

POSTDOCTORAL RESEARCH OPPORTUNITIES AT THE SMITHSONIAN ENVIRONMENTAL RESEARCH CENTER

The Smithsonian Environmental Research Center (SERC) in Edgewater, Maryland, anticipates funding for several postdoctoral fellowships. Application material can be obtained online at <http://www.si.edu/ofg/Applications/SIFELL/SIFELLapp.htm> . The annual application deadline is **January 15, 2004**. An application consists of a completed application form, current CV, a formal research proposal (not to exceed 1500 words), transcripts, and three letters of reference. Stipends are \$35,000 per year, plus support for group health insurance, research expenses, and modest relocation costs. Fellowships are potentially renewable for a second year, depending upon successful annual review of progress.

Applicants must name a SERC principal investigator as advisor, and may name one or more co-advisors. SERC principal investigators and their research interests are listed below. Additional information on SERC Senior Scientists and their research can be found at www.serc.si.edu. It is strongly recommended that the research proposal be discussed with a perspective advisor.

Denise Breitburg	Population and community ecology of marine and estuarine species, especially fish and gelatinous zooplankton; hypoxia; food webs.
Wayne Coats	Estuarine protistan ecology; microbial host-parasite relationships
Bert Drake	Impact of elevated CO ₂ on Maryland marsh and Florida scrub oak
Candy Feller	Biocomplexity of mangrove ecosystems; insect-plant interactions
Chuck Gallegos	Phytoplankton dynamics; estuarine optics; estuarine microbial food webs
Cindy Gilmour	Microbial ecology and mercury biogeochemistry
Tuck Hines	Population and community ecology of marine and estuarine macroinvertebrates, especially blue crabs, and fish; predator-prey relationships; marine invasive species
Tom Jordan	N and P biogeochemistry along salinity gradients; controls of nutrient discharges from watersheds
Pete Marra	Population and behavioral ecology of Neotropical migratory birds
Pat Megonigal	Wetland carbon and iron cycling; Effects of elevated CO ₂ on soil biogeochemical cycles; Microbial ecology
Pat Neale	UV effects on phytoplankton; photobiology
Rick Osman	Ecology of fouling communities; marine invasive species; population and community ecology of marine and estuarine invertebrates.
Jess Parker	Forest ecology, remote sensing (esp. Lidar) and forest micro-climatology
Fritz Riedel	Biogeochemistry
Dennis Whigham	Plant ecology, especially orchid-mycorrhizal interactions, the ecology of invasive species and wetland ecology
Greg Ruiz	Ecology of marine invasive species; ecology of macroinvertebrates
Don Weller	Landscape ecology; modeling watershed nutrient export; GIS analysis