
ADOLFO CORREA

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PROFESSIONAL SUMMARY

Medical epidemiologist with over 30 years of experience. Specialty areas include surveillance of birth defects, diabetes and cardiovascular diseases; epidemiologic research of chronic diseases and of disorders associated with occupational and environmental exposures. Experience with preparation of scientific reports, conference presentations and publications, and experience with communications with the media.

SKILLS

Epidemiology

Preventive Medicine

Surveillance

Pediatrics

WORK HISTORY

JOHNS HOPKINS SCHOOL OF HYGIENE AND PUBLIC HEALTH

Assistant and Associate Professor | Baltimore, MD | June 1987 - August 1998

Conducted epidemiologic research, developed curriculum for a cohort studies course, taught epidemiology to graduate students, served as mentor and advisor to master and doctoral students, served on academic committees, made presentations at scientific conferences, published scientific reports in the peer-reviewed literature

CENTERS FOR DISEASE CONTROL AND PREVENTION

Supervisory Medical Officer and Team Leader | Atlanta, GA | September 1998 - October 2011

Served as supervisory medical officer and team lead for birth defects surveillance, conducted surveillance and epidemiologic research on birth defects in general and congenital heart defects in particular, served as subject matter expert, served as chair to several scientific working groups, made scientific presentations, and published scientific reports in the peer-reviewed literature.

UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

Chief Science Officer / Director, Jackson Heart Study | Jackson, MS | November 2011 – December 2020/Professor of Population Health Science / January 2021 - present

Provided scientific direction and leadership on surveillance and research for the Jackson Heart Study, a community-based cohort study of risk factors for the excess burden of cardiovascular disease among African Americans, served as chair of the steering committee and publications and presentations subcommittee, served in national committees. This study is funded through a contract from the National Lung, Heart, and Blood

EDUCATION

B.S. Chemistry

San Diego State University

San Diego, CA | 1969

M.S. Chemistry

University of California San Diego

La Jolla, CA | 1970

M.D. Medicine

University of California San Diego

La Jolla, CA | 1974

M.P.H. Public Health

Johns Hopkins School of Hygiene and Public Health

Baltimore, MD | 1981

Ph.D. Epidemiology

Johns Hopkins School of Hygiene and Public Health

Baltimore, MD | 1987

M.B.A. Business Administration

University of Georgia

Athens, GA | 2011

ACCOMPLISHMENTS

- Training:

[Pediatrics, 1974-1978, SFGH/UCSF][Epidemic Intelligence Service Officer, 1978-1980, CDC/Ohio Department of Health][Preventive Medicine, 1981-1984, Johns Hopkins School of Hygiene and Preventive Medicine]

- Research:

[Led an investigation of adverse reproductive outcomes among workers at a computer chip manufacturing facility that identified an association of short chain glycol ethers with spontaneous abortions and subfertility, 1992-1995][Led a study that showed that pregestational diabetes is associated with a wide range of birth defects, 2005-2008][Led a study that showed increasing prevalence of diabetes in pregnancy, with excess burden among minority women, 2010-2011]

Surveillance:

[Developed a classification system for congenital heart defects that enabled more harmonized methods for surveillance and research on congenital heart defects, CDC][Led the CDC birth defects surveillance team responsible for the Metropolitan Atlanta Congenital Defects Program, and for collaborating with the birth

defects surveillance programs in the states and internationally, 1998-2011]

- Project Management

[During my tenure as Principal Investigator of the Jackson Heart Study (JHS) Coordinating Center and Field Center, 2013-2020, the JHS has shown a steady increase in scientific collaborations and productivity, reaching more than 60 publications per year since 2016]

AFFILIATIONS

- American Diabetes Association (ADA)
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