

Chemistry Notices

For the Week of May 9 to May 13, 2011

VISITING SPEAKERS & SEMINARS

Verner A. Lofstrand

502 Seminar

will speak on

“The “Hooz-Who” of Carbon-Carbon Bond Formation: Application of Hydrazones to Non-Functionalized Carbon-Carbon BondFormation”

**Monday, May 9, 2011
11:00 a.m. in NRE 2-003**

Jerry Alfred Fereiro

502 Seminar

will speak on

“In Situ, Real-Time Identification of Biological Tissues by Ultraviolet and Infrared Laser Desorption Ionization Mass Spectrometry”

**Friday, May 13, 2011
4:00 p.m. in CAB 235**

EMPLOYMENT OPPORTUNITIES

Toronto Research Chemicals Inc., has 5-10 positions immediately available for Synthetic Organic Chemists. Our company is a manufacturer of complex organic chemicals for use in biomedical research. The successful candidates will be responsible for performing complex organic syntheses. Positions require either a M.Sc. or a Ph.D in synthetic organic chemistry. Organizational and Communication skills are required.

This position is directed to Canadian citizens, permanent residents of Canada and US citizens eligible for a TN visa under the North American Free Trade Act (NAFTA). Those who do not meet these criteria need not apply. Positions are located in North York, Ontario. SALARY: 45,000-65,000 (CDN), based upon experience.

Fax, e mail (torresch@interlog.com) or send resume to:

Mr. Charles Dime
Toronto Research Chemicals Inc.,
2 Brisbane Rd., North York, Ontario, M3J 2J8
Fax: 416-665-4439 Email: torresch@interlog.com

EMPLOYMENT OPPORTUNITIES, *continued*

Tenure-Track Faculty Position

SPECTROSCOPY OF MATERIALS

Faculty of Science and Engineering, Department of Chemistry

The Department of Chemistry of Université Laval invites applications for a tenure-track faculty position in the field of Materials Spectroscopy. Applicants must have a Ph.D. degree and postdoctoral experience. Appointment will be made at the Assistant Professor level. The successful candidate is expected to teach, in French, at both the undergraduate and graduate levels, and to develop an outstanding research program related to the spectroscopy of materials, preferably of nanomaterials. Université Laval is one of Canada's leading research universities with an enrollment of over 35,000 students.

Candidates should submit a curriculum vitae, a research proposal and the names and addresses of three references to :

Professor Normand Voyer
Search Committee
Department of Chemistry
Pavillon Alexandre-Yachon
Université Laval, Quebec City (Quebec) G1V 0A6

The review of applications will begin June 1st, 2011 and continue until the position is filled. The expected starting date is September 1st, 2011.

OTHER OPPORTUNITIES

Hello,

My name is Duncan Raymond and I'm a graduate student in the Faculty of Physical Education. I'm looking to recruit subjects for a research study in the field of cardiovascular exercise physiology.

Our study is investigating the effect of fitness on the cardiovascular and sympathetic nervous system response to exercise and sympathetic stress.

We are looking for males aged 18-30 years, non-smoker, non-obese with no diagnosed respiratory, cardiovascular, metabolic, neurological or musculoskeletal disease. Any level of fitness is welcome and encouraged to participate, regardless of how physically active you are.

The study consists of 4 separate days of testing, lasting usually 1-1.5 hours per session. Subjects would learn their level of aerobic fitness through a VO₂max test, as well as learn about their cardiovascular and sympathetic response to stress. For a letter of information describing the study in more detail or if interested, please contact Duncan Raymond at draymond@ualberta.ca.

OTHER OPPORTUNITIES, *continued*

PDF Research Day

On May 11 (1:00 – 5:00pm) the Postdoctoral Fellows Association and Postdoctoral Fellows Office are hosting a PDF Research Day at the TIMM's Centre (112th Street and 87th Avenue). Come join us as VP Research, Dr. Lorne Babiuk kicks off an afternoon of speed talks and poster presentations from postdoctoral fellows representing departments across the University of Alberta.

For competing PDFs there will be fantastic **PRIZES** (Grand prize - Earl's tasting dinner for 8, a \$300 value + \$300 cash awarded for the best over-all, and for both poster presentations and speed talks: first - \$300, second - \$200, and third - \$100). For those not presenting there will be refreshments and light snacks provided and some excellent door prizes from Edmonton businesses.

If you are a member of the campus community and would like to attend this event, or participate as a judge, please email Cathy Cullingham (cathy.cullingham@ualberta.ca).

This event is partially sponsored by the University Hospital Foundation, the Faculty of Medicine and Dentistry, and the Faculty of Science.

We hope to see you there!

The PDFA

The 46th Annual Western Canada Trace Organic Workshop is being held in Edmonton from May 9 to May 11 (<http://www.traceorganic.com/>). The organizing committee is offering the opportunity for graduate students to attend the workshop. The WCTOW group (which is non-profit) has maintained a small reserve fund over the years which can be used to sponsor graduate students interested in attending the workshop. We would like to extend this offer to any graduate students in your respective groups who may be interested in attending the workshop.

The workshop deals with trace organic analysis with presentations made by scientists in various fields (environment, food safety, pharmaceuticals). The conference is attended by federal and provincial government agencies and presents an excellent opportunity to network in an informal setting.

If any graduate students are interested in attending the workshop (whether for the full program or just one day), please have them complete the following registration form and submit it to Diana Chau (contact information on attachment). Graduate students are also welcome to attend social activities (Sunday night mixer and Tuesday evening dinner at the Telus World of Science). The WCTOW group will cover the cost of the registration fee but cannot cover costs related to transportation to/from the workshop. Thank you.

Tom Thompson, Residue Chemist
Alberta Agriculture and Rural Development; Food Safety and Animal Health Division
Agri-Food Laboratories Branch
6909 - 116th Street
Edmonton, Alberta Canada T6H 4P2
Tel.: (780) 415-4530 Fax: (780) 415-4527 E-mail: tom.thompson@gov.ab.ca

46th Annual
Western Canada Trace Organic Workshop
May 9 – 11, 2011

2011 REGISTRATION FORM

Please return by April 29, 2011, by mail, fax or email to Diana Chau

Name: _____

Organization _____

Address _____

Phone/Fax _____

E-mail _____

- I am planning to attend the workshop yes
 no
- I am planning to attend the pre-registration/mixer May 8th yes
 no
- I am planning to attend the social evening on May 10th yes
 no
- I will not be attending but keep me on the mail list yes
 no
- I am uncertain if I will be able to attend the workshop, keep me on the mailing list yes
 no

I am interested in making an oral presentation yes no

Title: _____

I am interested in making a poster presentation yes no

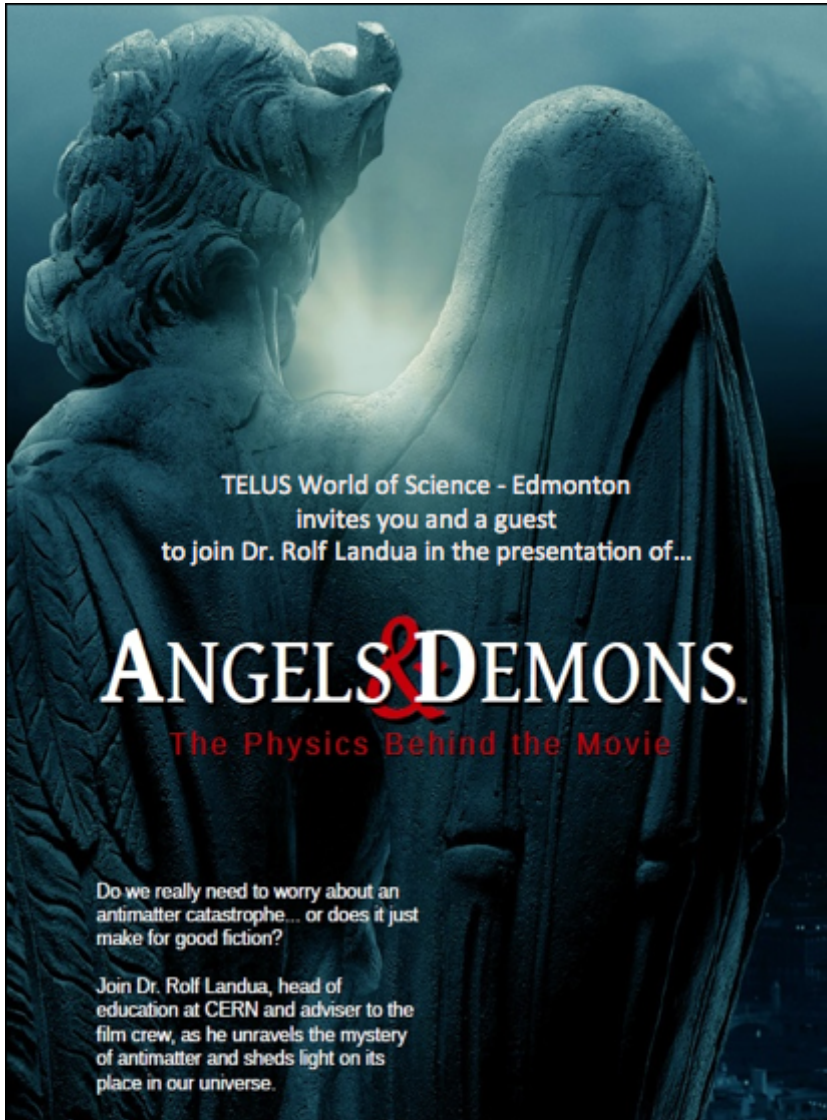
Title: _____

Please make cheques payable to: **Western Canada Trace Organics Workshop**

Mail, email or fax to: Western Canada Trace Organics Workshop
c/o Diana Chau
Environment Canada
5320 – 122 street
Edmonton, AB T6H 3S5.

Phone: 780-435-7343 Fax: 780-435-7268
Email: diana.chau@ec.gc.ca

OTHER OPPORTUNITIES, *continued*



TELUS World of Science - Edmonton
invites you and a guest
to join Dr. Rolf Landua in the presentation of...

ANGELS & DEMONS.

The Physics Behind the Movie


Do we really need to worry about an antimatter catastrophe... or does it just make for good fiction?

Join Dr. Rolf Landua, head of education at CERN and adviser to the film crew, as he unravels the mystery of antimatter and sheds light on its place in our universe.

Seating is limited... RSVP to save your spot at this once-in-a-lifetime event!

VIP Reception
Monday, May 16th 2011
Doors open at 5:30 p.m. Presentation at 6:00 p.m.
Live Music and Refreshments to follow.
TELUS World of Science Edmonton
11211 142 Street

RSVP 780.451.3344 – No Cost
info@telusworldofscienceedmonton.com



Hi everyone, here is an invite for anyone (students, general public, etc.) to attend a very special presentation by Dr. Rolf Landua (Head of Education at CERN) It is a free presentation but individuals will need to RSVP for the event (see poster) so that we do not over sell it.

There is also a public presentation at the U. of A. on Tuesday, May 17, at 6:00 p.m. in North Campus: Centennial Centre for Interdisciplinary Science (phase 2) CCIS 1-430.

--Frank Florian, Science Director, TELUS World of Science - Edmonton

OTHER OPPORTUNITIES, *continued*

Call for Exhibits/Volunteers for Science Rendezvous Edmonton 2011 is the International Year of Chemistry. The Chemical Institute of Canada and TELUS World of Science would like to establish **Science Rendezvous Edmonton 2011** as the inaugural one-day festival style celebration of chemistry and science at TELUS World of Science (TWOS) for all the public. **Science Rendezvous Edmonton 2011** runs from 10:00 a.m. to 4:00 p.m. on Saturday May 7. Consider exhibiting and help the public celebrate Science with us!

Who are you (in groups of 1-6 ...ideally 4)?

You are a group of people who might have: a few good hands on kitchen/household science or chemistry experiments/demonstrations that you'd like to show to folks of all ages.

You might be a college or university professor/ teacher/researcher/graduate student doing, or directing, research/work of import that you wish to show the general public.

You could be someone who will dress up and take on the persona of, a famous scientist (Einstein, Newton, Curie, Rutherford, Dalton, Priestly, Lavoisier, etc) for the day at TWOS.

You could be a drama student, or drama group, willing to perform a short scene/excerpt from a play featuring a scientist or scientists (Hoffman and Djerasi's *Oxygen*, Capek's *R.U.R.*, Brecht's *Galileo*, Durenmatt's *The Physicists*, Kipphardt's *In the Matter of J. Robert Oppenheimer*, Stoppard's *Arcadia*, Andreyev's *To the Stars*, Maxim Gorky's *Children of the Sun*, and countless other suitable plays) – potentially in the foyer of TWOS.

A group of high school students, with their teacher willing, to demonstrate some research they've done or with exciting chemistry demonstrations to share.

A group of high school teachers demonstrating some exciting chemistry demonstrations they'd like to share.

A chemistry winner/finalist of the Regional Science fair contest.

An Association of local professionals (forensic scientists, fireman, EMTs, etc) who have a science demonstration the public just has to see.

Other relevant interested science group or company (...selling science not your services)

How long do you have to exhibit?

In shifts your group will man a table continuously from 10:00 am to 4:00 p.m. on May 7th, 2011. The precise location of your (8×4) table in TWOS will be determined at a later date.

What does each group member get for your volunteer labour?

The undying thanks of the organizing committee and a CIC Edmonton Volunteer T-shirt.

How do you apply to participate in Science Rendezvous Edmonton 2011?

You must email the following information to Ian Phillips (ian.phillips@epsb.ca)

Your Name: _____

Your Address: _____

Your Group's name: _____

Your Organization's name: _____

Your Group Members' names: _____

Your Activity: (Describe your exhibit in no more than 100 words)

--

OTHER OPPORTUNITIES, *continued*

here are currently only 30 spots available. Depending on the numbers and variety of entries for Science Rendezvous Edmonton 2011, there is no guarantee that your proposal will be accepted. Informal auditions at a yet to be chosen location (TBA) may be necessary to arrive at the final roster of participants. A call for volunteers is under consideration as of this writing.

Do not hesitate to telephone me at 780-448-5000 to talk to me in person if you need some clarification.

I look forward to working with you in Science Rendezvous Edmonton 2011,
Dr. Ian G. Phillips (Teacher Ross Sheppard High school).