

## Postdoctoral Scholar Openings in Coordinated Underwater Robotic Manipulation and Soft Robotics at Oregon State

Oregon State University has openings for multiple postdoctoral scholars to work with Profs. Geoff Hollinger, Kagan Tumer, Julie A. Adams, Fuxin Li, Heather Knight, Stefan Lee, Belinda Batten, Matthew Johnston, and Joe Davidson on a collaborative project with the University of Washington Applied Physics Lab on Coordinated Robotic Manipulation in underwater environments. The project involves development of dextrous, semi-autonomous manipulation capabilities for multiple robotic manipulators in energetic ocean conditions.

-The successful candidate will have (or will be expected to earn prior to start date) a Ph.D. in Robotics, Computer Science, Engineering, or a related field and should have expertise in at least one of the following areas: manipulation, planning, coordination, perception, human-robot interaction, design, and learning for autonomous robots/vehicles. Candidate should demonstrate experience in one or more of the following: algorithm design, software/systems engineering, hardware design, and theoretical analysis applied to robotic systems operating in harsh, unstructured environments. Candidates with expertise in autonomous underwater manipulation applications are of particular interest. Expertise in hardware and material design for soft actuators and sensors is also of interest.

-Successful candidates will be hired as postdoctoral scholars and governed by the appropriate terms and conditions

(<https://gradschool.oregonstate.edu/postdocs/appointment-and-recruitment>).

-The initial appointments will be for one year and are renewable yearly by mutual agreement.

-The postdoctoral scholar will take a leadership role in coordinating collaborations across the Collaborative Robotics and Intelligent Systems (CoRIS) Institute at Oregon State University (<http://robotics.oregonstate.edu/>) and with external collaborators in academia, government, and industry. The CoRIS institute at OSU is growing rapidly, now with more than 45 affiliated faculty, and we are looking for motivated, talented individuals to join our team.

-To apply, email a single file (no more than 2 MB) containing your CV (please include citizenship and residency information) and a one page summary of research interests to:

[geoff.hollinger@oregonstate.edu](mailto:geoff.hollinger@oregonstate.edu)

with a subject line:

POSTDOC APPLICATION: LastName, FirstName

-Positions are available with a possible option of starting as early as Spring 2022 or at a later negotiated date. Application review will begin on January 31st, and applications will be reviewed afterwards as they are received.