

Research Scientist Assistant in Underwater Acoustics, and Signal Processing

Applications are invited for one or more postdoctoral positions in the Advance Technology Laboratory (ATL) of the Applied Research Laboratories (ARL:UT). ATL has a vigorous program of research in high frequency underwater acoustics in support of sonar technology applications for the US Navy. Programs involve basic research into the propagation and scattering of sound in fluid, solid and porous media, and applied research into the development of prototype sonars.

Applicants should be in the process of completing a Ph.D. in physics, mathematics, electrical or mechanical engineering. Computer programming as well as laboratory skills are essential. The successful applicant must demonstrate a strong potential as a research scientist/engineer working both independently and within a small team. Research experience in acoustics, vibrations, or signal processing is required. Individuals with experience in underwater acoustics including the acoustics of underwater sediments are preferred.

Continued appointment is contingent upon the completion of a Ph.D. The responsibility of the research scientist will include working on existing projects, assist others to create new projects and develop new projects in his/her area of expertise. U.S. citizenship required. All positions are security sensitive and a background investigation will be conducted.

Salary Range: Commensurate with experience and qualifications. Excellent fringe benefits.

Candidates should submit a curriculum vitae (with citizenship indicated), publication bibliography, three letters of reference, and a copy of two recent papers or manuscripts to:

Nicholas P. Chotiros
Advanced Technology Laboratory
Applied Research Laboratories
P.O. Box 8029
Austin, TX 78713-8029
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