

Aalto University School of Chemical Technology invites applications for:

Tenure Track or Tenured Position in Inorganic Materials Chemistry

Send in applications by August 17, 2014.

The complete position description at <http://www.aalto.fi/en/about/careers/jobs/>

More information on the Aalto tenure track at [aalto.fi/en/tenuretrack](http://www.aalto.fi/en/tenuretrack)

Aalto University is a new multidisciplinary university in the fields of technology, business, and art and design. It opens up new possibilities for strong multidisciplinary education and research. Aalto University has 20 000 students and a staff of 5 000 including 350 professors.



PROGRAM DIRECTORS

Division of Materials Research National Science Foundation



The Division of Materials Research (DMR) at the National Science Foundation, Arlington, VA, announces a nationwide search for senior-level researchers to serve as **Program Directors in the Biomaterials and Condensed Matter and Materials Theory Programs**. Formal consideration of interested applications will begin July 15, 2014 and will continue until selections are made.

The Biomaterials position requires an individual with broad expertise and demonstrated experience in materials research related to materials of biological origin, synthetic materials intended for applications in biological systems, materials that mimic or are inspired by biological materials, and the processes through which biological materials are produced in nature. Additional expertise in interdisciplinary research areas at the interface between the biological/life and the materials/physical sciences is also desired. Applicants must have a PhD degree or equivalent experience in the chemical, materials, or physical sciences or a closely-related field plus after the award of the PhD, six or more years of successful research, and research administration and/or managerial experience pertinent to the position.

The Condensed Matter and Materials Theory position requires an individual with broad expertise and demonstrated experience in theoretical and computational materials research, particularly in soft matter. Applicants must have a PhD degree or equivalent experience in the physical sciences or a closely-related field, plus after the award of the PhD, six or more years of successful research, and research administration and/or managerial experience pertinent to the position.

For additional information and how to apply, please refer to the Biomaterials and Condensed Matter and Materials Theory Dear Colleague Letters at www.nsf.gov/materials.

Because NSF has a rotator program, there are often opportunities in diverse areas of materials research. Those interested are welcome to request further information from dmr-recruit@nsf.gov. For additional information on NSF's rotational programs, please visit: http://www.nsf.gov/about/career_apps/rotators/.

NSF is an Equal Opportunity Employer committed to employing a highly qualified staff that reflects the diversity of our nation.



Stanford | ENGINEERING

Materials Science & Engineering

ASSISTANT PROFESSOR ►

The Department of Materials Science and Engineering (MSE) at Stanford University invites applications for a tenure-track position at the Assistant Professor level. Under special circumstances involving exceptional academic merit, candidates at the untenured Associate Professor level may be considered. We seek applicants with significant accomplishments and future potential in any area of materials science and engineering. Applications from candidates with research and teaching interests related to materials for the environment are especially encouraged. Stanford University has excellent shared facilities to enable materials research discoveries, as represented by the Stanford Nanocharacterization Laboratory (SNL), the Stanford Research Computing Facility (SRCF), the Molecular Imaging Program at Stanford (MIPS), the Stanford Nano Center (SNC), the Stanford Nanofabrication Facility (SNF), the Center for Biomedical Imaging at Stanford (CBIS) and the X-ray facilities at the SLAC National Accelerator Laboratory. It is anticipated that the successful candidate will contribute to and benefit from these facilities.

The successful candidate is also expected to make major contributions to large scale multidisciplinary research and to contribute significant leadership to related academic programs at Stanford. These span several Departments and Schools, including the Schools of Engineering, Medicine, and Humanities and Sciences. We are looking for a motivated individual who is committed to excellence in teaching and the mentoring of students in a multidisciplinary environment.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women, members of minority groups, protected veterans, and individuals with disabilities, as well as from others who would bring additional dimensions to the university's research, teaching, and clinical missions.

Applicants should include a summary of their educational and professional backgrounds, a current list of published work, and the names and email addresses of three references. An indication of how the candidate's experience matches the position described should also be given. Applicants are encouraged to write brief descriptions of their plans for future research and how those plans might be realized in a Stanford setting, as well as to submit similar statements on teaching, focusing especially on their vision of teaching to students in the Department of Materials Science and Engineering. The appointment is expected to be made during the forthcoming academic year. Please apply online at: http://mse.stanford.edu/faculty/faculty_search.html. Applications should be submitted by **October 15, 2014**. Questions should be directed to the Search Committee Chair, c/o Carol Scott, via electronic mail to msesearch@stanford.edu.

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UNIVERSITY of VIRGINIA

ALCOA RESEARCH POSITION
Department of Materials Science and Engineering

The Department of Materials Science and Engineering (MSE) at the University of Virginia solicits outstanding applicants at the Research Associate/Scientist level with expertise in the general areas of physical/mechanical metallurgy; e.g., structure/properties/processing relationships and advanced characterization techniques, such as advanced transmission electron microscopy.

The successful candidate will possess a doctoral degree in materials science and engineering, or a closely related field. Approximately two-thirds of the researcher's time will be spent developing research programs in physical/mechanical metallurgy, ideally, in collaboration with ongoing research interests in MSE and at Alcoa. The remaining time will be spent assisting researchers in advanced characterization techniques in the University-wide Nano-Scale Materials Characterization Facility (NMCF), where the candidate will reside. The initial appointment is for up to three years, with the possibility of continued funding.

Applications must be submitted on-line through **JOBS@UVA at www.hr.virginia.edu**. Qualified candidates are required to include a letter of application, a detailed curriculum vitae, a statement of research plans and interests, and contact information for at least three professional references. The anticipated starting date for this position is fall 2014; applications will be accepted until the position is filled.

The University of Virginia is an equal opportunity/affirmative action employer committed to developing diversity and welcomes applications from women, minorities, veterans, and persons with disabilities.

COMING SOON!

A New MRS Career Central Job Board

Job Seekers

- Manage your personalized job search
- Access hundreds of job postings relevant to you
- Partake in confidential resume posting
- Access our advanced Job Alert system

Employers

- Quickly and easily post job openings
- Manage your online recruiting efforts
- Utilize our cutting-edge resume searching capabilities
- Reach targeted and qualified candidates

More information coming soon!



FRONTIER INSTITUTE OF SCIENCE AND TECHNOLOGY
前沿科学技术研究院
FIST

**Center Directorships
Tenure-Track Faculty Positions
Postdoctoral Research Fellows**

**Frontier Institute of Science and Technology
Xi'an Jiaotong University**

FIST is a large selective investment by XJTU in an effort to establish a world-class, multi-disciplinary research institute. To achieve this goal, FIST is setting up a number of research centers of excellence in Physics, Chemistry, Bio-Science/Life-Science/Basic-Medical-Science, and Materials Science, and adopts a new management system similar to that of most U.S. universities. Ten planned centers have been established recently, and FIST is now recruiting the remaining Center Directors. In addition, FIST invites applications to fill its multiple, full-time tenure-track faculty positions at all levels (from lab director to group leader), as well as postdoctoral positions. See our Chinese ad at <http://fist.xjtu.edu.cn/job/show.asp?id=11> for details.

An eligible candidate for the Center Director position should be an internationally renowned scientist and established leader in his/her field, with the ability and will to build his/her center into an internationally recognized center of excellence. Successful candidates will be provided with a sizable start-up package to establish a research center, together with a highly competitive salary. See our Chinese ad at <http://fist.xjtu.edu.cn/job/show.asp?id=11> for details.

In addition to the Center Director positions, FIST also invites applications in the above-mentioned areas to fill its tenure-track faculty positions at all levels, from lab director to group leader. Applications for postdoctoral positions are also welcome. An eligible faculty candidate should have a track-record for excellence in research and the potential to lead a lab or a group to success. Successful candidates will be provided with a competitive start-up package including salary, lab space, and start-up fund, together with other benefits. Position level and start-up package will vary with the candidate's qualification. See our Chinese ad at <http://fist.xjtu.edu.cn/job/show.asp?id=11> for details.

Interested individuals should set up their free ResearcherID webpage on <http://www.researcherid.com/>. Please send your ResearcherID citation information along with a cover letter, CV, and a list of ten representative publications to:

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Argonne National Laboratory is accepting applications for the 2015 Named Fellowship. Argonne awards these special fellowships internationally on an annual basis to outstanding doctoral-level scientists and engineers who are at early points in promising careers. The fellowships are named after scientific and technical luminaries who have been associated with Argonne and its predecessors, and the University of Chicago, since the 1940s.

Candidates for these fellowships must display superb ability in scientific or engineering research, and must show definite promise of becoming outstanding leaders in their fields. Fellowships are awarded annually and may be renewed up to three years. The 2015 fellowship carries a highly competitive salary with an additional allocation research support and travel. The deadline for submission of application materials is **OCTOBER 7, 2014**.

Applicants should identify an Argonne staff member to sponsor the nomination. The sponsor could be someone who is already familiar with your research work and accomplishments through previous collaborations or professional societies. If you have not yet identified an Argonne sponsor, visit the detailed websites of the various research efforts at www.anl.gov/science.

Applications must be submitted online through <http://www.anl.gov/careers/apply-job>. Correspondence and supporting letters of recommendation should be submitted to Named-Postdoc@anl.gov.

For more information, visit the Argonne Postdoc Blog at <https://blogs.anl.gov/postdoc/> or contact the Postdoctoral Program Coordinator, Kristene Henne, at khenne@anl.gov.

Argonne is an equal opportunity employer and we value diversity in our workforce. Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC



ASSISTANT PROFESSOR

Materials Engineering

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track faculty position in materials engineering at the Assistant Professor level with an anticipated start date of Fall 2015. Applicants should hold the PhD degree in Materials Science and Engineering or a closely related field with a strong record of research accomplishments and the capability to develop an active and nationally recognized research program. The successful candidate must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach courses in materials engineering.

Applications in all research areas will receive consideration with preference given to those areas that complement existing department strengths including advanced materials synthesis and nanomaterials, biomaterials, computational materials science, energy-related materials, membranes, micro- and nanomechanics, and materials characterization.

Review of applications will begin immediately and will continue until the position is filled. Candidates should apply for the position at <http://www.uky.edu/HR/UKjobs> (posting FE00016); the deadline for acceptance of applications is **November 15, 2014**. Submit PDF files consisting of a letter of interest, complete curriculum vitae, statement of research goals, statement of teaching philosophy and experience, and the names and contact information for at least three references.

For more information, contact Prof. Douglass Kalika at douglass.kalika@uky.edu. Information on the Department can be found at <http://www.engr.uky.edu/cme>.

The University of Kentucky is an Equal Opportunity University. We encourage applications from all interested and qualified individuals.



FACULTY POSITION

Department of Materials and Interfaces Weizmann Institute of Science

The Department of Materials and Interfaces at the Weizmann Institute of Science, Israel, is soliciting applications for a tenure-track or tenured faculty position in the general field of Materials Science. Exceptional candidates are sought in all areas of Materials Science and Chemistry, including (but not limited to) hard and soft matter, biomaterials, electronic materials, nanoscience, and alternative energy research.

Candidates are expected to currently have or to develop an internationally recognized program. Considerable institutional resources are available for the support of the successful applicant's research program and a competitive start-up package can be expected.

Applications including a cover letter, a resumé, and a list of publications, as well as a statement of current and future research interests should be sent to sarah.amzallag@weizmann.ac.il by **October 1, 2014**.

The Weizmann Institute of Science is one of the world's leading multidisciplinary research institutions. More information on the Department of Materials and Interfaces is available at <http://www.weizmann.ac.il/materials/>.

HEAD AND PROFESSOR

Department of Mechanical Science and Engineering University of Illinois at Urbana-Champaign

The University of Illinois at Urbana-Champaign invites applications and nominations for the position of Head of the Department of Mechanical Science and Engineering (MechSE). The MechSE Department at Illinois is a leader in mechanical engineering and theoretical & applied mechanics education and research, with programs consistently ranked in the top five nationally, and approximately \$24 million of externally funded research per year. The Department Head is a tenured full Professor and serves as the chief executive officer, responsible for all administrative, budgetary, hiring, and promotion decisions. The search committee seeks candidates with a distinguished record of achievement and internationally recognized for their research excellence, leadership, and scholarship. Further details about the MechSE Department and the position can be found at mechse.illinois.edu/about-us/department-head-search.

The desired start date is January 16, 2015, or as soon as possible thereafter. Applications should be received by **October 1, 2014**, for full consideration, but applications will be accepted until the position is filled. **Please apply at jobs.illinois.edu**.

Nominations for this position are also encouraged. Nominations should be in the form of a brief letter detailing the accomplishments of the nominee. Nominations and questions regarding the position of Department Head should be addressed to the chair of the search committee: **Prof. David Cahill, Email: d-cahill@illinois.edu**



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