

CHEMISTRY NEWSLETTER

New Chemistry summer hours starting May 1, 2004 Monday-Friday 8:00-12:00 and 1:00-4:00

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April 23, 2004 Volume 31 No. 17

VISITING SPEAKERS

no visiting speakers this week.

502 SEMINAR

Brenden Schill will speak on “Developments and Applications of the Mukaiyama Michael reaction.” On Monday, April 26, 2004 at 11:00 in V-107.

Dwayne Shewchuk will speak on "Self-Assembled Nanoscale Biosensors Based on Quantum Dot FRET Donors". on Wednesday, April 28/04 at 11:00 a.m. in V-110.

Notices

Cumulative Examinations will be held on Saturday, May 8, 2004 at 11:00 a.m. in Room E5-36 (May 1 date is cancelled).

Chemistry 401 Presentations:

Monday, April 26, 2004 1:00-3:00 p.m. in E3-25

Logan LaRocque: “Magnetic Resonance Imaging of an operating fuel cell”

Andrea Lui: “Development for combinatorial atomic force microscopy (AFM)”

June Ng: “Chromatographic patterning of a surface for AFM?”

Dennis Wenger: “Possible applications of new photonic crystal fibres in Raman spectroscopy”.

Chemistry 401 Presentations:

Tuesday, April 27, 2004 1:00-3:30 p.m. in E3-25

Colin Hessel: “Biotransformation of PCB’s in a tidal marsh food web”.

Robbie Nissen: Synthesis of Methyl 5-Methylthio-alpha-D-Arabinofuranoside

Jessica Ponto: “Synthesis of a Rhodococcus suber lipoarabinomannan fragment.”

David Wingert: “Indirect formation of a nitrogen heterocycle onto a benzene ring via radical cyclization.”

Wing Chung: “Thermal dissociation of metal ion-carbohydrate complexes M^{2+} (trehalose)_n in the gas phase”.

Sabbatical Home - Live close to University of Alberta in this charming, sunny one-and-a-half storey home on a quiet, tree-lined street in McKernan. This house is fully furnished, including fridge, washer/dryer, dishwasher, stove, gas grill, chest freezer, and other appliances. No pets, no smokers. \$1000 CAN/month, utilities extra. Available 9/03-8/04 (negotiable). Additional details including photos can be found at:

http://www.sabbaticalhomes.com/result_query_details.asp?MessageID=11653

Email dietmark@athabascau.ca or call (780) 431-4924.

EMPLOYMENT OPPORTUNITIES

ARE POSTED ON THE BULLETIN BOARD
ACROSS FROM THE ELEVATORS ON THE THIRD FLOOR
PLEASE DO NOT REMOVE THE EMPLOYMENT NOTICES
FROM THE BULLETIN BOARD

Employment opportunities are posted on a new internet site:
<http://www.careerowl.ca>

Grant MacEwan College is looking for a part-time organic laboratory instructor with an M.Sc. or Ph.D.

Grant MacEwan College is looking for a full time and part time term certain general chemistry laboratory instructors with an M.Sc. or Ph.D. in Chemistry

Interested persons should submit their CV to GelminiL@macewan.ca by May 15th, 2004.

National Research Council, Post Doc position who will join an Antibody Engineering group. For more information contact jianbing.zhang@nrc-cnrc.gc.ca

Rocky Mountain College, requires an assistant professor of organic chemistry <http://www.rocky.edu>

Rocky Mountain College, requires a director of their NMR facility in the department of chemistry. <http://www.rocky.edu>

Graduate Student/Post-doc Career Advice: The UofA Library has a subscription to Science's Next Wave, a weekly online publication that covers scientific training, career development, and the science job market. It can be accessed through the library or at nextwave.sciencemag.org/ca/

Students interested in Pharmaceutical Sales and Marketing jobs should search for vacancies online at <http://www.sciencejobs.com>

National Institute for Nanotechnology requires a Electron Microscopy Technical Officer. Contact person Thelma Finch, Human Resources Systems Coordinator (780492-8695)

Outreach Activities can be accessed at:

www.ualberta.ca/Outreach/whats%20new.htm#science

University of Ottawa National Undergraduate Chemistry Conference October 1 & 2, 2004. Registration and abstract submission deadline: August 15th, 2004. Travel award application deadline: July 15, 2004

University of Alberta Department of Chemistry Achievements and Recognitions

Congratulations to Jed Harrison on winning the ACS Division of Analytical Chemistry Award in Chemical Instrumentation, sponsored by the Dow Chemical Foundation. This award is given annually to an individual who has substantially and uniquely enhanced the field of chemical instrumentation, and will be presented at the Fall National ACS Meeting in Philadelphia, August 22-26, 2004.

...more interesting tidbits and jobs on next page...

SciFinder Workshop: April 27, 2004.

To enhance your use of SciFinder Scholar the SciTech Library is hosting an advanced workshop for SciFinder Scholar users on April 27, 2004 9:00 - 12:00 in the Cameron Lab (1-20G).

John Guglielmo, from Chemical Abstracts Services, will be here to conduct this advanced workshop for researchers using SciFinder Scholar. This will be designed to deal with issues and problems which you, as the research users, have identified regarding both content and search strategies. In order to focus the workshop on these issues and problems we are asking that you send questions or topics you would like addressed in the session to John (jguglielmo@siil.com), with a copy to David Jones (david.jones@ualberta.ca).

Please make the most of this opportunity by identifying your questions and sending them to John Guglielmo.

Catalyze your potential

– The 18th annual western Canadian undergraduate chemistry conference hosted by the University of Manitoba May 6-8, 2004.

Website with registration form:

www.umanitoba.ca/chemistry/ChemClub/conference.html. Invited speakers: Dr. Chris Orvig and Dr. Mel Comisarow (both of UBC), Dr. Thomas Back (U of Calgary) and Dr. Scott Kroeker (U of Manitoba). Registration deadline April 20, 2004. For more info email umgallan@cc.umanitoba.ca

CSC Career Fair

held in conjunction with: 87th Canadian Chemistry Conference and Exhibition at the London Convention Centre May 31, 2004 9:00-16:00. Contact information Gale Thirlwall-Wilbee; Career Services Manager, Canadian Society for Chemistry; 130 Slater Street, Suite 550; Ottawa, On; K1P 6E2; Ph: 613-232-6252 ext. 223; FAX: 613-232-5862; gwilbee@chminst.ca. For more information www.csc2004.ca

JOKE OF THE WEEK

A chemistry teacher wanted to teach his 5th grade class a lesson about the evils of liquor, so he produced an experiment that involved a glass of water, a glass of whiskey and two worms.

“Now, class. Observe the worms closely,” said the teacher putting a worm first into the water. The worm in the water writhed about, happy as a worm in water could be.

The second worm, he put into the whiskey. It writhed painfully, and quickly sank to the bottom, dead as a door nail.

“Now, what lesson can we derive from this experiment?” the teacher asked.

Johnny, who naturally sits at the back, raised his hand and wisely, responded, “Drink whiskey and you won’t get worms.”

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Research Associate II – Cambridge, MA (Job#: amge-0000545)

The primary responsibility for this position will be the design and synthesis of novel compounds for potential drug candidates in a multidisciplinary environment under the general direction of a research scientist. Candidates for this position should have a BS or MS degree, or equivalent, in chemistry with an emphasis on organic synthesis and 0 - 4 years of academic and/or industry research experience. Advanced laboratory skills, knowledge of NMR, mass spectrometry, and purification techniques, as well as strong presentation and communication skills are required.

Research Associate II – Cambridge, MA (Job#: amge-00003057)

The primary responsibilities of this position are to provide technical support of automated research instrumentation in a pharmaceutical environment. The candidate will maintain current equipment resources, schedule repairs, and preventative maintenance contracts as well as schedule installation of new instrumentation. A BS or MS degree in organic chemistry, analytical chemistry or related fields with 2+ years of pharmaceutical experience is required. A basic knowledge of research instrumentation including HPLC, FT-IR, mass spectrometry and NMR is preferred, as well as excellent written and verbal communication skills.

Research Associate III – Cambridge, MA (Job#: amge-00003053)

The primary responsibilities of this position are to develop separation and identification techniques of new chemical entities (NCE’s) to support the medicinal chemistry teams engaged in lead optimization. A BS or MS degree in organic chemistry, analytical chemistry or related field, as well as 3+ years of industry experience in the areas of discovery analytical, process analytical, preparative chromatography, or high throughput purification techniques is required. A detailed knowledge of separation techniques including HPLC/MS or SFC chromatography is preferred, as well as excellent written and verbal communications skills.

Research Associate II – Thousand Oaks, CA (Job#: amge-00005349) & Cambridge, MA (Job#: amge-00006863)

The successful candidate will be required to synthesize potential drug candidates in a multi-disciplinary environment under the general direction of a research scientist. Advanced scientific technical skills, along with a working knowledge of HPLC, NMR, and mass spectral interpretation are essential. Good interpersonal and communication skills (both written and oral) are valuable. Individual should have a BS or MS degree in chemistry, or equivalent, with an emphasis on organic synthesis, as well as 0-4 years of relevant laboratory experience.

Research Associate I – Thousand Oaks, CA (Job#: amge-00005511)

We are seeking a motivated Research Associate to join our Catalysis Group to conduct research in the area of homogeneous and heterogeneous catalysis in support of our drug discovery and process development efforts. The ideal candidate should have a BS or MS degree in chemistry with particular emphasis in the use of homogeneous or heterogeneous catalysis in organic synthesis. Candidates would be responsible for the synthesis, characterization of new catalysts along with catalyst screening, product characterization and scale-up. Strong knowledge of modern spectroscopic and chromatographic techniques is essential.

Communication skills

and the ability to work effectively in teams are valuable, as well.

These are just some of the many opportunities available throughout Amgen. Our outstanding compensation package features comprehensive benefits and relocation assistance. To learn more about the positions above, view all of the open positions available, or to apply online, please visit the Amgen Career Center at www.amgen.com/career.

As an EEO/AA employer, Amgen values a diverse combination of perspectives and cultures. M/F/D/