to foodborne illness. Annually elected volunteer position.

2004 – 2005 Beta Biostatistics, Madison, WI. Partner and Principal Biostatistician. Co-founded statistical consulting firm to support pharmaceutical, biotechnology, medical device and agribusiness industries. Partnership rights sold in 2005.

2001 – 2004 University of Wisconsin, Madison, WI. Assistant Researcher, Department of Biostatistics. Responsible for providing statistical support for Statistical Data Analysis Center.

1999 University of Delaware, Newark, DE. Adjunct Instructor, Department of Mathematical Sciences. Responsible for teaching Basic Statistical Practice (STAT 200).

1998 – 2001 Zeneca Pharmaceuticals, Wilmington, DE. Contract Biostatistician. Provided statistical support to Central Nervous System and Oncology therapeutic teams and for publication work for approved antipsychotic.

- 1997 – 1998 First USA Bank, Wilmington, DE. Credit Card Officer, Database Marketing. Responsible for providing statistical support to the Marketing Analysis department.
- 1994 – 1997 Zeneca Pharmaceuticals, Wilmington, DE. Associate Biostatistician. Responsible for providing statistical support to Central Nervous System therapeutic team for new antipsychotic, including planning and production of overall efficacy and safety summaries for U.S. and European submission of New Drug Application.
- 1993 – 1994 Knoll Pharmaceutical Company, Whippany, NJ. Biostatistician. Responsible for performing statistical analyses of clinical data, writing and maintaining SAS programs used in statistical analysis and tabulation, and writing the statistical evaluation presenting the results of the clinical trial.

Professional Service, Honors and Awards

- 2013 – present Food and Drug Administration (FDA) Science Board, Member
- 2013 – present ConAgra Food Safety Advisory Council, Member
- 2011 – present Center for Disease Control and Prevention (CDC) Board of Scientific Counselors Food Safety Modernization Act Surveillance Working Group, Member
- 2010 LennonOno Grant for Peace, Recipient
- 2010 Huffington Post Ultimate Game Changer in Food, Recipient
- 2009 – 2011 Institute of Medicine (IOM)-National Research Council (NRC) Committee on Review of FDA's Role in Ensuring Safe Food, Member
- 2009 – 2011 IOM-NCR Standing Committee for Review of Food Safety and Defense Risk Assessments Analyses and Data for USDA Food Safety and Inspection Service (FSIS), Member
- 2008 – 2010 Georgetown University Produce Safety Project Advisory Board, Member
- 2006 – 2008 Food Safety Research Consortium Advisory Committee, Member
- 2005 – 2009 USDA National Advisory Committee on Microbiological Criteria for Foods, Member

Publications

Kowalczyk B, Smeets H, Succop P, DeWit N, Havelaar A (2013). Relative Risk of Irritable Bowel Syndrome Following Acute Gastroenteritis and Associated Risk Factors. Accepted by *Epidemiology and Infection*.

Batz M, Henke E, **Kowalczyk B** (2013). Long-term consequences of foodborne infections. Accepted by *Infectious Disease Clinics of North America*.

Kowalczyk B, Havelaar A, Succop P et al. Assessing the Risk of Irritable Bowel Syndrome Following Acute Gastroenteritis in the Netherlands, 1998-2009. Accepted poster at the 19th United European Gastroenterology Week meeting in Stockholm, Sweden, October 22-26, 2011. Abstract to be published in *Gut/Endoscopy*.

National Academies of Science Institute of Medicine and National Research Council Committee on the Review of the Food and Drug Administration's Role in Ensuring Safe Food (2010). *Enhancing Food Safety: The Role of the Food and Drug Administration*. Washington, DC: The National Academies Press.

USDA National Advisory Committee on Microbiological Criteria for Foods. Assessment of Food as a Source of Exposure to *Mycobacterium avium* subspecies *paratuberculosis* (MAP). *Journal of Food Protection* 2007; Vol. 73 (7):1357-1397.

USDA National Advisory Committee on Microbiological Criteria for Foods. Response to Questions Posed by the Food Safety and Inspection Service Regarding Determination of the Most Appropriate Technologies for the Food Safety and Inspection Service To Adopt in Performing Routine and Baseline Microbiological Analyses. *Journal of Food Protection* 2010; Vol. 73 (6):1160–1200.

Roberts T, **Kowalczyk B**, Buck P et al. The Long-Term Health Outcomes of Selected Foodborne Pathogens. *The Center for Foodborne Illness Research & Prevention*, November 12, 2009.

USDA National Advisory Committee on Microbiological Criteria for Foods. Response to the Questions Posed by the Food Safety and Inspection Service Regarding Consumer Guidelines for the Safe Cooking of Poultry Products. *Journal of Food Protection* 2007; Vol. 70 (1):251-260.

Waller P, **Kowalczyk B**. Searching for the Source: One Family's Story. *Journal of Environmental Health* 2007; Vol. 60 (6):54-55.

Copolov DL, Link CGG, **Kowalczyk B**. A multicentre, double-blind, randomized comparison of quetiapine (ICI 204,636 'Seroquel') and haloperidol in schizophrenia. *Psychological Medicine* 2000; 30:95-105.

McManus D, Arvanitis LA, Seroquel Trial 48 Study Group. 'Seroquel' (quetiapine fumarate), a novel antipsychotic: Experience in elderly patients with psychotic disorders. *Journal of Clinical Psychiatry* 1999; 60:292-298.

King DJ, Link CGG, **Kowalczyk B**. A comparison of BID and TID dose regimens of quetiapine ('Seroquel') in the treatment of schizophrenia. *Psychopharmacol* 1998; 137:139-146.

Arvanitis LA, Miller BG, **Kowalczyk B**. Efficacy of 'Seroquel' (quetiapine fumarate) in affective symptoms of schizophrenia. *Abstracts of the 36th Annual Meeting of the American College of Neuropsychopharmacology* 1997:170 Abs Waikoloa, Dec 8-12 1997.

Cantillon M, Arvanitis LA, Miller BG, **Kowalczyk B**. 'Seroquel' (quetiapine fumarate) reduces hostility and aggression in patients with acute schizophrenia. *Abstracts of the 36th Annual Meeting of the American College of Neuropsychopharmacology* 1997:171 Abs Waikoloa, Dec 8-12 1997.