

Department of Psychiatry's Communications Bulletin – **December 16, 2008**

Today's issue includes the following items:

1. [The Gairdner Foundation: Canada Gairdner Global Health Award](#) – **deadline: DEC. 31**
2. [January 2008 CIHR Grant Sessions – Hosted by HeRRO & the Faculty of Medicine](#) – **JAN. 7-21, 2009**
3. [Canadian Women's Foundation \(CWF\): 2009 Annual Violence Prevention Grants](#) – **deadline: FEB. 13, 2009** (attachment)
4. [Canadian Breast Cancer Foundation: 2009 BC/Yukon Region Annual Breast Cancer Research Grant Competition](#) – **deadline: FEB. 27, 2009**
5. [Natural Sciences and Engineering Research Council of Canada \(NSERC\) - John C. Polanyi Award](#) – **deadline: MAR. 2, 2009** (attachment)
6. [Ochsner Clinic Foundation - The Alton Ochsner Award Relating Smoking and Health](#) – **deadline: MAR. 31, 2009** (attachment)
7. [BCNET - 2009 Green Technologies for Research and Learning Conference](#) – **APR. 28 & 29, 2009**
8. [Message from VP Research Office - Memo: Infrastructure Issues To Consider When Acquiring Or Relocating Research Equipment](#) (attachment)
9. [Cisco Service Interruptions](#) – **DEC. 22-27**
10. [IT - File Storage Space on SAN](#)

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## 1. THE GAIRDNER FOUNDATION

### Canada Gairdner Global Health Award

**Nomination Deadline: December 31, 2008**

The Gairdner Foundation announced a new award called Canada Gairdner Global Health Award which is directed at health issues pertaining to developing countries. It recognizes those who have made major scientific advances in any one of four areas; basic science, clinical science, population, or environmental health. These advances must have, or have potential, to make a significant impact on health outcomes in the developing world.

Leadership and administration do not fall within the parameters of this award. The award consists of \$100,000, a framed certificate with appropriate citation, and a specially designed sculpture. The *original* deadline of November 1, 2008 has been *extended to December 31, 2008*.

Details at <http://www.gairdner.org/awards/nominati/globalheal>

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## **2. JANUARY 2009 CIHR GRANT SESSIONS**

**Hosted by HeRRO and the Faculty of Medicine**

**Sessions: Jan 7-21, 2009**

The grant sessions will be **open to all UBC researchers preparing a March 2009 Operating Grant submission to CIHR** and will be an interactive, small-group format with a maximum of six participants and two experts per group. Participants will be requested to submit their 1-page research summaries one week prior to their session so that they can be circulated to the experts in advance.

Participants will need to select one of seven discussion groups in which to participate, based on their availability, and the CIHR Theme and/or Peer Review Committee (PRC) that best matches the topic of their Operating Grant. Interested researchers are asked to visit the VP Research website (<http://www.research.ubc.ca/EventView.aspx?eventID=214>) for more information and to register.

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## **3. CANADIAN WOMEN'S FOUNDATION (CWF) (see attached)**

**2009 - Annual Violence Prevention Grants**

**Application Deadline: February 13, 2009**

Approximately 50 grants of up to \$25,000 will be allocated. Priority will be given in these grants to work with women, children and teens facing multiple challenges.

CWF funds innovative, effective programs that work to develop skills that will lead to behaviour change aimed at preventing violence against women. We look for programs that validate a women's desire to rebuild her life and her family, establishing physical, emotional and financial security and creating a durable support network. In addition, teen-focused programs that offer healthy relationship training with gender awareness are of particular interest in order to respond to increasing levels of "high-risk" activity in the

middle school years, and to address early sexual activity, substance use, violence between peers, and other risk behaviours.

For more information please see attached and / or visit their website:

[http://www.canadianwomen.org/EN/section07/2\\_7\\_3-Apply\\_for\\_VP\\_Grant.html](http://www.canadianwomen.org/EN/section07/2_7_3-Apply_for_VP_Grant.html)

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#### **4. CANADIAN BREAST CANCER FOUNDATION**

##### **2009 BC/Yukon Region Annual Breast Cancer Research Grant Competition**

**Application Deadline: February 27, 2009**

Researchers in British Columbia and the Yukon are invited to apply for up to \$250,000 in funding per project to study breast health and breast cancer.

A total of \$ 1 Million in funding is available through the Canadian Breast Cancer BC/Yukon Region Annual Research Grant Program. The program provides "seed" funding to initiate new projects in the breast cancer in the province. Grants may be awarded for individual projects of up to two years in duration.

Investigators from all research disciplines are encouraged to apply.

Visit our website at [www.cbcbfbc.org](http://www.cbcbfbc.org) to download the guidelines, and to submit an application

For more information contact Haifa Staiti, Manager of Grant Allocations, at 604-683-2873 or [hstaiti@cbcf.org](mailto:hstaiti@cbcf.org).

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#### **5. NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA (NSERC) (see attached)**

##### **John C. Polanyi Award – Call for Nominations**

**Nomination Deadline: March 2, 2009**

##### About the Award:

In tribute to the excellence in research that Dr. John C. Polanyi continues to exemplify, NSERC is proud to offer a prestigious research prize in his name. Although Dr. Polanyi's most significant research accomplishments have been in chemistry, the NSERC John C. Polanyi Award recognizes a recent outstanding advance in any field of the natural sciences or engineering.

The NSERC John C. Polanyi Award is given to an individual or a team whose research, conducted in Canada, has led to a recent outstanding advance in an NSERC-supported field of the natural sciences or engineering. The research leading to the advance must have been funded at least partially by an NSERC grant.

Rewarding excellence with a \$250,000 research grant:

As part of the award, the winning individual or team will receive a research grant of \$250,000.

Further Information:

Please [click here](#) for further information on the nomination process and eligibility requirements.

For specific inquiries please contact 613.995.5829 or email [polanyi@nserc-crsng.gc.ca](mailto:polanyi@nserc-crsng.gc.ca)

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## **6. OCHSNER CLINIC FOUNDATION (see attached)**

### **The Alton Ochsner Award Relating Smoking and Health**

**Nomination Deadline: March 31, 2009**

An annual award of \$15,000 will be presented to one to three clinical and / or basic science investigators, without regard to age, race, gender, or nationality for outstanding and exemplary original scientific investigations that relate tobacco consumption with disease. This scientific work may be clinical, fundamental, epidemiological or prevention in scope. The prime criterion for award selection is its scientific context and impact on this major health threat.

For more details please see attached PDF.

Website:

<http://academics.ochsner.org/ResearchContent.aspx?id=8500&terms=alton+award>

(some links on this page currently not working. Please refer to attachment for more information)

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## **7. BCNET**

### **2009 Green Technologies for Research and Learning Conference**

**Conference Dates: April 28 & 29, 2009**

Location: SFU Harbour Centre, Vancouver, BC

[Register](#) before February 16, 2009 to save 20% and receive a chance to win an 8G iPod Touch.

How can you use IT and advanced networks to reduce your carbon footprint?

[BCNET](#) invites you to find out during the [2009 Green Technologies for Research and Learning Conference](#). Through a series of interactive workshops, panel discussions and hands-on sessions, BCNET will explore ways to efficiently use information technology and research networks to reduce carbon emissions and improve energy use.

Why should you attend?

- Discover ways to improve existing energy technologies
- Learn how green technologies can help reduce carbon impact
- Connect with like-minded academics, industry, government and high-tech leaders
- Take part in interactive workshops, open panels and engage in thought-provoking discussions
- Visit the high-tech trade show
- Watch student finalist presentations for the [BCNET Broadband Innovation Challenge](#)
- Participate in [poster sessions](#) and showcase your research to peers

For more details please visit their website: <http://www.bc.net/2009-conference/overview.html>

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**8. MESSAGE FROM VP RESEARCH OFFICE (see attached)**

**Memo: Infrastructure issues to consider when acquiring or relocating research equipment**

Please see attached word document – “Research Equipment Acquisition or Relocation – Issues to Consider”

This memo is forwarded from the VP Research office and is from John Metras, Director, UBC Plant Operations, and Suzanne Poohkay, Director, Facilities & Capital Planning. It outlines key infrastructure issues that researchers and department administrators should

take into account when purchasing or relocating research equipment and computer server equipment.

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## **9. CISCO SERVICE INTERRUPTIONS – DEC 22-27**

UBC IT has a project underway to upgrade the Cisco network that supports the VoIP phone services. This work is being conducted in a way that will minimize the impact on customers and services dependant on the Cisco system. There will however be unavoidable service interruptions occurring on the following dates with the following effects:

From **December 22 to December 24** we will be unable to process moves/adds/or changes to Cisco phone services. Phone service will remain available. Callers will experience no interruptions.

On **Saturday December 27**, there will be a service outage between **12:00 to 14:00**. During the balance of the day, there may be intermittent service interruptions. Callers attempting to reach numbers on the Cisco phones will possibly experience a fast busy signal.

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## **10. IT – FILE STORAGE SPACE ON SAN**

Most Departmental computer users in Detwiller, Koerner, Purdy, Strangway and Diamond Buildings have access to P: and U: drives ("Division" & "User" for Macintosh computer users), from their office computers. These drives are now on the UBC Storage Area Network (SAN) which we access via a Faculty of Medicine virtual server. Department general operating funds pay for the connection, some shared file storage space, administration of this system, back-ups, etc.

The Department had purchased 400Gb of file storage space (equivalent to what we had been providing on our own hardware previously) when we moved onto the SAN in September 2008. Recently, the remaining storage capacity was at less than 5% free space. The file storage space has a very "hard" limit, so running out of space would have immediate consequences for all users such as being unable to save or modify any files. I'm happy to announce that the Department's administration has approved an increase of 100Gb to 500Gb. As of today, this additional space is available, however the same divisional and user quotas are still in effect. I will be reviewing how the recent change in divisions and programs may affect the quotas and space allocations, during the next few weeks.

Programs can purchase additional storage space, above and beyond what is provided by Departmental general operating funds, for \$10/Gb per year. Please contact me if you are interested.

For those interested, the technical details;

The SAN is housed on a RAID drive array, which makes it very tolerant of hard drive failures. If a hard drive fails, we may not even notice the slow-down, while our files are recomposed from parity data, onto another hard drive.

The SAN space is backed up in the following pattern;

- Daily snapshots, for 10 days (Mon-Fri)
- Snapshots are then kept every two weeks for a year, or until they take up more than 10% over of our purchased SAN space.
- In addition to all of this, we also maintain an in house permanent archive, twice a year. We have archives dating back to 1999, stored in our safe.

The space is divided, in the following manner, using quota limiting software:

- 18% of available SAN space. 600Mb for each active D\_Psychiatry account (U: drive)
- 80% of available SAN space. We sum each divisions active D\_Psychiatry computers and active D\_Psychiatry accounts. This is then used to divide up the P: drive space.

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Canadian  
Women's Foundation  
Fondation  
canadienne des femmes

December 2008

**ANNOUNCING - ANNUAL VIOLENCE PREVENTION GRANTS 2009  
REQUEST FOR PROPOSALS**

Dear Friends,

We are pleased to inform you that Canadian Women's Foundation (CWF) is now accepting proposals for **Annual Violence Prevention Grants for 2009**.

CWF is Canada's only national public foundation dedicated to improving the lives of women and girls. We fund women's organizations across Canada that are using the most effective approaches to ending violence against women, moving women out of poverty, and building strong, resilient girls. We give particular priority to funding work with women, children and girls who face multiple challenges.

The goals of the Annual Violence Prevention Grants are

- 1) To prevent violence against women and girls through work involving girls, or teens – such as **healthy relationship programs, leadership development and outreach**
- 2) To support women's organizations and programs in Canada that help women and children rebuild their lives after the crisis of experiencing violence – such as **child witness programs, second stage housing, and loan funds**

Under this initiative, we expect to fund approximately 50 grants up to a maximum of \$25,000. If your organization and work fits the selection criteria, you may apply for additional funding of up to \$3,000 to assist with access costs. The **proposal guidelines are now available online at [www.canadianwomen.org](http://www.canadianwomen.org)** – click on 'Apply for a Grant' and then 'How to Apply'. Please download the proposal questions and the accompanying guidelines. **The submission deadline is February 13, 2009**. Proposals postmarked after this date will not be considered.

These grants are made possible by generous support from the following funds at CWF:

- o The Body Shop STOP Violence in the Home Fund
- o The Hbc Foundation Fund
- o The Royal LePage Shelter Foundation Fund
- o The Scotiabank Fund
- o Shelter from the Storm campaign supported by Winners and HomeSense, Rogers Media Group and BMO Financial Group
- o The Social Justice Fund at Tides Canada Foundation
- o The CWF Violence Prevention Fund - supported by individual donors, the Aimee Quitevis Memorial Fund, the Tony McNaughton Memorial Fund, the Joan and Clifford Hatch Foundation, the RBC Foundation and other businesses and organizations.

If you have any questions, please contact Anuradha Dugal, Violence Prevention Programs Director at 416-365-1444 ext 228, or on CWF's toll free number 1-866-293-4483 ext 228.

Thank you for your continued work on behalf of women, children and teens in Canada.

Maureen Adams  
Vice President, Grants and Community Initiatives





Canadian  
Women's Foundation  
Fondation  
canadienne des femmes

Décembre 2008

## **SUBVENTIONS À LA PRÉVENTION DE LA VIOLENCE**

Chères amies,

La Fondation canadienne des femmes (FCF) a le plaisir de vous informer qu'elle accepte présentement des demandes de subventions annuelles à la prévention de la violence pour 2009.

La FCF est la seule fondation publique au Canada ayant pour objectif d'améliorer la vie des femmes et des filles. Nous subventionnons des groupes de femmes partout au Canada qui font appel aux approches les plus efficaces dans le but de mettre fin à la violence faite aux femmes, d'aider les femmes à sortir de la pauvreté et d'accroître la résilience et la force des filles. Nous accordons la priorité aux programmes destinés aux femmes et aux filles qui sont aux prises avec des difficultés multiples.

Les objectifs de ces subventions annuelles à la prévention de la violence sont les suivants :

- 1) Prévenir la violence faite aux femmes en travaillant avec des jeunes filles ou des adolescent(e)s : programmes qui mettent l'accent sur la **création des relations saines, le développement du leadership ou l'éducation public** .
- 2) Aider les femmes et leurs enfants à rebâtir leur vie après avoir connu la violence : programmes destinés aux **enfants témoins de la violence conjugale** ou **l'hébergement de deuxième étape**.

Dans le cadre de cette initiative, nous prévoyons verser jusqu'à cinquante subventions qui pourront atteindre 25 000 \$. Si votre travail répond aux critères, votre organisme peut bénéficier d'une somme additionnelle de 3 000\$ pour favoriser un meilleur accès aux services. La demande de subvention est maintenant disponible en ligne à [www.canadianwomen.org](http://www.canadianwomen.org) – cliquez sur « Pour faire une demande de subvention », puis sur « Comment faire une demande ». Veuillez télécharger les directives ainsi que la demande. La date limite de remise de la demande est le vendredi 13 février 2009. Veuillez noter qu'aucune demande dont le cachet de la poste indique une date ultérieure ne sera acceptée.

Ces subventions sont rendues possibles grâce au soutien des donateurs et des partenaires suivants :

- o Le Fonds de Body Shop « Mettons FIN à la violence à la maison »
- o La Fondation Hbc
- o La Fondation « Un Toit pour tous Royal LePage »
- o Le Fonds de la Banque Scotia
- o La Campagne « À l'abri de la tempête » – soutenue par Winners et HomeSense, Rogers Media Group et BMO Groupe financier
- o Le Fonds de la justice sociale à Tides Canada Foundation
- o Le Fonds de prévention de la violence de la FCF – soutenu par des donateurs et donatrices individuelles, le Aimee Quitevis Memorial Fund, le Tony McNaughton Memorial Fund, la fondation Joan and Clifford Hatch, RBC Financial ainsi que d'autres entreprises et organisations.

Si vous avez des questions à propos de la demande, veuillez communiquer avec Anuradha Dugal, au 416 365-1444, poste 228, ou au 1 866 293-4483, poste 228, ou encore à [adugal@canadianwomen.org](mailto:adugal@canadianwomen.org)

Merci du travail soutenu que vous accomplissez pour le bien-être des femmes au Canada.

Maureen Adams  
Vice-présidente, subventions et initiatives communautaires

DECEMBER 2008

# Call for Nominations The NSERC John C. Polanyi Award

## An Invitation

NSERC would like to invite you to nominate a candidate for its **NSERC John C. Polanyi Award**. Introduced in 2005, this award pays tribute to the extraordinary research accomplishments and the pursuit of excellence exemplified by Dr. John C. Polanyi. It recognizes and supports a university researcher, or team of researchers, whose work has led to a recent outstanding Canadian advance in any field of the natural sciences or engineering.

The deadline for nominations is **March 2, 2009**.

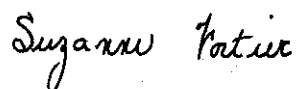
Researchers in Canadian universities and in government or corporate research laboratories are eligible to be nominated for this award, which celebrates Canada's most recent outstanding advances and raises public awareness of the major developments that Canadian researchers make to science and engineering and to Canada's quality of life.

The winning individual or team will receive a **research grant of \$250,000**.

Please see the enclosed brochure for details. For more information and instructions on how to prepare a nomination, visit [www.nserc-crsng.gc.ca/en/polanyi](http://www.nserc-crsng.gc.ca/en/polanyi). For specific inquiries, contact at 613-995-5829 or [polanyi@nserc-crsng.gc.ca](mailto:polanyi@nserc-crsng.gc.ca).

We look forward to receiving a nomination from your institution.

Sincerely,



**SUZANNE FORTIER**  
PRESIDENT, NSERC



## The Alton Ochsner Award Relating Smoking and Health

### SELECTION COMMITTEE:

**Robert W. Anderson, M.D.**

The David C. Sabiston, Jr. Professor  
and Chairman Emeritus  
Duke University Medical Center  
Durham, North Carolina

**Aram V. Chobanian, M.D.**

President Emeritus Boston University  
Dean Emeritus, School of Medicine  
John I. Sandson Distinguished Professor  
of Health Sciences  
Boston Massachusetts

**Edward D. Frohlich, M.D.**

Alton Ochsner Distinguished Scientist  
Ochsner Clinic Foundation  
New Orleans, Louisiana

**William B. Kannel, M.D., FACC**

Senior Investigator Framingham Study  
Boston University School of Medicine  
Framingham, Massachusetts

**William W. Pinsky, M.D.**

Executive Vice President for  
System Medical Affairs  
Chief Academic Officer  
Ochsner Clinic Foundation  
New Orleans, Louisiana

**Richard N. Ré, M.D.**

Scientific Director  
Ochsner Clinic Foundation  
New Orleans, Louisiana

**Frank A. Riddick, Jr., M.D.**

Chief Executive Officer Emeritus  
Ochsner Clinic Foundation  
New Orleans, Louisiana

### ENDORSED BY:

The American College of Chest Physicians

Past winners of Alton Ochsner Award  
Relating Smoking and Health:  
(See reverse side)

Ochsner Clinic Foundation  
1514 Jefferson Highway  
New Orleans, Louisiana 70121  
Telephone: (504) 842-3700  
Fax: (504) 842-3258

November 28, 2008

Richard Finley, M.D.  
University of British Columbia  
Department of Surgery  
2194 Health Sciences Mall  
Room 323 - I.R.C. Bldg  
Vancouver British Co V6T 1Z3  
CANADA

Dear Dr Finley,

Nominations are now being accepted for the 24<sup>th</sup> Annual Alton Ochsner Award Relating Smoking and Disease. For complete details explaining how to submit nominations, see the enclosed purpose letter. The Award is named for Doctor Alton Ochsner, the founder of our institution, who was the first to associate smoking with lung cancer. We are deeply gratified that his prize has continued to generate attention over the years. We hope that this scholarly activity will remain of strong interest in its goal to conquer the devastating health problems that continue to be related to needless tobacco consumption.

We welcome all nominees. If you have any candidate(s) who you think should be honored for their outstanding scientific achievements relating the role of tobacco consumption to the pathogenesis of disease, we invite your submission. Nominations must be postmarked no later than March 31, 2009, following the guidelines as set forth in the accompanying announcement. Previous recipients of the Alton Ochsner Award are listed on the reverse side of this letter.

Sincerely,

A handwritten signature in black ink that reads "Edward D. Frohlich".

Edward D. Frohlich, MD

EDF/llb  
Attachment

## ALTON OCHSNER AWARD WINNERS:

<p><b>1986</b> Oscar Auerbach, M.D.</p> <p><b>1987</b> Aaron Janoff, M.D.</p> <p><b>1988</b> E. L. Wynder, M.D. Sir Richard Doll, M.D. A. Bradford Hill, Ph.D.</p> <p><b>1989</b> Frank Speizer, M.D.</p> <p><b>1990</b> Gordon L. Snider, M.D. Ronald G. Crystal, M.D.</p> <p><b>1991</b> Jack Strong, M.D.</p> <p><b>1992</b> Murray E. Jarvik, M.D., Ph.D. Theodore A. Slotkin, Ph.D.</p> <p><b>1993</b> Curtis C. Harris, M.D. Michael E. DeBakey, M.D.*</p> <p><b>1994</b> Hildegard Schüller, D.V.M., Ph.D.</p> <p><b>1995</b> Robert M. Senior, M.D.</p> <p><b>1996</b> Neal L. Benowitz, M.D. Jack E. Henningfield, Ph.D. Professor Michael Russell Stanton A. Glantz, Ph.D.*</p> <p><b>1997</b> James C. Hogg, M.D. The Honorable Mike Moore* Lonnie R. Bristow, M.D. *</p>	<p><b>1998</b> David Sidransky, M.D.</p> <p><b>1999</b> John E. Repine, M.D.</p> <p><b>2000</b> Jill M. Siegfried, Ph.D.</p> <p><b>2001</b> Dietrich Hoffmann, Ph.D. Stephen S. Hecht, Ph.D.</p> <p><b>2002</b> David M. Burns, M.D. Joseph F. Fraumeni, M.D.</p> <p><b>2003</b> John R. Hughes, M.D.</p> <p><b>2004</b> John D. Minna, M.D. Phillip A. Dennis, M.D., Ph.D.</p> <p><b>2005</b> Steven D. Shapiro, M.D. Andrew M. Churg, M.D., Ph.D. Joanne L. Wright, M.D.</p> <p><b>2006</b> Ronald G. Harvey, Ph.D.</p> <p><b>2007</b> Caryn Lerman, Ph.D. Rachel Tyndale, Ph.D.</p> <p><b>2008</b> Elizabeth (Terry) Fontham, MPH, DrPH Jonathan M. Samet, M.D.</p>
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\*Special Award of Recognition



## The Alton Ochsner Award Relating Smoking and Health

### **Purpose:**

An annual award of \$15,000 will be presented to one to three clinical and/or basic science investigators, without regard to age, race, gender, or nationality for outstanding and exemplary original scientific investigations that relate tobacco consumption with disease. This scientific work may be clinical, fundamental, epidemiological or prevention in scope. The prime criterion for award selection is its scientific context and impact on this major health threat. All nominations, whatever the category of scientific inquiry, must be supported by letters and copies of peer-reviewed scientific publications as detailed below.

### **Institutional Sponsor:**

Ochsner Clinic Foundation

### **Nominations:**

Nominations must be made by a letter that describes in detail, but concisely, the scientific work and major contributions of the investigator to the field. Self-nominations are excluded. All nominations must be supported by: (1) the candidate's curriculum vitae and bibliography; (2) at least two additional letters by scientific peers from outside the candidate's institution; and (3) reprints of at least three pertinent major scientific contributions. **Seven** copies of all material must be submitted, and no individual will be considered unless all supporting documentation is complete. We will be pleased to review any other supporting documents and letters providing **seven** copies are also submitted. Nominees not receiving the Award will be considered for two additional years, but additional supporting letters and updated materials are strongly recommended.

**Deadline for Nominations:** Nominations must be postmarked no later than March 31, 2009.

**Endorsed by:** The American College of Chest Physicians

### **Presentation of Award:**

The Award will be presented in person, November 1, 2009, at the Annual convocation of the American College of Chest Physicians to be held in San Diego, CA.

**Mail nominations to:** Edward D. Frohlich, MD  
Alton Ochsner Distinguished Scientist  
Ochsner Clinic Foundation  
1514 Jefferson Highway  
New Orleans, Louisiana 70121

## ALTON OCHSNER AWARD WINNERS:

<b>1986</b>	Oscar Auerbach, M.D.	<b>1998</b>	David Sidransky, M.D.
<b>1987</b>	Aaron Janoff, M.D.	<b>1999</b>	John E. Repine, M.D.
<b>1988</b>	E. L. Wynder, M.D. Sir Richard Doll, M.D. A. Bradford Hill, Ph.D.	<b>2000</b>	Jill M. Siegfried, Ph.D.
<b>1989</b>	Frank Speizer, M.D.	<b>2001</b>	Dietrich Hoffmann, Ph.D. Stephen S. Hecht, Ph.D.
<b>1990</b>	Gordon L. Snider, M.D. Ronald G. Crystal, M.D.	<b>2002</b>	<del>David M. Burns, M.D.</del> Joseph F. Fraumeni, M.D.
<b>1991</b>	Jack Strong, M.D.	<b>2003</b>	John R. Hughes, M.D.
<b>1992</b>	Murray E. Jarvik, M.D., Ph.D. Theodore A. Slotkin, Ph.D.	<b>2004</b>	John D. Minna, M.D. Phillip A. Dennis, M.D., Ph.D.
<b>1993</b>	Curtis C. Harris, M.D. Michael E. DeBakey, M.D.*	<b>2005</b>	Steven D. Shapiro, M.D. Andrew M. Churg, M.D., Ph.D. Joanne L. Wright, M.D.
<b>1994</b>	Hildegard Schüller, D.V.M., Ph.D.	<b>2006</b>	Ronald G. Harvey, Ph.D.
<b>1995</b>	Robert M. Senior, M.D.	<b>2007</b>	Caryn Lerman, Ph.D. Rachel Tyndale, Ph.D.
<b>1996</b>	Neal L. Benowitz, M.D. Jack E. Henningfield, Ph.D. Professor Michael Russell Stanton A. Glantz, Ph.D.*	<b>2008</b>	Elizabeth (Terry) Fontham, MPH, DrPH Jonathan M. Samet, M.D.
<b>1997</b>	James C. Hogg, M.D. The Honorable Mike Moore* Lonnie R. Bristow, M.D. *		

\*Special Award of Recognition



# THE UNIVERSITY OF BRITISH COLUMBIA

Department of Plant Operations  
Office of the Director  
2329 West Mall  
Vancouver, B.C., V6T 1Z4  
Phone: (604) 822-2172  
Fax: (604) 822-0208

December 3, 2008

To: Don Brooks, Associate Vice President, Research  
Wes Pue, Associate Vice President, Academic Planning  
For wide distribution

From: John Metras, Director, Plant Operations  
Suzanne Poohkay, Director, Facilities & Capital Planning

Re: **Infrastructure issues to consider when acquiring or relocating research equipment**

The list below is a summary of infrastructure issues that we recommend researchers and department administrators take into account when purchasing or relocating research equipment and computer server equipment. We felt that this list, while it includes some fairly obvious points, would be useful as reference to help proactively identify building system modifications that may be required to accommodate new or relocated equipment. This should help to prevent last minute surprises and the associated frustration and delays caused when equipment cannot be accommodated within existing building infrastructure. The Plant Operations Technical Services group is available to provide guidance on any of these issues. Researchers and administrators can connect with Technical Services through their respective Plant Operations Facilities Manager.

- 1) Electrical requirements – Does the planned location for the equipment have electrical service at the required voltage and amperage? Does the existing building electrical system have sufficient capacity to handle the load of the new equipment? Does the equipment have proper electrical certification for use in Canada? This latter point is particularly important to consider given that specialized equipment is often imported from overseas manufacturers.
- 2) Back-up power needs – Is it critical that the equipment remain operational during a power outage? If back-up power is required, it is important to understand what emergency power systems exist within the building and whether spare capacity is available for connection of the new equipment.
- 3) Uninterruptible power needs – Is the equipment sensitive to power disruptions and voltage fluctuations? Some research equipment can be thrown out of calibration or damaged by power spikes, bumps and sags. If this is sensitive equipment an uninterruptible power supply (UPS) will be necessary.

- 4) Energy efficiency – We ask that energy (and water) efficiency be included as a criterion for selection of new equipment. This is not only good for the environment, it saves the University money which can be directed back into research and learning activities.
- 5) Architectural modifications – Will renovations to the space be necessary to accommodate the equipment? This may include custom millwork, enclosures, partitions, and/or code upgrades such as new exits or fire separations.
- 6) Structural requirements - How heavy is the equipment? It is important to determine whether the existing building structure can support the weight of the equipment. Some equipment is sensitive to vibration and must be placed on special isolators or located in basement areas to avoid structural vibrations.
- 7) Special environmental requirements – Does the equipment require stringent temperature, humidity, and air quality conditions? Is additional ventilation or cooling required to dissipate heat generated by the equipment? Is a fume hood or vent system required to remove noxious fumes? Is soundproofing required?
- 8) Water supply, sewage and drainage – Are plumbing connections required? Does incoming water need to be purified to a specific standard? Does wastewater need to be specially treated prior to rejection to sanitary sewer?
- 9) Size and access – Moving new equipment into place can be a challenge. A clear plan is needed for delivery of the equipment to the designated location. Can the equipment fit through building doorways, into the elevator, and into the final designated location? When the equipment is in its final position is there adequate perimeter space for maintenance access and air circulation?
- 10) Security requirements – Is special locking hardware, access control system or alarm system required to protect this equipment?
- 11) Space planning issues – Has the proposed space for the new equipment been approved by your Dean? Has the University space inventory been consulted to confirm that the proposed space is allocated to your department? Is the proposed space currently occupied? If so, will the current occupants require relocation?

If it is determined that building modifications are required to accommodate specific equipment, the UBC Project Services group is available to assess requirements, develop scope of work and cost estimate, and ultimately coordinate design and construction. Costs associated with modification work are the responsibility of the department. Funding for major installations may be available from the University through the Annual Capital Allowance (ACA). Requests for ACA funding would need to be coordinated through the respective Dean's Office.