

Bill Fayerweather – Biography

Date: January 28, 2025

Education

University of Michigan

- Bachelor of Science in Zoology (School of Literature, Science, and the Arts)
- Master of Public Health in Epidemiology and Toxicology (School of Public Health)

Johns Hopkins University

- PhD in Epidemiology (School of Hygiene and Public Health)
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Career

DuPont Company (18 years)

- **Biostatistician (4 years):** Worked at DuPont's Haskell Laboratory of Toxicology and Industrial Medicine.
- **Radiation Epidemiologist and Supervisor (3 years):** Served at the U.S. Department of Energy's Savannah River Plant, overseeing the Radiation Monitoring Health Section.
- **Epidemiologist and Manager (11 years):** Managed the Epidemiology Section in DuPont's Corporate Medical Group.

Owens Corning (27 years)

- Served as **Corporate Epidemiologist, Director of Epidemiology, and Health Care Insurance Claims Analyst.**
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Research Studies and Publications

Bill Fayerweather's research encompasses diverse areas in epidemiology, toxicology, and health data analysis:

- **Toxicology Studies:** Conducted quantitative analyses of Haskell Laboratory's acute, subacute, and chronic animal toxicology studies.
- **Risk Assessment:** Performed quantitative risk assessments based on both animal and human data.
- **Worker Health Surveillance:** Studied morbidity and mortality patterns in workers, focusing on stroke, cardiovascular disease, and cancer.
- **Occupational Risk Analysis:** Conducted meta-analyses of occupational cancer risks.
- **Health Care Claims Analysis:** Investigated health insurance claims and pharmaceutical claims data.
- **Corporate Wellness Programs:** Assessed the effectiveness of corporate wellness initiatives.
- **Social Determinants of Health:** Applied social determinants of health frameworks to corporate healthcare claims.
- **Workers Comp and Short-Term Disability Claims Analysis:** Analyzed workers' compensation and short-term disability claims.
- **Industrial Hygiene Data:** Conducted analyses of industrial hygiene data for workplace safety.
- **Linked work histories and health risk appraisals** to many of the health outcomes analyses.

- **Coauthored** with epidemiologists from other companies a **Code of Ethics for Epidemiologists**.