## Postdoctoral position: Conservation genomics of the endangered Hawaiian monk seal

### Latch Lab, University of Wisconsin-Milwaukee

We seek a highly motivated candidate with a background in population genomics to fill a postdoctoral researcher position. The objective of this project is to develop and validate a robust SNP genotyping panel for consistent and efficient genotyping of Hawaiian monk seals, using genomic data we have generated. The developed panel will then be used to address questions related to inbreeding, parentage, and conservation management. This position is based in the Latch Lab at the University of Wisconsin-Milwaukee (http://www.uwm.edu/~latch), though the successful candidate will work with federal and academic collaborators. The appointment is currently funded for 1 year, with a competitive salary of \$55,000 plus full benefits.

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#### **Responsibilities:**

- Bioinformatic analysis and interpretation of genome sequence data
- Simulations to support bioinformatic analyses
- Laboratory work to generate additional whole genome resequencing data as needed
- Preparation of manuscripts as lead author, assistance with preparation of reports for relevant stakeholders, and contribution to grant proposals to support novel projects
- Coordination and communication with research team and collaborators

#### Qualifications:

- PhD in population genetics, molecular ecology, bioinformatics, or a related field
- Proficiency in R programming language
- Experience working with high-throughput sequencing data
- Demonstrated record of research productivity, especially through a strong publication record
- Excellent communication skills
- Strong organizational skills
- Interest in conservation biology, population genetics, and/or mammalian genomics

To apply, send an email to Dr. Emily Latch (latch@uwm.edu) describing your previous experience and fit to the position. Attach a CV with contact details for 3 references. Review of applications will begin in July 2022 and considered on a rolling basis until the position is filled. The position is available immediately, with a flexible start date no later than January 2023. Questions can be directed to Dr. Emily Latch.



