

DEPARTMENT OF PSYCHIATRY's Communications Bulletin – May 12, 2009

Today's issue includes the following items:

1. **Tri-University Symposium** → **MAY 13** (attachment)
2. **Department of Psychiatry 24th Annual Research Day and Faculty Appreciation Dinner & Awards** → **JUN 04**
3. **Explaining the Benefits of Psychotherapy: The Therapeutic Factors** → **MAY 29**
4. **Regional Mental Health & Addiction Council (MHAC) Announcement** **MAY 06**
5. **[Call for Nominations] 2010 Millennium Technology Prize** → deadline: **OCT 01** (attachments)
6. **FoM Dean's Office**
7. **EQUATOR Network Workshop and 2nd Annual Lecture** → **SEP 09**
8. **MITACS Accelerate Internship Program** → deadline: **JUL 15**
9. **Shastri Indo-Canadian Institute Opportunities** → deadline: **JUN 30**
10. **Student Biotechnology Network Stemcell Career Connect** → deadline: **MAY 18**
11. **Vancouver Foundation: Granting Cycle Announcement** → deadline: **JUN 18**
12. **World Congress on Huntington's disease: Early Bird Registration** → deadline: **JUN 01**
13. **CIHR Announcements including upcoming sessions and workshops** → **MAY 26 & 28**

1. TRI-UNIVERSITY SYMPOSIUM (see attached)

May 13, 2009

UBC Department of Psychiatry will host a one day symposium at UBC to showcase research being done in the department and the international collaborate sites such as *Seoul National*

University in Korea, the Institute of Psychiatry in Sao Paulo, Brazil, and at the University of Porto Alegre in Brazil.

RSVPs are requested to enable the organizers to track numbers properly.

Please RSVP to

Loretta Musselwhite

Academic Secretary, Mood Disorders Centre
University of British Columbia and UBC Hospital
2255 Wesbrook Mall, Vancouver, BC, V6T 2A1
Tel: 604-822-7325, Fax: 604-822-7922
loretta.musselwhite@ubc.ca

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2. DEPARTMENT OF PSYCHIATRY, 24th RESEARCH DAY AND FACULTY APPRECIATION DINNER & AWARDS

June 4, 2009

The 24th Annual Department of Psychiatry Research Day will take place on June 4, 2009, at the Pan Pacific Hotel, Crystal Ballroom. Immediately following the presentations at Research Day, Faculty (Clinical & GFT), Residents and Research Day Presenters are all invited to attend the Faculty Appreciation Dinner & Awards function which will be held at the end of the day. At the function, a number of Post Graduate, Undergraduate and CME Awards as well as awards for best presentations at research day will be presented.

For more information including registration please see
<http://www.psychiatry.ubc.ca/Events/ResearchDay.htm>

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3. Explaining the Benefits of Psychotherapy: The Therapeutic Factors

Presenter:

Bruce E. Wampold, Ph.D.
Professor
Department of Psychiatry
University of Wisconsin

Candidate for the UBC Mental Health Institute's Endowed Chair in Psychotherapy

Date: Friday, May 29, 2009

Time: 12:00 – 1:00 p.m.

Place: Detwiller Pavilion, UBC Department of Psychiatry, Room 2NA/B

Lunch will be served

If you would like to meet with Dr. Wampold individually either before or after his talk please contact Clara Hungr at 827-4105 or clhungr@interchange.ubc.ca to arrange an appointment time.

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4. Regional Mental Health & Addiction Council (MHAC) Announcement

Date: May 6, 2009

From: Jeff Coleman

**Re: Mental Health & Addiction Council
 Appointment of Council Co-Chairs - Dr. Trevor Young and Pamela Miller**

I am pleased to advise that the VCH Senior Executive Team has approved the Terms of Reference for the Vancouver Coastal Regional Mental Health & Addiction Council. This council will consist of operational and medical leads from each of the VCHA HSDAs and entities as well as program leadership from the Complex Mental Health & Addiction Program, and leadership from the Department of Psychiatry.

In fact, the operational and medical leads have collaborated extensively in the past, but without any formal council recognition or mechanism to ensure region wide planning, collaboration, and implementation with accountability through the Senior Executive Team.

The initial membership of this committee is as follows:

Joanne Bezzubetz (Coastal), Dianne Doyle (PHC), Soma Ganesan (Vancouver Community/Acute), Heather Hay (VCH Regional) , Lorna Howes (Vancouver Community/Acute), Michael Krausz (VCH Regional), Pamela Miller (PHC), Richard Pico (PHC), Yasmin Jetha (Richmond), David Marsh (PHC/Vancouver Community), Lance Patrick (Coastal), Richard Pico (PHC), Elizabeth Stanger (VCH Regional)), Sheldon Zipursky (Richmond/Vancouver Community) and Trevor Young (Vancouver Acute)

Also, I am pleased to announce SET's appointment of Pamela Miller, Operations Director, PHC and Dr. Trevor Young, Head, Department of Psychiatry UBC as the initial co-chairs for this council.

Dianne Doyle is confirmed as the Executive Sponsor for this new council.

I know you will join me in welcoming Pamela and Trevor to their roles and to supporting them and the entire council membership in the important work that lies ahead in further development of mental health and addiction services for Vancouver Coastal.

Best regards,

JRC/kn

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5. 2010 Millennium Technology Prize (see attached)

The Millennium Technology Prize is awarded for a specific ***groundbreaking innovation in the field of technology***. **The winning innovation must be shown to promote people's quality of life and sustainable development both now and in the future.** The Prize is not intended for cumulative accomplishments over a lifetime career.

Significant factors in the evaluation process include the number of people affected by the innovation and the extent of the changes they may experience as a consequence.

Technologies that *have not yet been applied in practice are not eligible* for the award.

At the one million euro level, the Millennium Technology Prize ranks as one of the world's most prestigious awards, and is under the patronage of the President of Finland.

[Click here](#) for a list of previous awardees and their inventions.

Eligibility:

- Ø Any science and engineering academy, university, research institute, industrial enterprise or association may submit a nomination for the Millennium Technology Prize.
- Ø If the nominating organization considers more than one innovation to be worthy of the Millennium Technology Prize, more than one nomination may be submitted.
- Ø Self-nominations are not accepted.
- Ø The Prize can be awarded to a research and development team or to a single individual. It can also be shared between two or three individuals who are shown to have made a critical contribution of essentially equal merit to the success of the innovation.

Nominations:

- Ø All nomination material must be received by **October 1, 2009**.
- Ø [Click here](#) for nomination guidelines.
- Ø The Office of the Vice President Research requests to be advised of nominations that are being put forward, to do so, please contact:

Karissa Kozuback, Faculty Awards Coordinator
Office of the Vice President Research
OAB 224, 6328 Memorial Rd, Vancouver, BC V6T 1Z2
(t) 604.822.6010 (f) 604.822.6295
Email: yprawards@exchange.ubc.ca

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6. Faculty of Medicine: Dean's Office - CIHR Response to an Offer of Award Forms

For Faculty submitting the *CIHR Response to an Offer of Award* form to the Dean's Office for signature, please also include the *Offer of an Award* and *Awards Notice of Decision* documents.

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7. EQUATOR Network (Enhancing the QUALity and Transparency Of health Research)

The EQUATOR Network is holding a **workshop** and **2nd Annual Lecture** prior to the Sixth Peer Review Congress in Vancouver (10-12 Sept 2009).

Events are independent from the main congress and are open to everyone.

Workshop: Key guidelines for reporting health research studies

Date & time: **SEP 9, 2009, 14:00 – 17:30**
Target audience: Editors and peer reviewers of medical research journals
Workshop facilitators: Doug Altman, David Moher, Kenneth F. Schulz, and John Hoey
Registration fees: Early bird (by 31 May 09): £ 85; late registration (after 31 May 09): £ 100
Places are limited to 40 participants

2nd EQUATOR Annual Lecture by Dr Richard Horton, Editor-in Chief of *The Lancet*

Date & time: **SEP 9, 2009, 18:00 – 19:00**
The talk will focus on important issues relating to the research reporting in the context of global health issues

Lecture is free, everyone welcome.

Both EQUATOR events will take place at the main congress venue – **The Westin Bayshore Hotel, Vancouver, Canada.**

Visit www.equator-network.org for reporting guidelines, registration forms, and general information

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8. MITACS Accelerate Internship Program

The MITACS ACCELERATE BC program is currently accepting proposals from professors and graduate students/postdocs in any faculty or department for research projects conducted in collaboration with BC companies.

MITACS ACCELERATE is open to all university faculties and departments that train graduate students including Arts, Engineering, Humanities, Physical Sciences, Applied Sciences, Social Sciences for **4, 8, or 12-month research projects.**

Although internship proposals are accepted at any time, **it is strongly recommended that for internships intended to commence Sep 1, 2009, proposals be received by MITACS by July 15, 2009.**

NEW: INTERNSHIP CLUSTERS

In recognition of the growing demand from faculty to support teams of interns over longer time periods through research with a partner(s), MITACS has introduced *Internship Clusters*.

Internship clusters require a minimum of \$30,000 from a partner(s) who will benefit from significantly increased MITACS funding leverage

There are a limited number of internships available with non-company organizations (including hospitals, government labs and agencies and not-for-profit societies), and with partners in other provinces. Please speak to a BC business development representative for more information before submitting a proposal

For more information, email internships@mitacs.ca

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9. Shastri Indo-Canadian Institute Grants and Awards Opportunities

India Studies Fellowships

Application for fellowships in 2010-2011 is now open. The application deadline for all fellowships is **June 30, 2009.**

Grants for Canadian Faculty

[Millennium Development Goals Research Grant](#)
[Partnership Development Seed Grant](#)
[Scholar Travel Subsidy Grant](#)

Grants, Awards and Opportunities for Canadian Students

[Lal Bahadur Shastri Student Prize](#)
[Shastri Institute-Mount Allison University Summer Term in India](#)
[Student Excellence Awards](#)

Visit <http://www.sici.org/programmes/for-canadians/> for details concerning grants including individual grant deadlines.

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10. Student Biotechnology Network STEMCELL CAREER CONNECT

Meet the individuals behind BC's largest biotech company
Learn about the structure and function of a biotech company at this full day long event. Network with the employees at STEMCELL Technologies and build your career in biotech

Monday, 1 June 2009 – from 9AM to 3PM

Echelon Centre - 555 West 8th Avenue, Vancouver

Application Deadline: May 18, 2009

Successful applicants will be notified by May 22. Applications will be accepted on a rolling basis.

Very limited spots are available. For more information on application instructions, event details or to download the application form, visit www.thesbn.ca

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11. Vancouver Foundation Funding Applications

The Vancouver Foundation is now accepting funding applications for 2009

There is only one grant cycle this year because the global economic downturn caused a substantial decline in the endowment and the total amount of funds available for grants is about half the amount of previous years.

Final decisions on which projects will receive grants will take place at the December 2009 Board meeting, with successful applicants being notified shortly thereafter.

Applications should be for projects that will start in 2010 using the online Letter of Intent form.

The deadline to submit a letter of intent for most of our programs is **June 18, 2009**.

Please visit: <http://www.vancouverfoundation.ca/grants/index.htm> for information regarding grants overview, funding guidelines, application process, upcoming deadlines, and the online Letter of Intent form

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12. World Congress on Huntington's disease: Sept. 12 – 15th 2009

Early Bird Registration has been extended to **May 15, 2009**

Abstract deadline: **June 1, 2009**, to be included in Clinical Genetics or late breaking which will not be included in Clinical Genetics, **July 15, 2009**.

Conference Location and Accommodation

The Westin Bayshore. 1601 Bayshore Drive, Vancouver, BC, CANADA. Reservations must be made by **August 11, 2009** for Conference Rates

Email info@worldcongress-hd.net or visit www.worldcongress-hd.net for more information

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13. Canadian Institute of Health Research

Reduction of cutbacks to fall 2007 and spring 2008 Open Operating Grants

The CIHR President Alain Beaudet, MD, PHD has made a cutback reduction for both the Fall 2007 and Spring 2008 competitions announcement in response concerns raised by the research community regarding cutbacks to the grants awarded.

CIHR will be providing a one-time-only supplement to all the grants awarded in those competitions aimed at reducing the cutbacks already applied. This will have the effect of reducing the cutback from approximately 14% to 11% (on average) over the duration of the grant. Letters to grant holders are being finalized and will be sent out shortly.

CIHR Strategic Plan draft for 2009-2014 Posted

CIHR is seeking feedback from Canada's health research community

The web consultations will run over a six-week period and close in **mid-June**.

The health research community is being asked to review the plan and fill in a web-survey about the directions laid out within it. Upon completion of the consultations CIHR will post a summary report on the feedback received.

The documents can be accessed by visiting CIHR's homepage (<http://www.cihr-irsc.gc.ca>) and clicking on the Strategic Plan link

Canada Excellence Research Chair (CERC) First phase Results

The Honourable Tony Clement, Minister of Industry, announced the results of the first phase of the inaugural competition for the Canada Excellence Research Chairs (CERC) program on **April 23, 2009**.

Seventeen Canadian universities have been invited to nominate world class researchers for the second phase of the competition.

The goal of the CERC program is to support the development of innovative ideas and cutting-edge research discoveries in Canada.

The results are posted online (<http://www.cerc.gc.ca/phase1/results-resultats-eng.shtml>).

Knowledge Translation Learning Modules

CIHR are pleased to announce that three knowledge translation online learning modules are now freely available on the CIHR knowledge translation website: These modules: A Guide to Researcher and Knowledge User Collaboration in Health Research, Introduction to Evidence-Informed Decision Making and Critical Appraisal of Intervention Studies are briefly described below.

<http://www.cihr-irsc.gc.ca/e/38766.html>.

Funding opportunities posted between March 17 and May 7, 2009 by CIHR and its partners

- Emerging Team Grant: HIV/AIDS Vaccine Discovery and Social Research
- Meetings, Planning and Dissemination Grant: Various Organizations (See Database Link)
- Other: Canada-UK Aging Initiative

Please direct specific inquiries on the funding opportunity to the contact person listed at the bottom of the funding opportunity.

For more information visit the CIHR Funding Opportunity Database at <http://www.researchnet-recherchenet.ca/rnr16/search.do?fodAgency=CIHR&fodLanguage=E&all=1&search=true&org=CIHR&sort=program&masterList=true&view=currentOpps>

HeRRO New Investigator Lecture and Workshop

HeRRO is pleased to announce a **CIHR New Investigator Lecture & Workshop** on **Tuesday, May 26 from 1:30 to 4:00 P.M.** for UBC researchers preparing a September 2009 CIHR New Investigator submission.

Join Adrian Levy, Chairperson of the CIHR Health Research Salary A Committee, and other UBC CIHR salary committee members, to get an insider's perspective on how to create the 'total package'.

Registration: <http://www.research.ubc.ca/EventView.aspx?eventID=223>.

Informational Session and Grant Session Announcement

HeRRO and the Faculty of Medicine will be hosting a **CIHR Informational Session** and a number of **CIHR Grant Sessions** in June.

These sessions will be held at UBC Point Grey campus and will be open to all UBC researchers preparing a September 2009 Operating Grant submission to CIHR.

CIHR Informational Session Details

This session, designed toward new-to-CIHR faculty, will provide a strategic overview of the CIHR as well as an introduction to the inner workings of a CIHR Peer Review Committee (PRC).

It will be held on **Thursday, May 28 from 1:30 to 3:00 P.M.**

CIHR Grant Sessions

The grant sessions function as mock reviews intended to increase the competitiveness of the proposals. Group discussion typically focuses on PRC selection, research questions, methodology, preliminary data, readability, etc. Groups are organized by CIHR Theme (and PRC, if possible) with a maximum of six participants and two experts per group.

Theme 1

- **Thursday, June 4 – 1:30 to 4:00 P.M.**
- **Tuesday, June 9 – 9:00 to 11:30 A.M.**
- **Tuesday, June 16 – 9:00 to 11:30 A.M.**

Theme 2

- **Tuesday, June 2 – 9:00 to 11:30 A.M.**
- **Wednesday, June 10 – 1:30 to 4:00 P.M.**

Theme 3/4

- **Tuesday, June 9 – 9:00 to 11:30 A.M.**
- **Wednesday, June 17 – 1:30 to 4:00 P.M.**

Interested researchers are asked to visit the VP Research website (<http://www.research.ubc.ca/EventView.aspx?eventID=222>) for more information and to register.

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Tri University Symposium

University of British Columbia

Seoul National University

Instituto de Psiquiatria Brazil

May 13, 2009
8:30 a.m. to 3:30 p.m.

**Life Sciences Centre
LSC2 Lecture Theatre
2350 Health Sciences Mall
Vancouver, BC**

*Please register by May 1st
musselwh@exchange.ubc.ca
604-822-7325*

Tri University Symposium		
8:30 a.m.	Welcome: Dr. Lakshmi N. Yatham	
8:45	Opening Remarks	Dr. John Hepburn VP- Research University of British Columbia
8:50	Opening Remarks	Dr. Gavin Stuart, Dean Faculty of Medicine University of British Columbia
8:55	Opening Remarks	Dr. L. Trevor Young, Head, Department of Psychiatry, University of British Columbia
9:00	Chair: Dr. L. Trevor Young Overview of Seoul Department of Psychiatry, SNUH	Dr. Maeng Je Cho, Chairman, Department of Psychiatry Seoul National University
9:30	Chair: Dr. Lakshmi N. Yatham Overview of Research at Institute of Psychiatry, Sao Paulo, Brazil	Dr. Beny Lafer Department of Psychiatry Instituto de Psiquiatria, Sao Paulo Brazil
10:00	Chair: Dr. Yong Sik Kim (SNU) Research on Psychosis at UBC	Dr. William Honer Jack Bell Chair in Schizophrenia Research
10:30 – 11:00 Coffee Break		
11:00	Chair: Dr. Soo Churl Cho (SNU) Cellular toxicity in bipolar disorder	Dr. Marica Kauer Sant'Anna Federal University of Rio Grande do Sul Hospital de Clinicas de Porto Alegre, Brazil
11:30	Chair: Dr. William Honer Brain abnormalities according to prodrome & psychotic stages in schizophrenia.	Dr. Jun Soo Kwon Department of Psychiatry Seoul National University
12:00	Chair: Dr. Kyooseb Ha (SNU) Research on endophenotypes in Bipolar Disorder	Dr. Karla Mathias de Almeida Department of Psychiatry Instituto de Psiquiatria, Sao Paulo Brazil
12:30 – 1:30 Lunch		
1:30	Chair: Dr. David Bond Clinical and neurobiological studies on bipolar II disorder in SNUH	Dr. Tae Hyon Ha, SNU, Bundang Hospital
2:00	Chair: Dr. Michael Kraus Addiction Research at UBC: Current Approaches and Evolving Perspectives	Dr. Christian Schütz University of British Columbia
2:30	Chair: Dr. Allan Young Overview of Research in Basic Neuroscience at UBC	Dr. Anthony Philips, Professor University of British Columbia
3:00	Chair: Dr. L. Trevor Young Schizophrenia: From genes to brain	Dr. Daniel R. Weinberger, Director: Genes, Cognition and Psychosis Program, IRP, NIMH, NIH



THE MILLENNIUM
TECHNOLOGY
PRIZE

Finland's tribute to life-enhancing technological innovation

MILLENNIUM TECHNOLOGY PRIZE 2010

March 1, 2009

Call for Nominations

NOMINATION GUIDE

2004



Tim Berners-Lee

2006



Shuji Nakamura

2008



Robert Langer

2010





THE MILLENNIUM TECHNOLOGY PRIZE

Finland's tribute to life-enhancing technological innovation

GREETINGS



The world needs scientific and technological breakthroughs. With air pollution affecting the lives of millions of people and the need for clean water becoming a major issue for even more, we cannot rely on yesterday's solutions. While the justifiable ambition of a better life for billions requires new energy sources, we cannot allow this to destroy the environment we depend on. Our 'developed' societies are also full of problems requiring intelligent solutions.

The only way forward is to recognize and help accelerate the deployment of new, effective technology. Innovation is crucial to the future of mankind.

The Millennium Technology Prize was created to inspire and recognize innovations that provide answers to the challenges of our time and promote people's quality of life. At the level of one million euros, the Prize ranks as one of the world's most prestigious individual awards for technological innovation.

Your nomination of worthy candidates for the Prize, based on the guidelines presented in this booklet and detailed on our website, will be both warmly welcome and highly appreciated.

Dr. Stig Gustavson

Chairman
Technology Academy Foundation



NOMINATION GUIDELINES

General Principles The Millennium Technology Prize is awarded for a specific groundbreaking innovation in the field of technology.

The winning innovation must be shown to promote people's quality of life and sustainable development both now and in the future. The Prize is not intended for cumulative accomplishments over a lifetime career. Citizens of all nations are eligible.

Significant factors in the evaluation process include the number of people affected by the innovation and the extent of the changes they may experience as a consequence. Technologies that have not yet been applied in practice are not eligible for the award.

The Prize is also intended to stimulate further cutting-edge research and development in science and technology. Due consideration is also therefore given to each nominee's current activities. Ideally, nominees continue to be engaged in work that further promotes their innovation and its practical applications.

At the one million euro level, the Millennium Technology Prize ranks as one of the world's most prestigious awards.

The Millennium Technology Prize is under the patronage of the President of Finland.

Selection process The Finalists and the Prize Winner are selected by the Board of the Technology Academy Foundation on the basis of recommendations by the International Selection Committee, a distinguished group of experts. The Board's decisions are final and without appeal.

The nomination period begins on 1st March 2009 and ends on 1st October 2009.

Nominations received by the Technology Academy Foundation are first reviewed by a pre-selection group consisting of a network of leading Finnish and international scientists and technologists who cooperate with the International Selection Committee. On the basis of this work, the International Selection Committee prepares a list of Finalists for the Board's approval.

The list of Finalists, all of whom must accept their appearance on the list, will be announced in early spring 2010. In this context all the Finalists, their research and their innovations will be presented to the international media and the general public in their domestic countries. The International Selection Committee then convenes in Helsinki to prepare its recommendation for the Prize Winner to the Board.

The winner of the 2010 Millennium Technology Prize will be announced during Millennium Technology Week in Helsinki in June 2010. Awards for the Prize Winner and all the Finalists will be presented at a festive award ceremony by the President of the Republic of Finland *Tarja Halonen*.



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Nominees The Prize can be awarded to a research and development team or to a single individual. It can also be shared between two or three individuals who are shown to have made a critical contribution of essentially equal merit to the success of the innovation.

In cases where the International Selection Committee judges that the merit for an innovation should be ascribed differently from that proposed in the nomination documents, the committee may reduce or extend the number of individuals being considered.

Nominators Any science and engineering academy, university, research institute, industrial enterprise or association may submit a nomination for the Millennium Technology Prize. If the nominating organisation considers more than one innovation to be worthy of the Millennium Technology Prize, more than one nomination may be submitted.

Self-nominations are not accepted.

Nomination Documents All nomination material must be presented in English and sent to the Technology Academy Foundation, preferably by email. A nomination consists of the following documents:

1. NOMINATION FORM (one page)

The nomination form can be found at www.millenniumprize.fi. Please complete a separate Nomination Form for each candidate.

2. NOMINATION LETTER (1–5 pages)

The Nomination Letter and any possible appendices should cover the following topics:

- a) Specific details of the cited innovation and the underlying technology change
- b) The present and future impact of the innovation on quality of life and sustainable development
- c) Identification of each nominee and their role in the innovation process
- d) Details of each nominee's current activities
- e) Copies of possible media coverage concerning the nominee and the innovation.

3. TWO SUPPORTING LETTERS (1–3 pages each)

Letters supporting the nomination written by two distinguished individuals from separate organisations are required. These letters must refer explic-



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itly to both the nominee and the innovation presented in the Nomination Letter. Additional supporting letters may be submitted if they are considered necessary to describe particular features of the nominee and the innovation. Authors may email their Supporting Letters directly to the Technology Academy Foundation.

4. NOMINEE'S CURRICULUM VITAE (1–3 pages)

This CV should be a concise list that includes the nominee's education, positions held, industrial and academic affiliations, a list of key patents and publications, honours granted and awards received.

A separate CV is required for each nominee.

Period of Eligibility All qualifying nominations are valid for one selection round.

Submission All nomination material must be presented in English and emailed to nomination2010@millenniumprize.fi by *1st October 2009*. Please combine the nomination material you are transmitting into a single email message whenever possible.

Nominations that cannot be sent by email should be sent to the following address: Technology Academy Foundation, Fredrikinkatu 25 B 26, 00120 Helsinki, Finland.

For specific guidelines and enquiries on submitting a nomination, please contact Dr.Tech. *Ainomaija Haarla*, President and CEO of the Technology Academy Foundation, Finland: ainomaija.haarla@technologyacademy.fi, ainomaija.haarla@millenniumprize.fi. Please visit also www.millenniumprize.fi.

Information in the nomination documents that concerns selected Finalists may be used to prepare publicity material describing the Finalists and their innovations.

MILLENNIUM TECHNOLOGY PRIZE WINNERS

In 2004 the Winner was *Sir Tim Berners-Lee* for his invention of the World Wide Web (www).

In 2006 *Professor Shuji Nakamura* was awarded for his invention of bright-blue LEDs and the blue laser.

In 2008 the Winner was *Professor Robert Langer* for his inventions in biomaterials for controlled drug release and tissue regeneration. In addition five Laureates (three inventions) were awarded in 2008.



MEMBERS OF THE INTERNATIONAL SELECTION COMMITTEE



CHAIRMAN

Professor Risto Nieminen, Finland

Dr. Nieminen is Professor of Physics at Helsinki University of Technology. He directs COMP, the National Center of Excellence in Computational Nanoscience and the National Graduate School in Materials Physics. His area of research includes condensed-matter and materials physics as well as computational methods. He holds positions in several international scientific organisations and advisory committees as well as editorships in many scientific publications.



Professor Eva-Mari Aro, Finland

Dr. Aro is Professor in Physiological Botany at University of Turku. Dr. Aro's primary area of research is focused on photosynthesis, solar energy conversion and chloroplast signalling. She holds several honours and awards, acting as Academy Professor at the Academy of Finland where she currently heads the Center of Excellence. She has worked in a number of leading international research institutions and universities. Dr. Aro holds key positions in several international organisations, including the Presidency of the International Society of Photosynthesis Research (ISPR), and Member of the Steering Committee of the European Initiative for Clean Solar Fuels.



Professor Mikko Hupa, Finland

Dr. Hupa is Professor and Dean of the Faculty of Technology at the Åbo Akademi University in Turku. He is Chairman of the National Centre of Excellence in Process Chemistry (PCC) at Åbo Akademi, a cross-disciplinary research centre working with novel processes and products from renewable raw materials. Dr. Hupa is also chairman of the National Graduate School in Chemical Engineering (GCE) and holds positions in a number of international organizations including editorial board positions. Dr. Hupa's research interests include high-temperature chemistry, the clean combustion of biomass fuels and advanced inorganic materials.



Professor Bengt Kasemo, Sweden

Dr. Bengt Kasemo has been Professor of Physics at Chalmers University of Technology, Gothenburg, since 1983. He heads a research group of 20 people active in Surface Science, Nanoscience and Nanotechnology, Catalysis for emission cleaning, and Sustainable Energy Technology. He is the co-founder of the internationally recognized Competence Center for Catalysis at Chalmers, with member companies such as Volvo AB, Volvo Personal Cars (Ford), Saab AB (GM), Scania AB and Haldor Topsoe A/S. He has published some 370 scientific papers and cited more than 9000 times.



Finland's tribute to life-enhancing technological innovation

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Professor Martti Mäntylä, Finland

Dr. Mäntylä is Professor of Information Technology at the Helsinki University of Technology and is currently participating in preparations for the Aalto University and leading several research projects. In 1999–2008 he was the founding Director of the Helsinki Institute for Information Technology, a joint research institute set up by the Helsinki University of Technology and the University of Helsinki, at which he still co-leads the Ubiquitous Interaction research group. His area of expertise focuses on the user-centric design of digital communication services and products.



Professor Konrad Osterwalder, Switzerland

Dr. Osterwalder is Rector of the United Nations University and Under-Secretary-General of the United Nations. From 1995 to 2007, he also served as Rector of ETH Zürich, the Swiss Federal Institute of Technology, where he earned his doctorate in theoretical physics in 1970. His research focuses on the mathematical structure of relativistic quantum field theory, on elementary particle physics and on statistical mechanics. He has been teaching the natural sciences and engineering for more than twenty years.



Professor V.S. Ramamurthy, India

Dr. Ramamurthy is a well known Indian nuclear scientist with several research contributions in the areas of nuclear fission and heavy ion reaction mechanisms. After serving as Secretary to the Government of India in the Department of Science and Technology for nearly eleven years, Dr. Ramamurthy is currently Homi Bhabha Chair professor at the Inter-University Accelerator Center in New Delhi. He also serves as the chairman of the Board of Governors of the Indian Institute of Technology, New Delhi and Chairman of the Recruitment and Assessment Board of the Council of Scientific and Industrial Research, India. He is also Chairman of the IAEA's Standing Advisory Group on Nuclear Applications.



Professor Henry T. Yang, United States of America

Dr. Yang is the Chancellor of the University of California, Santa Barbara. Previously he was the Neil A. Armstrong Distinguished Professor of Aeronautics and Astronautics and Dean of Engineering at Purdue University. He is a member of the U.S. National Academy of Engineering. He has received five honorary doctorates and other awards. He serves on several boards, including the Steering Committee



THE MILLENNIUM
TECHNOLOGY
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7

Finland's tribute to life-enhancing technological innovation

CONTACT INFORMATION

Technology Academy Foundation

Fredrikinkatu 25 B 26
00120 Helsinki
Finland

TEL. +358 9 6818 090
FAX +358 9 6818 0955
E-MAIL info@millenniumprize.fi
www.millenniumprize.fi

www.technologyacademy.fi

Nomination material emailed to nomination2010@millenniumprize.fi



Millennium Technology Prize 2010

Nomination form

Nominations for Millennium Technology Prize 2010 must reach Technology Academy Foundation **by 1st October 2009**. Please complete a separate nomination form for each nominee and email all nomination documents to nomination2010@technologyacademy.fi. Enquiries sent by email should be addressed to: info@technologyacademy.fi.

Nominee

Name:

Organization:

Position and affiliation:

Proposed citation describing the innovation

Nominating organization

Nominating organisation:

Nominator:

Contact person for the nominator (name, email, phone):

Supporting letters have been requested from (name, title, organisation and contact information)

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