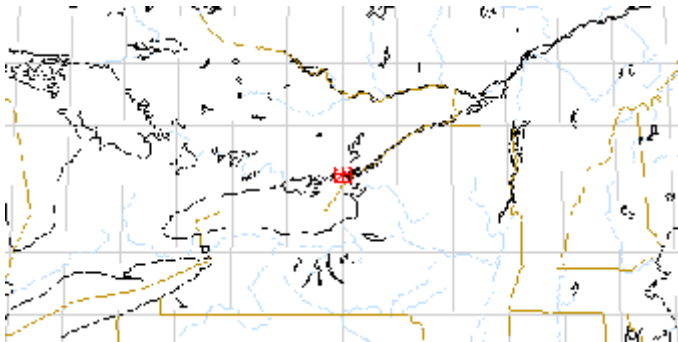


Pathology News

Vol. 7 #10

October 2000



From the Head

Effective October 1, 2000, John Rossiter has succeeded Dr. Sam Ludwin as Program Director, Neuropathology as well as the Head of Neuropathology, a subunit of the Anatomic Pathology Division.

Welcome to Harriet Feilotter (now located on Douglas3)

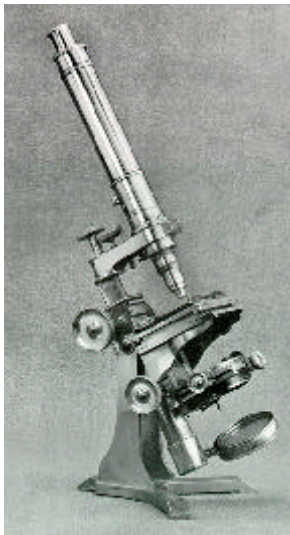
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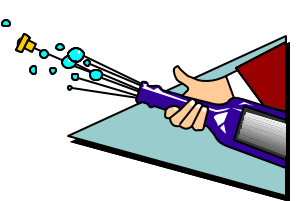
We publish only that which is submitted! (There are no expense accounts and no reporters) If there is no news about your area that means we haven't received any!



For Your Information

Queen's pension plan posts 20-per-cent return

Queen's Pension Plan members will see their Money Purchase accounts increase by more than 20 per cent this year, thanks in large part to this year's top performing equity market, the Toronto Stock Exchange. As well, Queen's retirees can expect to see their pensions increase by slightly more than 8 per cent as a result of the post-retirement indexing formula that is built into the Queen's plan. Details coming up in the Oct. 10 Gazette.



Yay! Early Retirement here we come!

Retirement of Dr. J. Kennedy

Dr. Jim Kennedy, a long-time member of the Department of Pathology, retired on June 30th, 2000. For those of you who do not know Jim, he is a man of eclectic interests, not given to following a crowd, or joining a band wagon, but a man of individual thought. This is reflected in the way he led his life and how he pursued his research interests.



Dr. Kennedy completed his undergraduate and medical degrees at the University of Toronto, the latter in 1961, and he subsequently completed a PhD in Medical Biophysics in 1966. After two years as a National Cancer Institute of Canada postdoctoral research fellowship, held at the Salk Institute for Biological Studies in San Diego, California, Jim joined the Department of Pathology at Queen's University and subsequently the Kingston Regional Cancer Center at KGH as a Senior Scientist where he pursued a remarkable research career.

His early interests were in the role that the immune system played in the development and progression of malignancies. In the early 1980s he abruptly changed direction (a repeating theme in Dr. Kennedy's research career which resulted in the nickname "grasshopper") and began to examine the possibility of using protoporphyrins as a tool for the treatment of malignancies. This idea came to Jim after he recognized that porphyrins had neurotoxic properties, the mechanisms which may have been due to cellular photosensitization from one of the porphyrin metabolites. Although this did not seem to be a popular idea with others, Dr. Kennedy and Dr. Roy Pottier (a colleague at the Royal Military College) developed photodynamic therapy as early as 1987. The advantages of the photo-therapeutic approach were the treatment's immediate effects in killing tumour cells, the good cosmetic results, and the lack of any systemic side effects. Photodynamic therapy is now used the world over to detect and treat cancers of the gastrointestinal, respiratory and urogenital tracts, in addition to a variety of primary and secondary malignancies and pre-malignant conditions of the skin.

Queen's University patented this technique and licensed it to DUSA Pharmaceuticals where it has recently been approved by the US Food and Drug Administration for the treatment of actinic keratoses. This commercial success is yet another example of taking a novel basic research idea and as the results emerge, being astute enough to recognize the therapeutic potential without having originally explored the idea specifically to develop it for therapeutic purposes.

Although Dr. Kennedy's research activities will be significantly diminished during his retirement, he plans to continue providing his services to patients who require them.

The Department wishes Jim and his family happy retirement years and continuing success with his clinical activities.

Submitted by: Dr. R. Kisilevsky

Updated equity guide now available

The Guide to Equity Resources at Queen's has been updated and is now available on the web. Staff, faculty and students can consult the guide for current equity resources on gender, racism, equity policies and other diversity topics. The updated guide was the project of Queen's student Shannon Dent, who worked with Human Resources this summer to research and format the web-based information.

Applications for Sabbatical and Academic Leave

Applications for all members of faculty (clinical and QUFA bargaining unit members) are due in the Faculty Office by **Monday, October 30th, 2000**. Application forms are available from Barb in Dr. Manley's office.

Milestones

15 years

Patricia Falkner
David Lillicrap

Convocation

Faculty are encouraged to attend the Faculty of Health Sciences convocation on **October 26, 2000 at 2:00 pm** to be held in Grant Hall.

Canada Saving Plan for Queen's Employees

Human Resources has the 2001 Canada Saving Plan applications and Employee Plan Change forms. Employees already enrolled and who do not wish to make any changes to their deduction amounts, **do not need to do anything** - contributions will continue as before. Those who want to make changes to their existing plans - e.g. increase/decrease contribution amounts - will need to complete an Employee Plan Change form. Employees wishing to open a new plan will need to fill out an application form. Employees wishing to discontinue their plans, need to send a memo to the HR department. The first payroll deduction for employees making additions/changes, will take place in December and will be reflected on December's salary advice slips.

If making changes or enrolling for the first time, the completed forms should be returned to the HR department **no later than October 27, 2000**.

Applications and Employee Plan Change forms can be picked up in the HR Department main office, Richardson Hall.

Congratulations to Awards

Lloyd Kennedy who received the RSA Prentice Award for Excellence in Teaching.

Jason Sack and Tim Childs who jointly received the RSA Prentice Award for the best presentation by a pathology resident.

Funding Received

Dr. David Lillicrap, Laboratory Centre for Disease Control Health Canada, 2000-2003
A National Hemophilia Mutation Testing Program

Dr. David Lillicrap, Bayer/CBSPartnership Fund, 2000-2002
Inhibitor development following factor VIII gene therapy: Evaluation of a mouse model

Drs. David Lillicrap, Mike Nesheim, Marlys Koschinsky, Graham Cote, Don Maurice and David Lee, Heart and Stroke Foundation of Ontario, 2000-2005
Collaborative studies of hemostasis, fibrinolysis, and vascular cell growth and function

Publications

P *A Single Nucleotide Polymorphism at Nucleotide - 1793 in the von Willebrand Factor (VWF) Regulatory region is Associated with Plasma VWF:Ag Levels*

Philip Harvey, Angela Keightley, Y. Miu Lam, Cherie Cameron and **David Lillicrap**
British Journal of Haematology 109:349-353, 2000.

The Factor VIII Acute Phase Response Requires the Participation of NfκB and C/EBP

Megan Begbie, Colleen Notley, Shawn Tinlin, Lisa Sawyer, **David Lillicrap**
Thromb. Haemost. 84:216-22, 2000.

Alumni Corner

A Tribute to Dr. G.F. Kipkie

It was a delightful, rare and treasured vignette of the Department of pathology as it first developed, was carefully nurtured, and flourished. The ivy covered walls, so to speak, were laid bare to show off the strength of the foundation stones laid so long ago.

Pathologists, at least the Queen's ones seem to last a long time and weather well. So it was that on September 12, 2000, an illustrious group of departmental members current and past, came together to recognize in a formal way the contributions of the Department of Dr. G.F. (Bud) Kipkie. For some 30 years the Director of the Laboratories, it is unlikely that anyone will come close to matching that feat certainly in a Teaching Tertiary Care Hospital. That it was Bud's 85th birthday seemed irrelevant and certainly inaccurate a measure of age. For although he sported a walking stick, one was not sure that it was used for walking as at least at one point he was about to challenge Bob More to a fencing match.

Ably chaired by the current Chairman Paul Manley, a succession of prior Heads and Chairs reminisced about past days. Bob More spoke of the critical necessity to get the right man for the job and of the matching strengths of the two of them in the early days. Howie Steele was an integral part of the department and Bud and Howie were close colleagues. Howie was unable to be present but good wishes and thoughts were passed on.

Nate Kaufman took over the reins and with Bud managing the lab, recruited many of the members (some now retired) that moved Queen's to front and centre on the Canadian and North American maps as a place to train.

David Robertson noted quite rightly how important it was to have been in Saskatchewan. Bud had been the

Director of Labs at the Grey Nuns, a job my father held for many years, a generation or so later.

Several spoke to Bud's skill as a teacher. Punctuality was expected and it still, by the way, is an assessment point on the In-Training Evaluation Report for residents. Bob Kisilevsky and Bill Corbett reflected on their times of training with Bill providing a dramatic one-act rendition of the intra-operative consults - knife and all. Both Bobs, More and Kisilevsky spoke to the gruffness of Bud, but as you knew the man better, slowly one realized two things. Firstly, it meant no nonsense and straight forward talk - no flim-flam was tolerated. Secondly, behind all that was a kind and considerate man who respected you, who was concerned for you and would help you. Al Fletcher, of my generation, reiterated these points and recalled some of Kipkie's "Rules of Pathology". Sam Ludwin spoke warmly of his working relationship and noting the respect due to an Alfisti (owner of an Alfa Romeo). Daria Haust recalled the early days and the setting up of the residency programme to include clinical pathology.

So it was on such a backdrop of warm words and remembered memories, that Bud stepped to the lectern.

Quietly and graciously with prodigious recall he described the earlier years, the challenges, the rewards and the generations of friendships. A few corrections to the prior stories were made but not many. It was a time of the right people, working together, seizing the opportunities and developing over the decades a strong multipotential department recognized for its teaching, its diagnostic skills, its research and its role through various members in the development of pathology in Canada. Bud was, unbeknownst to many one of the founding members of the Canadian Association of Neuropathologists although he claimed never to have paid dues. Sam Ludwin reaffirmed he was still a member! Bud acknowledged how much help and support he has from Mack. We did determine by nefarious means, and with Mack's help, that Bud does enjoy music but one was not fully clear on the full meaning of the George Frederick (Kipkie) or (Handel).

The finale was the presentation of a truly magnificent photographic portrait of Bud which now hangs on Douglas 2 right outside the secretarial pool. He can keep an eye on

things - he probably has a deal with his 'old' secretary Carolyn - just to make sure those surgical reports are right.

It is too late now of course, but Bud was renowned for looking at the slide with the naked eye and then, diagnosis half made, would confirm it with a rapid pass through at low power. Use of the high power objective was frowned upon! But....did anyone check all those objectives on Bud's microscope? If the theory is right there should have been only one!

From your colleagues and friends of many years a warm Happy Birthday and perhaps a simple and heartfelt thank you from all those present, and from all those whose life you have touched. Thank you Bud.

Submitted by: Dr. D. Dexter
(see pictures on next page)

Letters from individuals who were unable to attend:
Dear Bud:

Happy Birthday! I had hoped to be in Kingston to greet you but unfortunately another old codger, my father, decided to visit us. As you are a relative chicken by his standards, he is 3 years your senior, he had to take priority! Seriously, I am really sorry that I could not be with you to join in the roasting. The latter would not be complete without me reminding the new recruits to the department that the first question I got in my recruitment interview with you was "Why is McMaster kicking you out?"! Even the twinkling eyes that accompanied the question would not make that politically correct in 2000!

Anyway, if they did kick me out (I am not sure I ever answered your question!) it was probably the best thing that ever happened to me after meeting Hilary. There are so many fond memories but certainly high on the list was your retirement dinner and the preparations we put into the cabaret in your honor. I still have nightmares that I am being lectured by Sam Ludwin that my tendency to *ad lib* was all very well for me but it was somewhat difficult for the other members of the 'cast' to know exactly where they were! It is difficult to believe that this was twenty years ago but you will be pleased to

know that I am now the owner of a 'Carte Senior' which entitles me, amongst other things, to 50% reductions on all train and plane fares in France! So age does have its compensations!

Well I must be brief as I am sure this is only one of many salutations. Again I am sorry I could not actually be there. I would have loved to see those twinkling eyes as I delivered my loving insults. Thank you for all that you did for me. Thank you for the fun we always had. Keep the golf club swinging until we do have the chance to get together again. Hilary sends her love. You will be pleased to know that she has become a golfing addict. That means that I have become a golfing widower. I keep her in her place by reminding her that it was me that won the department's Duffer Trophy. I can't remember when that was but Mike Raymond will confirm that I am not lying!

With love from both of us and wishing you many happy returns
Yours sincerely, Alan R Giles MD, FRCP(C)

Card from Dr. Santosh Wasan:

Dear Dr. Kipkie:

We wish we could wish you a very happy birthday in person, but our commitments in Toronto do not allow us to leave from here. Our thoughts and good wishes are with you and we wish you a joyful happy 85th birthday.

Toshi & Madan

A Thank you from Dr. B. Kipkie to Dr. Manley:

"Dear Paul:

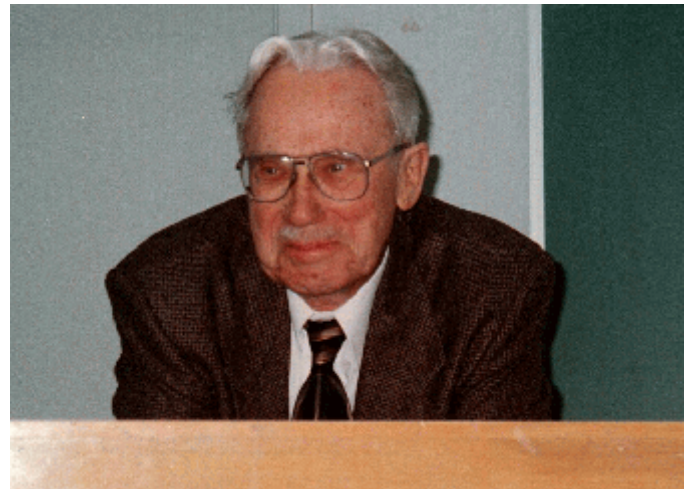
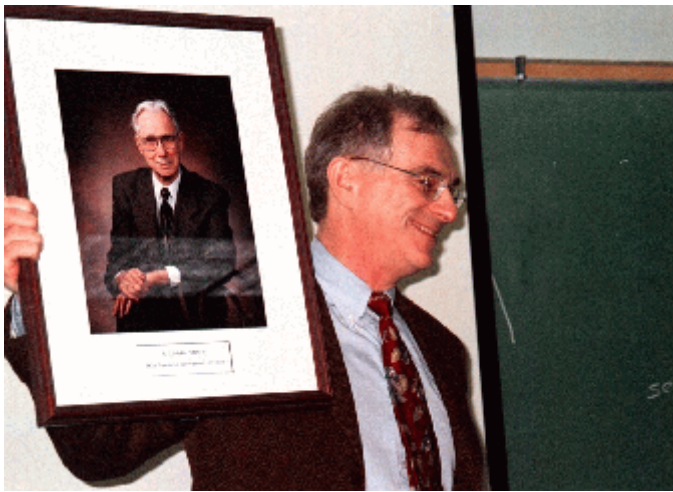
Thank you very much for your efforts on my behalf. I did appreciate it very much.

I must admit I don't remember doing or saying the things I was accused of but I expect there wasn't much exaggeration.

It was great seeing members of the department and again please accept my thanks.

Sincerely, Bud"

A Tribute to Dr. G.F. Kipkie



D r. Dexter's Corner

GENES AND ROTTEN SOCKS: THE PSEUDOMONAS STORY

Two small articles in recent Lancets, (356:918 and 356:613-614, 2000), deal with our old enemy *Pseudomonas aeruginosa*. The earlier commentary bemoans the burdensome disease of cystic fibrosis (CF) and the almost inevitable link to colonization and infection by *Pseudomonas*. An unfortunate outcome of the summer camps for children and young adults with CF is that, in addition to bringing together children with similar challenges, so does it allow for the sharing of resistant bacterial organisms. *Pseudomonas* is a chief offender. Not only can it become rapidly resistant to a multitude of antibiotics, it can also indulge in the phenomenon of "quorum sensing". For anyone who has chaired committees over the years, this is a valuable skill and has allowed much university and hospital business to proceed in the absence of real numbers and physical presence of members (the Virtual Committee). So, too, is this process similar for the *Pseudomonas*. For when the population is low, individuals stop producing a number of key virulence factors as if hiding or laying low to escape detection. But as their numbers increase, they begin to behave in a coordinated fashion, surrounding themselves in a slimy matrix that acts as a shield from antibodies, complement, and cellular armies, all the while releasing slews of destructive enzymes and virulence factors.

Our usual approach in patients with CF is to treat acute exacerbations with antibiotics, but there is evidence that more intense and regular antibiotics dosing may be more effective including intrapulmonary therapy.

A third article in *Nature*, 406:959-964, provides insight and understanding and, perhaps, the opportunity for new treatment strategies. The genome of *Pseudomonas* has been deciphered (6.3 million base pairs). Researchers were "stunned" at the size and complexity. Following three years work by a collaboration from the University of Washington, PathoGenesis, and the US Cystic Fibrosis Foundation, the following picture emerged.

A large number of genes were involved in regulation (command control) and a large number of pump systems were identified. Both these features indicated much redundancy, but also provided a sophisticated, remarkably high level of rapid adaptation. Quite simply, while many antibiotics should or would kill the organism, the ability and action of any or many of 10-12 drug efflux systems, ensure the toxic challenge is rapidly neutralized and removed. Further, the ability of the bug to move and exist in a wide range of micro-environments, may be attributed to multiple (at least four) mobility systems. It is not surprising that the altered lung and its pathology in cystic fibrosis offers an environment in which *Pseudomonas* may linger, survive, and thrive and be so difficult to treat.

What one had not realized, is the evolutionary complexity of this microbe. It is not dumb. It has genetic complexity approaching yeast, and its genome is about 40 percent of the size of *Drosophila melanogaster* (fruit-fly). But when all is said and done, knowledge of the *Pseudomonas* genome does help explain its pathology and possible future therapy. What of the human genome project? We should expect similar benefits.

David F. Dexter, MD

Clinical News

Ana Cachaco is the first brave soul to move from the wilds of Doran² into the wonders of civilized Douglas⁴! The rest of the people/lab/equipment will be moving over around the end of October and early November. Welcome!

Friendly Reminder - Please Post
Tue, 12 Sep 2000 09:35:32 -0400

Just a reminder to all KGH staff that rollerblades are not to be used while inside the hospital. Also, bicycles are not permitted in the hospital. We ask that you use the bike racks provided at the main entrance and the Watkins parking lot.

Thank you for your cooperation.

Tom Davis, Acting Manager Security Services

Grants and Such

Grants have grown to such a huge page of the newsletter that we have split them off into a **separate supplement** to the newsletter. All researchers & faculty will receive the supplement as well as any one else who wants it. Otherwise the rest of the subscribers get everything but.

There are 18 pages for October.

These are available on our web site:

<http://www.path.queensu.ca/pathnews/grants.htm>

Don't Want No Worms in Me (A Blues Song)

Parasites in my water, parasites in my food,
I'd tell you where there's more, but its really just too rude.
You can get them when you travel, they're not extra, it's all
for free
Better take your medication, don't want no worms in me.

Chorus

The worms are out to get you,
On this planet far and wide,
Doesn't matter where you go,
There is no place to hide!

Camping in the backwoods, drinking from a mountain stream,
I felt things move inside me, God, This isn't just a dream,
That pain, a Cramp, it hit me, nearly dropped me to my knees,
I had the trots, I had the runs, don't want no worms in me.

Their eggs were here before us,
They'll be here when we're all done
I hope my insides stay nice and clean
Cause parasites are no fun!

People say the water in this province is quite sage for you to
drink
I can tell that you're a fool if that's really what you think
You'll have to find a washroom, you need it now you see,
Your nightmare has just started, don't want no worms in me!

The worms are out to get you,
On this planet far and wide,
Doesn't matter where you go,
There is no place to hide!

There's tapeworms in your piggies, there's tapeworms in your
beef,
You cook them well that's all, if you want to skip the grief.
If you're sick, you call the doctor, ask them how much for the
fee
Pay them anything at all, cause don't want no worms in me.

Their eggs were here before us,
They'll be here when we're all done
I hope my insides stay nice and clean
Cause parasites are no fun!

Submitted by Jim Gauthier

Richardson Research
Seminars
2000
Tuesdays at 4:00 pm, Richardson
Amphitheatre, Richardson Laboratory



Please note that the Library has installed Exambank onto a new, more powerful server.

This means a new URL:

<http://130.15.161.50/exambank/>

Date	Speaker
October 17, 2000	Dawei Zhang, PhD Student
October 24, 2000	Dr. Xiang-Jiao Yang Montreal
October 31, 2000	Dr. Bruce Elliott
November 7, 2000	Suzie Abu-Abed, PhD Student
November 14, 2000	Dr. Virginia Walker
November 21, 2000	Annie Killoran, MSc Student
November 28, 2000	Dr. Patricia Tonin, McGill Univ.
December 5, 2000	Dr. Moira Glerum, U. of Alberta
December 12, 2000	
December 19, 2000	No seminar

Please update your bookmarks and any links you may have on any of your departmental websites - also please send this note to departmental staff for information.

Thanks, Cindy Price

G graduate News

Congratulations to Leah Young, who successfully defended her PhD thesis on September 15th.

Ontario Graduate Scholarships application booklets are available from Barb Saunders or the School of Graduate Studies. Deadline for submission to the Department is October 30, 2000.

U ndergraduate News

A whole pile (well, two or three) of faculty have been using electronic presentation methods (Corel Presentations and Microsoft Powerpoint) to create lectures, present them in class, and are now making them available on our web site.

This last bunch are related to the Phase I medical student courses.

We have room for more!

Postgraduate News



Jason Sack, co-winner (with T. Childs) of the RSA Prentice Award for Residents, and Lloyd Kennedy repeat winner of the RSA Prentice Award for Excellence in Teaching. In the background is Dr. Monique Arquint, a recent appointment to the Pathology Attending Staff.

Jobs Available

Ontario HIV Treatment Network Associate Director for Science - HIV Information Infrastructure Project

They are seeking an established scientist with a demonstrated ability to develop an independent research program in HIV. The candidate must have an established record of excellence in research related to HIV data sets. An MD or PhD degree with at least 3-5 years of relevant post-doctoral experience is expected. The ideal candidate will have a demonstrated aptitude for collaborative research, a demonstrated ability to communicate with researchers from a variety of disciplines and with other community stakeholders. Knowledge of an experience with research involving cohort and observational data, and knowledge of and sensitivity to the community and social issues involved in HIV research would be valuable. Our ideal candidate will have experience with mentoring of junior, student or community researchers, experience with strategies for research dissemination, and will have demonstrated leadership, planning supervisory and team-building skills. This is a half-time position with a competitive salary and benefit package in a dynamic environment. A full job

description and additional information about the OHTN and HIIP, may be found at www.ohtn.on.ca. Please forward your resume by October 6, 2000, via fax or e-mail only to: The Ontario HIV Treatment Network, 1300 Yonge Street, Suite 308, Toronto, Ontario M4T 1X3. Fax: 416-640-4245; e-mail: info@ohtn.on.ca

University of Iowa Health Care

This position is for a MD or PhD scientists with a record of productivity and is open to candidates at any rank. The successful applicant will be expected to implement a strong extramurally funded research program focussed on molecular aspects of apoptosis. Preference will be given to those applicants studying epithelial cells and/or cancer biology. The selected applicant will receive a primary appointment in the Department of Pathology, with opportunities for secondary appointments in other departments and programs. The Cancer Centre at the University of Iowa is an NCI-designated Cancer Center which fosters a collaborative and supportive environment among both basic and clinical scientists. Applicants should submit curriculum vitae, research plans, and the names of three references to: Vicki Brown, Department of Pathology, University of Iowa College of Medicine, 1117 Med Labs. Iowa City, IA 52242. For information or questions, call 319) 335-8232.

University of Colorado

The Department of Pathology at the University of Colorado Health Sciences Center has several faculty openings for qualified MDs or MD/PhDs in the Surgical Pathology and Cytopathology Services. One of the positions will be filled by a candidate with interest in GI/Liver Pathology. The candidates should have post-residency training and interest in developing research activities, training residents/fellows and teaching medical students. Rank and salary are commensurate with qualifications. Submit a CV, cover letter describing interests and a list of three references to:

L. E. Gerschenson, MD, PhD, Professor and Chair of Pathology, University of Colorado School of Medicine, 4200 E. Ninth Avenue, Box B216, Denver, CO 80262

The George Washington University Medical Center
The Department of Pathology at the George Washington

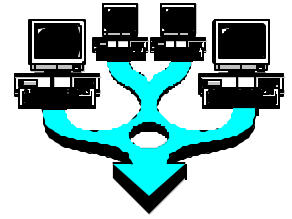
University Medical Center is seeking a new Director of its Transfusion Service/Blood Bank. The GWU Medical Center is a growing institution located in the heart of the nation's capital, with expanding clinical and academic programs and ongoing construction of a totally new state-of-the-art hospital facility. The Transfusion Service supports a Level 1 trauma center, high-risk obstetrical service, bone marrow transplant program, and the full range of other clinical services. Academic rank will be at the Instructor, Assistant, or Associate Professor level. Applicants should be board certified or eligible in CP or AP/CP, with special training and/or experience in transfusion medicine. Board certification or eligibility in transfusion medicine is highly desirable. The successful candidate will be expected to contribute to the total mission of the department - quality service, productive research, and effective teaching. Participation in on-call activities in clinical pathology will be required, and opportunities to provide other pathology services will be made available depending on the interest and experience of the candidate. Review of applications will begin on October 1, 2000, and continue until the position is filled. Please send curriculum vitae and the names of three references to: Donald Karcher, M.D., Department of Pathology, the George Washington University Medical Center, 901 23rd Street, N.W., Washington, DC 20037. Phone: 202-715-4659; Fax: 202-715-4691; E-mail: patdsk@gwumc.edu

University of Saskatchewan

Applications are invited for an Assistant Professor, tenure track faculty position. Responsibilities include undergraduate and resident teaching, and service primarily to the Royal University Hospital. The candidate should be eligible for or hold certification in anatomical in Anatomical Pathology/General Pathology from the RCPSC, and be eligible for licensure in Saskatchewan. The candidate should have a defined commitment to a personal research program. Preference will be given to those with certification in AP and interest/experience in one or more areas of AP. Applications with CV and names of three referees should be submitted, no later than 4 December 2000 to: Dr. K.L. Massey, Professor and Head, Department of Pathology, Royal University Hospital, 103 Hospital Drive, Saskatoon, Saskatchewan.

S7N 0W8. Tel: 306-655-2151; Fax: 306-655-2200; E-mail: lorne.massey@usask.ca.

N etwork News



The **Queen's Gazette** is now available online the web in adobe acrobat format... there is a link on our Dept. home page to <http://advancement.queensu.ca/html/gazette.html>

Our Web server had a major operating system upgrade over Thanksgiving weekend.

CDServer1 and the KGH gateway servers will follow later this month.

Server stability:

Web Server 11:57am up 19 days

CD Server 11:50am up 92 days

KGHGate 11:50am up 73 days

Would it that our Windows NT servers were so stable!

Email Traffic:

Remember when I used to post the amount of email in and out of the department for the last month?

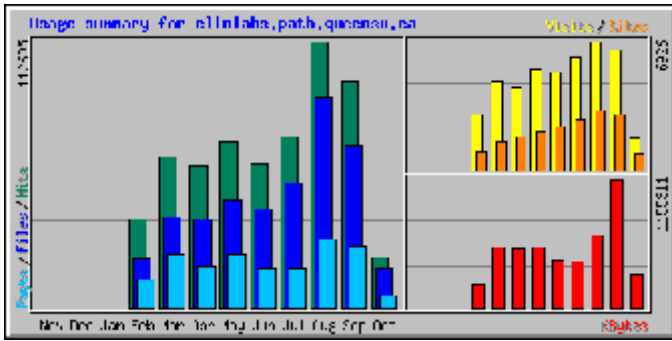
Well, I haven't done that for over a year or so and thought I would revisit it.

September 1996: 6307

September 1998: 11403

September 1999: 17005

September 2000: 20605 pieces of email in and out, and in general, they are getting bigger as more and more people send more and larger attachments.



Web Server Usage Summary 2000 Feb01-Oct04

Please distribute the following message throughout your department:

=====

Computing Workshops through Information Technology Services

The following non-credit, hands-on workshops are available for registrations from Queen's faculty, staff and students.

- Oct 20, Excel Charts (level=intermediate), 9:30-11:30am
- Oct 23, Intro to PowerPoint (level=basic), 1:30-4pm
- Oct 27, Intro to HTML (level=basic), 9:30am-noon
- Oct 30, PowerPoint Beyond the Basics, 1:30-4pm
- Nov 3, HTML Layout & Design (level=intermediate), 9:30-11:30am

Registration is required for all workshops and can be done via the on-line registration system located on the ITS Education webpage:

<http://noteswww.queensu.ca/ITS/itscourses4.nsf>

Article Submissions

SUBMISSION DATE: Pathology News will be mailed to all faculty, housestaff, graduate students, and anyone who requests it on the Friday following the first Monday of the month. The next deadline date for submission will be **Monday November 6**

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

Engineering Conversions that have been used in Pathology

1. Ratio of an igloo's circumference to its diameter: Eskimo Pi
2. 2000 pounds of Chinese soup: Won ton
3. 1 millionth of a mouthwash: 1 microscope
4. Time between slipping on a peel and smacking the pavement: 1 bananosecond
5. Weight an evangelist carries with God: 1 billigram
6. Time it takes to sail 220 yards at 1 nautical mile per hour: Knot-furlong
7. 365.25 days of drinking low-calorie beer because it's less filling: 1 lite year
8. 16.5 feet in the Twilight Zone: 1 Rod Serling
9. Half of a large intestine: 1 semicolon
10. 1000 aches: 1 kilohertz
11. Basic unit of laryngitis: 1 hoarsepower
12. Shortest distance between two jokes: A straight line (think about it for a moment)
13. 453.6 graham crackers: 1 pound cake
14. 1 million microphones: 1 megaphone
15. 1 million bicycles: 2 megacycles
16. 2000 mockingbirds: two kilomockingbirds (work on it....)
17. 10 cards: 1 decacards
18. 1 kilogram of falling figs: 1 Fig Newton
19. 1000 cubic centimeters of wet socks: 1 literhosen
20. 1 millionth of a fish: 1 microfiche
21. 1 trillion pins: 1 terrapin
22. 10 rations: 1 decoration
23. 100 rations: 1 C-ration
24. 2 monograms: 1 diagram
25. 8 nickels: 2 paradigms
26. 3 statute miles of I.V. surgical tubing at Yale Univ Hospital: One I.V. League
27. 100 Senators: Not 1 decision