



ASSISTANT PROFESSOR OF GLACIOLOGY/ICE FLOW MODELING-CLUSTER HIRE

Employer: University of Wisconsin-Madison

Location: Wisconsin, United States

Salary: Salary Not specified

Posted: Oct 10, 2019

Position Type: Faculty Positions, Science, Technology & Mathematics, Agriculture & Animal Sciences, Biology & Life Sciences, Geology & Earth Sciences, Other Science & Technology, Social & Behavioral Sciences, Geography

Job no: 100768-FA

Work type: Faculty-Full Time

Department: L&S/GEOSCIENCE/GEOSCIENCE

Location: Madison

Categories: Instructional, Natural Resources, Environmental Sciences, Research, Scientific

Position Summary

The University of Wisconsin-Madison is seeking to fill one position for an assistant professor (tenure-track) position in glaciology and ice flow modeling. This position is part of a campus-wide cluster hiring initiative to add to the vibrant community focused on "The Emerging Polar Regions" that would work at the intersections among earth system components (cryosphere, atmosphere/ocean, and biosphere). The cluster joins a landscape of existing--and historical--strengths in diverse aspects of polar research at UW-Madison. Units participating in the cluster hire include: the Departments of Atmospheric & Oceanic Sciences, Botany, Forest and Wildlife Ecology, Geography, Geosciences, and Integrative Biology. Tenure home will be determined at the time of hire based on the selected candidate's qualifications and interests. Further Information regarding this initiative can be found at: https://facstaff.provost.wisc.edu/cluster_hiring-initiative.

Principal Duties

The successful candidate will engage in the intellectual life of the department through the teaching of undergraduate and graduate level courses in geoscience. Candidates will be expected to conduct significant scholarly research and publish at the international level. Successful candidates will be expected to contribute to an inclusive environment, bring new perspectives on mentoring and educating students from diverse backgrounds, and pursue novel approaches to research. Professional and university service is required as appropriate for career stage.

Institutional Statement on Diversity

Diversity is a source of strength, creativity, and innovation for UW Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background - people who as students, faculty, and staff serve Wisconsin and the world. For more information on diversity and inclusion on campus, please visit: [Diversity and Inclusion](#)

Degree and Area of Specialization

Ph.D. required in geoscience/geophysics with specialization in glaciology and ice flow modeling or related field prior to start of appointment.

Minimum Years and Type of Relevant Work Experience

Must have demonstrated potential for internationally recognized research in the field of specialization.

Additional Information

UW-Madison is seeking a diverse set of faculty candidates who will deepen our campus' interdisciplinary research strength in key areas of current and future research promise, as well as faculty candidates who will approach their work in a manner that advances our commitment to research excellence.

The Department of Geosciences at the University of Wisconsin-Madison seeks applications for an assistant professor (tenure-track) faculty position in glaciology and ice ow modeling as part of a cluster hire focused on "The Emerging Polar Regions". We seek a colleague who is innovative in using ice ow models to address fundamental problems in glaciology, glacier-ocean atmosphere interactions, Arctic and Antarctic glacier processes, and/or other related questions pertaining to glaciers in polar regions. We seek candidates able to work across system boundaries and able to build research linkages to other cluster hires and to other polar researchers on campus.

"The Emerging Polar Regions" is a cluster hire aimed at building a world-class core of interdisciplinary strength in research and teaching to address issues related to polar research: (1) physical ice-ow modeling [this position; PVL 100768]; (2) polar climate modeling [PVL 100766]; and (3) polar ecology specializing in ecosystem processes and modeling [PVL 100769]. This approach will bring together three new faculty members who address critical and coupled processes in polar regions and who link together the polar researchers currently working at UW-Madison. The three new faculty members will each simultaneously accentuate existing strengths on campus while bringing their own unique expertise, thereby facilitating the research and teaching mission of the university. Geoscience will serve as the home department for the ice-ow modeling position.

The UW Cluster Hiring Initiative is designed to foster collaborative research, education and outreach by creating new interdisciplinary areas of knowledge that cross the boundaries of existing academic departments. Further information regarding this initiative can be found at: <https://facstaff.provost.wisc.edu/cluster-hiring-initiative/>.

"The Emerging Polar Regions" leverages a diverse landscape of existing and historical strengths in polar and global change research at UW-Madison that spans many departments, research centers, and units on campus including Botany, Forest and Wildlife Ecology, Geography, Integrative Biology, Atmospheric and Oceanic Sciences, Civil and Environmental Engineering, Geoscience, the Center for Limnology, the Cooperative Institute for Meteorological Satellite Studies (CIMSS), the Antarctic Meteorological Research Center (AMRC), the Nelson Institute's Center for Climatic Research (CCR) and Center for Sustainability and the Global Environment (SAGE), and Wisconsin Ecology.

The Department of Geoscience comprises highly rated graduate and undergraduate programs, and several state-of-the-art analytical facilities across the fields of glacial geology, glaciology, geophysics, hydrogeology, geochronology, sedimentary geology, structural geology, tectonics, isotope geochemistry, petrology, mineralogy, geomorphology, paleoclimate, paleobiology, and biogeochemistry (<http://geoscience.wisc.edu>). We are particularly interested in candidates who can contribute to an inclusive environment, bring new perspectives on mentoring and educating students from diverse backgrounds, and propel novel approaches to research. We aim to add new faculty who value collegiality and collaboration in both research and teaching.

Department(s)

A483200-COL OF LETTERS & SCIENCE/GEOSCIENCE/GEOSCIENCE

Work Type:

Full Time: 100%

Appointment Type, Duration: Ongoing/Renewable

Anticipated Begin Date: AUGUST 17, 2020

Salary: Negotiable ACADEMIC (9 months)

Instructions to Applicants

Applicants should submit a single PDF that includes: cover letter, curriculum vitae, the names and contact information of three references, and three statements discussing 1) research interests and directions, 2) teaching interest and philosophy, and 3) contributions to diversity and inclusion, respectively. References of finalists will be contacted and asked to provide a letter of recommendation. These materials must be submitted online at: <http://jobs.wisc.edu> (search for PVL 100768). The appointment may begin as early as August 17, 2020. The deadline for ensuring full consideration is November 22, 2019, however the position will remain open and applications may be considered until the position is filled. For further information or questions, please contact Professors Lucas Zoet (lzoet@wisc.edu) or Shaun Marcott (smarcott@wisc.edu), chairs of the search committee.

The University of Wisconsin-Madison is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. A criminal background check will be required prior to employment.

Contact

Lucas Zoet

lzoet@wisc.edu

608-263-3420

Relay Access (WTRS): 7-1-1 (out-of-state: TTY: 800.947.3529, STS: 800.833.7637) and above
Phone number (See RELAY_SERVICE for further information.)

Official Title: ASSISTANT PROFESSOR(C40NN)

Employment Class: Faculty

Job Number: 100768-FA

The University of Wisconsin is an Equal Opportunity and Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply.

If you need to request an accommodation because of a disability, you can find information about how to make a request at the following website:

<https://oed.wisc.edu/disability-accommodation-information-for-applicants/>

The University of Wisconsin-Madison is engaged in a Title and Total Compensation (TTC) project to redesign job titles and compensation structures. As a result of the TTC project, official job titles on current job postings may change in Spring 2020. Job duties and responsibilities will remain the same. For more information please visit:

<https://hr.wisc.edu/title-and-total-compensation-study/>.

Employment will require a criminal background check. It will also require you and your references to answer questions regarding sexual violence and sexual harassment.

The University of Wisconsin System will not reveal the identities of applicants who request confidentiality in writing, except that the identity of the successful candidate will be released. See Wis. Stat. sec. 19.36(7).

The Annual Security and Fire Safety Report contains current campus safety and disciplinary policies, crime statistics for the previous 3 calendar years, and on campus student housing re safety policies and re statistics for the previous 3 calendar years. UW-Madison will provide a paper copy upon request; please contact the University of Wisconsin Police Department.

Applications Open: Oct 10 2019 Central Daylight Time

Applications Close: