

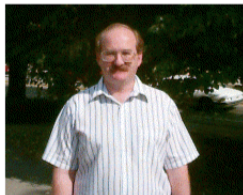
Chemistry Notices

For the Week of October 10 to 14, 2011

VISITING SPEAKERS & SEMINARS

Department of Chemistry / University of Alberta
Physical Division Visiting Speaker

Professor Dennis Clouthier
Department of Chemistry, University of Kentucky



will speak on

“Terrestrial and extraterrestrial studies of nonexistent compounds”

Date : **Thursday, October 13, 2011**
Time : **11:00 a.m.**
Place : **E3-25 Gunning/Lemieux Chemistry Centre**

YX.WJ/d4
Sept. 28, 2011

Ritesh K. Saini
502 Seminar

will speak on

“Designer nucleases for targeted genome editing”
”

Wednesday, October 12, 2011
11:00 a.m. in CCIS L1-140



EMPLOYMENT OPPORTUNITIES

Postdoctoral Fellow – Structural Biology of the Ubiquitination Cycle.

University of Alberta, Department of Biochemistry.

Dr. Leo Spyrapoulos invites applications for a Postdoctoral Fellowship in structural biology of the ubiquitination cycle, with a focus on protein NMR spectroscopy. This is a one-year position, with the possibility of extension. Salary will be commensurate with qualifications and experience.

The Department of Biochemistry offers an intensive, collaborative environment for research in structural biology, housing state-of-the-art research facilities, which include high field 600 and 800 MHz NMR spectrometers.

The successful applicant will be employed primarily to study the structure, dynamics, interactions, and kinetics of proteins and enzymes of the ubiquitination cycle, with an emphasis on determining the molecular basis underlying the recognition of polyubiquitin chains as well as the enzymatic catalysis of ubiquitin chain elongation. Experience with general biochemistry, protein expression and purification, protein NMR spectroscopy, protein structure determination, molecular dynamics simulations, enzyme kinetics, and familiarity with computer programming and software (UNIX, Linux, Mathematica) is an asset. Responsibilities of the postdoctoral fellow include coordinating and completing research projects, training and mentoring graduate students, participating in research discussions, and working closely and cooperatively with other members of the Department involved in structural biology. The postdoctoral fellow will be expected to participate fully in research, publication, and dissemination activities.

Qualified candidates will have a recent Ph.D. in protein NMR spectroscopy or a closely related field. Applications will be accepted from candidates who will complete their doctoral degree within one year.

Information about this position can be obtained by contacting Dr. Leo Spyrapoulos (leo.spyrapoulos@ualberta.ca).

Applicants should send a letter of application, a curriculum vitae, and an example of published research to Dr. Leo Spyrapoulos by e-mail, or by regular mail:

Dr. Leo Spyrapoulos
Department of Biochemistry
Room 416, Medical Sciences Bldg.,
University of Alberta
Edmonton, Alberta, T6G 2H7
CANADA

The University of Alberta welcomes diversity and encourages applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

Additional Information:

Department of Biochemistry: <http://www.biochem.ualberta.ca>
Postdoctoral Fellows Office: <http://www.postdoc.ualberta.ca>

EMPLOYMENT OPPORTUNITIES, *continued*

**Florida State University
Department of Chemistry and Biochemistry
Assistant Professor**

The Department of Chemistry and Biochemistry at Florida State University seeks to fill a tenure-track faculty position at the Assistant Professor level beginning August 7, 2012. Applications are encouraged from individuals whose research interests are in any area of modern chemistry and biochemistry. The department is particularly interested in continued growth in the areas of **bioanalytical chemistry** and **chemical biology**, including **advanced imaging and measurement technologies**. Appointees will be expected to develop a vigorous, externally supported research program and to teach both undergraduate and graduate courses. Successful candidates will have a Ph.D. and postdoctoral training in a relevant field. Application materials, including a cover letter, CV, research proposal, and statement of teaching philosophy, should be sent to chemsearch@chem.fsu.edu. Additionally, applicants should arrange for three letters of recommendation to be sent by email or to: Faculty Search Committee, Department of Chemistry and Biochemistry, Florida State University, 95 Chieftain Way, Tallahassee, FL 32306-4390. Review of applications will begin on October 15, 2011, and continue until the position is filled. Florida State University is an equal opportunity employer; minority candidates and women are especially encouraged to apply.

The CCHF invites applications for the position of Scientific Program Administrator. This individual will work with the CCHF scientists to facilitate, promote and organize the research efforts. The duties include, but are not limited to, assistance with gathering and submission of research reports, organizing and providing oversight for research meetings (both web-based and site meetings), gathering, maintaining and distributing promotional materials, working with others to maintain the CCHF's website, developing and serving as a liaison with private partners of the CCHF, and providing oversight of research funding and expenditures. The ideal candidate will hold a Ph. D. in chemistry with preference to those who have experience in the field of homogeneous catalysts. Candidates with an M.S. degree and substantial experience will be considered. Previous involvement with management of scientific groups (e.g., research institutes, academic institutions, national laboratories or industrial groups) and strong interpersonal and organizational skills will be valuable. The initial salary will be commensurate with experience level.

SUBMISSION OF APPLICATIONS: Applications should include a current resume with a list of three references and a brief cover letter that outlines relevant experience in education and administration. All materials (including references) should be submitted at <https://jobs.virginia.edu> under position number: R4114 (NOTE: Enter this number in the position number box and not the posting number box). From the home page, click on "Search Postings" in the upper left corner and enter the position number in the search tool. Questions about the submission process should be sent to Ms. Valerie Dudding at:

vnh6y@eservices.virginia.edu

Questions about the position should be directed to:
tbg7h@eservices.virginia.edu

EMPLOYMENT OPPORTUNITIES, *continued*



The Department of Biochemistry at Purdue University, West Lafayette, Indiana invites applications for a tenure track faculty position at the Assistant or Associate Professor level. Areas of interest include, *but are not limited to*, enzyme function (e.g. protein structure/function relationships, metabolic pathway analysis), the biochemistry of disease (e.g. metabolic processes related to cancer, epigenetic factors that influence disease) and the function of RNAs in biological systems (e.g. small RNAs that impact gene and protein expression, RNA catalysis). Applicants whose research is enabled by genomic approaches will be of particular interest. The successful candidate will be expected to develop an internationally-recognized research program, interact with diverse faculty, staff and students across campus, demonstrate excellence in teaching and function as an active member of the department and university faculty.

The Department of Biochemistry is part of a large and vibrant life science community. Our faculty participates in interdisciplinary programs in cancer, plant biology, neuroscience, biophysics, genetics and bioinformatics. Support facilities are available for genomic analysis, metabolomics, protein mass spectrometry, NMR, X-ray crystallography, microscopy, and transgenic animal research. For more information see www.biochem.purdue.edu.

Applicants for assistant professor should have a Ph.D. degree, at least two years of post-doctoral experience, a strong publication record, the potential to develop a vigorous, extramurally-funded research program, and a commitment to research and teaching excellence. Candidates at the associate professor level must have a track record of academic achievement and external funding in addition to the above. A background check will be required for employment in this position. Applications should include a cover letter, curriculum vitae, two-page summary of research interests, one-page teaching statement and the names and contact information of three references. Applications should be submitted electronically to biochem-search@purdue.edu

Screening of applications will begin November 1, 2011 and will continue until the position is filled.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

OTHER OPPORTUNITIES



Are you a graduate or senior undergraduate student
at the University of Alberta?

Are you interested in polar research?

Apply today to the **Canadian Circumpolar Institute** for research funding!

CCI administers TWO funding programs which provide 'seed' funding aimed at offsetting the high cost of conducting research in Canada's North and throughout the polar regions (including Antarctica).

Circumpolar/ Boreal Alberta Research (C/BAR) Grants

Value: Variable, up to \$5,000 (an average award is \$2,500)

Eligibility: Research in ANY subject area, provided the geographic area of focus is the circumpolar north (any area of the world north of the southern limit of the boreal forest), and Antarctica. Awards are for one-year; a maximum of 3 one-year grants may be received for any one project and/or degree program.

Northern Scientific Training Program (NSTP) Grants

Value: Variable, up to \$3,500 (an average award is \$2,500)

Eligibility: Research in ANY subject area, provided the geographic area of focus is north of the southern limit of the discontinuous permafrost zone, with the addition of all of the Southern Yukon in the West; that section of Labrador south to and including Red Bay; and the other seven Arctic countries (Finland, Greenland (Denmark), Iceland, Norway, Russia, Sweden and the U.S.A. - Alaska).

Open ONLY to Canadian Citizens or Permanent Residents registered with a program leading to a northern specialization.

Post-doctoral studies are **not supported**.

The combined value of C/BAR and NSTP award will not exceed \$5,000

Application: Terms of reference and application forms for **both grants** are available from the Canadian Circumpolar Institute (CCI) website:
<http://www.uofaweb.ualberta.ca/CCI/nav01.cfm?nav01=92005>

CCI Deadline: 20 October 2011

Departmental Deadline: Refer to your Department/Faculty deadlines

OTHER OPPORTUNITIES, *continued*



2nd Annual WISEST Lectureship

Women Leaders in Science & Engineering: *Why So Few?*

Dr. Elizabeth Cannon, P.Eng.

President & Vice-Chancellor
University of Calgary

Thursday, November 1, 2011

5:30 pm – Networking Reception

6:30 pm – Lecture

TELUS Centre, University of Alberta

RSVP at www.wisest.ualberta.ca



**the Canadian
Science Policy Centre**
better policies, better science

The Canadian Science Policy Conference (CSPC) is a national forum for science, technology and innovation policy discourse. It provides a unique opportunity to share ideas on how best to create an innovative Canada for all Canadians.

Under the motto "Building Bridges for the Future of Science Policy", CSPC 2011 is organized around issues of enduring and immediate concern to Canadian scientists, industry, government, and policy-makers. This year's meeting will have a special focus on Chemistry

The 3rd annual CSPC meeting will be held in Ottawa from November 16-18, 2011 and registration is now open. CSPC 2011 will be another milestone in Canadian science policy. By bringing together more than 500 high-profile scientists, executives, industry leaders, government officials, and academics, CSPC will provide a unique opportunity for networking amongst Canada's diverse science policy stakeholders. Register now: www.cspc2011.ca

To learn more about science policy in Canada visit our website: <http://sciencepolicy.ca>