



UNIVERSITY OF
SOUTH CAROLINA

Arnold School of Public Health

Center for Environmental NanoScience and Risk

ASSISTANT / ASSOCIATE PROFESSOR
CENTER FOR ENVIRONMENTAL NANOSCIENCE AND RISK
DEPARTMENT OF ENVIRONMENTAL HEALTH SCIENCES
Arnold School of Public Health
University of South Carolina Columbia, SC

The Department of Environmental Health Sciences (ENHS) in the Arnold School of Public Health at the University of South Carolina (USC) invites applications for a tenure-track faculty member at the Assistant or Associate Professor level in the area of environmental nanoscience and nanotechnology. The Arnold School of Public Health is one of the most productive research colleges at USC.

The successful candidate must have an earned doctoral degree in an environmental nanoscience related field. Preferred qualifications include research/teaching interests and a minimum of 2 year post PhD experience in the area of nanomaterial synthesis with an interest or focus on characterization and environmental health. Ideally, this individual will have expertise in the controlled synthesis of nanomaterials, including inorganic and/or carbon-based nanomaterials, and their applications. Experience in the characterization and metrology of nanomaterials using microscopy, spectroscopy or other methods, especially in complex media (environmental, biological, consumer products etc.), would be an advantage. Experience of, and interest in, other areas of environmental nanoscience (fate and behavior, toxicology and bioeffects etc.) is preferred.

The individual will work within the Center for Environmental NanoScience and Risk (CENR; www.cenr.sc.edu). In addition, we are looking for an individual who will collaborate with faculty, complementing existing strengths in the Department of Environmental Health Sciences (ENHS) <http://www.sph.sc.edu/enhs/>. Applicants are expected to demonstrate evidence of scholarly research, and potential for (Assistant Professor candidate) or evidence of (Associate Professor candidate) success at obtaining extramural funding to support a research program, teach core courses in the department's undergraduate and graduate curricula as well as courses in the candidate's research area, to maintain an active program of research, to supervise student thesis and dissertation research, and to contribute to the department's and school's programs through professional service.

ENHS conducts research and offers doctoral and master's degrees in Public Health with emphases in toxicology, ecotoxicology, microbiology, environmental nanoscience, exposure assessment, environmental genomics, and air pollution, and has expanding undergraduate coursework and curricula. ENHS has a strong history of competitive research funding from NSF, EPA, NIH, NOAA and other federal/state agencies as well as private foundations. We are located in a new building with state-of-the-art laboratory facilities.

Applicants should apply online at uscjobs.sc.edu (requisition #009150). Required documents include, a vita and statement of research interests and goals and teaching interests and goals (1 page each). Informal questions can be addressed to Dr. Jamie Lead **at jlead@mailbox.sc.edu**. The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina does not discriminate in educational, or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.