

# Department of Epidemiology and Biostatistics Faculty

Name	Title	Address	Phone Number	E-mail address	Research Interests
Adams, Swann A.	Research Assistant Professor	2221 Devine St Suite 241	734-4484	<a href="mailto:swann.adams@sc.edu">swann.adams@sc.edu</a>	Cancer Epidemiology and Prevention, Breast cancer, Physical Activity, Energy Balance, Minority Health Disparities
Addy, Cheryl L.	Associate Professor, Executive Associate Dean, ASPH	HESC 101	777-5030	<a href="mailto:caddy@gwm.sc.edu">caddy@gwm.sc.edu</a>	Categorical data analysis, survey data analysis, epidemiologic methods, physical activity and public health, psychiatric epidemiology, maternal and child health
Blair, Steven N.	Professor of Exercise Science and Epidemiology	PHB 225	777-0567	<a href="mailto:sblair@gwm.sc.edu">sblair@gwm.sc.edu</a>	Exercise Science, Epidemiology of Physical Activity, Sports Medicine
Bottai, Matteo	Assistant Professor	HESC 211B	777-6653	<a href="mailto:Mbottai@gwm.sc.edu">Mbottai@gwm.sc.edu</a>	Mixed models, variance components, surface smoothing
Burch, James	Assistant Professor	2221 Devine St Suite 237-A	734-4459	<a href="mailto:burch@gwm.sc.edu">burch@gwm.sc.edu</a>	Molecular Epidemiology, Cancer, Environmental Health, Biomarkers, air pollution, Radiation, Occupational Health
Cai, Bo	Assistant Professor	HESC 214	777-5053	<a href="mailto:bocai@gwm.sc.edu">bocai@gwm.sc.edu</a>	Research interests: Bayesian random effects selection, nonparametric modeling, multivariate analysis, mixture models, and the relevant application area including human reproductive study, child health and toxicology. Computational statistics, Markov chain Monte Carlo methods, sampling methods based on Markov chain.
Colabianchi, Natalie	Assistant Professor	PHB 132	777-7676	<a href="mailto:colabianchi@sc.edu">colabianchi@sc.edu</a>	Built environment, physical activity and nutrition, epidemiology methods, community interventions
Hardin, James W.	Research Associate Professor, Director, Biostatistics Collaborative Unit	730 Devine St	734-9119	<a href="mailto:Jhardin@gwm.sc.edu">Jhardin@gwm.sc.edu</a>	Generalized linear models, generalized estimating equations, statistical computing, measurement error analysis, survival analysis, sample surveys
Hébert, James R.	Health Sciences Distinguished Professor, Director, SC Statewide Cancer Prevention & Control Program	2221 Devine St, Suite 244-A	734-4489	<a href="mailto:jhebert@sph.sc.edu">jhebert@sph.sc.edu</a>	Dietary assessment, diet and physical activity interventions, measurement bias, nutritional epidemiology, cancer epidemiology, complementary and alternative medicine
Hossain, Monir	Research Assistant Professor	HESC 317A	7-3814	<a href="mailto:hossain@gwm.sc.edu">hossain@gwm.sc.edu</a>	Disease cluster modeling, mixture models, inter-rater reliability, survival function for informative drop-out, inpatient quality indicator

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Hussey, James R.	Clinical/ Instructional Associate Professor & Graduate Director for Biostatistics	HESC 203C	777-3268	<a href="mailto:jhussey@gwm.sc.edu">jhussey@gwm.sc.edu</a>	Experimental design, mixed models
Jackson, Kirby L.	Instructor	HESC 211D	777-5057	<a href="mailto:kjackson@gwm.sc.edu">kjackson@gwm.sc.edu</a>	Survival analysis, multivariate methods in chronic disease epidemiology, longitudinal statistical analysis, and epidemiology of mental disorders
Karmaus, Wilfried	Professor, Graduate Director for Epidemiology	HESC 211C	777-9814	<a href="mailto:karmaus@gwm.sc.edu">karmaus@gwm.sc.edu</a>	Environmental Epidemiology, Reproductive Epidemiology, Clinical epidemiology, Asthma, Organochlorines, International Health, Atopic (allergic) conditions
Lawson Andrew B.	Professor	HESC 207A	777-6647	<a href="mailto:Alawson@gwm.sc.edu">Alawson@gwm.sc.edu</a>	Statistical analysis of spatial point processes, environmental epidemiology, analysis of spatial epidemiology data
Liese, Angela D.	Associate Professor	PHB 229	777-9414	<a href="mailto:Liese@gwm.sc.edu">Liese@gwm.sc.edu</a>	Dietary assessment, epidemiology of obesity, diabetes and cardiovascular disease, emphasis on children and youth
Liu, Jihong	Assistant Professor	HESC 208C	777-6954	<a href="mailto:jliu@gwm.sc.edu">jliu@gwm.sc.edu</a>	Children and adolescent's health, maternal health, perinatal and developmental epidemiology, Women's health, demography , reproductive epidemiology
McKeown, Robert E.	Professor, Director, Health Science Research Core	HESC 202A	777-6220	<a href="mailto:rmckeown@gwm.sc.edu">rmckeown@gwm.sc.edu</a>	Psychiatric epidemiology, perinatal epidemiology, child and adolescent health, and public health ethics
Merchant, Anwar	Associate Professor	2718 Middleburg Place	251-7874	<a href="mailto:merchant@gwm.sc.edu">merchant@gwm.sc.edu</a>	Aimed at improving health and preventing disease through lifestyle changes. Studying the possible effects lifestyle may have on disease, and societal and personal factors influencing lifestyle. Studying the relation between infection and chronic disease
Moran, Robert	Clinical Instructional Assistant Professor	2718 Middleburg Place	251-7876	<a href="mailto:rrmoran@gwm.sc.edu">rrmoran@gwm.sc.edu</a>	Nutritional instruments
Pastides, Harris	Professor, Arnold School of Public Health and USC Vice President for Research and Health Sciences	Osborne 200	777-5032	<a href="mailto:Pastides@gwm.sc.edu">Pastides@gwm.sc.edu</a>	Health disparities research, occupational and environmental epidemiology, international health, and applied research in developing country environmental health issues
Sorensen, Andrew A.	Professor and President, USC	Osborne 206	777-2001	<a href="mailto:Sorensen@gwm.sc.edu">Sorensen@gwm.sc.edu</a>	Health policy, health services research, and epidemiology
Steck, Susan	Research Assistant Professor	2221 Devine St	734-4431	<a href="mailto:stecks@gwm.sc.edu">stecks@gwm.sc.edu</a>	Nutritional epidemiology, Molecular Epidemiology, Gene-Nutrient interactions, genetic polymorphisms.
Svendsen, Erik	Research Assistant Professor	HESC 208D	777-3170	<a href="mailto:svendsee@gwm.sc.edu">svendsee@gwm.sc.edu</a>	Environmental Epidemiology, Pediatric Environmental Health,, Spatial epidemiology, Bioterrorism

<b>Name</b>	<b>Title</b>	<b>Address</b>	<b>Phone Number</b>	<b>E-mail address</b>	<b>Research Interests</b>
Torres, Myriam E.	Clinical Assistant Professor	730 Devine St	777-2598	<a href="mailto:torresme@gwm.sc.edu">torresme@gwm.sc.edu</a>	Hispanic/Latino health issue, perinatal issues among Latinas, HIV/AIDS among Latino populations, bi-national research. Nutritional instruments.
Vena, John	Professor and Chair	HESC E.205C	777-7333	<a href="mailto:jvena@gwm.sc.edu">jvena@gwm.sc.edu</a>	Environmental and occupational epidemiology, community-based studies, occupational cohort studies, and case-control studies of cancer
Williams, Edith	Research Assistant Professor	220 Stoneridge Drive, Suite 208	727-4396	<a href="mailto:willi425@gwm.sc.edu">willi425@gwm.sc.edu</a>	Health disparities, women's health, cardiovascular disease, and lupus
Wilson, Saboby	Research Assistant Professor	1600 Hampton Street	777-2982	<a href="mailto:wilsons2@gwm.sc.edu">wilsons2@gwm.sc.edu</a>	Environmental health disparities, built environment, environmental justice research and science, innovative community-based participatory research, action-oriented research, use of geographic information systems for human exposure assessment, air pollution, environmental epidemiology
Xie, Dawen	Research Assistant Professor, SC Cancer Center	14 RMP, Suite 500	434-3707	<a href="mailto:Dawen.Xie@palmettohealth.org">Dawen.Xie@palmettohealth.org</a>	Molecular epidemiology of cancer, genetic polymorphisms, gene environment interactions, carcinogenesis
Zhang, Hongmei	Assistant Professor	HESC 317B	777-3823	<a href="mailto:hzhang@gwm.sc.edu">hzhang@gwm.sc.edu</a>	Statistics in bioinformatics, statistical methodology development, statistical modeling, Bayesian data analyses
Zhang, JiaJia	Assistant Professor	HESC 211C	777-4474	<a href="mailto:jzhang@gwm.sc.edu">jzhang@gwm.sc.edu</a>	Accelerated failure time model, frailty model, mixture cure model, statistical computation, semiparametric estimation method