



January 17, 2019

## The James A. Walker Future of Wind and Wildlife Fellowship

### Background

Dr. James A. Walker is a pioneer and visionary in wind and renewable energy. Over 10 years ago, Dr. Walker recognized that increased attention was needed to address challenges involving wind's impacts to wildlife in order for wind power to realize its full potential. It was Dr. Walker's vision, initiative, and persistence that drove the creation of AWWI, a unique collaboration of industry, conservation, and science communities working together to catalyze solutions to wind and wildlife issues.

In honor of Dr. Walker's leadership, in 2019 AWWI will host an exceptional and aspiring individual in a wind-wildlife related field. The Fellow will work closely with AWWI staff and collaborators to assess progress and develop strategies and solutions to address wind's impacts to wildlife.

The goal of the Fellowship is to provide an opportunity to research interdisciplinary, cross-sector topics that are key to the success of solving wind-wildlife challenges and expand creative thinking, and to foster the next generation of wind-wildlife leadership.

The Fellowship will initially support a one-year position for an outstanding individual who will be selected through a recruitment and selection process staffed by AWWI and volunteer advisors. AWWI intends to continue to raise funds to support an ongoing Fellowship position in honor of Dr. Walker and his contributions to AWWI and renewable energy.

### Description of Fellowship

The Fellow will have recently earned a graduate degree in biology, engineering, environmental science, informatics, environmental economics, renewable energy, or related field. In their application, the Fellow will propose to research and produce a report on one of the following topics, with the possibility of publication through AWWI or a journal:

Topic 1: Conceptualizing and creating a report on the future of data use for risk analysis through applying informatics to expand on the idea and capabilities of the American Wind Wildlife Information Center (AWWIC) and similar future initiatives

Topic 2: Creating a methodology and carrying out a systems/cost analysis for integration of impact minimization technologies at wind facilities, including assessing market and policy drivers

Topic 3: Conducting an analysis of how wind-wildlife results can more effectively be integrated into policy and regulation, including assessing what types of research and evidence are desired from a regulatory perspective



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Possible other topics to be determined based on feedback from collaborators

In addition to working closely with the full AWWI team and collaborating on current AWWI efforts related to the Fellow's project, the Fellow will be provided hands-on opportunities to work with leaders in wind energy and wildlife conservation through mentoring and networking, including:

- Attending meetings and conferences
- The possibility of working for periods of time on-site at an AWWI partner organization
- Opportunities to interview and collaborate with diverse wind-wildlife stakeholders
- Other possible shadowing opportunities

The Fellowship will be advertised online at leading U.S. universities and other job sites beginning in the spring of 2019, with the intention of attracting applicants completing their graduate degree in the spring/summer of 2019. The Fellowship will run for one calendar year beginning in the summer or fall of 2019.