Assistant Director AI/ML Ecosystem Monitoring

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Type: Full-Time
Salary: $54,000 - $60,000 0.8 FTE ($67,500 to $75,000 annually)
Posted: Today
Category: Laboratory and Research

Assistant Director AI/ML Ecosystem Monitoring

Posting Summary

Serve as the Assistant Director AI/ML Ecosystem Monitoring, reporting directly to the Director of the SAL, responsible for leading the Alliance for Monitoring Biodiversity and Ecosystems Remotely (AMBER) program. Develop and manage the AMBER AI/ML pipeline for monitoring and mapping wildlife with trail cameras and audio recorders, provide outreach and educational services to existing and new wildlife monitoring partners. Collaborate with SAL director and associate director on grant writing, business development, and independently pursue outside funding opportunities. Support the SAL Financial Manager to facilitate AMBER income and expense reports. Partner with geospatial analysts and development team lead on research and development of new AI/ML methods and models for mapping, classification, and detection of wildlife or other features.

Minimum Qualifications (or equivalent combination of education and experience)

- Ph.D. in computer science or wildlife biology
- Minimum of 3 years of post-doc experience
- Experience in raising grant funding
- Expertise in using and developing machine learning techniques for identifying wildlife or other objects captured in images or recordings.
- In depth understanding of R and Python coding languages and ability to develop and maintain packages
- Substantial experience in working with wildlife monitoring partners

- High proficiency in public outreach and instruction

Desirable Qualifications
5+ years experience with automated wildlife monitoring and machine learning development

Anticipated Pay Range
$54,000 - $60,000 0.8 FTE ($67,500 to $75,000 annually)

Other Information

Special Conditions
Open to current UVM employees only , A probationary period may be required, Contingent on continued funding, Occasional evening and/or weekends required (if non-exempt position, may result in overtime), Travel to and from worksites required, This position is eligible for a hybrid schedule with an option to split time between campus and elsewhere, in accordance with the university telecommuting policy, Background Check required for this position

FLSA
Exempt

Union Position
Yes, UVMSU

Job Location
Burlington, Vermont, United States

Job Close Date (Jobs close at 11:59 PM EST.)
6/22/2026

Open Until Filled
No

Department
Rubenstein Sch Env & Nat Res/57000

Standard Hours at 1.0 FTE
37.5

Term (months per year)
12

For full job description and to apply, visithttps://www.uvmjobs.com/postings/84917

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