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FOR ChE JOBS"**

<http://careerengineer.aidhe.org>

POSITIONS AVAILABLE

TECHNICAL MANAGER

AICHE'S CENTER FOR CHEMICAL PROCESS SAFETY

AICHE seeks a Technical Manager to support growth of its Center for Chemical Process Safety (CCPS). The successful candidate will provide technical support and project management services and develop new offerings to enhance CCPS' impact, value, and outreach. The Technical Manager will work closely with the Executive Director, CCPS and staff to develop and implement strategies that meet organizational goals. The CCPS Technical Manager will oversee execution of CCPS book projects, advance educational/awareness offerings and develop and deploy new tools and programs which enhance value provided to corporate sponsors, while helping drive improvement in process safety industry-wide. The Applicant should hold a BSChE or related Engineering discipline and have at least 10 years relevant experience in process safety. MBA or equivalent experience also desirable, including program and/or business development, budgeting, cost control, and contract negotiation is also required. The applicant should also be an excellent oral and written communicator, with international work experience as well as experi-

ence working with AIChE conferences and committees. Interested candidates may e-mail their cover letter and resume to recruitment@aidhe.org, noting the title of the position in the subject. AIChE is an Equal Opportunity Employer.

ACADEMIC OPENINGS

THE UNIVERSITY OF FLORIDA — COLLEGE OF ENGINEERING HAS OPENINGS FOR FACULTY WORKING ON MULTIDISCIPLINARY PROBLEMS IN ENERGY.

As part of a broad effort to hire 20 new tenure-track or tenured faculty across all ranks within the College, we seek candidates with expertise in Electrochemical Energy Storage. Preference will be given to candidates who can leverage a wide variety of research activities in the field of energy in the College of Engineering and other Colleges at the University of Florida. These activities range from solar energy, solid state lighting, energy aware computing, energy systems control and optimization, fuel cells and batteries, nuclear power, and bio-fuels (www.energy.ufl.edu). The College has over 270 Faculty, in excess of 2,600 Graduate Students and more than 5,000 Undergraduates. It is one of the most comprehensive Engineering Colleges in the country and ranked 15th among public Colleges of Engineering in the *US News and World Report*. In addition, Gainesville is a vibrant community and has been rated as one of the best places to live in America. Requirements: A doctoral degree in chemical engineering, materials science, or a related discipline is required. The college of engineering has eleven Departments, and we will work with you to identify the best home Department for your background and interests. **Application Process: For more information and a link to apply please visit <http://www.eng.ufl.edu>, and click on "Strategic Plans Apply Now."** The University of Florida is an equal employment opportunity employer. Women and minorities are encouraged to apply. The "government in the sunshine" laws of Florida require that all documents relating to the search process, including letters of application/nomination and reference, be available for public inspection. If an accommodation due to a disability is needed to apply for this position, please call (352) 392-2HRS or the Florida Relay System at (800) 955-8771 (TDD). The positions are opened until filled. The review of applications will begin on May 1, 2010.



THE COOPER UNION ALBERT NERKEN SCHOOL OF ENGINEERING

DEAN

Founded in 1859 by inventor, industrialist and philanthropist Peter Cooper, The Cooper Union offers an unparalleled education in architecture, art and engineering. An all honors college and one of America's most selective institutions of higher education, The Cooper Union admits between seven and ten percent of applicants and has provided a full tuition scholarship to every admitted student for 150 years.

The college's Albert Nerken School of Engineering, a premiere undergraduate engineering institution, seeks a Dean of Engineering with an exciting vision for engineering education in this century, a history of academic leadership, and the administrative acumen to make significant contributions to the institution.

As head of the Nerken School, the Dean reports directly to the President. The Dean requires an earned doctorate and a distinguished record of research and scholarship in engineering, a commitment to undergraduate teaching, pedagogical innovation and skilled grantsmanship to support research. In addition, the Dean must be an exceptional leader with excellent communication skills and an aptitude for consensus building. The candidate should merit tenure as a full professor in a department within any preeminent engineering college.

The Albert Nerken School of Engineering is comprised of seven departments and offers bachelor's and master's degrees in chemical, civil, electrical, and mechanical engineering and the bachelor of science degree. Approximately 500 undergraduate and 50 graduate students are enrolled in engineering. Engineering faculty members engage in research collaborations with local academic medical centers, research universities and technology intensive corporations.

Additional information can be found at
<http://cooper.edu/news/engineering-dean-search>

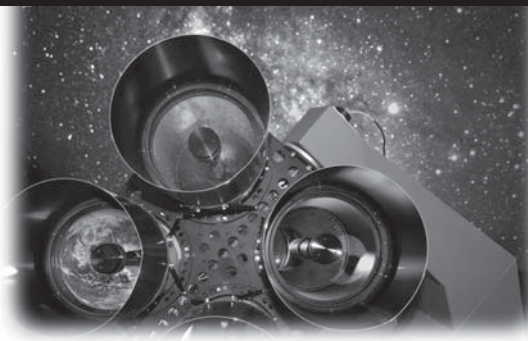
Inquiries, nominations and applications should be submitted to:
engsearch@cooper.edu

Visit AIChE'S CareerEngineer Job Board <http://careerengineer.aidhe.org> For Additional Employment Opportunities

Some of the many positions you'll see on AIChE's targeted chemical industry job board include:

- Process Development Engineer, Downstream – Solazyme
- Account Executive – GE Water & Process Technologies
- Environmental Engineer – Rhodia
- Product Engineer – Carestream Health
- Sr. Process Engineer, Gasification Technology – Southern Company
- Sr. R&D Engineer – Mallinckrodt Baker
- Technology Expert, Produced Water Chemistry & Treatment – Futurestep
- Quality Engineer – Reckitt Benckiser

While on the site, be sure to upload your resume FREE for employers to view and contact you.



Los Alamos National Laboratory

Agnew National Security Postdoctoral Fellows

Los Alamos National Laboratory (LANL) addresses national security needs through cutting-edge experimental, theoretical, and computational science, and engineering research using the newest and most advanced facilities in the US and around the world. LANL seeks applications from outstanding candidates to be considered for an Agnew National Security Postdoctoral Fellow appointment. Selected candidates will have the opportunity to perform research aligned with the national security mission of LANL, including the following:

Advanced Engineering Analysis — Explore finite element analysis, with an emphasis on the development of techniques that incorporate plasticity, creep, and damage. The selected candidates will also support experimental activities to characterize relevant mechanisms and validate constitutive models.

Advanced Hydrodynamics — Design, develop and field experiments in advanced hydrodynamics including magneto-, radiative- and fluid- driven instabilities, mixing processes involving condensed matter, fluids and plasmas, and turbulence.

Computational Astrophysics — Development and application of sophisticated computational model to the investigation of fundamental issues in stellar astrophysics from star formation through stellar end states.

Computational Fluid Dynamics — Develop and test a wide variety of models, from LES to unsteady RANS, capturing turbulence and turbulent mixing of different fluids under extreme conditions.

Dynamic Material Properties and Shock Physics — Develop advanced experimental techniques and new diagnostics to support research in multi-phase thermodynamic properties, equations-of-state, and dynamic constitutive properties of materials, including flow stress and phase aware strength, kinetics, and damage properties for metals, polymers, foams, and high explosives.

High Energy Density Physics (HEDP) and Inertial Confinement Fusion (ICF) — Design and analyze complex HEDP/ICF experiments using radiation-hydrodynamics simulations; design, execute, and analyze complex experiments at the world's largest laser facilities; design, build, field, and interpret advanced diagnostic instrumentation that measures fusion products, X-rays, or gamma rays; and inertial fusion energy system design.

High Explosive and Detonator Technologies — Design and engineering, modeling and simulation, and testing of explosive systems and the application of explosive engineering to issues in Stockpile Stewardship, including ultra high speed testing and diagnostics, initiation of and detonation technologies.

Magneto-Hydrodynamics — Develop 3D MHD simulation techniques for application to condensed matter, warm dense matter and strongly coupled and conventional plasmas, including design, simulation, and analysis of new experiments and simulation, and analysis of exiting experimental results.

Nuclear Physics and Neutral/Charged Particle Transport — Experimental and computational investigation of nuclear and thermonuclear processes resulting in improved models for burn and reaction product transport.

Plasma Physics — Investigation of fundamental plasma physics questions at small and intermediate laboratory scale with emphasis on energy equilibration mechanisms, radiation-plasma interactions, and the property and behavior of warm dense matter.

Radiographic Technology for Hydrodynamic Testing — Develop and field advanced radiographic techniques such as continuous imaging at 50 MHz (and higher) rates, as well as new or enhanced techniques for image analysis that may complement Bayesian methods.

Weapons Engineering — Practice multi-disciplinary engineering methods, including High Explosive Engineering, Complex Systems Engineering, Nuclear Safety and Surety Engineering, Modeling and Simulation of Complex Systems, and their application to issues in Stockpile Stewardship.

Required skills — Ability to obtain a DOE "Q" Security Clearance, excellent communication skills, and ability to work independently with minimal supervision. Demonstrated success in performing, analyzing, and publishing high-quality research in related areas.

Education — Completion of a Ph.D. in fields relevant to the research described above within the last five years or will have completed all Ph.D. requirements by commencement of appointment.

Application will be reviewed by the LANL Postdoctoral Committee against the qualification for the Agnew Fellowship.

Candidates interested in being considered for one of these appointments should submit a letter describing your research interests, and a CV or resume, including list of publications, by accessing job # 219144 at <http://www.hr.lanl.gov/JobListing/SingleJobAd.aspx?JobNumber=219144>. For technical questions, e-mail agnew@lanl.gov. Deadline for application is June 4, 2010.

For general information regarding the Postdoctoral Program, refer to:
<http://www.lanl.gov/science/postdocs/>



www.lanl.gov/jobs