

Research Experience for Undergraduates

REU opportunity in applied mathematics/geophysics at the University of Alaska Fairbanks in the summer of 2026.

We are accepting applications for an REU intern position.

Time: eight weeks in the summer of 2026 (exact dates are to be determined).

Place: Depart of Mathematics and Statistics

Duties: Perform tasks related to the modelling of tsunami waves. (Tasks include both theoretical and numerical components)

Requirements: Must be an active undergraduate student and a US citizen or permanent resident.

Minimum qualifications: Strong work ethic. Solid computer programming skills (such as MATLAB, C++, Python) and familiarity with partial differential equations. Ability to work independently and as part of a team.

Desired qualifications: numerical analysis and background in hydrodynamics or closely related physics.

Compensation: competitive.

Application procedure: please send an email message to Dr. Alexei Rybkin at arybkin@alaska.edu with a cover letter, your resume (which includes contact information of at least three references), and transcripts attached. Your cover letter should specifically address why the internship appeals to you, why you are qualified for the position, how you can be an asset to the project, and your career goals.

Deadline: There is no formal deadline. Applications will be considered as they are received and the offer may be extended as soon as a well-qualified candidate is identified.

Contact: Inquires should be sent to Dr. Alexei Rybkin at arybkin@alaska.edu.