

The Department of Physics at the University of South Alabama invites applications for a full-time (9 month), tenure-track assistant professor position to begin August 15, 2018. The successful candidate must have a Ph.D. in Experimental Physics and must show evidence of excellence in teaching and research with strong potential for external funding. Teaching duties include a wide spectrum of undergraduate physics lecture and laboratory courses (and may include introductory astronomy and astrophysics). Post-doctoral experience is desirable. The successful candidate will also be expected to conduct experimental research which will either strengthen the Department's current research in atomic-molecular-optical physics, condensed matter physics, high-energy physics or show promise of starting a strong program in experimental biological/medical physics or experimental astrophysics. Facilitating participation of undergraduate students in research is actively encouraged.

The University of South Alabama is a comprehensive, state-supported institution with over 15,000 students. Currently, the Department of Physics has eleven full-time faculty and three part-time instructors and offers a B.S. degree in Physics. Physics research facilities include a 150 kV accelerator, gamma ray spectroscopy laboratory, and a physical-properties-measurement apparatus with a 9T superconducting magnet. High-energy physics faculty work on the BABAR, BELLE II, Mu2e and NOvA experiments. Condensed matter physics faculty members have ongoing collaborations with ORNL and NHMFL, with expertise in type-II superconductivity (flux dynamics). Atomic-molecular-optical physics faculty members specialize in ultra-cold Rydberg and atomic collisions. All Physics Department faculty members have access to the facilities of the Alabama Supercomputing Authority.

Applications must be submitted online at <https://www.governmentjobs.com/careers/usouthal/jobs/1853130>

Deadline: November 15, 2017, 5:00 PM Central time.

Applicants are required to attach the following items to their online application at the deadline date and time:

- Letter of Application.
- Curriculum Vitae.
- Research Plan. The research plan should include a description of research activities planned and must specify how this activity will be pursued at the University of South Alabama. Your research plan should also list those external funding sources to which you would make proposals to sustain your research. Start-up funds are available, and the research plan should contain an itemized list of required start-up funds. The Research Plan will have a strict 10 page limit, including figures, research funds and citations.
- Statement of Teaching Philosophy. The Teaching Philosophy will have a strict 3 page limit.
- Undergraduate and Graduate transcripts. Photocopies are sufficient for the initial application.
- Names of at least three references.

Further into the search process, the following will need to be sent directly to the Search Committee before an on-campus interview can occur. Official transcripts sent directly by the Registrars of all colleges attended and signed letters of recommendation sent directly by references. Arrangements for these should be initiated as soon as possible in order to avoid delays later.

For inquiries, please contact the Chair of the Search Committee at [physics-search@southalabama.edu](mailto:physics-search@southalabama.edu).

Further information about the Department is available at [physics.southalabama.edu](http://physics.southalabama.edu).

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