
Pathology News

Vol. 5 #1

January 1998

Ice Storm '98 (what a way to start the year)

MastHead Info

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

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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!



Photo Caption: The Time Statue on the Kingston Waterfront. 1990

From the Head

We survived 1997 - the most tumultuous year in the last 25 for the hospital laboratory - and emerged into 1998 transformed as a completely integrated Kingston Hospitals and Academic Health Sciences Laboratory Department. Over the last year we have completed the Core Chemistry/Hematology/Blood Bank Laboratory on Douglas 1 and have begun and completed the Histopathology/Cytology Laboratory with associated Faculty offices on Douglas 2 and the Microbiology Lab on Douglas 3. We can now benefit from the synergy of close collegial interactions, the efficiency of a concentration of greater volume and shared resources, and the effectiveness of more focused clinical specialization.

In all of this, we are the leaders in Ontario and we have to be. As the smallest department in the province, we have less barriers to overcome and the greatest need to innovate. We've an extraordinary faculty and staff who have proceeded with

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determination to succeed and patience for the inevitable frustrations and clash of competing ideas, all sustained by our tradition of mutual respect and collegiality.

The department's scholarly output has continued to improve. We have managed to stay out of the way of researchers and to occasionally facilitate their initiatives. The summary of our submission for the University Internal Academic Review written by Sam Ludwin which reviews scholarly achievements follows.

Through all of this I have become increasingly appreciative of the wisdom and stability of our traditions developed over the last fifty years, especially that of our two longest serving departmental heads. We intend to recognize the extraordinary achievements of Dr. Robert More, the Head from 1951-1966 in developing our focus on basic research and beginning the graduate program, and of Dr. Nathan Kaufman the Head from 1967-1979, who initiated the Cancer Research Laboratory and hired and mentored most of our senior faculty. More about this next month. A happy, healthy and productive 1998.

Dr. Paul Manley

INTRODUCTION AND EXECUTIVE SUMMARY of 1997 Internal Academic Review

The nature of Pathology as a discipline is special, as the subject bridges the interface between basic medical science and clinical practice.

Therefore the role of the Queen's Department of Pathology is distinctive at the Medical School, in that while playing a major role in the educational and research aspects of the school, it functions as both a basic science and a clinical department; at the same time it is responsible for one of the most technically and administratively complex service departments in the affiliated hospitals.

Therefore in assessing the Department for the Internal Academic Review, it is essential that both these functions be carefully considered.

The Department has achieved excellence in many areas of its mandate, by building on a policy of commitment to academic excellence, while at the same time taking into consideration the unique features offered by the local Queen's and regional environments. Of great importance in achieving this aim has been the establishment of a common set of values throughout the Department, in which mutual respect for excellence in all of the various aspects of Departmental work has been achieved among its members, and in which there has been little internal dissension about the need to mutually support the various diverse endeavours of the Department. In these endeavours, the strategic plan of the Department, and its vision are remarkably consonant with the recently articulated Vision Statement elaborated by the new Dean of Medicine.

The educational aspects of the Department have traditionally been very strong. The Pathology Department is unique in that it offers a complete range of educational facilities, from Undergraduate Medical, Undergraduate Life Sciences and Graduate Studies, to Postgraduate Resident levels. The evolution of teaching to Undergraduate Medical students has progressed from the delivery of traditional courses in General and Special Pathology under the old curriculum, to the integrated teaching of the new curriculum, a process still in progress, but one which has been readily embraced by the Department, which has shown a willingness to take a leadership role in the process. The Undergraduate Life Science programme has progressively expanded at Queen's, and concurrent with this, the enrolment in courses given by the Pathology Department has steadily increased. The Pathology Department is actively pursuing, together with other Basic Science departments, methods of collaborative teaching in this important programme. The Department's Graduate Studies programme has increased dramatically since its inception, with a major increase

in a number of Graduate students studying and doing research within the Department.

Traditionally, residency training in the Department has been very strong, with 4 programmes accredited by the Royal College of Physicians of Canada being offered. Queen's graduates have had a remarkably high rate of success in examinations in these programmes, and have gone on to take jobs in both the Academic and the Non-University sectors. The General Pathology training programme for years has been considered one of the best of its kind in the country, and the Neuropathology training programme has attracted applicants from around the world, who have then gone on to important academic positions in the country. The Pathology training programme like those all around the country faces tremendous challenges due to the recent restrictions on positions and entry imposed by the Provincial governments.

Since the 1950's, the Department, starting under the Headship of Dr. Robert More, has developed into an extremely strong academic unit. Although the Department is of relatively small size, in concert with the size of Queen's Medical School and the affiliated hospitals, (see comparatives for some figures) it has achieved a level of academic excellence, far in excess of that expected for its numbers. The Department attracts external funding of approximately \$2.7 million annually, in competitive grants, a figure among the highest in the Medical School in absolute terms, and by far the highest on a per FTE basis. (It should be pointed out that this figure covers only those Faculty members having a Primary appointment in Pathology - those with joint appointments in Pathology whose home department is elsewhere are not included in these statistics). As can be seen by the reference to the comparator medical schools, this is a record which puts the Department at the top rank of departments across Canada. Pathology Department researchers have 4 times within the last 10 years won the University-wide Excellence in Research Award, a record unmatched by any other university

department. Research groupings in the Department, in Cancer, Haemostasis, Amyloidosis and Neuroscience have been well established, with multiple links to researchers in other departments across the university, and internationally.

The service aspects of the Department take place mainly in the affiliated hospitals, Kingston General and Hotel Dieu. Together this forms an important component of the hospital budget and functioning. There is a complex administrative structure, which has traditionally encompassed 2 separate hospitals. With the restructuring taking place in the city of Kingston, within a few months this will be simplified with the formation of a single Department to be sited primarily at Kingston General Hospital. The clinical activities cover a wide range of specialist's and sub-specialist's expertise.

A major enterprise of a great practical and academic importance has been started with the introduction of the Clinical Laboratories of Eastern Ontario Regional Programme. This has been a landmark initiative, involving the provision of laboratory services, expertise and increasingly education by the Queen's academic department to the hospitals in the region of South Eastern Ontario. This exercise is a novel one, which is proving to serve as a model not only for other Academic Pathology Departments across the Province, but for Clinical Departments as well.

The Department is thus fulfilling the mandate of the new Dean's Vision Statement of the Medical School, in the Generation, Transmission and Application of knowledge. It has long concentrated on the training of excellent General Pathologists, while at the same time achieving international stature in the provision of selected sub-specialists' services. In the service and education sectors, the Department has served not only the entire local area, but has now embarked on an ambitious regional programme, taking into consideration the unique features of the South Eastern Ontario Health Sciences environment.

In the field of research, or knowledge generation,

international excellence has been achieved, through the formation of collaborative groups both within and outside the Department.

Ice Storm '98

Wow. Words fail me... mostly.

One of the most (if not the most) devastating natural disasters struck Kingston on Wednesday, Thursday and Friday (Jan 7-9) 1998. This newsletter was delayed because of the storm and we don't have any photos available at press time.

Today (Tues the 13th) there are many areas still without power, telephone and cable. Queen's University was shut down from Thursday until Today (Tuesday) with classes resuming Thursday the 15th.

Kingston General was on Emergency power at least once during the first power problems on Thursday the 8th.

Closer to home in Richardson Labs, we had two major power failures: Thursday the 8th from 03:25-10:08 (6 hours) and Saturday the 10th from just before midnight to 18:07 (18 hours). At times we had extension cords going across every floor into KGH powering the ultracold freezers in the labs. Most of the contents survived.

Our computer servers in the department are all connected to UPS (Uninterruptible Power Supplies - essentially lead acid batteries and power invertors) and shut themselves down about 14 minutes into each failure, with no damage.

That's about all the news I can get for now... the city is still under a state of emergency and we'll have more stories to tell after it is all over.

Submitted by Kevin Kell

Upcoming Events

Lunchtime Lecture Series

Local gardening experts will speak on everything from perennial borders to broccoli in a new lunchtime lecture series starting next month. Lectures will take place Thursdays from noon to 1 pm in Rm 1103, Biosciences Building. Details and registration: 545-6979. Space is limited, so register early.

Sponsored by Human Resources and Physical & Plant Services (Grounds).

There is no registration fee, but please toss a coin in the loonie/toonie bin to defray some minor expenses.

- 1.Jan. 22: Perennial borders, Michael Levison
- 2.Jan. 29: Starting seed indoors, Guy Garipey
- 3.Feb. 5: Herb gardening, Nancy Cole
- 4.Feb. 12: Unusual annuals in containers, Doug Green
- 5.Feb. 19: Flower arranging, Ann Levison
- 6.Feb. 26: Our gardens, ourselves, Jennifer Bennett
- 7.March 5: Xeriscaping (drought tolerant plants), Jane Good
- 8.March 12: Culinary uses of herbs, Nanci Corrigan
9. March 19: Growing roses in containers, Michael Twigg
- 10.March 26: Bedding plants: What's popular, what's new, Dave Minaker
- 11.April 2: Vegetable gardening, Larry and Anstace Esmonde-White
- 12.April 9: TBA

Congrats!

Congratulations to Plamen Koshev on passing his American Board Anatomic Pathology examinations.

Queen's News

The Queen's community has responded generously to this year's United Way campaign, says campaign co-chair Nick Bala. Current totals put the campaign within just \$7,000 of its goal, despite lower staff and faculty numbers.

United Way update

Goal: \$200,000

Total donations (faculty, staff, students and retirees) as of Dec. 24: \$194,791.08. (average donation \$204.98).

1998 Holidays

Thursday January 1st New Years Day

Monday February 16th Heritage Day (Reading Week)

Friday April 10th Good Friday
 Monday May 18th Victoria Day
 Wednesday July 1st Canada Day
 Monday August 3rd Civic Holiday



Monday September 7th Labour Day



Monday October 12th Thanksgiving Day
 Friday December 25th - Monday January 4th

The KGH Connection

Resolution Time!

KGH Lunch hour Aerobics
 New session 1998 January 05-1998 March 31
 Step-Classes followed by toning exercises
 12:05-12:50 Monday to Friday
 in the Burr Wing Gym
 Please bring cheque payable to "KGH Fitness"
 For more information call Pam Pero at KGH 4496
 Do it for you!

Research News

Richardson Get-Together

The monthly Richardson get-together (first one of 1998) will be on Tuesday, January 13th at 10:00 am in Richardson 3 Lounge: Birthdays (that we know of) for the month are: Blake Gubbins, Angela Keightley, John Rossiter and Samina Maurice.

Clinical News

1998 Holidays

Thursday January 1st New Years Day
 Monday February 16th Heritage Day
 Friday April 10th Good Friday
 Monday April 13th East Monday
 Monday May 18th Victoria Day
 Wednesday July 1st Canada Day
 Monday August 3rd Civic Holiday
 Monday September 7th Labour Day
 Monday October 12th Thanksgiving Day
 Friday December 25th Christmas Day
 Saturday December 26th Boxing Day
 Monday December 28th (Boxing Day)

Congratulations to the Histology Lab, KGH, for providing a witty Christmas interlude to the daily grind on December 19. Quite apart from lifting the spirits of those present after a very stressful year, this event raised \$101.50 for Christmas baskets for some needy families sponsored by the Salvation Army. Cheers to the lab staff and to all who attended.
 Dave More

The play put on by the histology lab staff raised \$101.50 which was immediately donated toward the Christmas dinner baskets organized by the Salvation Army. These proceeds were above and beyond the donations also raised within the department to sponsor Christmas baskets for two families.
 Michael Rutherford

Positions Available

McGill University - Positions Available

The Department of Pathology at McGill University has four positions available.

Locum Tenens at Montreal General Hospital and Royal Victoria Hospital sites starting January 1st 1998 and extending to December 31st 1998. The position requires that the candidate spend most of the time doing surgical pathology with possible additional time in cytopathology and autopsy pathology. Opportunities are also available for participation in teaching of residents and medical students, and in collaborative or clinical research. The successful candidate will be certified in Anatomic Pathology by the Royal College of Canada, and/or the College des Medecins du Quebec, and will have high quality diagnostic expertise required of a surgical pathologist. Send letter of application, a recent curriculum vitae and the names and coordinates of at least 3 referees.

Staff Pathologist at its Montreal General Hospital and Royal Victoria Hospital sites, starting between January 1st and July 1st, 1998. The position is for a non-tenure track academic diagnostic surgical pathologist with specialized training and expertise in one or more of the following subspecialty areas: genito-urinary pathology, dermatopathology, head and neck pathology, or gastrointestinal/hepatic pathology. In addition, participation in the teaching of residents and medical students, and in collaborative or clinical research is expected. Current established research funding or ability to obtain it, would be strong assets. Send a letter of application, a recent CV and the names and coordinates of at least 3 referees by March 1, 1998.

Tenure Track Physician/Scientist, preferably but not necessarily a pathologist, for its Montreal General Hospital and Royal Victoria Hospital sites, starting between March 1st and July 1st, 1998. The position is for an academic scientist, preferably a pathologist



with specialized research training and expertise in a relevant research area, preferably including an area of molecular pathology. Current areas of strength in the department include research in cardiovascular diseases, endothelial biology, immunology and transplantation biology, lung diseases and cytokines, occupational and environmental pathology. Thus a demonstrated research track record in one of the aforementioned areas or for example in cancer pathobiology would be most appropriate. The successful candidate would spend at least 50-75% of time doing research, with in addition, participation in the supervision and teaching of graduate students, residents and medical students. Preference will be given to candidates certified in Anatomic Pathology by the Royal college of Canada, and/or the College des Medecins du Quebec, although an individual with a PhD and a strong research background and productivity will also be given due consideration. Send a letter of application, a recent CV and the names and coordinates of at least 3 referees by March 1st, 1998.

Staff Pediatric Pathologist at the Montreal Children's Hospital and McGill University. Expertise would be particularly appreciated in the areas of neuropathology and gastrointestinal and liver

pathology. Candidates should be certified by the Royal College of Canada and/or the College des Medecins du Quebec in Anatomic Pathology and eligible for licence in the Province of Quebec. Participation in teaching and clinical research activities is expected, and ability to develop and independent research program would be a distinct asset. Send a letter of application, a recent CV and the names and coordinates of at least 3 referees by March 1st, 1998.

Application for the above four positions should be sent to: Dr. Rene F. Michel, Professor and Chair, Department of Pathology, McGill University, Lyman Duff Medical Sciences Building, 3775 University Street, Room B15, Montreal, Quebec. H3A 2B4. email: michel@pathology.lan.mcgill.ca, fax: 514-398-7446, telephone 514-398-7192, ext. 7194.

The University of Michigan Medical School

The Cardiovascular Research Center at the University of Michigan invites applications for postdoctoral fellows to train in basic and clinical cardiovascular science. Candidates must have a PhD or an MD degree and be a permanent resident or citizen of the United States of America. Postdoctoral fellows will have the opportunity to learn a broad range of experimental strategies including molecular, genetic, cellular and integrative biological approaches. Trainees will participate in other scholarly activities including a basic science lecture series on molecular and cellular cardiology, the Cardiovascular Research seminar series, a journal club and an annual research symposium. Applicants should send a curriculum vitae, a statement of research interests and career goals, and the names of three references to: Elizabeth G. Nabel, MD, R. Clinton Webb, PhD, The Cardiovascular Research Center, The University of Michigan Medical Center, 7301 MSRB III, 1150 West Medical Center Drive, Ann Arbor, Michigan 48109-0644. Application deadline: February 1, 1998. Beginning date of fellowship: September 1, 1998.

Association of Canadian Medical Colleges

The APMC Young Educators Award for achievement in medical education is funded by Glaxo Canada Inc. The award consists of \$500.00, an appropriate certificate of recognition and the provision of travel costs to the Annual Meeting to receive the award. The deadline for submission of nominations has been extended to **January 15, 1998**. Please include the nominee's curriculum vitae with their nomination. Candidates nominated in previous years who are still eligible for the Award, may be resubmitted to consideration. For a copy of the Terms of Reference, see Barb in Dr. Manley's office.

University of Pennsylvania

Assistant Professor in the Medical Pathology Section of the Department of Pathology and Laboratory Medicine at the University of Pennsylvania. Applicants should have an MD or MD/PhD with postdoctoral training in signal transduction, aging or neurodegenerative disease research and be Board Certified in Anatomic Pathology. Clinical responsibilities in autopsy pathology will allow development of an independent research program. Interested candidates should submit a statement describing current and future research plans and a CV along with three references to Dr. J.Q. Trojanowski, Medical Pathology Section, Division of Anatomic Pathology, Department of Pathology and Laboratory Medicine, University of Pennsylvania School of Medicine, 3 Maloney, 3600 Spruce Street, Philadelphia, PA 19104-4283, fax: 215-349-5909.

Sentara Norfolk General Hospital

Looking for a pathologist with a fellowship or extensive (not just residency level) experience in GYN Pathology to join their private group. They have a large volume of GYN cases and would like someone to do general surgical path and oversee the GYN pathology - especially the tumour work and GOG cases. This position is open immediately. This private group is closely associated with Eastern Virginia Medical School and the Jones Institute of Reproductive Medicine. They are only recruiting someone with advanced training/experience for this

position. Please do not encourage residents in training to apply. Compensation will be commensurate with training/experience. Contact Dr. Rich Moriarty, Medical Director of Laboratories, Sentara Health System, c/o Pathology Department, Sentara Norfolk General Hospital, 600 Gresham Drive, Norfolk, VA 23507, USA. Tel: 757-668-3221, fax: 757-668-3799.

Grants'n'Such

Harvard Medical School

Harvard Medical School, Department of Continuing Education is offering a "Program for Leaders in Medical Education", June 14-19, 1998. Applications should be submitted by January 23, 1998. The cost is \$1,095 which includes tuition, all course materials, breakfasts and lunches on Monday through Friday and dinners on June 14 and 18. For more information and application form please see Barb in Dr. Manley's office.

Bayer Blood Partnership Fund

This is a call for Letters of Intent for the April 1998 grant competition. The Bayer Blood Partnership Fund replaces the similar Bayer/Canadian Red Cross Society Research and Development Fund. The Letter must be received by Friday, January 30, 1998. The Letter must be no more than one page (including references) and have a font size no smaller than 12 point. Appendices are not permitted. The letter must include the following information: name of principal investigator, address, telephone, fax, and e-mail of principal investigator, names of co-investigators, project title, rationale, experimental plan, estimated budget, project duration (usually one or two years) and a separate one-page covering letter on institutional letterhead signed by all investigators.

Thyroid Foundation of Canada Research Fellowship

Eligibility - postdoctoral students at Canadian universities in life sciences programs and in rare instances, Master's students with a research base

related to the thyroid. Value of \$30,00 with a deadline of **February 27, 1998**. Applications available from the Office of Research Services.

Amyotrophic Lateral Sclerosis Society of Canada Research Grants

Grants in aid of research are available primarily for basic research into the causes of and potential treatments for ALS and may not be used for clinical trials of procedures or treatments, with a value of \$10-50,000. Deadline **January 31, 1998**. Application forms available through the Office of Research Services.

Cancer Research Society, Inc.

An operating grant is the major way the Society provides support for new or continuing research activities by independent scientists of small groups of investigators. All applicants must hold an academic appointment in a Canadian University. Research funds cannot be used for students, fellows, equipment, or travel. Deadline for applications is **February 15, 1998**. For details on the funding program and for application guidelines, please visit the website at www.cancer-research-society.ca. Applications are also available from the Office of Research Services.

American Academy of Allergy Asthma and Immunology

Two more research award applications: Janssen Pharmaceutica Research Award in Allergic Rhinitis and the Zeneca Pharmaceuticals Asthma Research Award. These awards have a **January 12, 1998** deadline. For more information please see Barb in Dr. Manley's office.

Education and Research Trust Faculty Development Award 1998

The objectives of this award are to support young faculty doing research and to promote the specialty of allergy/immunology in academic institutions. The award is for \$30,000. This award is open to researchers of June faculty status, either instructor, Assistant Professor of the equivalent grade.

Applicants must have AAAAI membership or have submitted an application for membership. The deadline is **January 12, 1998**.

Respiratory Diseases Research Award - Glaxo Wellcome (AAAAI)

The goal of this award is to support promising investigators and to promote research in the area of respiratory diseases. The award is for \$25,000. The applicant must have an AAAAI membership or have submitted an application and be a fellow-in-training, resident or post-doctoral scholar. The deadline is **January 12, 1998**.

Jaffe Family Foundation Food Allergy Research Award (AAAAI)

The goal of this award is to support promising young investigators and to promote research in the area of food allergy, specifically in the characterization of food allergens and the immunopathogenic mechanisms associated with food allergic disorders. The award is for \$25,000. The applicant must have an AAAAI membership or have submitted an application, be a fellow-in-training, resident or post-doctoral scholar associated with an approved allergy and immunology or clinical and laboratory immunology training program approved by the Accreditation Council of Graduate Medical Education. The deadline is **January 12, 1998**.

Richardson News

“News From Away”

Hi Kevin, I have a new address now, and a new lab as listed below. I started a second postdoc here in March with the same group but different PI.

Thanks for sending the newsletters. Things have sure grown with the Path department.

Cheers, Liz

Elizabeth W. Murray, PhD

Cancer Biology Research Group

Department of Medical Biochemistry

The University of Calgary

E-mail: emurray@acs.ucalgary.ca

Reminder!!

If you book Richardson Rooms 102 or 107, please remember to return the keys, leave the rooms clean and tidy, and lock the doors when you are finished.

Network News

The Library computers (all except workstation#1) have had some new software installed... a client program for the Bracken Library Medline/Ovid service. The old winqvtnet telnet program has been left on the systems as well. The new program has a nicer user interface and allows for use of the mouse.

There has been some work on the network infrastructure in anticipation for the move of people from Douglas5 to Douglas3.

Email - Over the last few months we have had more than the average amount of trouble with email to destinations outside the department. Some of this can be attributed to outside people & organizations who have been sending thousands of messages through “innocent” email servers acting to route the mail. You may have even received some of this “Unsolicited Commercial Email” or Spam. This problem has been growing and growing and often shuts down entire email systems due to overload. Various steps have been attempted to shut down these abuses and some of these steps have adversely affected normal email operations (temporarily). Queen’s University has recently (January 13th) implemented a campus wide solution to some of these problems. If you notice any problems with *your* email (incoming or outgoing), please notify Kevin as soon as possible with details.

Queen’s Computer Courses

Who Can Take the Sessions?

Information Technology Services sessions are for Queen's faculty, staff and students. The registrant

must show his/her current Queen's faculty, staff, or student card for verification.

Connecting to Queen's Jan 20, 1998 19:00
Introduction to Electronic Mail Using Eudora
Feb 11 1998 13:30
Introduction to Web Publishing in Windows
May 5 1998 09:30
Mar 2 1998 13:30
Jan 28 1998 09:30
Web Publishing: Colour, Images and Backgrounds
Feb 18 1998 13:00

Web Publishing: Forms
Feb 2 1998 13:00
Web Publishing: Frames
Mar 10 1998 13:00
Web Publishing: Layout and Design
Mar 26 1998 13:00

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 February 2nd, 1998*

Send items (in order of preference) by: 1) email, 2) floppy disk, 3) paper mail, or 4) FAX. If the submission is lengthy and if publications number more than 1 or 2, please send on disk (which will be returned promptly) in virtually any format or put on the Pathology network, location *pathology\drive2:general\pathnews* (more commonly mapped as drive g).

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.

RETURN TO:

Email: *kell@cliff.path.queensu.ca*

Regular Campus Mail:

Kevin Kell, Rm. 411, Richardson Labs, Queen's University, Kingston, Ontario K7L 3N6 Canada

FAX: 613- 545-2907