

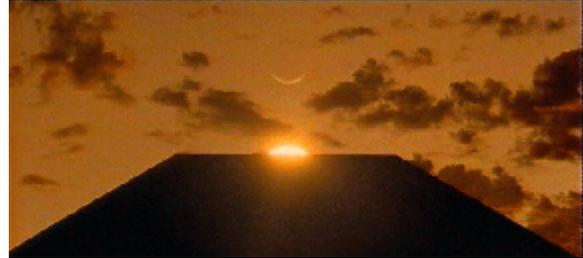
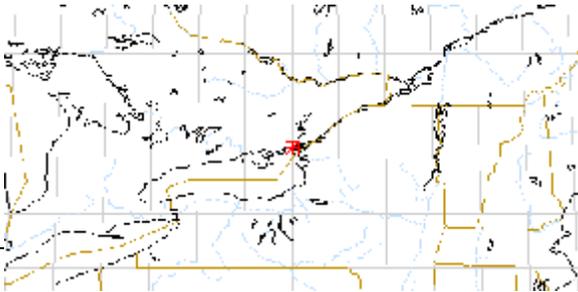
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# Pathology News

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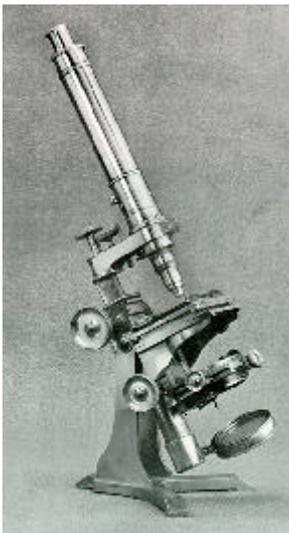
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or email to:

[newsletter@cliff.path.queensu.ca](mailto:newsletter@cliff.path.queensu.ca)



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!

### M. DARIA HAUST, MD A TRIBUTE ON HER 80<sup>TH</sup> BIRTHDAY

Many of our residents and faculty were initially bewildered by the distinguished woman in a white lab coat who regularly came to weekly scheduled conferences in 1995 and asked several probing questions. This was their initial introduction to Daria who had returned to our department as a Visiting Scholar for six months and continues to be as enthusiastically engaged in the study of pathology as she was when she arrived at Queen's to begin her career in Pathology 49 years previously.

Maria Daria Haust was born in eastern Poland on August 18<sup>th</sup>, 1921. She was displaced to Germany during World War II and was accepted into Medical School at the University of Heidelberg in 1945. In 1951 she graduated summa cum laude and completed an MD thesis on "Primary Pulmonary Sclerosis in an Infant". During medical school she was wooed by Heinz Haust a more senior medical student and a superb classical guitarist. They married shortly after graduation and four months later arrived in Montreal as landed and unemployed immigrants in January 1952. Heinz quickly obtained a job as an orderly at the Jewish General Hospital and began applying for positions. Dr. Larry Wilson was the first to reply with a firm offer of a rotating internship for both Dr. Hausta at the Kingston General Hospital in July 1952. After the completion of her internship Daria gave birth to her two sons, Bill and Jan.

Her career in pathology began in 1955 as a Research Fellow investigating atherosclerosis with Henry



Movat, the first graduate student in Pathology at Queen's under Dr. Robert H. More, Chairman of the Department. She was later accepted into the General Pathology Program and in 1959 obtained both an MSc (Med) degree from Queen's University and her Fellowship in Anatomic and Clinical Pathology from the Royal College of Physicians and Surgeons of Canada. During her residency she was extraordinarily productive in research with multiple presentations and published abstracts on atherogenesis, including the observation that smooth muscle cells proliferated in atherosclerotic plaques and contributed to the production of collagen and extracellular matrix. This work was temporarily interrupted when Dr. Haust accepted a postdoctoral fellowship with a famous pediatric pathologist and mentor, Dr. Ben Landing, at the Children's Hospital in Cincinnati. She quickly developed expertise in pediatric and perinatal pathology and investigated the pathology of inborn errors of metabolism, which became a second branch of her research career.

She returned to Kingston in 1960 as an Assistant Professor of Pathology, a Pediatric Pathologist, and an active researcher in experimental atherosclerosis. She delighted in teaching

undergraduate medical students, graduate students and postdoctoral fellows. Daria became an expert with an extraordinary eye in discerning and interpreting abnormalities using the new technology of the time, electron microscopy. Her studies considered the role of thrombosis, blood components and inflammation in atherogenesis and elastogenesis. Daria was promoted to Associate Professor in 1965 and left for London, Ontario in 1967 when Heinz accepted a position there. She became the Director of Pathology at the Children's Psychiatric Research Institute and was promoted to Professor of Pathology in 1968, of Pediatrics in 1972, and of Obstetrics and Gynecology in 1977. These appointments reflected Daria's close clinical collaborations and her broad range of interests which continued in atherogenesis and extended more deeply into pediatric pathology focussed on inborn errors of metabolism and perinatal and placental pathology.

Daria has also been recognized as an excellent teacher and a mentor for graduate students. She received multiple awards including the best teacher award of Basic Sciences at UWO in 1978 and the Class of '62 award given in 1982 to the faculty member who in the opinion of the graduating class contributed the most to the medical school in the previous four years. She still maintains close ties to several of her past students including Dr. Roberta Bondar and the current Dean of the Medical School in Santiago, Chile.

Daria is also committed to the initiation and the sustenance of multiple professional organizations. She was the first president of the Canadian Atherosclerosis Society and played a major role in its evolution. To honour her contributions to societies and her research she has received the Gold Medal from the International Atherosclerosis Society, Distinguished Service Award of the American Heart Association, Special Distinguished Colleague Award of the Pediatric Pathology Society and the Andreas Vesalius Medal from the University of Padua, amongst others. In Canada she was awarded the William Boyd Lectureship, the highest honour conferred annually by the Canadian Association of Pathologists, and the Izaak Walton Killam Prize in Medicine, one of only two women in Canada recognized by this distinguished honour as of 1998. Her achievements and the

appreciation of her peers have led to honorary doctorate of medicine degrees at the Jagiellonian University of Krakow in 1996 and Charles University, Prague and Havana University in 1998. Her research has become known to the world through the publication of over 200 articles, numerous invited addresses, and participation in the editorial boards of 10 scientific journals. She remained continually funded as a principal investigator by the Heart & Stroke Foundation of Ontario from 1961-88 for both operating and personnel support and by the Medical Research Council from 1961-74 and 79-81.

Throughout her career Daria has sustained a passionate devotion to our Department of Pathology at Queen's University as her first home in a new land, in which she defined the course of her future life as a dedicated physician/scientist and enthusiastic teacher. While Daria credits the Queen's environment and her colleagues of the time for much of her early success there is no doubt her intelligence, keen observation, perseverance, focussed energy and ambition to succeed were the predominant factors as her continued success until the present time attests.

Daria returned to Kingston for 6 months as a visiting scholar in 1995. During that time she reviewed unpublished material from the 1960s and published five papers. Mary Richardson, a faculty member at the time and an expert in electron microscopy, after consulting with Daria, remarked to me that Daria has remarkable gifts for interpreting electron microscopy. Daria has since returned for a month each year but one, often overcoming a variety of medical difficulties and returning with renewed vigour. After extensive renovations of Richardson Laboratory and our Reunion, Daria was determinedly persuasive in convincing me to support the development of the Queen's Pathology Alumni Group. She enlisted the support and recollections of others in beginning an archive and writing the history of the department and biographies of our senior colleagues. She is also contributing to our scholarly success through generously endowing the Daria M. Haust Travel Fund in 1985. This fund currently provides \$10,000/year

for special travel that can significantly enhance the scholarly careers of our faculty.

The department has chosen to honour Daria's scholarly achievements, her multiple contributions to her profession both in Canada and internationally, and above all her generous support and passionate devotion both to our department and to Queen's University. The First M. Daria Haust Lectureship will be delivered by Dr. Kurt Benirschke on October 1 at 4:30 pm in Etherington Auditorium. On behalf of the Department, I wish Daria good health, happiness in the warmth of her family, and the opportunity to return frequently to our department.

**HAPPY BIRTHDAY, DARIA!**

P.N. Manley, MD

## **F**or Your Info **5th Annual A.A. Travill Debate**

*Be it resolved that*

***“A meal of genetically modified food  
is no more harmful than a meal  
prepared from traditional, home  
grown food”***

David Dennis

&

Stephen Hunt

vs

Peter Aston

&

David Hurley

**Thursday, 27 September 2001**

**5:00 p.m. to 6:00 p.m.**

**Etherington Hall Auditorium**

The potential for genetic modification has existed since Gregor Mendel began experimenting with

hybrid crosses in bean plants. With the discovery of DNA, and the ability to isolate single genes, scientists started to transfer specific traits from one plant to another. Although the earliest genetically modified organisms were believed to be yeast, the first GM food to be marketed was the Flavr Savr tomato in 1994, engineered to prevent spoiling. Current estimates by the US Department of Agriculture puts the number of processed foods on the American market containing GM ingredients to be 70 per cent. The USA and Canada are the only countries that have readily accepted GM foods onto their shelves, with soy products, berries, corn, potatoes, and tomatoes being produced in the greatest numbers. In contrast, the European Union has placed strict labelling requirements on items containing GM products, and there are currently no genetically modified fresh fruit or vegetables available in Europe. Those who oppose GM Foods cite the lack of knowledge concerning the long-term effects of GM foods on the consumer and the environment as justification for a cautious approach to these products. However, the World Health Organisation has pronounced GM foods safe, and have declared their hope that genetic modification may eventually lead to the eradication of hunger in developing countries. This year's Travill Debate will address the fact and fiction of GMOs and will hopefully leave you better prepared to eat your next meal without undo "mental indigestion".

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#### **The First M. Daria Haust Visiting Lecturer**

We have invited Dr. Kurt Benirschke, an Emeritus Professor of Pathology & Reproductive Medicine, University Medical Center, San Diego, California to give the First Haust Lecture. Dr. Benirschke will be in the Department Monday and Tuesday, October 1<sup>st</sup> and 2<sup>nd</sup> and will have an opportunity to meet with Faculty and students. His Lecture, "Challenges of the Pathology of Twinning" is scheduled for Monday, October 1,

2001, 4:30 pm in Etherington Auditorium with a Reception to follow in Richardson 102 and 107.

#### **BBQ**

The Annual Resident/Faculty BBQ has been scheduled for Tuesday, September 25<sup>th</sup>, 6:00 pm at the University Club.

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#### **Applications for Sabbatical and Academic Leave**

Sabbatical and academic leave applications for all members of faculty (clinical and QUFA bargaining unit members) are due in the Faculty Office by **Wednesday, October 31<sup>st</sup>**. Clinical members of faculty should follow the procedures outlined in the Senate Statement on Academic Leave (approved in May 1973 and last revised in January 1995). This document is available on the Queen's web site at <http://www.queensu.ca/secretariat/senate/policies>. Members of the QUFA Bargaining Unit should refer to Article 27 of the Collective Agreement which is also available on the Queen's web site. The address is <http://www.queensu.ca/qufa>.

The completed application form (available from Dr. Manley's office) is to be accompanied by a statement from the applicant, and a letter of recommendation from the Head. **For faculty whose salary support is derived from an external agency, written approval from that agency must accompany the leave application.**

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#### **Work-Study Program**

We are writing to inform you of a major change to the Work-Study Program. Beginning with the 2001/2002 Fall/Winter version, students employed under the provisions of the program will be paid \$10.00 per hour. Currently students earn \$8.00 per hour.

The maximum entitlement for each student (over two terms) will remain unchanged at \$2,000 as will the subsidy formula (the hiring department

provides 25% of the salary, Student Awards provides the remaining 75%).

As a result of this change students with a full entitlement (\$2,000) will need to work only 200 hours to earn it rather than 250 hours under the current compensation scheme.

The new salary has been implemented in response to several factors.

- The rate of pay has not been increased since 1994 despite increases in tuition and the cost of living,
- Students in some faculties find it difficult to work the number of hours required to make maximum use of the entitlement,
- Some employers find it difficult to employ students for the full 250 hours.

In addition to making it a little easier for students to earn their full entitlement we anticipate that this change will have a small but positive impact on the total number of positions available for students on campus.

If you have questions regarding how the implementation of this change may affect your department you are invited to contact Liann Joannette at 74044 or [ldj@post.queensu.ca](mailto:ldj@post.queensu.ca).

## Grants'N'Such

The Grant supplement will no longer be included in paper form. It will only be available from the website listed below:

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

**Dr. Lois Mulligan** received a 3 year grant of \$45,446/year from the NCIC for her project entitled "Investigating Function Differences Between RET Receptor Isoforms in Cell Growth and Development".

## Publications

### David Lillcrap

The Genetics of Venous and Arterial Thromboembolism

Current Atherosclerosis Reports 3:209-215, 2001.

## Richardson Research Seminars

Department of Pathology  
Seminar Schedule

2000 - 2001

Winter Term

Tuesdays @ 4:00 p.m.

Richardson Amphitheater, Richardson  
Laboratory

DATE	SPEAKER
Sept 18	Grad Studies Orientation
Sept 25	TBA
Oct 2	Dr. Mike Nesheim
Oct 9	TBA
Oct 16	Yotis Senis, PhD Student
Oct 23	Dr. Anne-Marie Mes-Masson

# D r. Dexter's Corner

## PATHOLOGY ALUMNI CORNER

Dr. Patrick van der Hoeven recently visited the department to renew acquaintances, to catch up on news and events, and to bring us up to date on news from the Antipodes. He was in town for the wedding of his youngest sister. He reported that his mother, Ellen (another alumnus), was managing well the excitement and business of the happy event.

Patrick is now the Deputy Director of Pathology of the Gippsland Pathology Service and is based at the Latrobe Regional Hospital, Traralgon West 3844. He notes that workload is steadily increasing in his laboratory. Pictures of his new house with an indoor pool were proudly shown with many photographs of his family. There is clear evidence of continuance of the musical tradition of the van der Hoevens.

Patrick would be happy to renew old friendships and can be reached at [pvand@gippspath.com.au](mailto:pvand@gippspath.com.au) or by telephone at 03 5174 0800 (work number). He tells me it is a travel time of about 30 hours door to door!

I wonder what actually constitutes an alumnus (m) or an alumna (f). For pedants the plural is alumni (m) and alumnae (f)! As a word it derives from the latin for nursing coming from *alere* : to nourish.

The case could be made against self learning on a point of definition. Nourishing the suckling babe is a dynamic involving a minimum of two persons, one who gives and one who somewhat passively receives. A lack of the nursing mum does not require Einsteinian logic to predict foetal wasting.

Learning is a give and take process. Ideally the mind receptacle is switched on and the digesting, processing and reformulation of ideas and concepts combined with the confidence for application follows on. With some students (and teachers too for that matter) one is searching for the "on" switch.

To become an alumn(us)(a), one requires nourishment. The portion of food need not be big; tiny tasters of titillating tit-bits may suffice. At the other extreme are gouty gourmands gorging greatly leading to somnolent, soporific mental slumber. But for most a standard fare with the equivalent of daily needs for vitamin supplements serves very well. It is the food analogy that has led to the term spoon-feeding as a *verboten* teaching model. You cannot be a alumn(us)(a) without passing the trough, and sampling the fare.

An e-mail received in early Spring sent to the Clinical Departments asked for opportunities for Medical Students to undertake an Observership of a week or so to allow exposure to clinical experience. It is very difficult to select career lines with any sensibility without an exposure to a combination of clinical activity and role models. Although not directly listed as a Clinical Department, I indicated that indeed the Pathology Department or "**Clinical** Laboratories" could and would be delighted to provide observerships.

It worked out well. Dr. David Hurlbut helped coordinate the weeks experience.

Here is a letter received from Michelle Francis:

"Dear Dr. Hurlbut and the Dept. of Pathology:

I wanted to pass along my thanks to everyone in the department who was involved with my week-long observership in June. The week was so well organized with nary a dull moment! Everyone was very enthusiastic to show me the labs, the slides, the procedures. I felt I learned a lot that will serve me well in the future. I thoroughly enjoyed the experience!"

Which brings me back to my question. What constitutes and defines an alumn(us)(a)? I believe that any organized exposure within the department by students and residents to allow sharing of the learning and teaching experience merits that status. Comments? What is your opinion?

## Jobs Available

### McGill University

The Department of Pathology, McGill University and McGill University Health Centre (MUHC) invite applications for a full time staff position in Gastrointestinal Surgical Pathology. The position is open to new graduates and experienced pathologists with special interest or expertise in gastrointestinal liver and pancreatic disease. The successful candidate will participate in general diagnostic work and the teaching of medical students and residents. Opportunity for collaborative or independent research is available. Candidates should be certified in Anatomic Pathology by the Royal College of Physicians and surgeons of Canada, the College des Mediciens du Quebec and/or the American Board of Pathology.

Please send letter of application, recent curriculum vitae and names and coordinates of at least 3 referees by October 31, 2001 to: Dr. Carolyn Compton, Professor and Chair, Department of Pathology, McGill University, 3775 University St., Room B15, Montreal, QC H3A 2B4. Tel: 514-398-7192, ext. 7194; Fax: 514-398-7446; e-mail: [compton@med.mcgill.ca](mailto:compton@med.mcgill.ca)

### McGill University

The Department of Pathology, McGill University and McGill University Health Centre (MUHC) invite applications for two full time staff positions in Anatomic Pathology. The positions are open to new graduates and experienced pathologists. The successful candidates will participate in general diagnostic work and the teaching of medical students and residents. Established expertise or willingness to develop expertise in one or more specialty areas (e.g., cytopathology, cardiovascular, transplant, dermatopathology, soft tissue/bone and head and neck pathology) is desired. Opportunity for collaborative or independent research is available. Candidates

should be certified in Anatomic Pathology by the Royal College of Physicians and Surgeons of Canada and/or the American Board of Pathology.

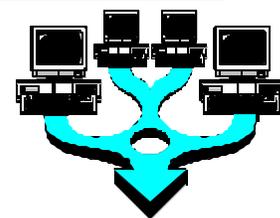
In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. McGill University is committed to employment equity and encourages applications from all qualified men and women, including but not limited to visible minorities, aboriginal peoples, and persons with disabilities.

Please send letter of application, recent curriculum vitae and names and coordinates of at least 3 referees by November 15th, 2001 to :

Dr. Carolyn Compton, Professor and Chair,  
Department of Pathology, McGill University  
3775 University St., Room B15, Montreal, QC  
H3A 2B4 Canada  
Tel : (514) 398-7192 Ext. 00515; FAX : (514)  
398-7446; Email : [compton@med.mcgill.ca](mailto:compton@med.mcgill.ca)

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## Network News



### Patient Care System Upgrade

"Menon, Geetha" <[menong@KGH.KARI.NET](mailto:menong@KGH.KARI.NET)>

The Upgrade to the Patient Care System (PCS) is scheduled to occur on Monday October 8th, 2001 (Thanksgiving Monday). Preparations for this upgrade began in the Spring, and are now well under way across the multiple sites that access the PCS. These preparations include configuring pc's and printers properly, and ensuring that PCS users are ready for the new software, called Patient1.

On October 8th, the icon on your desktop called PCS Terminal will be replaced with an icon called Patient1-PCS. Patient1 is software that incorporates the look, feel and features found in modern Windows applications, while maintaining the PCS functions and workflows you are familiar with.

Between now and October 8, the hospitals are also undergoing upgrades to the Network infrastructure and workstations. The end result of all this activity will be faster, more reliable access to the hospital computer systems.

While we are trying to minimize the impact of this activity on daily operations, there may be some interruptions in service. We appreciate your patience during this period of change.

### Agfa Flatbed Scanner

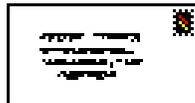
has moved (Wednesday September 12<sup>th</sup>, 2001) from autopsy on the PHOTOMIC workstation up to Troy Feener's office on Rich4.

- PHOTOMIC has become too busy creating digital imagery
- We are expecting to start scanning EM negatives and putting online the LISImage server. Note there are 2 other flatbed scanners in the Path library.

### Email Traffic:

August 1995: 2251  
 August 1996: 2732  
 August 1997: 4412  
 August 1998: 5337  
 August 1999: 14382  
 August 2000: 15763  
 August 2001: 21975

The above lists the number of pieces of email in and out, and in general, they are getting bigger as more and more people send more and larger attachments.



### Pegasus Mail v3.12c Email Tips

The current version of Pegasus came out on February 24<sup>th</sup>, 2000 and we were using it shortly after that. Version 4 beta came out in early September and initial testing looks good. We can expect to upgrade sometime in October.

### LISImage

The digital image web site is up and running at <http://lisimage/>



Date	#cases	#photos	Total Gb
2001 Sept 12 <sup>th</sup>	1529	5988	4.5
2001 August 7 <sup>th</sup>	1501	5849	5.4
2001 July 3 <sup>rd</sup>	1414	5452	4.8
2001 June 06 <sup>th</sup>	1307	4948	3.0
2001 May 03 <sup>rd</sup>	1224	4520	2.3

### Server Uptimes

(All of these servers underwent hardware upgrades recently)  
 Web Server up 46 days,  
 CD Server up 52 days,  
 LISImage up 52 days  
 Richlab1 and 2 are rebooted every Monday morning as they are unstable after a couple of weeks.

### Laptop #2

A 2<sup>nd</sup> departmental laptop equipped with ZIP Drive will be entering service before the end of September. It will be booked in the same way as Laptop #1 and is already on the OUTLOOK calendar system. We are just awaiting a carry bag for it.