
Pathology News

Vol. 7 #01

January 2000

2000 - Cosmically Significant or Just Another Number?

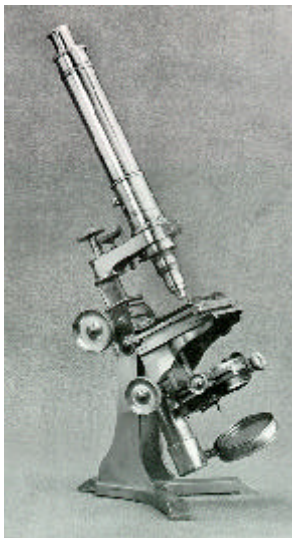
Publishing Info

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

<http://www.path.queensu.ca/>

Published monthly, Circulation 150
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!



For Your Information
Congratulations to **Lois Mulligan** on being one of five recipients for the Chancellor's Research Award.

Annual Report for Basic Scientists

The Annual Faculty Report form is due in the Faculty Office by February 1, 2000 for the period 1 January 1999 to 31 December 1999 **along with an updated curriculum vitae**. Please submit both the report and curriculum vitae **in duplicate** so that we can retain one copy for our records. Also, please put an updated copy of your CV on the net under: `g:/sec/cvs/lastname`. If you do not have access to the net please submit a disk with your CV at the time you submit your Report. The Faculty Office has also requested that the Head prepare an appraisal form for each faculty member and include it with the Annual Faculty Report. In order to comply with this request, our internal deadline for completion has to be moved up. I will set up an



appointment to meet each of you for approximately 1/2 hour between **January 24 and 28**. Please note that your completed Annual Faculty Report, teaching evaluations, and current curriculum vitae should be available to me for review **at least one day** prior to our scheduled appointment.

The Report form for basic science (QUFA) faculty has been changed from last year to make the reporting of activities more clearly defined. **Please make sure you use this revised form.** The new form is posted on the Faculty of Health Sciences website:

<http://meds.queensu.ca/reports/arbs.htm>. If you cannot access or download this form please contact Barb Latimer in my office at extension 74887.

Jobs Available

The University of Southern California is currently seeking a Board Certified Dermatopathologist. Responsibilities will include diagnostic service and teaching, and may, at the discretion of the appointee and the Department include an active research program. Our preference is for recruitment of a Junior Faculty member, having the motivation 'to grow' within the Department. However, candidates at all levels will be considered and final appointment will be to the full time faculty at a rank and salary commensurate with qualifications and experience. Please submit a statement of interest and current CV to Clive R. Taylor, M.D., Ph.D., Department of Pathology, HMR 204, Keck School of Medicine at USC, Health Sciences Campus, 2011 Zonal Avenue, Los Angeles, CA 90033 - OR - e-mail taylor@pathfinder.hsc.usc.edu
USC is an equal Opportunity Employer.

University of Toronto
Anatomic Pathology -
Physician /Scientist
Applications are invited for a
Physician/Scientist within the
University Health Network
site and the University of
Toronto, Department of

Laboratory Medicine and Pathobiology. The successful candidate will have 80% of his/her time protected to sustain an independent research program and is expected to collaborate with both basic science and clinical colleagues. Interest and experience in the molecular pathology of cancer is required and an emphasis on breast cancer, is desirable. Appropriate research space at the Ontario Cancer Institute and start-up funds will be included in the appointment package. Applicants must have an MD and a PhD, or equivalent, Royal College Certification in Anatomic Pathology and be eligible for licensure in the Province of Ontario. The successful candidate will be involved in managing a core molecular pathology facility within the research institute and management training or experience will be considered an asset. Documented evidence of training in teaching is needed given the commitment of the University of Toronto and the University Health Network to excellence in education. This position carries an academic appointment at the University of Toronto at a rank commensurate with the individual's background and experience, at the Assistant or Associate Professor level. Position available March 1, 2000. Applicants should send a CV, statement of research and educational interest and experience, and names and addresses of three referees by **January 13, 2000** to: Dr. J. Woodgett, Head, Division of Experimental Therapeutics, Ontario Cancer Institute, Princess Margaret Hospital, 610 University Avenue, Toronto, ON M5G 2M9. (We thank all applicants, but only those who are qualified will be contacted.)

Alumni Corner

From: Ken Marshall, Research Fellow in Pathology, 1965-1967

When I left Queen's in 1967 Bob More asked me if I would set up a cytopathology lab at McGill where he had just been appointed chair. Being "young and foolish" I said yes even though I had had only 2 weeks of training in cytopatology. Bob being "old and wise" sent me on a 6 month crash course so I actually knew something about the subject by the time I arrived in Montreal.

After 9 years in the pathology department at McGill plus a part time stint as associate dean of students, I returned to clinical practice, first as a fellow in family medicine and thereafter as a faculty member in the department of family medicine at McGill and later Western. While at McGill I co-authored two text books on otolaryngology for family physicians, published a series of articles on physical diagnosis for practicing family doctors, and another series on the paucity of benefits and frequency of harm that result from preventive screening programs.

My wife Mary whom some of you may remember died in 1974. Our son Mark who was 7 when we left Kingston is now a researcher with the Immigration and Refugee Board in Ottawa, and our daughter Kate, who at that time was 5, is married, a mother and a family doctor in Lasarre Quebec.

In 1976 I remarried and in 1996 Marilyn, our son Harry and I moved to Stratford. Marilyn is practicing child psychiatry here in Stratford and Harry is starting high school. I do a bit of teaching at Western but spend most of my time working on the third edition of a textbook I have written called *The Family Practice Sourcebook* which is published by Mosby. It is a

compilation of "patient oriented evidence that matters" (POEM) culled from the recent medical literature.

It is with nostalgia that I look back on my fellowship at Queen's and the fine mentorship of my thesis supervisor, Daria Haust. I look forward to hearing about my many friends from that period through this column.

Ken Marshall e-mail: <kmarshall@julian.uwo.ca>

Another response to the Alumni questionnaire sent out last fall.

Dear Dr. Manley,

It is Thanksgiving holiday in the US and I would like to first greet you Happy Thanksgiving!

I had some time to review an August 1999 correspondence regarding the Queen's Pathology Alumni Group from my beloved mentor, Dr. M. Daria Haust, and Dr. Steele. That is where I got your name and your e-mail address.

You do not know me, of course, but we have several things in common -- Kingston, Queens, KGH, and Richardson Lab. I guess that's the idea, partly at least, behind QPAG.

I was in your Department in 1966 when the Department was chaired by Dr. Robert More. I spent a year of Pediatric Pathology fellowship under Dr. Haust's mentorship. I prefer the word "mentor" to "trainer" for indeed Dr. Haust taught me more than Pediatric Pathology and electron microscopy. She also was instrumental in my move, with Dr. More, to McGill University in 1967 where I pursued the subspecialty of Hematopathology and joined the Pathology Institute faculty until 1972.

My family transferred to Columbus, Ohio, in 1972. Although my practice was (and is) in a community hospital I never truly discarded my interest in academic pathology. Our hospital trains interns, residents, fellows, and rotating students, and we have a pediatrics department that supply us with placentas. Every chorionic villus that I see under

the microscope reminds me of Dr. Haust, the AFIP placental guru, and the Richardson Laboratory. Of course, in a community hospital with some 300 beds, hematopathology is a daily challenge.

I have been chair of our Department of Pathology and Laboratory Medicine since 1987, president of our professional corporation (Pathology Services, Inc.) since its inception in 1992, clinical professor of Pathology at The Ohio State University until last year, and clinical professor of Pathology at the Ohio University College of Osteopathic Medicine. I was president of the Central Ohio Society of Pathologists in 1980. In addition to my FRCP(C), which was a much tougher status to obtain than its American counterpart, I am also certified by the American Board of Pathology in Anatomic Pathology, Clinical Pathology, and Dermatopathology. I probably should be thinking of retirement but I still enjoy the practice of anatomic and clinical pathology and administrative responsibilities, so far, are still tolerable. Our two hospitals were purchased last year by the OhioHealth System which now owns four large hospitals in the city of Columbus -- Riverside, Grant, Doctors Hospital North, Doctors Hospital West. We have been "talking" laboratory integration and have engaged Chi Lab Systems to do a feasibility study on the economic viability of a Core Lab.

It has been a long time since Kingston days -- a third of a century in fact. The memories however are indelible and the reasons for thanksgiving are enduring.

A Queens Pathology alumnus' thanksgiving -- that's the reason for this letter. Please convey my warmest regards to Dr. Haust and if you have her e-mail address, I'd appreciate your sharing it with me. I have only one recommendation regarding the QPAG to add to the list -- make its info and news Internet accessible by building a QPAG webpage.

Sincerely,
Narciso S. Albarracin, Jr., M.D., FRCP(C)

D r. Dexter's Corner

THE PATHOLOGIST'S ASSISTANT

It is alarming, in my case at least, to reflect on the imagery associated with the title of Pathologist's Assistant (PA). Somehow, conjured no doubt from the abyssal depths of subconscious, the vision of a slight, humpbacked individual with a wild look imparted by an unfortunate case of exophthalmos persists. A touch of the forelock and a begrudged "Yes Master" completes the charade. It is odd, indeed, that this very character did exist and was a pivotal player in the film, "The Young Frankenstein". In that instance, however, his skill sets were stretched to the level of incompetence, at least in his handling of brain specimens.



The use and incorporation of PAs into the pathology team is an interesting blend of necessity and opportunity. The demands on pathologists' time, and the lack of pathology residents were two of the drivers. Often simple specimens were grossed and cut in by technologists under supervision and, after "training", from the pathologists. Small and multiple biopsies were obvious starting points. The list grew as confidence and competence followed.

By the 1970's, many centres had some form of "Grosser", but what was missing was a formal training and certification process. The initial programmes had variable life spans, even within the same institution. The biggest hurdle was that of quality and potential equivalency to that of a pathologist, who still viewed the activities of gross and microscopic activities as their professional responsibility alone. Economics also drove the issues from billings to budgets.

Over time the process evolved, and the concept and breadth became understood. Formal programmes developed and highly skilled professional pathologists emerged. Through their example, PAs have clearly proven their value and contribution to surgical and autopsy pathology. Reduced residency complements both North and South of the border continue to provide opportunity. PAs and residents may commingle to distinct advantage of both, and PAs may be a major influence to teaching in the grossing and cutting-in areas.

Whilst the value of PAs may be known and applied in larger teaching and tertiary care hospitals, their potential working in smaller laboratory settings should be considered.

Two recent articles in the November AJCP 1999, review the role of PAs in surgical pathology. One, under the enigmatic title of "The Usefulness of Pathologists' Assistants", deals with, as one might anticipate, an American focus on Economics. But, whether dealing with a US or a Canadian dollar, the basic assumptions of worth and value are upheld.

Well trained PAs are a valuable, integrated set of the pathology team, and our experience at Queen's parallels and reinforces the recent literature analyses.

Well done!

PS: Should we consider the development of a Canadian based Pathologists' Assistant Programme at Queen's (PAPQ)?

THE PATHOLOGY CONSULTATION

The laboratory receives over 20,000 surgical specimens a year. A requisition accompanies each specimen, large or small and provides demographic data and the nature of the specimen. The majority of the requisitions are incomplete in the critical area of clinical information.

This is not a new problem. It bedevils pathologists and laboratories everywhere and has done probably since Virchow's day. Although likely as not, he may well have visited and examined the patient.

Lack of information may lead to a less than appropriate handling, sampling, or testing of a tissue sample. The question before the clinician that led to surgical intervention is equally as important to be asked of the pathologist, as the case analysis moves from the clinical to the laboratory theatre.

To be called by a clinician two weeks later and to be asked, "did you find such and such?" is not the best of situations. It may be retrievable and hopefully it is.

Several issues and points can be made.

1. The surgical pathology requisition is not a requisition. It is not a request for delivery of 10 boxes of size 8 non-latex gloves from stores. It is a Consultation - a process of one consultant requesting the advice, expertise, and the diagnostic acumen of another. No consultation should be generated without appropriate information and a defining of the clinical question.
2. It is an integral part of our responsibility as a training institution of physicians to ensure emphasis of the necessity of providing valid and pertinent information as part of the consultation process - no less to the clinical laboratory.
3. An initiative to revisit and ensure higher compliance in provision of clinical information is

underway with the Operating Room using revised forms.

4. Valid information in will lead to valid analysis out.

A plea and resolution for the Millennium from all of the laboratory areas is to provide adequate, valid clinical information with the specimen and laboratory consultation form.

On the same theme ...

It is indeed odd how the dearth of clinical information stimulates individuals to extraordinary feats.

The role of Poet Laureate of the Pathology Department has been passed on. Dr. R. Kisilevsky had been holder of the esteemed position for many years. Indeed, his doggerel was a regular feature around the festive season, greeted with much emotion and noise. The range generally was from groans to mirth.

It is with great pomp and circumstance that the Millennial Appointment for the Poet Laureate for the Department of Pathology at Queen's University is awarded to:

Dr. Dilys Rapson

(This is a non-tenured Term Position).

Her seminal work entitled, "Plea of the Flow Laboratory" had its first reading in 1999 and a second showing on January 7, 2000.

PLEA OF THE FLOW LABORATORY

If you want to have flow
There are some things you should know
You need to pick up a pen
Write the question at heart

Please give us a start
And remember the which, what, and when.

If there isn't a date
And we can't choose a gate
What on earth do you expect us to do?
Background noise and dead cells
Make it difficult to tell
What events we should really pursue.

So please give us your thoughts
And don't ask to be sought
It's not that we aren't very keen
But each test costs a lot
And blood tends to rot
And we want the best results for the team.

Dilys Rapson, MD

SOFTWARE - WHY IS IT SO HARD?

Once more, we must gird our loins and charge off into the battlefield. Disordered, dishevelled, and disorientated, we pirouette searching for familiar sights, for high ground, seeking here, looking there, pressing keys, pointing mice, left click, right click.

Help!

Yet more new software programmes are set to replace the old. In actual fact, only a few actually were vaguely familiar with the old and used much of their potential. For most software, probably less than 10 percent of its capability is actually used 90 percent of the time. The remainder serves to confuse, lurking to entrap the unwary into a tortuous journey into the depths of darkest computerese from which the only escape is Ctrl-Alt-Del.

Training or orientation is of limited help. It is too quick. It is always given by someone who knows what they are doing. They do not press the wrong keys, they

do not have problems, they are not of the real world!
Too often, what goes in, comes out even faster.

Personally, I would prefer more practice and training. I would like to be fully armed. Why are we only equipped for battle with mice? A more timid animal than a mouse I have yet to meet. An upgrade to a Doberman or a Tiger would do wonders for the psyche when faced with yet another version of personal calendar.

I refuse to be comforted by the words, "Oh, its just the same as your old programme!" Perhaps, but why are the buttons different, and why have the numbers of them doubled? And so it goes.

In the next few months, the transition to Microsoft Outlook will occur, and WordPerfect is slowly being replaced by Word 97, probably to be followed by Office 2000!

Remember that the art and science of pathology is that of communication. From a biblical perspective, "In the beginning was the Word ...", but it is the attainment of the ability to create the word that is becoming so difficult!

Software, why is it so hard?

G rants 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 13 pages for January.

The **Hedwig van Amerigen Executive Leadership in Academic Medicine (ELAM) Program for Women** is

now seeking applicants for its 2000-2001 class of approximately 40 fellows. ELAM offers extensive educational networking and mentoring opportunities to support women leaders who aspire to the highest administrative ranks at academic health centers. Candidates must be at associate professor rank or higher, and must demonstrate significant administrative responsibilities and potential for advancement to top levels of academic administration. In addition to nomination from the Dean, candidates submit an application form and letters of recommendation from their supervisor and one other senior colleague. The year-long program involves eight days in the fall and nine days in the spring of intensive study in the Philadelphia area, along with attendance at the AAMC annual meeting and completion of independent intersession projects. The curriculum emphasize in-depth case analyses, experiential learning in small-group work and team building, networking with academic and health care leaders, and financial analysis and planning with a computerized budget simulation. The spring session concludes with a two-day Forum on Emerging Issues for the fellows, their deans and invited guests. Program information and application material can be downloaded from www.mcphu.edu/elam

Applications for the 200-2001 class are due **February 1, 2000**. For more information contact: Jean C. Kilian, Project Coordinator, ELAM Program, MCP Hahnemann University, The Gatehouse, 3300 Henry Avenue, Philadelphia, PA 19129-1191. Phone: 215-842-6041; e-mail: <jean.kilian@drexel.edu>.



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

Graduate News

So Who Are These Graduate Students, anyway?

Student Name	Prog	Start	Supervisor
Abu-Abed, Suzan	PhD	09/98	Dr. Petkovich
Almquist, Kurt	PhD	09/95	Drs. Cole/Deeley
Brown, Brian	MSc	09/98	Dr. Lillicrap
Carter, Melissa	MSc	09/99	Dr. Mulligan
Cuthbert, Carla	PhD	09/94	Dr. Lillicrap
Davidson, Chris	PhD	09/97	Dr. Kisilevsky
Fraser, Lee	PhD	09/98	Dr. Scott Davey
Gao, Mian	PhD	09/97	Drs. Deeley/Cole
Greer, Deborah	MSc	09/98	Dr. Davey
Gui, Jin	PhD	09/96	Dr. Elliott
Hansford, Jordan	MSc	09/98	Dr. Mulligan
Hyndman, Brandy	MSc	09/99	Dr. LeBrun
Kang, Martin	MSc	09/99	Dr. Davey
Keightley, Angela	PhD	01/96	Dr. Lillicrap
Killoran, Annie	MSc	01/99	Dr. Lillicrap
Lin, Eva	MSc	09/99	Dr. Elliott
MacLean, Glenn	MSc	09/99	Dr. Petkovich
Senis, Yotis	PhD	05/96	Dr. Greer
St. Onge, Bob	PhD	09/99	Dr. Davey
Struthers, Jennifer	MSc	09/98	Dr. Khalifa
Truesdell, Peter	PhD	09/99	Dr. Greer
Vultur, Adina	MSc	09/98	Dr. Raptis
Weigl, Kevin	PhD	09/99	Dr. Cole
Young, Leah	PhD	09/94	Dr. Gerlach/Campling
Zhang, Dawei	PhD	09/98	Dr. Deeley

January 18	Mr. Glenn MacLean, Ms Jennifer Struthers
January 25	Life Sciences Eve. - No Seminar
February 1	Ms Melissa Carter , Mr. Jordan Hansford
February 8	Mr. Yotis Senis
February 15	TBA
February 22	Reading Week
February 29	Ms Brandy Hyndman, Ms Eva Lin
March 7	Dr. Valerie Wallace, Ottawa Gen. Hosp. Res. Inst.
March 14	Dr. J. Koland, University of Iowa
March 21	Dr. Kathy High, University. of Pennsylvania
March 28	Ms Adina Vultur
April 4	Mr. P. Truesdell
April 11	Dr. M. Khalifa
April 18	TBA
April 25	Mr. Kevin Weigl

Buy, Sell & Trade

For Sale: a 200 Disc CD Changer.
JVC XL MC222 \$225

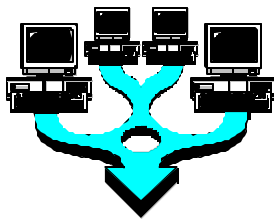
Comes in original box, remote control and 10 CD's of your choice from my collection. I'm selling it because I can't afford to buy enough CD's to fill it up! You can view the manual outside my office if you have any questions about it and I'm not around.

Kevin Kell (Richlabs411) Q-74901

Network News

Changes to the Web site in the last month:

- more Corel Presentation Slide Shows from Phase II are now online.
- days to Y2K has been removed
- 1998 papers and abstracts are now online



New Reference: **Microsoft Outlook 97 for Dummies**

available for signout with Kevin. Not the Reference we were looking for (there is a dearth of *good* manuals out there, and this was the best of 3 on the shelf!)

It covers the whole suite, not just the calendar, but still is worth skimming through.

Wondering if Richlab1 (or Richlab2) have crashed? Check the web home page. At the bottom are hourly updated server "uptimes". When you click on the link you will be shown a status log of that server as well.

Richlab1:

Reinstalled (but not reformatted) December 23rd. Stability is back up to only one crash a week!

Richlab2:

Fairly steady-but-slow and stable.

CDServer1:

Rocksteady and up for over 27 days

Y2K:

No major problems at all. A few minor display type errors are popping up here and there, almost always from 3rd party noncompliant software.

Microsoft Outlook:

has been in for a few weeks now and has shown a few quirks here and there. The old ONTIME continues to run but again remember that it is **NO LONGER CONSIDERED** in-use, active, online, or

anything else. It is simply a reference until Outlook is fully functioning and all calendar bookings have been entered.

Laptop and Data Projector:

Please remember that making reservations for these pieces of equipment are now on TWO separate "accounts" or "public folders" in Outlook. In the past we were limited by available licences in ONTIME that forced us to combine the bookings into one "account".

Also note that the data projector is now stored locked down on a cart in either Room 102 or 107. If you wish to remove it from the building (ie not roll the whole assembly around), it must be signed out from Room 202 (and get the padlock key to unlock it and the carry case to pack it in).

New Scanner

Image#2 workstation (in the Autopsy Suite) has acquired a new flatbed scanner that also does transparencies. We are looking at the ability to do batches of 35mm transparencies (positives and negatives), medium format, large format and other transparencies. **Of particular utility is the ability to scan XRAYS (up to 8"x10") and electrophoresis gels.**

EXAM BANK -- Queen's Final Exams Now Available Online!

The Office of the University Registrar, the AMS, and Queen's Libraries are pleased to announce the launch of "Exambank" -- a digital collection of three years of Queen's final examinations.

Exambank is online at <http://xcat.stauffer.queensu.ca/exambank/> and uses Adobe Acrobat Reader, available from Packman, to display the examinations.

Queen's Computing Workshops through Information Technology Services

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

Registration is required for all workshops and can be done via the on-line registration form located on the ITS Education webpage
<http://noteswww.queensu.ca/ITS/cscourse3.nsf>
 Once you create your "Personal Profile" you can register for and/or cancel from courses just by returning to your "Personal Profile."

WORKSHOPS:

Introduction to Web Publishing in Windows, January 12, 1:30-4pm (level=basic)
 MS Excel 97/2000: Level 1, January 13, 9:30am-noon (level = basic)
 MS Excel 97/2000: Level 2, January 18, 9:30am-noon (level = basic)
 Web Publishing Layout & Design, January 19, 2-3:30pm, (level=intermediate)
 MS Excel 97/2000: Charts, January 20, 9:30am-noon, (level=intermediate)
 Introduction to Windows 95/98, January 21, 9:30am-noon (level=basic)
 MS Access 97: Getting Started, January 27, 9am-noon (Level = basic)
 MS PowerPoint 97/2000: Introduction, January 26, 1:30-4pm (Level = basic)
 MS Office 2000 New Features, January 27, 12:05-12:55pm (level=basic)
 MS Word 97/2000: Level 2, January 27, 1:30-4pm, 1:30-4pm (level = basic)

NOTE: there is no charge for the courses, however maximum enrollment numbers are specified for each course. With the new registration system you can also cancel registrations, and be added to the waiting list for courses. Course descriptions are available from a link on the registration page, or go to
<http://www.its.queensu.ca/educ/description.html>

Laura Slade, Education Coordinator
[<sladel@post.queensu.ca>](mailto:sladel@post.queensu.ca)
 Phone: (613)533-2037



Total Lunar Eclipse Thursday/Friday January 20/21, 2000

Session at the Murney Tower Museum Park (on the waterfront at the foot of Barrie St)

Second contact is about 22:00 EST
 Total Eclipse starts about 23:05
 End total eclipse about 00:23 (Friday Jan 21)
 End eclipse 01:25

WEATHER PERMITTING the Royal Astronomical Society of Canada (RASC) - Kingston Centre will be holding a Public Observing

Date sent: Wed, 5 Jan 2000 14:19:01 -0500
 From: Medphoto/Chris Peck cp@post.queensu.ca

Medphoto Digital Imaging Services

I would like to inform all departments that our poster printing services are available to anyone on Campus at very reasonable prices.

We are using an HP Designjet 1055CM which prints full colour at 600 dpi. with a maximum width of 36". Poster length can be anything up to 100 feet. We offer two paper choices: HP heavyweight coated paper at 6.00/sq. ft. and HP premium photo quality high gloss paper at 10.00/sq. ft. Turn around is 3 - 5 days (from files ready to print) Laminating is available for an additional 2.50/sq. ft. (allow an additional 2 days)

Please call us at Q-32177 for any additional information.

Chris Peck, Medical Photography Services
 Etherington Hall on Stuart St. Ground Floor, Room G011

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, February 7th, 2000**

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

Photos from the 1999 Christmas Dinner at the Portsmouth Olympic Harbour Restaurant

