University of Alabama

Dear Prof. McCarthy,

I hope all is well. I am writing to you on behalf of the Department of Physics & Astronomy at the University of Alabama. As part of a rapidly expanding department, now ranked #34 in research budget and grants by the American Institute of Physics' GradSchoolShopper, we have an exciting array of graduate positions available which we would like to share with your undergraduate students. If you would be kind enough to forward our information to any students interested in graduate opportunities, we would be happy to provide them with further information, feedback, and guidance in their application process.

Please click here to view/download: https://www.gradschoolshopper.com/web_bin/gpb/pdf_files/195.pdf our program brochure. In addition, a list of actively recruiting faculty is listed below. Please note that this list is meant to be a sample: Research groups not shown here are always interested in new students and we encourage students to contact them as well for more information.

We do not require a student to have a group or subfield in mind when applying and encourage all prospective students to apply. If students are interested in our program but unsure of their direction yet, they are welcome to contact me for help at physgrad@ua.edu, or find information for applying at http://physics.ua.edu/grad/AdmitGrad.html

We do not require GRE or PGRE scores for Fall 2021 admission.

For students interested in finding out more about UA's graduate program, we will be holding a Q&A session on November 11th at Noon US central and another Q&A session on November 20th at Noon US central. Students are asked to register at the following site. https://universityofalabama.az1.qualtrics.com/jfe/form/SV_2icopePtjtGkTTD

Thank you in advance for your time and consideration.

Sincerely,

Dr. Preethi Nair
Associate Professor, Grad Recruiting Director
Dept. of Physics & Astronomy,
The University of Alabama,
Tuscaloosa, AL, 35487
Off: 205-348-3770
e-mail: physgrad@ua.edu
Claudia Mewes (Theoretical Condensed Matter Physics) and Tim Mewes (Experimental Condensed Matter Physics) are recruiting students for fundamental and applied research projects in the area of magnetism, including high frequency applications, spinlogic and spintronic devices, and topological excitations. More information can be found at http://magneticslab.ua.edu/.

Wang-Kong Tse, Theoretical Condensed Matter: Dr. Tse is looking for graduate students for research projects in studying non-equilibrium many-body physics, transport and light-matter interaction effects of novel quantum materials including low-dimensional systems and topological matters. Email: wktse@ua.edu
Homepage: http://tsegroup.ua.edu/

Georg Schwiete, Theoretical Condensed Matter. Dr. Schwiete is looking for graduate students who are interested in working on problems related to transport and dynamics in quantum many-body systems using field-theoretic methods. This may include, for example, quantum transport in low-dimensional systems, aspects of quantum criticality, unconventional superconductivity, or spintronics research. Email: gschwiete@ua.edu

Conor Henderson, Paolo Rumerio and Sergei Gleyzer, Experimental High-Energy Physics: Drs. Henderson, Rumerio and Gleyzer are recruiting students to collaborate on the CMS experiment at the Large Hadron Collider, where they are using advanced analysis techniques, including machine learning, to search for evidence of new physics beyond the Standard Model Email: conor.henderson@ua.edu, pgrumerio@ua.edu and sgleyzer@ua.edu
http://sergeigleyzer.com/
http://chenderson.people.ua.edu/collider-physics-group.html

Igor Ostrovskiy, Experimental Nuclear and Particle Physics: Dr. Ostrovskiy is looking to recruit students to work on 1) Neutrinoless double beta decay with the EXO-200/nEXO experiments and 2) Magnetic monopoles at the Large Hadron Collider and in space. E-mail: iostrovskiy@ua.edu
http://iostrovskiy.people.ua.edu/

Matthias Kaminski, Theoretical Particle Physics and String Theory: Dr. Kaminski is looking to recruit students to study (1) String theory models for heavy ion collisions via the holographic principle (AdS/CFT correspondence), (2) Systematic construction of quantum fluid dynamics far from equilibrium, and (3) Condensed matter applications of
the holographic principle. Email: mski@ua.edu Homepage: http://mkaminski.people.ua.edu/

Faculty in other areas including astronomy, astroparticle physics and experimental particle physics are also recruiting students.

NSF funded scholarships for Physics graduates are available to produce certified science teachers. The scholarship pays up to $17,100/Year to complete a fast track one-year Teacher Certification MA Program. In addition, graduates of the program are guaranteed a teaching position in a local school system with a $10,500 salary supplement for four years above the regular MA teacher level salary. Contact: Dennis Sunal dwsunal@ua.edu or Rainer Schad rschad@ua.edu

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Dr. Preethi Nair
Associate Professor, Grad Recruiting Director
Dept. of Physics & Astronomy,
The University of Alabama,
Tuscaloosa, AL, 35487
University of Iowa

Hello,

I am writing to you on behalf of the Department of Physics & Astronomy at the University of Iowa. Would you please forward the email below out to your graduating seniors or any students interested in graduate school? We’d like for your students to be aware of our graduate program and the opportunities it provides. We would be happy to provide them with information, feedback, and guidance in their application process. Prospective students are asked to email physics-astronomy@uiowa.edu for more information. We are also hosting a Q&A information session next Monday, November 23rd and would love to have your students attend! Thank you so much for spreading the word!

I wanted to let you know that the Department of Physics & Astronomy at the University of Iowa will be holding a Q&A session for all prospective graduate students next Monday, November 23rd at 1:00 PM central time. It will be a zoom meeting format with a panel of two faculty members and two current graduate students present to talk about our graduate programs, as well as answer any questions you might have regarding our graduate program, university, life in Iowa City as a graduate student, stipend, assistantships, funding, research possibilities, etc. Literally, ANY question you have, you can ask. There are no silly questions, so ask away! Below is the information needed to register and log into the zoom.

Students are asked to register at the following site:  https://forms.gle/YfKWB9839WnQuop7

Join the ZOOM meeting at:  
https://uiowa.zoom.us/j/97484660204
Meeting ID: 974 8466 0204

You are also welcome to join our Slack channel:
https://join.slack.com/t/prospectivest-fnz3636/shared_invite/zt-incobv3q-qBb~js2LRvXv6ThuEQfzdA

You can review and download our brochure at:

We do not require GRE or Physics subject GRE scores for Fall 2021 admission. However, students who come in with a Physics subject GRE score of 630 or higher are automatically exempt from taking the PhD Qualifying Exam. Our graduate students are supported with either a graduate teaching or research assistantship (2 years for a master’s degree and 5 years for PhD) that pays a minimum stipend of $20,064 per year,
as well as pays all tuition, and half of student fees. The cost of living is quite reasonable in Iowa City. Our university also offers a fantastic health and dental plan for graduate students. More information on our graduate program and how to apply can be found at https://physics.uiowa.edu/graduate-program

Hope to see you there!

Vincent Rodgers
Professor & Director of Graduate Studies
vincent-rodgers@uiowa.edu
Dear SPS Advisors,

Greetings from the Department of Physics & Astronomy at Louisiana State University!

I hope this email finds you well, especially in such a difficult time. I'm writing to encourage you to pass along the following information to your undergraduate students who are considering moving onto graduate school in physics and/or astronomy. Our department offers an exciting array of research opportunities in a diverse and inclusive community. Information on our graduate program and graduate application can be found at https://www.lsu.edu/physics/files/GRAD_Brochure.pdf and https://www.lsu.edu/physics/graduate-programs/physics-astronomy/guide.php, respectively. As always, there is no application fee for domestic students and this year we will not have any GRE requirement.

For students interested in learning more, we will be holding two virtual information sessions (November 20th and December 11th from 1 - 3 pm CST), which will include informational talks on our graduate program and admission process, as well as a panel discussion with current graduate students. Those who register will also have access to research talks by members of our faculty. Please have your students register for this event at https://docs.google.com/forms/d/e/1FAIpQLSfvgbO576xEL6xSzego5uHyKruJ2ue1IPmoFfuDtpu2mphx_IA/viewform?usp=sf_link

If you or your students have any questions or would like any additional information, please do not hesitate to contact me. I look forward to hearing from your students as they explore all that LSU has to offer!

Sincerely,
Catherine Deibel
(on behalf of the Graduate Student Recruitment Committee)

Catherine M. Deibel
Associate Professor of Physics
Graduate Recruiting Chair
Dept. of Physics & Astronomy, Louisiana State University
225-578-4950 (P) 225-578-5855 (F)
deibel@lsu.edu
pronouns: she/her/hers
Dear graduating seniors,

Do you love physics and science and are considering graduate school, but don't know where to start? Did you know that Emory graduate students receive a yearly stipend of $31,775, and pay no tuition? We invite you to apply to our Physics Graduate Program at Emory University.

Our department specializes in three principal research areas that are currently among the most active in the basic and applied sciences. We cover both experimental and theoretical efforts in:

- **BIOPHYSICS AND LIVING SYSTEMS** investigating problems at the interface of physical and life sciences at the molecular, cellular, organismal, systems, and population levels, including the physics of networks, nervous systems, behavior, and biological and information processing.
- **QUANTUM CONDENSED MATTER AND OPTICS** investigating nanoscale systems where surfaces, interfaces, and confinement effects result in new physical phenomena (spintronics, nanophotonics, 2D materials, topological properties of matter, nonlinear phenomena).
- **SOFT MATTER PHYSICS** addressing the properties of materials that display both fluid and solid behavior, i.e., “complex fluids” (polymers, colloids, and granular systems, nonequilibrium glassy phenomena, jamming, and fluid dynamics).

More information about our research areas can be found on our website.

Our graduate program currently has 20 faculty and approximately 60 graduate students, making for close, personal interactions between the student and advisor. All graduate students entering our program get to try out different research areas prior to identifying a PhD Advisor. We emphasize a collaborative, interdisciplinary environment in research and teaching to prepare students for careers in academia, industry, and government. Emory’s research environment is an integral part of the vibrant Atlanta science community, having close ties and collaborations with scientists, resources, and facilities at our neighboring institutions Georgia Tech, Georgia State University, and University of Georgia.

Emory’s beautiful, green campus is located in quiet residential neighborhoods but harbors a global impact through the Centers for Disease Control (CDC) and the Atlanta Science Festival. The urban conveniences of Atlanta and its downtown, such as top-tier restaurants, shopping, nightlife, professional sports, and other entertainment, are all within a few miles. In addition, Atlanta is centrally located within the geographically diverse state of Georgia: there are several parks and green spaces within and near the city, numerous hiking trails are within a 30-minute drive from Atlanta, the north Georgia mountains with access to the Appalachian trail are within two hours from the city, and Savannah and the Georgia coastline are within a few-hours drive.

If this appeals to you, we hope you would consider joining us at Emory and encourage you to apply to our graduate program. The deadline to apply is January 15, and you will find the application here.
Sincerely,
Prof. Justin Burton
Director, Physics Graduate Program
Emory University

Visit your subscriptions page to unsubscribe from PhD Programs at Emory or manage similar email subscriptions from Emory University.
Rensselaer Polytechnic Institute

Dear Colleagues and SPS mentors,

I'd like to ask for your help in our graduate recruiting efforts by forwarding this message to your SPS students and seniors in general, many of whom are in the process of applying to graduate schools. Thank you very much in advance for your help!

I'd like to bring our Physics Graduate Program to your attention. Attached is our program information sheet summarizing our main research areas and individual faculty research, also available directly on our website: https://science.rpi.edu/sites/default/files/PhysicsGraduateProgramInformation.pdf

Also, general information about our graduate program can be found at https://science.rpi.edu/physics/programs/graduate

Please note that for Fall 2021 both the GRE General and the GRE Physics Subject Tests are optional (i.e., not required).

If you have any questions, please do not hesitate to contact me.

Sincerely,

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Gyorgy Korniss, Graduate Program Director
Professor of Physics
Department of Physics, Applied Physics, and Astronomy
Rensselaer Polytechnic Institute
110 8th Street
Troy, NY 12180-3590

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www.rpi.edu/~korniss/