

## **DONNA F. STROUP, PH.D.**

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### **STATISTICAL RESEARCHER**

**Team-Building • Public Health • Epidemiology • Program Management**

Seasoned and successful statistical research professional with over 20 years of international experience in building high-performing research teams, spearheading epidemiology programs, and impacting public health worldwide. Skilled in gathering, analyzing, and interpreting data from diverse sources and presenting complex scientific information to non-scientific audiences. Proven leader and mentor committed to leveraging statistical research to inform policy development and strategies and utilizing wide-ranging methodologies to execute complex projects. Reading knowledge of French and Spanish.

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Data Analysis/Interpretation • Statistical Research • Epidemiology • Public Health Surveillance • Biostatistics  
Chronic Disease Prevention • Health Promotion • Scientific Writing • Grant Review • Survey Design  
Program Management • Meta Analysis • Bayesian Analysis • Scientific Policy Management

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### **PROFESSIONAL EXPERIENCE**

#### **DATA FOR SOLUTIONS, INC., Decatur, Georgia • 2007-Present**

An independently owned statistical research firm.

##### **President**

Built company from ground up to provide services including data analysis plans, sampling assistance, analytic research, and scientific report preparation for clients in Massachusetts; Washington, D.C.; Georgia; and Grenada, West Indies. Deliver training around biostatistics and epidemiology. Evaluate client needs, gather data from diverse sources, perform data processing and analysis, and provide documentation and presentations.

##### **Selected Projects:**

- Spearheaded creation of University of Georgia's undergraduate curriculum in epidemiology and evaluated course to launch accreditation process with The Council on Education for Public Health.
- Won grant from Robert Wood Johnson Foundation and served as Principal Investigator, researching social determinants of childhood obesity. Leveraged results to facilitate allocation of \$500M effort to reverse childhood obesity epidemic by 2015.
- Supported Electric Power Research Institute's work on air pollutant regulation policy by analyzing air quality/mortality relationship in multiple cities.
- Provided outstanding services to additional clients including United Nations, St. George's University, Emory University, Wellesley College, and American Cancer Society.

#### **CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC), Atlanta, Georgia • 1986-2006**

An \$8B+ government agency that prevents and controls infectious and chronic diseases.

##### **Director – Coordinating Center for Health Promotion (2004-2005)**

Centralized critical scientific and program activities from 3 key areas, Birth Defects and Developmental Disabilities, Chronic Disease Prevention and Health Promotion, and Genomics and Disease Prevention, during organizational restructuring. Served as Center's representative for Congress, volunteer organizations, and state and local health departments. Managed \$1.4B budget and 1.6K employees.

##### **Associate Director for Science – National Center for Chronic Disease Prevention & Health Promotion (2001-2004)**

Planned and coordinated domestic and international programs for causes of premature death and disability. Guided 1K+ employees in areas including behavioral science, anthropology, informatics, demography, epidemiology, medicine, and statistics to ensure scientific quality. Managed \$600M+ budget.

*CDC roles, continued...*

**Various Management Positions – Epidemiology Program Office (1986-2001)**

Fulfilled multiple roles of increasing authority to reach Associate Director level. Ensured scientific quality organization-wide, encompassing 260+ employees. Orchestrated national public health surveillance activities, oversaw National Notifiable Diseases Surveillance System and Weekly Mortality System, launched National Electronic Telecommunications System for Surveillance nationwide, and created statistical framework for U.S. surveillance. Provided epidemiologic training, developed programs for scientists and program managers, and oversaw publication of *Morbidity and Mortality Weekly Report*.

**Major CDC Accomplishments:**

- Succeeded in merging program, science, and budget from 3 disparate organizations.
- Forged relationship with Alzheimer's Association of America to support delayed onset research.
- Played instrumental role as member of research team for 120+ major scientific publications and was selected as a presenter at numerous events; complete list available on request.
- Developed and led Agency's program to integrate epidemiology into math and science education in U. S. schools.

**CDC Awards:**

- Statistics Section Award – American Public Health Association
- John W. White Award for Most Outstanding Oral Presentation
- Honor Award for Statistical Research and Services
- Senior Biomedical Research Service
- Honor Award for Volunteer Service
- Outstanding Federal Scientific Professional Award Finalist
- Outstanding Service to the Public Group Award
- Superior Service Commendation – Public Health Service
- Award for Contributions to the Advancement of Women

**OTHER ROLES:** Assistant Professor at University of Texas at Austin, Rider College, and Temple University.

**EDUCATION**

**Master of Science in Community Medicine**

Cambridge University, Cambridge, England

**Doctor of Philosophy in Statistics**

**Master of Arts in Statistics**

Princeton University, Princeton, New Jersey

**Master of Science in Mathematical Statistics**

University of North Carolina, Chapel Hill, North Carolina

**Bachelor of Arts in Mathematics (Magna Cum Laude)**

Vanderbilt University, Nashville, Tennessee

Advanced Certificate – Public Health Leadership Institute

**AFFILIATIONS**

Epidemic Intelligence Service • American College of Epidemiology • American Epidemiological Society  
American Public Health Association • Biometric Society of America • American Statistical Association

Serve on Numerous Editorial Boards and Scientific Review Committees (Details on Request)