Jobs Roll Up for December 1st

NOTE—these are positions either shared with me through my networks or as seen on LinkedIn. If you have a position you think your fellow postdocs would like to see, please use our social media outlets and send it to me at [khenne@anl.gov](mailto:khenne@anl.gov).

NOTE—for posted staff positions at Argonne, visit [www.anl.gov/careers](http://www.anl.gov/careers) and be sure to look at positions in other divisions that may fit your skill set. Reach out to your mentors and the HR Talent Acquisition to see where your next career step at Argonne might be.

**University of Chicago—Postdoctoral Affairs Administrator**

<http://main.hercjobs.org/jobs/6683508/postdoctoral-affairs-administrator>

The Postdoctoral Administrator is responsible for administering postdoctoral-related activities within the OGPA and includes the following duties: Create an environment aimed at Postdocs and their needs. Advocate for, market, manage, and provide overall support for postdoctoral fellows and their activities. Oversee general Postdoc administration, funding opportunities, relevant communication and web site information and design. Oversee special event planning and general forum management. Advocate and establish policy affecting postdoctoral training. Work with the BSD Office of Academic Affairs to facilitate appointments and reappointments. Maintain an extensive electronic filing system and/or database for tracking data on postdoctoral fellows and scholars. Regularly update this information for metrics and reporting purposes. Maintain and distribute weekly PDA bulletin; requires familiarity with industry standards for job opportunities, funding opportunities. Maintain and organize membership in the BSD Postdoctoral Association. Manage and maintain the budget for postdoctoral activities. Maintain and organize membership in the PDA steering committee for monthly planning meetings and periodic subcommittee meetings. Manage and maintain information on PDA website: http://www.bsdpostdoc.uchicago.edu/Responsible for the administrative efforts underlying postdoctoral activities such as annual postdoctoral symposium, quarterly postdoc orientation sessions, weekly seminars, and other career development events. Represent the University of Chicago at national postdoctoral affairs administration meetings.

The University of Chicago is an Affirmative Action / Equal Opportunity Employer.

Internal Number: 69\_226741

**Naval Research Laboratory**

**Senior Scientist for Soft Matter Physics**

ST-1310 or 1320, $120,749 to 181,500\* per annum

\*Rate limited to the rate for level III of the Executive Schedule (5U.S.C. 5304(g)(2))

Posted at: <http://jobs.sciencecareers.org/job/350579/senior-scientist-for-soft-matter-physics/?LinkSource=HomePage>

Serves as the technical expert in the physics of polymers, glasses, molecular liquids, and liquid crystals. Provides vision and technical direction to a multidisciplinary research program pushing the frontiers of soft matter physics, with particular emphasis in the areas of molecular dynamics, shock physics, phase transitions of soft matter emphasizing liquid crystals, and polymer and glassy materials for armor and infrastructure protection applications. This position is located in the Chemistry Division and has major implications for the areas of warfighter and infrastructure protection, fuel economy, environmental impact, life-cycle costs of military vehicles, and defense against terrorism - areas that are of great interest to both the Navy and DoD.

He/she will play a key role in developing advanced programs in elastomer/glass armor, the shock physics of soft matter, the physics of the glass transition, ultrahigh pressure dielectric relaxation, the properties of liquid crystals and their application, and the multiscale dynamics of nanocomposite materials.

As a distinguished scientist and recognized leader in his/her field, the incumbent will be called upon to brief DoD senior officials regarding Laboratory research efforts in the above areas, to serve as an NRL liaison to the Navy and other national and international organizations, and to consult on important scientific and programmatic issues.

Applicants should be recognized as national/international authorities in the above areas of research, and should have demonstrated the scientific vision and organizational skills necessary to bring long term, multi-faceted research programs to successful completion.

For information regarding this vacancy and specific instructions on how to apply, go to [**www.usajobs.gov**](http://www.usajobs.gov/), log in and enter the following announcement number **NW413XX-00-1237706K9962074S**. Please carefully read the announcement and follow instructions when applying. Please contact Lauren  Bowie at [**lauren.bowie@nrl.navy.mil**](mailto:lauren.bowie@nrl.navy.mil) for more information. Vacancy announcement closes on **December 31, 2014**.

Honeywell

Lead Analytical Chemist

Posted in: <http://chemistryjobs.acs.org/jobs/6668539/lead-analytical-chemist>

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| Responsibilities: The Lead Analytical Chemist will act as a major resource for Gas Chromatography (GC), Gas Chromatography - Mass Spectrometry (GC-MS), and High Performance Liquid Chromatography (HPLC) analyses. The position will involve practical applications with these measurement systems, method development to meet business needs, and problem solving on collaborative industrial RD&E projects. Perform chemical and materials analysis using GC, GC-MS, and HPLC on a variety of sample types for a diversity of RD&E applications. Perform sample preparation techniques (such as extraction, purification, degradation, derivatization, etc.) as appropriate for chromatographic analysis. Adapt and develop new methods for utilization of these measurement systems. Maintain and modify laboratory equipment and instruments as required. Understand RD&E project analytical needs, interpret often complex scientific data, and clearly communicate results to diverse stakeholders. Conduct feasibility experiments as needed to ensure the most appropriate analytical techniques are implemented to support program requirements. Up to 10% Travel Honeywell is an equal opportunity employer. Qualified applicants will be considered without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, or veteran status. |

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| Basic Qualifications: Masters Degree in Analytical / Organic Chemistry, or related field. 5+ years experience in analytical chemistry focused on GC, GC-MS, HPLC. Additional Qualifications: Ph.D. in Analytical / Organic Chemistry, or related field. 10+ years experience and a strong track record of applying analytical chromatography techniques to industrial RD&E problems. Candidates should have extensive direct hands-on experimental experience with these methods as applied analytical techniques. Candidates should have extensive depth and breadth of knowledge in analytical chemistry and chromatography methods for organics and polymer formulations. Fundamental understanding of other complementary methods used in organic chemical analysis and polymer materials characterization. Additional practical experience with related analytical techniques of organic or polymer analysis would be a strong plus, particularly with other Liquid Chromatography (GPC/SEC, LC-MS) and/or Thermal Analysis (TGA and DSC) as applied techniques. Ability to work in teams and with different functional areas (R&D, engineering manufacturing, marketing, customer service) Excellent written and verbal communications Ability to manage multiple and complex tasks/projects Keen analytical problem solving skills The ideal candidate is high-energy and a self-starter, with a strong sense for the impact of his/her work on business programs. |

NOTES:

Employer will assist with relocation costs.

Internal Number: 253994

University of Guelph

Two openings for Assistant Professor of Theoretical Physics

Posted in: <http://careers.aps.org/jobs/6664740>

The Department of Physics at the University of Guelph and Perimeter Institute for Theoretical Physics invite applications for two joint positions at the Assistant Professor level in theoretical physics. These are tenure-track faculty positions at Guelph, combined with an Associate Membership at Perimeter Institute. We are looking for candidates who will integrate our efforts and reinforce our strengths in theoretical physics. Areas of common interest to the Department and Perimeter Institute include astrophysics, cosmology, high energy physics, gravitational physics and mathematical physics. The successful candidates will be expected to spend time at both institutions, and will benefit from a reduction in teaching load.

The Department of Physics counts 15 faculty members and offers strong undergraduate and graduate programs to the Ph.D. level. Research areas include astrophysics and gravitation, biophysics and medical physics, condensed matter physics and material nanoscience, physics education, planetary surface exploration, and subatomic physics. More information is available at www.physics.uoguelph.ca. Perimeter Institute is a leading global centre for fundamental research in theoretical physics. The Institute offers an exceptional research environment and is currently staffed with 23 faculty and 14 associate faculty members. It currently has strong research efforts in condensed matter physics, cosmology, mathematical physics, quantum fields and strings, quantum foundations, quantum gravity, quantum information and particle physics. More information about Perimeter Institute is available at [www.perimeterinstitute.ca](http://www.perimeterinstitute.ca).

The successful candidates will have a Ph.D. in theoretical physics or a closely related field, postdoctoral experience, and will have demonstrated exceptional strength in independent research. The candidates will also have a proven ability or demonstrated potential for teaching.

University of Illinois-Urbana/Champaign

Tenure track faculty positions in Materials Science and Engineering

Posted in: <http://jobs.mrs.org/c/job.cfm?jb=21240573&site%5Fid=19052&msessid=DEpqu>

The Department of Materials Science and Engineering at the University of Illinois at Urbana–Champaign is seeking exceptional candidates for tenured faculty positions in the broad areas of materials science and engineering, materials chemistry, or materials physics. Faculty members in the Department are expected to teach undergraduate and graduate courses, and initiate and sustain a vigorous graduate research program. Applicants must provide a curriculum vita that includes a list of publications, their teaching experience and interests, and a synopsis of a proposed program of research. Candidates for tenured positions must have achieved national and international recognition for their scholarship. Applicants will be contacted by the search committee to provide the names of references when needed.

Qualified senior candidates will be considered for endowed professorships and chairs as part of the Grainger Engineering Breakthroughs Initiative, which is backed by a $100-million gift from the Grainger Foundation. Over the next few years, more than 35 new endowed professorships and chairs will be established. More information regarding the Grainger Initiative can be found at <http://graingerinitiative.engineering.illinois.edu>.

The Department presently has 25 faculty and approximately 400 undergraduate and 200 graduate students, with highly ranked graduate and undergraduate programs. Extensive state-of-the-art experimental and computational facilities are housed on campus in the Frederick Seitz Materials Research Laboratory, the Beckman Institute, the National Center for Supercomputing Applications, and the new National Petascale Computing Facility.

Applicants must hold an earned doctorate in an appropriate field. Salary and rank will be commensurate with qualifications. The proposed starting date for these positions is August 16, 2015. To ensure full consideration, applications must be received no later than February 15, 2015. The evaluation of applications by the search committee will begin before this date, and interviews may take place during the application period, but no decisions will be made until after the closing date.

To apply for this position, please create a candidate profile at http://jobs.illinois.edu and upload your letter of application and CV no later than February 15, 2015. For any questions concerning the application process, please call 217-333-1440 or e-mail mse@illinois.edu.

Illinois is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, or status as a qualified individual with a disability. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu). We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (<http://provost.illinois.edu/worklife/index.html>).

Rigaku

Raman Applications Specialist

Posted in: <http://www.rigaku.com/jobs/raman/appsci>

This Applications Scientist position supports commercial activities through development of applications, analytical methods and IQ certifications to solve our customers’ needs. This position works closely with sales, marketing, and product development team, and requires domestic and international travel for on-site applications support, training, customers’ site presentations and trade shows/exhibitions. Production support as needed. The candidate must be able to quickly and accurately communicate detail specifications to customer and/or internal resources, to assist the sales process.

Qualifications

•A minimum of five years of experience with vibrational spectroscopy, preferably with Raman Technology.

•Ideal candidate must be self-motivated with proven track record indicating excellent results with minimal daily direction.

•Comfortable in the dynamic atmosphere of a technical organization with a rapidly expanding customer and product base.

•Must communicate professionally in verbal/written responses to emails, RFPs, and when submitting reports.

•Competitive and driven to win, but with a professional demeanor and approach to attract new customers and build loyalty.

•A minimum of a B.S. in Engineering or Science or a related field is preferred. PhD preferred.

•Understanding of statistical analysis, statistical process control, method validation and development in industry regulated environments as well as safety and security material identification needs.

•Experience and familiarity of our products or industry is a plus

•Interest/ability to work in 24/7 global market, communicate outside of normal business hours.

•Must have strong computer skills (MS Office).

•Must be able to travel internationally about 30-60 %.

Triton College

Academic Program Manager

Posted in: <http://www.indeed.com/q-Renewable-Energy-l-Naperville,-IL-jobs.html>

Direct Link: <https://jobopenings.triton.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1417810897225>

The primary function of this position is to assume leadership and responsibility for the development of academic programs of study following specific guidelines associated with the Higher Learning Commission, Illinois Community College Board, accrediting agencies if applicable and appropriate college policies and procedures.