
Pathology News

Vol. 6 #05

May 1999

May 1999

MastHead Info

Pathology News
Department of Pathology, Richardson Labs
Queen's University, Kingston, Ontario K7L 3N6
Canada

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For article submissions please see last page

We publish only that which is submitted! (There are no expense accounts and no reporters) If there is no news about your area that means we haven't received any!

235 days until 1999 December 31



Upcoming Events

U **University Closed - Monday May 24th - Victoria Day ... Long Weekend! Margueritas on the deck!**

The Department will be ghosting a reception for Dr. Robert More formally dedicating the departmental library as the "**Robert Hall More Library**"

There will be a short presentation and dedication ceremony in Richard Amphitheatre from 4-5 pm on Tuesday May 25th followed by a reception at the University Club from 5-6:30 pm. Invitations will be sent out shortly.

Spring 1999 Convocation

The School of Graduate Studies Spring 1999 Convocation ceremony will be held on Friday, May 28, 1999 at 2:00 pm. Jock Harty Arena.

For Your Information

F If you happen to be on Douglas 2 drop into the secretarial office and look at the baby pictures of the secretaries on Douglas 2. For 50 cents you can put in your guess as to whose who. Check the June issue of the Newsletter to see if you are the grand prize winner.



Congratulations

Congratulations to Dr. Lois Mulligan, the 1998-99 recipient of the Basmajian Award.

Annual Departmental Staff Photo

It's time again for the Annual Staff Photo, possibly for the first week of June. A notice will be set out by mid-May.

Positions Available

P **McGill University**

The Faculty of Medicine at McGill University invites applications for the position of Chair, Department of Pathology. The successful applicant will be the academic and administrative

head of pathology and its sub-specialties in the Faculty and Pathologist-in-Chief of the McGill University Health Centre. Applicants should have senior academic experience with proven administrative and teaching skills. A commitment to research with an international reputation in this domain are important attributes. The selected candidate must be licensed or eligible for licensure in the Province of Quebec. Interested applicants should send their curriculum vitae before **May 31, 1999** to Dean Abraham Fuks, Faculty of Medicine, McGill University, 3655 Drummond, Montreal, Quebec H3G 1Y6.

McMaster University

The Department of Pathology and Molecular Medicine, McMaster University invites applicants for a full-time faculty position in the Special category that is currently available. The successful candidate must have a PhD or equivalent and is required to have a background in the area of immune regulation and gene therapy. Experience with development and use of viral and non-viral vectors will be beneficial. The candidate will join an active group in the area of gene therapy of cancer and other immune-mediated disorders and will be expected to collaborate closely with others in the group. The candidate will be expected to develop their own independent research program and apply for independent salary support. Salary will be commensurate with experience. Applicants should send their C.V., a statement of their research interests and future plans, and the names of three references by **June 1, 1999** to: Dr. Jack Gauldie, Chairman, Department of Pathology and Molecular Medicine, Room 2N16, McMaster University, 1200 Main Street West, Hamilton, Ontario L8N 3Z5.

University of Colorado

Pathology Faculty Position - Technical Director of Molecular Diagnostic Laboratory
The Division of Clinical Pathology and Laboratory Medicine in the Department of Pathology at the University of Colorado School of Medicine has a position available for a Technical Director of the molecular diagnostics laboratory. A doctoral degree (Ph.D., M.D., or M.D./Ph.D.) and at least four additional years of experience in clinical molecular

diagnostics work, or the equivalent, are required. Laboratory supervisory experience and certification by the American Board of Medical Genetics are preferred. The individual will be responsible for the technical and scientific operation of the laboratory as well as the research and development of new molecular diagnostic tests. The position will also involve teaching students and residents as well as scholarly activities. Appropriate academic rank and salary are commensurate with experience. Applications are particularly encouraged from women and individuals of diverse racial, ethnic, and cultural backgrounds. Applications will be accepted until **July 1, 1999**. Send letter of interest with curriculum vitae and names of three references to: Brad Brimhall, M.D., Department of Pathology (Box A022), University of Colorado Health Sciences Center, 4200 E. Ninth Avenue, Denver, CO 80262. E-mail: bbrimhall@ewok.uhcolorado.edu

Memorial University of Newfoundland

Applications are invited for a tenure track position as Clinical Biochemist in the Discipline of Laboratory Medicine, Faculty of Medicine, Memorial University of Newfoundland. The successful candidate will also hold a joint appointment as Divisional Chief of Biochemistry in the Laboratory Medicine Program of the Health Care Corporation of St. John's. Applicants should have either an MD with an FRCPC in Medicine Biochemistry or a PhD with membership in the Canadian Association of Clinical Chemists. Facilities and support for an active research program will be provided. Applications with CV and the names of three referees should be submitted by **July 1, 1999** to: Dr. D.G. Haegert, Professor and Chairman, Discipline of Laboratory Medicine, Faculty of Medicine, Memorial University of Newfoundland, St. John's, NF A1B 3V6.

The Toronto Hospital/Ontario Cancer Institute/Princess Margaret Hospital

Department of Laboratory Hematology, Director, Regional Histocompatibility Laboratory
This position is available in the Department of Laboratory Hematology at The Toronto Hospital, Ontario Cancer Institute and Princess Margaret Hospitals. This tertiary care teaching hospital is Canada's largest and is fully affiliated with the University of Toronto with priority programs in Bone Marrow and Solid Organ Transplantation. You will direct the academic and professional service laboratory that provides large volume serological and molecular testing for all University of Toronto transplantation programs. You must have demonstrated professional competence to qualify as a director through the ASHI accreditation process. Emphasis will be placed on candidates with the academic background and experience to maintain active independent and collaborative research programs. This position carries an academic appointment in the University of Toronto at a rank consistent with your background and experience. Appointment available July 1st, 1999, or later.



Please submit a letter of application, by **May 18th, 1999**, with a Curriculum Vitae, and the names and addresses of three references to: Dr. Dominic Pantalony, Director, Dept. of Laboratory Hematology, Princess Margaret Hospital, 4-325, 610 University Ave., Toronto, Ontario Canada M5G 2M9.

Volunteer

Mr. Samir Acharya is willing to volunteer in a research laboratory for the summer. He is currently an undergraduate student in the Biochemistry Department. If you are interested and would like to see a copy of his resume see Barb Latimer in Dr. Manley's office.

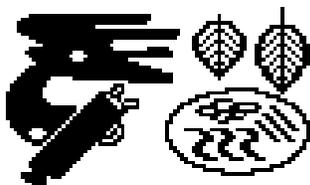
Health Sciences, Botterell Hall, Room 234 by **May 14, 1999**.

The checklist to be submitted with the letter of intent is available from the departmental office, the Office of research Services web-site <www.queensu.ca/vpr/> or in the Faculty Office. If possible, submit the letter of intent in both electronic form and hard copy form. Following assessment of the letter of intent, the Research Advisory Committee will provide feedback to the group of researchers regarding the preparation of the detailed submission, containing specific data in support of the criteria for an established or an emerging research group. The detailed proposal is to be submitted by **October 1, 1999**.

Second Annual Meeting for Basic & Clinical Research Trainees

This meeting is set for May 26, 1999 in the atrium of the Biosciences Complex. This all-day meeting has been organized in order to provide a forum for graduate students, post-doctoral fellows and clinical residents of the Faculty of Health Sciences at Queen's to discuss their recent research findings. Individuals interested in presenting should submit their abstract(s) according to the instructions (available from your program Director). All presentations should be made by trainees only. There will be only a limited number of oral presentations and no limit for poster presentations.

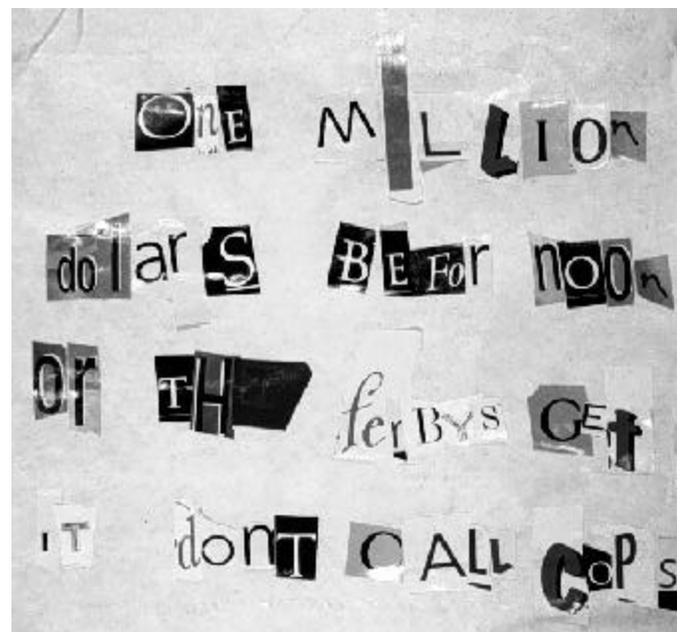
Research News



Identification of Established and Emerging Research Groups - Call for Letter of Intent

You are invited to self-identify as an established or an emerging research group by submitting a **letter of intent**, consisting of the focus of the research group, membership of interacting researchers in the group, and a completed checklist describing the group. The letter of intent is to be submitted to the Research Advisory Committee, Faculty of

Dr. Robert A. Phillips, Executive Director of the NCIC will be visiting Queen's University on May 10th and 11th. He will be making a one-hour presentation at 2:00 pm in Room B143 Botterell Hall on the 10th entitled: **"The Changing Paradigm of Research Funding: Is there Really more Money for Cancer?"** Everyone is invited.



Furby Napping Alert! There has been one reported multiple kidnapping of Furbies from the Histopathology Lab. The "creatures" were eventually returned unharmed. Forensic analysis of the ransom note (above) is pending. Interviews of the victims have so far been unproductive, as they REFUSE TO TALK!

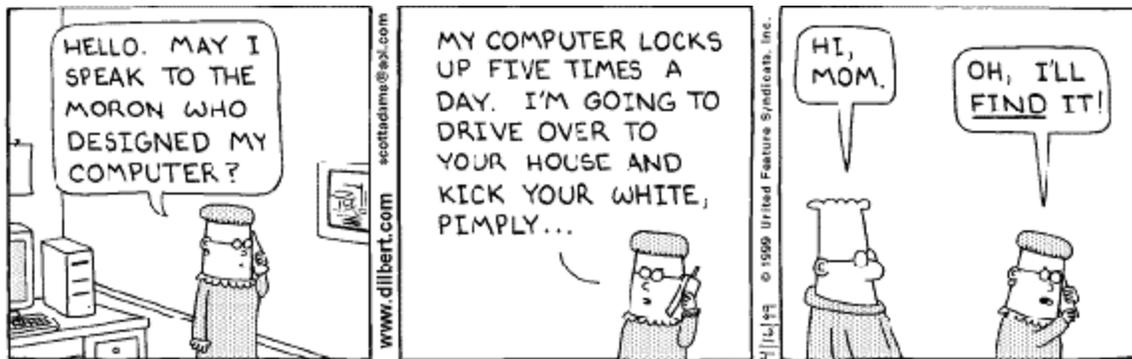
May 3, 1999 RELEASE: 99-55
 NASA TELEMEDICINE: IMPROVING HEALTH FROM A DISTANCE

Doctors at five distant sites in the United States will demonstrate how to use NASA telemedicine to diagnose patients, practice operations and train, using 3-D medical images carried by a high-capacity computer network.

The NASA telemedicine system, to be demonstrated Tuesday at NASA's Ames Research Center, Moffett Field, CA, has potential for improving health care at the far corners of the Earth by linking remote sites with the best medical minds and facilities.

During the demonstration, physicians will use 3-D, scanned images of patients' hearts, skulls and other body parts. On computer screens, doctors at the five sites will see every procedure in stereo 3-D as each physician manipulates images of the virtual patient. The specialists will use high-fidelity, NASA-developed 3-D imaging software to analyze and discuss patients.

"We're looking at methods to bring the clinic to the patient, rather than the patient to the clinic," said Dr. Muriel Ross, leader of NASA's effort at Ames to develop care of patients from a



distance. "We're supporting remote collaborations of doctors at different locations on Earth. This will prepare us to use the technology for spacecraft crews traveling to the International Space Station, Mars or other planets, where specialists may not be available."

The "Virtual Collaborative Clinic" will link physicians from the Cleveland Clinic, participating at the NASA Glenn Research Center, Cleveland, OH; Stanford University Medical Center, Stanford, CA; Salinas Valley Memorial Hospital, Salinas, CA, interacting from the University of California, Santa Cruz; the Northern Navajo Medical Center, Shiprock, NM; and Ames. The concept and software are under development at Ames' Center for Bioinformatics.

"Cleveland Clinic will discuss a patient treated for an enlarged heart chamber," said Ross. "If you cut a piece out and make the chamber smaller, you improve the way the heart works. During the demonstration, you'll be able to see the before and after conditions in 3-D."

The Cleveland Clinic, Salinas Hospital and the Northern Navajo Medical Center will present heart work. Salinas will show an infant's defective heart beating. Stanford physician Dr. Michael Stephanides will simulate facial reconstructive surgery from Ames.

"This demonstration is being done to support remote collaborations -- to plan surgeries and to make diagnoses, and eventually even to operate from a remote site," Ross said. "Specialists could guide a general practitioner, or you could guide a robot operator on a spacecraft from a great distance."

The NASA Bioinformatics team plans to promote the development of systems for scanning patients onboard spacecraft with sonic machines. Specialists collaborating from different places on Earth could plan a medical procedure, then send it to an astronaut physician to perform.

"You could try the operation in virtual reality a number of times, storing the procedure in computer memory, and then you could use the approach that's best during the actual operation," Ross said.

"We have also talked about projecting a computer image onto the patient," Ross said. "Projected images could guide

doctors during operations." More information about the Center for Bioinformatics is on the Internet at:

<http://biocomp.arc.nasa.gov/home.html>

Queen's

University Libraries - News Releases Tuesday, 27 April 1999

<http://stauffer.queensu.ca/libdocs/news/99apr27.htm>

GEOBASE: Now Searchable on Queen's Libraries' WinSPIRS/WebSPIRS Network

GEOBASE is a comprehensive index, with abstracts, to the international literature in the fields of physical and human geography, geology, mineralogy, ecology, development studies, and environmental issues. Coverage is from 1980 to the present, updated quarterly.

Formerly searchable only from a single workstation in Stauffer Library, the database is now accessible campus-wide through the Libraries' WinSPIRS/WebSPIRS Database Network (cf.

http://stauffer.queensu.ca/libguides/erl_db.htm).

All Queen's students, faculty and staff can access GEOBASE from any Library workstation, as well as from campus offices, residences, or from home.

LTU and IDC hosts 5th annual Education and Technology Day

Does technology change the way people teach? Can its vast stores of information promote critical thinking and lifelong learning? These and other issues will be explored at Technology and Lifelong Learning, the fifth annual Education and Technology Day, to be held at Queen's Tuesday, May 11, 9am-4pm.

Organized by the Learning Technology Faculty Associates and co-sponsored by the Learning Technology Unit of Information Technology Services, the Instructional Development Centre, and Queen's Libraries, the one-day session features Queen's faculty talking about the innovative ways they use technology; a panel discussion on the ways in which technology enhances learning and promotes critical thinking; and workshops and demonstrations using a wide variety of electronic and web-based media. Topics include Technology and the Distance Learner;

Using technology to Teach for Understanding; and Using Technology Across an Entire Program.

Attendees can register via e-mail at whitea@post.queensu.ca or by calling Libby White (ITS), 533-6741. More details and registration forms can also be found at <http://www.queensu.ca/idc/tech99/index.html>

Richardson Research Seminars Tuesdays at 4:00 pm in Richardson Amphitheatre

1999 May 11	Brian Brown, Jennifer Struthers
1999 May 18	Dawei Zhang, Adina Vultur
1999 May 25	Chris Udell, Deborah Greer

Electronic Journals

Increasingly, publishers are offering libraries, who hold print subscriptions to individual journal titles, optional simultaneous free access to the electronic version of the same journal titles. This electronic access usually is guaranteed until the next renewal date of the print subscription, and ceases should the library cancel the print subscription.

Within these "limitations", Queen's Libraries' Electronic Journals website recently has been expanded to include approximately 100 new titles. A summary listing is printed below (or see the Web version of this News Release for additional details). For quick scanning, all titles added during the past 6 weeks are flagged on the E-Journals website by a yellow NEW symbol.

To access the e-journals:

Go to: Queen's Libraries Electronic Journals
<http://stauffer.queensu.ca/reference/journals.htm>

Grants'n' Such

The following are summaries of funding. If you require general information see Barb in Dr. Manley's office. If you require application forms or more detailed information please contact Laurie Vaughan-Evan in the Office of Research Services.

Work Study Program

The Work Study Program will be running a spring/summer session. The deadline for students to apply for an entitlement was April 16th, 1999. There is NO deadline for an employer to submit a job posting to this program. Job

postings are accepted throughout the entire scholastic year. The 1997-98 version of the program saw 432 students earn more than \$460,000 through part-time jobs on campus. Funds available for the 1998-99 version of the program exceed \$500,000 and will increase in future years. The additional funding this year has sorely tried their ability to generate a sufficient number of part-time jobs on campus so that all the students who were approved could, in fact, earn their entitlements. Even if you do not have a job at the present time to post for the Work Study Program please start planning now for the 1999-2000 version of the program. For more information visit their web-site at <http://careers.queensu.ca/workstudy/index.htm>.

Department of Pathology Clinical Trust Fund Research Competition

In light of the small number of applications submitted to the Clinical Trust Fund Research Competition in January 1999 the Trust Fund Review Committee has decided to hold a second competition with a submission deadline at the end of June 1999. The Terms of Reference for this competition are unchanged and it is anticipated that funding for successful applications will be made available in the fall of 1999. The deadline for receipt of these submissions in the departmental administrative office is **4:00 pm on Friday, June 25th**.

Medical Research Council of Canada (MRC) Research Funding Programs

MRC recognizes that not all proposals for research funding fall within the terms of reference of the MRC's programs. MRC is therefore willing to consider requests for funding special projects. A preliminary proposal, in the form of a letter, should provide a clear description of the project's objectives, and the anticipated duration and level of support required. Consideration will be given to such requests on an ad hoc basis. If MRC gives formal approval, the applicant or applicants may proceed with a full application. MRC will send the most appropriate form to use. Deadline: Continuous. Applicants may submit preliminary proposals at any time. Citizenship: Unrestricted. Activity Location: Canada. Requirements: Ph.D./M.D./Other Professional. Contact: Ms. Erika Levis, Program Coordinator, Programs Branch, Medical Research Council of Canada, Holland Cross, 5th Floor, Tower B, 1600 Scott Street, Postal Locator 3105A, Ottawa, Ontario K1A 0W9. Phone: (613) 954-6000, (613) 941-2672; Fax: (613) 954-1800; Email: elevis@mrc.gc.ca

Bristol-Myers Squibb Foundation

The Bristol-Myers Squibb Foundation Unrestricted Biomedical Grants Program embodies the company's vision of a partnership between private industry and academic research in the process of scientific discovery. Basic research is supported in the six therapeutic areas in which Bristol-Myers Squibb maintains active research programs and markets major products: cancer,

cardiovascular disease, infectious diseases, nutrition, the neurosciences and orthopaedics. Typically, grants are used as seed funds for promising work by young investigators, or to support a new line of inquiry suggested by laboratory findings. **Deadline: Continuous.** There are no deadlines. Amount: \$250,000. Upper Amount: \$500,000. Amount Note: At least one five-year unrestricted research grant is awarded in each scientific field of either \$250,000 or \$500,000. Eligibility: To be nominated, institutions must be widely recognized for a strong emphasis and competence in one of the therapeutic areas listed, have a track record of excellence in specific areas of basic or clinical research, and have demonstrated ability to apply results to promote health or improve health care delivery. Institutions must be organized on a nonprofit basis for educational or scientific research purposes. Requirements: Academic Institution or Government or Nonprofit Ph.D./M.D./Other Professional. Contact Name: Secretary, Unrestricted Biomedical Research Grants Program, 345 Park Avenue, Suite 43-38, New York, New York 10154 USA. Phone: (212) 546-4358; Fax: (212) 605-9696. URL for more information: <http://www.bms.com/profile/grants.html>

Kingston General Hospital Clinical Research Grant Fund

Submissions are requested for the 1999 Kingston General Hospital Clinical Research Grant Fund. Funding for the 1999 competition is expected to be approximately \$40,000. Four grants of up to \$10,000 each will be awarded. The deadline for the competition is: Tuesday, **June 1, 1999 - 4:30 p.m.** Guidelines for Submission are available at the Office of Research Services. Applications should be submitted to the Office of Research Services, Room 301, Fleming Hall, Queen's University. **Terms of Reference:** Kingston General Hospital Research and Development Committee is providing research funds to support research that will contribute to and further knowledge about patient care in this acute care hospital. Funds are to be used for direct patient-based research consistent with the mission of the Kingston General Hospital (KGH).

1. The research will be conducted at KGH. Applicants must be health care professionals employed at KGH or physicians with privileges.

2. The funds will be administered by the Board of Directors of the KGH, specifically, the Research and Development Committee as advised by the Research Grants Committee, a subcommittee of the Research and Development Committee.

3. Grants shall be made for the term of one year (1 Sept. to 31 Aug.) subject to possible extensions as set out in Paragraph 2 of the Guidelines for Submission. Awards from this fund normally shall not exceed \$10,000.

4. Funds are to be used in the following descending order of priority: - start-up support for new investigators (within five years of an investigator commencing his/her research initiatives). - support for new initiatives by established investigators. Applications for travel funds will not be considered.

5. Research must be: 5.1. Patient-based clinical projects that are congruent with the philosophy and mission of KGH and its programs. 5.2. Of scientific merit with respect to creativity, rationale, research design, methodology, analysis and measurement outcomes; 5.3. Financially feasible; and 5.4. Approved, before project implementation, by the Kingston Health Sciences Research Ethics Board (REB).

6. Whereas applications from individual investigators are welcome, research projects with an interdisciplinary approach are encouraged.

7. Grant applications will be critically reviewed by the Research Grants Committee in terms of relevance to KGH patient care and on the basis of scientific soundness, methodology and proposed outcomes.

8. The Research and Development Committee will provide final approval based on recommendation from the Research Grants Committee.

9. These Terms of Reference will be reviewed each year prior to the next competition.

National Marfan Foundation

The National Marfan Foundation is offering up to three grants for clinical or basic research on Marfan syndrome, an inheritable disorder of the connective tissue that affects many organ systems, including the skeleton, lungs, eyes, heart and blood vessels.

Grants are awarded for a one-year duration. **Deadline: July 01, 1999.** Amount: \$10,000. Amount Note: Two grants not to exceed \$10,000 each will be awarded by the NMF Research Fund and an additional \$10,000 grant will be awarded by the Avitabile Family Marfan Research Fund. Financial support is available for investigators studying any or all disciplines involved in the Marfan syndrome.

Requirements: Ph.D./M.D./Other Professional. Contact: Eileen Masciale, National Marfan Foundation, 382 Main Street, Port Washington, New York 11050 USA. Phone: (516) 883-8712 / (800) 862-7326; Fax: (516) 883-8040. Email: staff@marfan.org

International Opportunity Fund

This program may be used to initiate collaborative research projects with any country. It also provides a support mechanism for developing new collaborative research projects with countries with which NSERC has signed agreements. The details of these



agreements and information on NSERC's international relations are available on NSERC's website at: <http://www.nserc.ca/intnew.htm>. If you have any questions on this program, please contact: Madeleine Bastien at NSERC, phone: 613-996-7041; email: madeleine.bastien@nserc.ca.

For any other question regarding NSERC's international relations, please contact Thierry Weissenburger at: phone : 613-995-1818; e-mail: thierry.weissenburger@nserc.ca

The Ontario March of Dimes and Pasteur, Merieux, Connaught Invite Nominations for the Salk Award Deadline: **May 31, 1999**

This award is given annually to a Canadian scientist or physician whose work has made a significant contribution to our understanding of the underlying causes of physical disability or has contributed in a major way to the alleviation of disability. The area of study is not restricted but some preference may be given to work involving Central Nervous System problems. The Award is usually presented in Toronto in the fall but this year will be presented in late June at a special event. The Award includes a plaque and a financial award of \$10,000. There is no specific nomination form but nominators should include sufficient information about their nominee and his/her contributions to allow critical assessment. At least three letters of reference should accompany any nomination. Nominations should be submitted to The Ontario March of Dimes, 10 Overlea Blvd., Toronto, Ontario. M4H 1A4. Attention Ms. Alida Saleh

Burroughs Wellcome Fund

2000 Hitchings-Eliou Fellowships
<http://www.bwfund.org/HE2000.html.html>
Support for U.S. and Canadian Biomedical Scientists to Engage in Postdoctoral Training in the United Kingdom or the Republic of Ireland and to Begin a Faculty Appointment in the United States or Canada. Deadline: **August 2, 1999**.
Burroughs Wellcome Fund, 4709 Creekstone Drive, Suite 100, Durham, NC 27703-8472. Telephone (919) 991-5100; Fax (919) 941-5884. E-mail: info@bwfund.org

with human subjects and materials of human origin, but not clinical trials nor patient management studies. The deadline for abstracts is **June 1, 1999**. The deadline for receiving the formal application is **September 1, 1999**. Amount: \$35,000. Upper Amount: \$180,000. Requirements: Ph.D./M.D.

Canadian Research Institute for the Advancement of Women (CRIAW)

<http://www3.sympatico.ca/criaw/grant.htm#aid>
The Canadian Research Institute for the Advancement of Women offers grants for projects that promote the advancement of women. The research can be the subject of a proposal that is complete in itself, or part of a larger study. The work can be in its initial stages, or it can be an on-going project. The project must make a significant contribution to feminist research and be non-sexist in methodology and language. Priority will be given to emerging independent researchers, women's groups, and projects with Canadian content. The grants do not fund research which is part of the requirements for an educational degree, projects for aid to publication, or workshops and conferences. Deadline: **August 31, 1999**. Amount: \$2,500.
Requirements: Academic Institution or Government or Nonprofit Ph.D./M.D./Other Professional Contact : Awards Committee Chairperson, Canadian Research Institute for the Advancement of Women, 151 Slater Street, Suite 408, Ottawa , Ontario K1P 5H3. Contact Phone: (613) 563-0681. Contact Fax: (613) 563-0682. Contact Email: criaw@sympatico.ca

International Program for Animal Alternatives

The purpose of this program is to provide funds for research in biological sciences. Specifically, this program funds the development and the scientific validation of replacements for, or improvements in, current animal methods for efficacy and safety testing used in the development of new drugs and other consumer products. This year's program will select proposals relevant to use of animals in research on cardiovascular and skeletal muscles. The program focuses on the following key aspects of the development and validation of new alternative methods: 1) new in-vitro biochemical and cellular approaches to efficacy and safety testing that could replace in-vivo testing methods; 2) non-invasive in-vivo methods for evaluating drug efficacy and safety that reduce the distress imposed on animals; 3) the identification of new procedures or models to reduce the use of animals or the

Amyotrophic Lateral Sclerosis (ALS) Association - USA

<http://www.alsa.org/RnD/>

The ALS Association is now receiving abstracts for multi-year and one-year starter awards. Clinical research includes research conducted



Awarded to Dr. David Lillicrap on the auspicious occasion of April 1st!

distress imposed on animals; and 4) scientific validation of previously developed alternative methods where validation is important to widespread acceptance of the method.

Deadline: **August 15, 1999**. Funding will be provided for up to three proposals each year. The maximum funding for each awarded proposal will be \$75,000 per year, for a period of up to two years. Annual reviews of progress will occur to determine the continuation of funding. For more information, please visit:

<http://www.pg.com/about/rnd/grants2.htm>

Bickell Foundation Spring Competition

The next deadline for the Bickell Foundation is **June 1, 1999**. Applications to this source must be forwarded by the Dean to the organization. To meet the deadline, all applications should reach The Office of Research Services, Room 301, Fleming Hall no later than: **Friday, May 21, 1999**. Queen's is allowed to submit no more than three applications to the agency. Priority will be given to newly appointed academic staff. Please submit an original plus two copies, along with a completed Office of Research Services Data Summary and Signature Sheet. Applications are available in the Office of Research Services, Room 301, Fleming Hall (533-6081).

Asthma Society of Canada Research Grants

www.asthasociety.com

The Asthma Society of Canada is a national volunteer-based organization devoted to enhancing the quality of life of people living with Asthma. Our programs include public education, counseling and the provision of information for Asthmatics and their families, as well as, funding research. This year, they have \$160,000 to be awarded to research.

The maximum for each individual grant will be approximately \$10,000 in the field of Asthma research. A copy of the Application Form is available from Office of Research Services. The deadline for receipt of the application is **July 15, 1999**. If you require further information, please contact: 130 Bridgeland Avenue, Suite 425, Toronto, Ontario, Canada M6A 1ZA 416-787-4050. Asthma Infoline: 1-800-787-3880

American Lung Association

Lung Health Research Dissertation Grants - **October 1, 1999**

Research Training Fellowships - **October 1, 1999**

Clinical Research Grants - **November 1, 1999**

Research Grants - **November 1, 1999**

Dalsemer Research Scholar Award - **November 1, 1999**

Career Investigator Awards - **October 1, 1999**

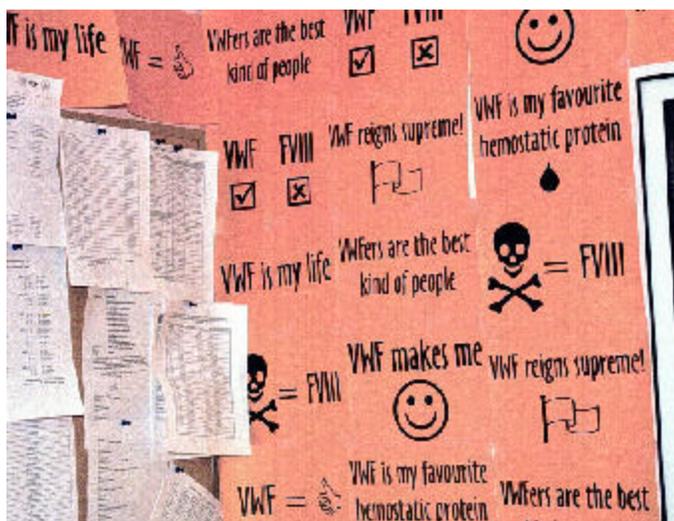
Johnie Murphy Career Investigator Award - **October 1, 1999**

For further information contact the American Lung Association, Medical Affairs Division, 1740 Broadway, New York, NY 10019-4374 or download grant applications from www.lungusa.org.

Ontario Program for Optimal Therapeutics

Promoting Optimal Drug Use and Therapy through Clinical Practice Guidelines and Related Educational Interventions. Physicians find it increasingly difficult to keep up with dramatic growth in the volume and complexity of medical research, and to incorporate high quality research findings in their daily practice. To assist physicians with their clinical decision making, the Ministry of Health has established the Ontario Program for Optimal Therapeutics (OPOT) to oversee the development of prescribing guidelines and other educational strategies.

Preference will be given to Principal Investigators associated with Ontario's University-affiliated Health Science Centres. OPOT will consider any proposal for research on any aspect of promoting appropriate drug use and optimal therapy, disseminating and implementing guidelines, and related educational interventions and application of drug use information. Specific examples include: The effectiveness of alternative modes of disseminating guidelines, including electronic media (networks, Internet, etc.), print media, "tool kits" of clinical information and guidance, individual personal contact, group CME programs, and the curricula of health professional education programs; Use of guidelines in the ongoing assessment of drug use in Ontario; Evaluation or comparative analyses of the effectiveness of specific strategies or models for guideline dissemination in promoting adoption of guidelines by health professionals in daily practice, and in affecting drug use patterns over the long term; Barriers to the use of guidelines, including patient compliance issues, and regulatory issues regarding standards of practice; Description and interpretation of actual patterns of drug use in clinical practice, e.g. to identify therapeutic areas that warrant guideline development, or geographic areas where implementation of guidelines might be effective; The role and impact of guidelines



The Office redocrating that went along with the award.

in educational or information interventions, including but not limited to local mentoring networks, health education curricula, or continuing medical education programs; Development and application of profiling (of physicians by specialty, geographic area and/or practice pattern; of other health professionals; or of the public), as an educational intervention; The impact of intra- or inter-organizational issues (relationships, culture, etc.) in the health system on the effectiveness of guidelines; The role of the private sector in the dissemination and application of practice guidelines (e.g. pharmaceutical industry, health-plan sponsors, Internet vendors); The requirements for and/or design of data monitoring, evaluation and review systems to support areas of research outlined above.

Proposal Requirements

The proposal (generally not to exceed ten pages) should include: Re the proposed research

1. specific statement of the research questions, objectives, scope or hypothesis;
2. description of the overall approach to the project, and proposed methodology and analysis of results;
3. description of the current state of knowledge, possible limitations and difficulties, including essential references;
4. statement of how the expected results will contribute to the promotion of optimal therapy;
5. evidence of the research team's experience, capacity, and familiarity with program evaluation, public policy formulation and related analysis.

In addition, attachments must accompany the proposal specifying project administrative and resource supports and requirements: the name, position, responsibilities and time allocations (number of days) of the principal investigator and of the proposed project team including any sub-contractors; detailed budget description (see Budget section, below); proposed dates for submission of the interim and final reports; list of approvals required to complete the project - e.g. ethics committee, participants'

consents - and plan for obtaining them; a detailed CV for the investigators and any other personnel with major involvement in the work. Proposals may be submitted electronically (in Word or WordPerfect format), as well as twelve copies in hard copy form. Applications that are incomplete will not be accepted. Please note the following submission deadlines: Monday, **May 17, 1999**; Wednesday, **September 15, 1999**.

International Life Sciences Institute (ILSI) Allergy and Immunology Institute

(<http://www.ilsa.org/aiiresearch.html>)

The International Life Sciences Institute's Allergy and Immunology Institute (ILSI All) is currently accepting preproposals for its year 2000 General Research Awards. ILSI All was established in 1989 to advance scientific understanding in the areas of allergy and immunology, particularly as they relate to the management of food allergies. Currently, All administers four research award programs, however, not all research award programs are offered each year.

General Research Awards are intended to provide support for established investigators already working in the area of food allergy and immunology, or investigators contemplating entering the field, for projects that will advance the state of the science, contribute significantly to the scientific database related to allergic reactions to foods, and encourage the application of new scientific developments to the understanding of underlying mechanisms and potential interventions in allergic diseases related to foods.

The deadline for submission of preproposals is Friday, **June 18, 1999**. It is anticipated that successful applicants will be asked to submit full proposals in **October 1999**, for projects to begin the year 2000, if funded. Please contact the All office to obtain copies of the current Request for Preproposals. (Also available from Office of Research Services) Copies can be obtained electronically from the ILSI website : (<http://www.ilsa.org/aiiresearch.html>). For more information, contact: Ms. Catherine Nnoka, Manager, ILSI Allergy and Immunology Institute, 1126 Sixteenth Street, NW, Washington, DC, 20036-4810, USA. Telephone 202-659-0074. Fax 202-659-3859. Email aii@ilsa.org www.ilsa.org/aiiresearch.html

Principal's Development Fund 1999/2000

Category A (\$50,000)

Application for support of Visiting Scholars may be made to a fund up to \$50,000 apportioned to and administered by the Faculty Deans to encourage academic visits by women, visible minorities, aboriginal peoples and people with disabilities. Apply by **May 12, 1999** with names of proposed visitors to your department, along with a proposed budget and itinerary. Send

this information directly to Heather Greenaway, Continuing Education, Faculty of Health Science, 78 Barrie Street.

Category B1

- i) To provide support to new faculty members to assist them in beginning their research programs and in obtaining external funding.
- ii) To provide seed funding in support of new research initiatives for established faculty members.

Submit on ARC forms **early in 2000** for the 1999/2000 competition.

- iii) To provide funding for SSHRC applicants whose grant applications received an adjudication of approved but not funded in the most recent competition.

Cystic Fibrosis Foundation Offers Clinical Research Grants

These awards offer support to clinical research projects directly related to the treatment and care of cystic fibrosis (CF). Projects may address diagnostic or therapeutic methods related to CF or the pathophysiology of CF. Applicants must demonstrate access to a sufficient number of CF patients from accredited CFF care centers and appropriate controls. These grants are unrestricted. A letter of intent is due by **June 1, 1999**. A maximum of \$80,000 per-year for up to three years may be requested for single-center clinical research grants. For multi-center clinical research, the potential award maximum is \$150,000 per year for up to three years. For more information, view the complete COS record at: <http://fundingopps2.cos.com/cgi-bin/getRec?id=825>

IDEA Grants in Breast Cancer Research

The Canadian Breast Cancer Research Initiative is pleased to announce an innovative new program of research support: IDEA Grants. The new IDEA grants will support innovative, new research ideas that are speculative, but have the potential for advancing scientific knowledge. They will support small-scale pilot studies or investigations of concepts to permit the investigator to test out new ideas which although based on good science, are outside of existing conventional research paradigms and could be deemed speculative. The expectation is that these ideas, once explored, will lead to the development of proposals for feasibility grants or operating grants. It is not the intent of the program to provide supplemental, add-on funding in support of existing, ongoing investigations. It is anticipated that there will be two competitions per year for the next four years. The first competition will take place **April 1, 1999**, with funding to begin July 1, 1999. The second competition will take place **January 1, 2000**, with funding to begin April 1, 2000. Application forms will be available by

February 1, 1999, and will be mailed upon your request, including full mailing address, to CBCRI at: (416) 961-7223 (phone); (416) 961-4189 (fax); email: cbcric@cancer.ca

National Health Research and Development Program Personnel Awards Update Call for Proposals for 1999 Competition

<http://www.hc-sc.gc.ca/hppb/nhrdp/updat98e.htm>

The National Health Research and Development Program (NHRDP) is the primary mechanism by which Health Canada invests in supporting the academic preparation of outstanding students, the sponsorship of new researchers, and the funding of research projects related to health policy.

Category Structure Eligibility Criteria

1. National Health Master's Fellowship, \$18,000 per year up to two-year term, full-time studies, application to Master's program with a health policy research (thesis) focus, completion of previous degree by **August 15** of competition year, tenable in Canadian centres

2. National Health Doctoral Fellowship, \$18,000 per year, up to four-year term, full-time studies, application to PhD program with a health policy research (thesis) focus, completion of previous degree by **August 15** of competition year, justification required for tenure outside Canada, justification required for tenure in same department/research environment as prior degrees, justification required for combined Master's/PhD programs.

3. National Health Post-doctoral Fellowship, \$30,000 per year, two-year term, research occupies 100% of time, completion of previous degree by **September 30** of competition year, no more than two years since last doctoral degree, not tenable in same research environment where post-secondary education received, justification required for tenure outside Canada

4. National Health Research Scholar Award, \$50,000 per year, five-year term, research occupies at least 75% of time, completion of PhD, more than two years and less than six years (inclusive) since last doctoral degree, tenable in Canadian centres.

1999 Competition for New Networks of Centres of Excellence Important Dates to Remember

March 31, 1999 Competition Announcement and 1999 Program Guide Posted on the NCE Web Site : <http://www.nce.gc.ca>

June 1, 1999 Deadline for Receipt of Letters of Intent
 Late June 1999 Groups Invited to Submit Full Proposals
 September 15, 1999 Deadline for Receipt of Full Applications
 October-November 1999 Expert Review of Full Applications

Dec. 1999-Jan. 2000 NCE Selection Committee
 Review and Approvals by the
 NCE Steering Committee and
 Treasury Board
 Results Announced Early February 20
 Any questions should be directed to André Isabelle, Director
 of the NCE Program at (613) 996-1445, email:
 ali@nserc.ca.

Cancer Research Institute (CRI) Clinical Trials Program

<http://www.cancerresearch.org/>
 Melanoma Initiative Pre-clinical Grants
<http://fundingopps2.cos.com/cgi-bin/getRec?id=18713>
 The Melanoma Initiative, a program designed by the Cancer
 Research Institute in partnership with Cancer Care, Inc. is
 dedicated to helping people who have melanoma or who
 have concerns about melanoma. The primary components of
 the program include the identification and support of
 promising research projects; an educational commitment to
 increase public awareness of the optimal detection,
 diagnosis, and treatment of melanoma; and the
 development and promotion of nationwide patient-support
 services. The Cancer Research Institute supports leading-
 edge investigations aimed at developing immunological
 methods of diagnosing, treating, and preventing cancer. The
 Institute has helped to establish the rapidly expanding field
 of cancer immunology, which seeks to utilize and strengthen
 the immune system's innate ability to combat cancer,
 through the use of vaccines, antibodies, cytokines, and
 immune cells. Amount: \$100,000 - \$300,000; Deadline:
September 1, 1999.

Melanoma Initiative Clinical Trials Grants
<http://fundingopps2.cos.com/cgi-bin/getRec?id=42010>
 The Melanoma Initiative, a program designed by the Cancer
 Research Institute in partnership with Cancer Care, Inc. is
 dedicated to helping people who have melanoma or who
 have concerns about melanoma. The primary components of
 the program include the identification and support of
 promising research projects; an educational commitment to
 increase public awareness of the optimal detection,
 diagnosis, and treatment of melanoma; and the development
 and promotion of nationwide patient-support services. The
 Cancer Research Institute supports leading-edge
 investigations aimed at developing immunological methods
 of diagnosing, treating, and preventing cancer. The Institute
 has helped to establish the rapidly expanding field of cancer
 immunology, which seeks to utilize and strengthen the
 immune system's innate ability to combat cancer, through
 the use of vaccines, antibodies, cytokines, and immune cells.
 Amount : \$150,000 - \$450,000. Awards are in the amount
 of \$150,000 per year for three years. Deadline: **September
 1, 1999.** The Cancer Research Institute (CRI) Clinical
 Trials Program website can be viewed at:
<http://www.cancerresearch.org/>

American Association of Pharmaceutical Scientists (AAPS)

<http://www.aaps.org/awards.html>
 The Lipid-Based Drug Delivery Systems Focus Group of the
 American Association of Pharmaceutical Scientists (AAPS),
 through the generosity of Gattefossé s.a., is sponsoring a grant to
 support the efforts of new academic researchers actively engaged
 in research in the area of
 lipid-based systems for oral drug delivery. Applicants must
 demonstrate a commitment to conduct research addressing the
 pharmaceutical, biopharmaceutical, or pharmaceutical
 technology issues pertaining to the use of lipid excipients in the
 design of oral dosage forms for poorly water-soluble drugs. In
 addition, applicants must demonstrate the potential for
 outstanding achievement in teaching and research in these areas,
 as well as the potential for future leadership in oral lipid-based
 drug delivery. Nominees must have less than seven years of
 academic experience and less than ten years of total postdoctoral
 experience. Amount : \$26,000; Deadline: **June 4, 1999.** The
 award will be presented to the recipient at the 1999 AAPS annual
 meeting and exposition in New Orleans, Louisiana

Ontario Association of Medical Laboratories

Application forms for the Research Trust Small Grants Program
 are available. \$70,000 is available to be awarded to support
 laboratory services research, evaluation or demonstration projects
 in Ontario. These grants support projects involving research
 designed to improve the efficiency or effectiveness of the delivery
 of laboratory services. Any public or private entity and any
 individual engaged in non-proprietary research in Ontario may
 apply for a grant. Applications must be received by **5:00 pm on
 Friday, May 14, 1999.** Please contact the OAML office if you
 would like application packages or further information.

The Fanconi Anemia Research Fund

The Fanconi Anemia Research Fund is dedicated to support
 families and patients affected by Fanconi anemia (FA), and to
 fund scientific research to develop a cure for Fanconi anemia.
 The fund's priorities for funding research are:

1. Identify and understand the function of the FA genes.
2. Facilitate clinical trials for FA patients, involving gene
 therapy, bone marrow transplantation, risk assessment, and
 leukemia and cancer prevention.
3. Determine the causes of bone marrow failure in FA, and
 develop treatments to prevent bone marrow failure.
4. Develop a model of clonal evolution and leukemogenesis in
 Fanconi anemia, and develop treatments to prevent leukemia.

Deadlines: **August 1, 1999**, December 1, 1999. Amount :
 \$40,000 to \$80,000

Association of Universities and Colleges of Canada

MEMORANDUM

To: International Liaison Officers
 From: Susan Winch, Manager, Partnerships Program,
 International and Canadian Programs Branch

Date: March 26, 1999

Re: Sabbatical Grants in Africa for Canadian Researchers
Please find enclosed the program guidelines for the Sabbatical Grants in Africa for Canadian Researchers (SGACR). The Association of Universities and Colleges of Canada (AUCC) is very pleased to administer this program on behalf of the International Development Research Centre (IDRC). Like its predecessor, the Sabbatical Grants for Africa, which AUCC administered for IDRC in 1997, the SGACR program strives to respond to the ever increasing interest from Canadian and African researchers for stronger partnerships among themselves. We recognize that the areas of interest are widely varied and that the potential for collaboration is even greater than before in almost all sectors. Our resources remain limited, however, and we need to restrict the number of grants to a total of four per competition. The grants will cover expenses of Canadian researchers visiting Africa related to travel, research and communication. Please note that the deadline for submission of all applications to the AUCC is **July 30, 1999**. In order to enhance opportunities for the sustainability of project results, the SGACR requires that applicants have the support of both the sending and hosting institutions, demonstrated by letters from both institutions as well as signatures on the budget page by appropriate authorities. If you have questions on the program and its selection process, please do not hesitate to contact my colleague, Mr. Dominique Van de Maele, who is the officer responsible for the management of this program at AUCC. 600-350 Albert, Ottawa, ON K1R 1B1. Tel: (613) 563-1236; fax: (613) 563-9745; <http://www.aucc.ca>

Trivia:

© There were approximately 10,064 pieces of email in and out of the Department during the month of April 1999.

Article Submissions

SUBMISSION DATE: Pathology News will be mailed to all faculty, housestaff, graduate students, and anyone who requests it on the Thursday following the first Monday of the month. The next deadline date for submission will be **Monday, June 7th, 1999**.

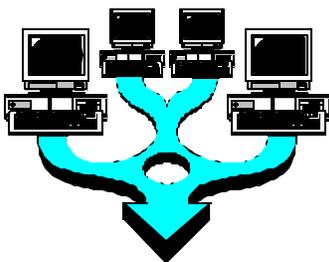
Send items (in order of preference) by: 1) email, 2) floppy disk, 3) paper mail, or 4) FAX.

Please type or print your submission and have it in a form ready to cut and paste into the newsletter. Don't forget to indicate who submitted the information.

Network News

We continue to have

intermittent problems with **Pegasus Mail** and File Attachments. A new upgrade version has just arrived and has started testing. With luck we should see it out sometime this month.



Microsoft has released Service Pack #5 for Windows NT. This is being tested out on 4 machines as we speak and if all goes well should be deployed later this month.

Y^{2K}

233 days, more or less, to go. A countdown clock is now available on our Home Page.