POST-DOCTORAL RESEARCH POSITION on AMERICAN BLACK DUCK population and habitat modeling. 1 year of funding (with a possible extension) is available at the UNIVERSITY OF DELAWARE'S Department of Entomology and Wildlife Ecology. The overriding objective is to determine if black ducks actually use all available wetland habitat as described by the National Wetland Inventory or available habitat should be reduced to account for negative interactions with human development. Specifically, using historical data collected over the last 10 years on the Atlantic Flyway, we will: 1) Refine estimates of available black duck habitat based on human disturbance and avoidance behavior; 2) Identify habitat and weather factors driving variation in home range size and composition; and 3) Identify habitat (landscape and home range scales) and weather factors driving variation in winter survival. This effort will assist in building landscape level carrying capacity estimates for improved flyway management of black ducks.

For more information about my background see: http://ag.udel.edu/enwc/faculty/cwilliams.html. Qualified applicants should have a Ph.D. in Wildlife Ecology or related field. Applicants should have a record of research and publications (waterfowl preferred). I will give strong preference to applicants who have strong knowledge and interest in 1) GIS, 2) habitat selection and home range modeling, 3) survival analysis, and 4) waterfowl. Interested individuals should send a cover letter outlining experience and research interests, curriculum vitae, unofficial copies of university transcripts and GRE scores, and contact information for three references to DR. CHRIS WILLIAMS, Department of Entomology and Wildlife Ecology, 253 Townsend Hall, University of Delaware, Newark, DE 19716 (PH: 302-831-4592, Email: ckwillia@udel.edu). Applications by e-mail (with electronic copies of requested documents) are preferred, and will be accepted until position is filled. Approximate start date is September 2013 but negotiable. Salary will be $46,000 per year plus health benefits.

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