

From: Jody Peters
Subject: Ecosystem response to rapid evolution, PhD Opportunity at the University of Notre Dame

We are recruiting a PhD student to work on an NSF sponsored project studying the impact of rapid evolution on the productivity and stability of coastal salt marshes. We have grown individuals from a foundational plant in this system (*Schoenoplectus americanus*) from seed banks dating back over 100 years. Our approach involves: measuring changes in plant physiology and growth in controlled experiments; paleoecological analysis of marsh sediments; synthesis of extensive field data; and Bayesian approaches to link evolutionary and ecosystem processes. We welcome applicants with strengths in any of these disciplines. For more information, see the lab web page (https://urldefense.proofpoint.com/v2/url?u=https-3A__sites.nd.edu_paleolab&d=DwIF-g&c=Ngd-ta5yRYsqeUsEDgxhcqsYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AqoiqLvxfeeTyN59ZLoI&m=Em-KnNK95mFSn9T_ZzmJ78TqB5K-P868rfsQlnF7bWc&s=OSC9wNRSRn280SLA11XSheaRL2NEyz6vPpwkdVITHio&e=), or submit a letter detailing your interest and relevant background to Jason McLachlan (jmclahcl@nd.edu). Please CC the project manager, Jody Peters (peters.63@nd.edu). Applications to Notre Dame Biological Sciences are due December 1.