MESSAGE FROM THE CHAIR

It has been about eight weeks since I was given Clarence’s preferred parking pass (kind of like the key to the executive washroom, I suppose) and I am certainly delighted with the challenges and opportunities of the position. This is truly a remarkable department with it’s geographic, cultural and social diversity. I have been really impressed with the quality and depth of the teaching enterprise, the research programs and the skill and dedication of staff. When the department pulls together, it is certainly very impressive, tremendous progress can be made and tough storms can be weathered.

During the last eight weeks, my time has been spent meeting as many of you as possible (that has been great) and dealing with budgetary pressures (that has been bad). There is no doubt that this department, with it’s size and research intensiveness, is particularly vulnerable to challenges in the OMAF contract. By press time for this newsletter we all will have heard the President’s address on the University wide shortfall caused by a lack of funding on the MTCU side. This will also negatively affect the department. For sure the next year will see many challenges and some difficult days, but new opportunities as well. When we get through this period, on the other side, I see improved funding through MTCU, more graduate student spaces and greater stability to the OMAF contract.

We need to be positioned to take advantage of these opportunities. For that reason I have asked, and the faculty has approved, the development of a strategic planning steering committee chaired by Dave Wolyn. The committee will set down the operating principles for the development of a vision and strategic plan for the Department. Everyone will be involved in the development and final approval of these key beacons. This should set the stage for where we need to be in the next 5-10 years and how we are going to get there.

I remain constantly amazed at the quality and complexity of the work that you provide daily to the department, the University, and society. It is important work and you should be very proud of what you all are contributing.
WELCOME
NEW GRADUATE STUDENTS TO THE
DEPARTMENT OF PLANT AGRICULTURE

Andrew Burt, MSc (E. Lee)
Raja Ram Khanal, MSc (L. Lukens)

Rachel Riddle
I was raised on a dairy farm in the small village of Wilsonville, Ontario located 20 minutes north of Simcoe. My interest in agriculture naturally evolved at a young age, but my appreciation of agriculture did not develop until I attended university. My undergraduate years were spent at the University of Toronto working towards a BSc degree, majoring in biology and zoology. I worked as an integration pest management scout for Agricultural Integrated Management Services (AIMS) for three summers during university. It was this experience that really sparked my appreciation for agriculture.

Following graduation I decided to join the working world. However, I did not stray from the institution of academia. I became employed at the University of Guelph, Simcoe Campus as a Technician in the berry program under the supervision of Dr. Adam Dale. I worked for a year assisting in strawberry breeding and greenhouse raspberry trials. For the past eight months, I have been working as a Research Technician in the weed science program under the supervision of Dr. John O’Sullivan in Simcoe. This past fall I started my MSc under the supervision of Dr. John O’Sullivan and Dr. Clarence Swanton.

My research project will evaluate percent injury and yield numbers of various crops grown in rotation after an application of the herbicide Callisto (mesotrione). My research will also involve developing a greenhouse bioassay for detecting mesotrione in soil. My work and educational experience within the Department of Agriculture has been very positive and I anticipate this will only continue as I proceed through my graduate studies.

In my spare time I enjoy running, hiking, and skiing and this summer I hope to pick up mountain biking.
Shawn Clark

I grew up in the village of Blyth, population 900, located about an hour and a half west of Guelph in the middle of nowhere. Though I would like to claim that agriculture was a keen interest in my life while growing up, I was far more interested in getting away from rural life. I did my undergraduate degree here at Guelph in the department of molecular biology and genetics. While an undergrad, I developed an interest in plant biology and took a number of courses to complement my degree with a plant background.

During my fourth year, I did a research project with Dr. Barry Shelp on gamma-aminobutyrate (GABA) metabolism in plants. Having been captivated by GABA metabolism, in the following year I enrolled in the masters program in the Department of Plant Agriculture and transferred to the Ph.D. program after the first year. My thesis is focused on elucidating the role of the enzyme GABA transaminase, which catalyzes the breakdown of GABA in plants. When I’m not stuck in the lab I enjoy an active role in the University’s Taekwondo club teaching a beginner level class through the Athletics Centre. I also enjoy wilderness camping during the warmer months or just relaxing with a good book.

Marie Hamel

All my life I had close ties to the agricultural world, even though I was born and raised in Québec City. My uncle and my brother, being farmers in the Richelieu valley (near Montréal), greatly contributed to my choice of agricultural studies.

I did my BSc in agronomy at Université Laval in Québec City. From there I decided that I should further advance my knowledge of agriculture by going into graduate studies. So here I am at the University of Guelph in the Department of Plant Agriculture. I am currently in my 5th semester of the MSc program studying soybean breeding under the supervision of Dr. Istvan Rajcan. My project is about finding novel proteins coming from a soybean interspecific cross.

I was very fortunate to have received the Ontario Graduate Scholarship in Science and Technology, Soybean Research Scholarship and the University of Guelph Graduate Scholarship.

Upon completing my graduate studies I would like to contribute to field crop development either here in Ontario, in Québec or wherever my taste for adventure will bring me!
Zia Ullah

I was born and raised in the province of North West Frontier, Pakistan (N-W.F.P.), more specifically in the valley of Charsadda. An area of high, barren mountains dissected by fertile valleys, it is predominantly agricultural. The region has been historically and strategically important due to passes leading into India.

After my grade 12 graduation, I enrolled in the BSc Horticulture program at N-W.F.P., Agricultural University Peshawar, with an aim to develop new cultivars and management practices that will please growers, processors, and consumers. To achieve this aim, after completion of my MSc program, I joined (1992-2002) N-W.F.P. Agricultural University Research System, Peshawar, Pakistan as a Research Officer. During my tenure, I evaluated different management techniques and cultivars of fruits and selected the best, which are suitable for the agro-climatic condition of N-W.F.P. of Pakistan. According to agricultural statistics, a remarkable increase in the production of different fruit was recorded as they were found more favourable with respect to their excellent adaptability to the environment.

In 2004, I came to Guelph to work on my MSc under the supervision of Dr. J. A. Cline. I continue my research on the effect of different mulches on the efficient use of nitrogen and growth of apple in high-density orchard. It has been a very rewarding experience so far, especially the world class faculty, excellent courses and lab facilities, the open door policy of professors, and the kindness of the people in this department. In addition, I am extremely thankful for the financial support from the Natural Sciences and Engineering Research Council (NSERC) for providing Industrial Post Graduate Scholarship.

After school hours, I enjoy cooking different Chinese and Asian foods. I also like to browse the net in my free time.
John’s connection with agriculture started at a young age when he was exposed to horticulture on a hobby fruit farm in Grimsby, Ontario, and later, helping to establish a family commercial orchard near Owen Sound, Ontario. At a young age John recalls accompanying his father to the Horticultural Research Institute of Ontario (Vineland) where his father conducted research in plant nutrition. Many trips were also made as a child to his grandparents’ dairy farm near Hickson (Oxford County). These combined early impressions and interest in agriculture led John (and his twin brother Paul) to enroll in the BSc (Agr) program at the University of Guelph in 1983. He spent summers working with the soil survey unit at the Guelph Agriculture Centre, with Dr. Eric Beauchamp, University of Guelph and with the Pest Monitor Group, OMAF, Vineland. After completing his BSc in 1987, majoring in soil science, John pursued a MSc in Horticulture at Michigan State University followed by a PhD in Horticulture at the University of London, Wye College, UK. His research on rain-induced cracking of sweet cherries, was conducted at East Malling Research Station, 60 km south east of London, with projects in Ullensvang, Norway and Blenheim, New Zealand.

After completing his PhD, John began a career focusing on apple research (90%) and extension (10%) at the Horticultural Experiment Station, Simcoe in 1994. Since transferring to the Department of Plant Agriculture in 1997, his research responsibilities have broadened to include other tree fruit species grown in Vineland, including peaches, cherries and plums. The primary objective of his research is to advance the understanding of the physiological process influencing tree growth, flowering, fruit productivity and fruit quality. With the help of Debbie Norton, Agricultural Technician, this research is conducted at their research orchards and labs in Simcoe and Vineland. Projects involve several aspects of tree fruit production, but focus primarily on benefits of trickle irrigation, use of plant bio-regulators, rootstock and scion interactions, orchard planting systems, soil management and plant nutrition, and prevention of rain-induced cherry cracking. Recently, he has initiated a project in nutrient management of apples and peaches, which is been overseen by Dr. Elina Coneva, Research Associate. Further details about his research can be found on the departmental website at http://www.plant.uoguelph.ca/faculty/jcline/.
Dr. Stan Young died on December 30, 2004 in Guelph. Stan was the Extension Specialist in the Department of Field Husbandry and its successor, the Crop Science Department. He was a 1949 OAC graduate and completed his PhD at Cornell University.

Stan was a born organizer and he loved people. He excelled in setting up meetings, keeping producer groups informed and running conferences. Toward the end of his career at OAC, he was in the Dean’s Office as the coordinator of extension.

The Young family came from a hardscrabble farm about three miles north of Cochrane, yet both Stan and his younger brother Les obtained PhD’s and were U of G faculty members. Another brother, Murray, was also an OAC graduate who went on to a career in teaching.

When I came to the Crop Science Department as a new faculty member in 1966, I had the good fortune to have both Stan Young and George Jones as mentors on extension and “getting the word out.” Stan would make sure we wrote for Crop Notes, which was a regular department extension publication, press releases, Agdex information sheets, and that we developed relationships with producer groups. Even with all that, Stan did far more extension than the rest of us, with the possible exception of George Jones.

Through all his traveling and night meetings, his wife Audrey supported his activities. Some of you will know their children. Doug is a lecturer at Ridge-town and both Barbara and Laura are OAC grads and have been active in the agricultural industry.

Those who knew Stan offer their sincere condolences to all his family.
Dr. Jack Tanner died on November 21, 2004, after battling deteriorating health for about two years. Jack was a faculty member of the Crop Science Department from 1959 until 1997. Here is just a snapshot of Jack’s productive career and contributions.

· Chairman of the Crop Science Department for 12 years plus was Head of the Crop Science Department and Team Leader of the Guelph Team at the University of Ghana for two years.
· Developed an international reputation promoting narrow row production of corn and soybeans.
· Taught 18 different courses.
· Won the OAC Distinguished Teacher Award.
· Developed or co-developed 19 soybean varieties and two peanut varieties.
· Supervised 43 graduate students.
· Honorary President of six OAC classes over a period of 20 years.
· Consultant with the Canadian International Development Agency or similar agencies on 10 different projects in Zambia, Ghana, the Caribbean, Saudi Arabia, China, Bangladesh, Peru, Kenya and Malaysia.
· Member of the U of G’s Board of Governors for three years.
· Chairman of the Government of Ontario Task Force on the Long-term Future of the Ontario Wine and Grape Industry from ’84-'86. The major recommendation in their report was to assist growers in removing the old Labrusca grapes and replace them with fine wine varieties so that Ontario could develop a fine wine industry.

Jack is survived by his wife Melba, three children, two stepdaughters and several grandchildren. As Jack’s friend, J.J. Huber said at the celebration of Jack’s life, “Agriculture lost a really good friend.”
Microsoft Windows AntiSpyware -
by Jim Hoare, IT Technician

(Most of this article was originally published by MicroSoft: January 6, 2005)

Overview

Spyware has risen to the top of many PC users' lists as one of the most vexing challenges they face today.

Microsoft (MS) intends to provide both Anti-virus and Anti-spyware software programs either as part of its operating systems or as a separate commercial component. Back in 2003, the company purchased GeCAD to acquire the rights to its antivirus software, and more recently in 2004, Microsoft bought Giant software company, a manufacturer of anti-spyware software among other applications. On January 6, 2005 Microsoft made the beta version of its new Anti-spyware software publicly available for download. This beta software will cease to function in June of 2005 (or whenever Microsoft decides to stop it) so expect a commercial version around that time. How Microsoft plans to license the commercial version when it does appear is not currently known.

MS Windows AntiSpyware (Beta) is a security technology that helps protect Windows 2000 and XP users from spyware and other potentially unwanted software. Known spyware on your PC can be detected and removed. This helps reduce negative effects caused by spyware, including slow PC performance, annoying pop-up ads, unwanted changes to Internet settings, and unauthorized use of your private information. Continuous protection improves Internet browsing safety by guarding more than 50 ways spyware can enter your PC.

Benefits

Detect and remove spyware:

✓ Easily detect spyware on your PC. Quickly and easily find spyware that can slow down your computer, display annoying pop-up ads, change Internet settings, or use your private information without your consent.

✓ In-depth spyware removal returns your PC to normal. Straightforward operation and thorough removal technology make it easy for people of all skill levels to eliminate detected spyware. If you inadvertently remove any programs, you can easily get them back.

✓ Maintain your PC with regularly scheduled spyware scanning and removal. Regularly scheduled spyware scans help maintain your PC. They can be run when it's convenient for you: on-demand or on any schedule you set.

Continued on Page 9...
Continued from Page 8...

√ Stay in control of what's running on your PC. Quickly discover and remove unwanted programs that may have been installed without your consent. If you inadvertently remove any programs, you can easily get them back.

**Improve internet browsing safety:**

√ Help stop spyware in its tracks with continuous protection. Windows AntiSpyware improves Internet browsing safety by guarding more than 50 ways Web sites and programs can put spyware on your PC.

√ Protection that doesn't distract you from using your PC. Windows Anti-Spyware works in the background, automatically handling spyware based on your preferences. This enables you to use your PC with minimal interruption.

√ Undo unwanted changes to Internet Explorer settings. Easily restore Internet settings that are persistently changed by spyware, including your home page or the default search engine.

**Stop the latest threats:**

√ Stop new threats faster with SpyNet™. The voluntary, worldwide SpyNet™ community plays a key role in determining which suspicious programs are classified as spyware. SpyNet™ participants help to discover new threats quickly so everyone is better protected. Any user can choose to join SpyNet™ and report potential spyware to Microsoft.

√ Spyware expertise you can rely on. A dedicated team of Microsoft researchers scours the Internet to discover new spyware and develop methods to counteract it.

√ Automatically stay up to date. Updates to counteract new spyware are automatically downloaded to your PC, helping to keep you protected from the latest threats.

**Getting Ready to Install**

MS AntiSpyware software only works on Windows 2000 or XP operating systems!

If you have any other anti-spyware programs on your computer, you should uninstall them and restart your computer before installing MS AntiSpyware. Although removing other anti-spyware programs is not necessary it is recommend because it is possible that MS AntiSpyware could detect spyware that has already been quarantined by another anti-spyware program if the other program has not secured its quarantined files. (Author’s note – I personally didn’t since I wanted to run my existing package after the fact to see if Microsoft’s version missed anything – it didn’t!)

If you don’t have the install file yet, it is available for those at the Guelph campus from PLANTSRV (G:\APPS\ANTI-VIRUS\SPYWARE TOOLS) or it can be downloaded (6.4MB) from:

Continued on page 10...
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Note – MS will insist on validating your Windows install and you will need the product key of your Windows install to perform that step.

**Running the Security Agents**

The MS AntiSpyware definition files are an in-depth threat identification library to help keep your computer protected from new and possibly unknown threats. MS AntiSpyware comes installed with over 100 real-time active Security Agents. Security Agents help to stop most threats before they can be installed and help protect your privacy and identity as well as helping prevent any unauthorized programs from taking control of your computer.

These agents work much like security checkpoints in your computer, monitoring system, application, and Internet changes and activity for anything potentially hazardous.

With real-time protection activated, many spyware applications can be intercepted and disabled before they can be installed, helping to stop potential security leaks before the spyware has the ability to run.

**What Can I Expect from the Real-time Security Agents?**

When software is installed or a change is made to your protected computer, internet, or application settings, System Agents react to analyze the change, and either allow the change if it is known to be safe, block the change if it is known spyware, or prompt you for additional action.

When a Microsoft Security Agent prompts you for action, an alert window appears in the bottom right corner of your screen, which includes information concerning the change allowing you to make an informed decision about whether or not to allow the action to complete.

**Keeping Your Spyware Definitions Current**

The MS AntiSpyware scanning engine uses a definition library of over 100,000 threat files and settings. New spyware threats are constantly being developed to gather personal and financial information, invade privacy, use your computer to send spam, or divert processor power. Because of this, the MS AntiSpyware definition library is regularly updated. When new threats are identified, definition updates are released to help provide optimal protection for your computer and your personal information.

Spyware definitions are files that contain specific signature information that allow MS AntiSpyware to detect and protect you against spyware and potentially unwanted software. A valid MS AntiSpyware subscription is required for you to continue to receive spyware definitions. Keeping your subscription current helps keep your spyware definitions up-to-date. New spyware definitions are released as new spyware is discovered.

Continued on Page 11...
Continued from Page 10...

Setting Up a Scheduled Scan

When you install MS AntiSpyware and complete the Setup Assistant, you can choose to schedule a daily full system scan. If you make that choice, the scan is scheduled automatically.

You can schedule customized spyware scans that run unattended on specific dates and times or at periodic intervals. If you are using the computer when the scheduled scan begins, it runs in the background so that you will not be interrupted while performing other tasks.

If Spyware is Found During a Scan

If MS AntiSpyware discovers potential threats during a spyware scan it presents you with a list of the threats found, detailed information about each threat, as well as recommendations for dealing with the threat.

Understanding the Threat List

For each threat in the list, you are given the opportunity to review in-depth information and perform an action on the threat.

View a Description of the Threat

To view a detailed description of the threat, click the threat in the list, this highlights the selected threat and display more information about the threat. To retrieve further information such as a detailed description, threat alias names, security and stability information, and the threat's author, click Learn more about this threat... in the bottom of the threat description section.

Recommended Actions

MS AntiSpyware analyzes the threat and makes a recommendation on how you should handle the threat. You can, however, override the recommended action by selecting a new action from the menu of actions displayed within the results. In addition MS AntiSpyware provides you with instructions for dealing with the threat.

References

http://www.microsoft.com/athome/security/spyware/strategy.mspx
http://www.pcstats.com/articleview.cfm?articleID=1715
There was a suggestion (Thanks, Jaideep) to create a place where people might find information on recent contributions this Department has made to science.

Maybe a “Scientific Bulletin Board” section which could be a reference area for potential students. There would need to be good participation from faculty and staff and the information kept current for the section to be a true reflection of our scientific contributions. Information from this section may also be posted on our Departmental web site.

What do you think?

~SCIENTIFIC BULLETIN BOARD~

Prof. John Proctor has been appointed to an international Multidisciplinary Expert Panel charged with the development and implementation of a Canadian consumer awareness campaign on the health benefits of ginseng. This initiative is spearheaded by the Ontario Ginseng Growers Association. John will serve on the panel from 2005 to 2007.

Andrew Jones (MSc with P. Saxena) was awarded a travel grant from Technology Vision Group LLC to attend BioPartnering North America on February 6 to 8, 2005 in Vancouver, British Columbia. BioPartnering meetings gather academics with representatives of the leading pharmaceutical, biotechnology, financial, and service companies from around the world to develop focused business development experiences that are consistently excellent, efficient, and cost-effective.
~SCIENTIFIC BULLETIN BOARD~
(continued)

Prof. Jaideep Mathur was nominated to the Editorial Board of PLANT METH-ODS, a newly initiated open access journal by BMC (BioMed Central).

This journal will publish papers dealing with new and innovative techniques developed by Plant Scientists. It will be a very useful addition to the high end Plant Journals.

Jaideep has also been nominated as the Cell Biology Section Editor for a Bio-image library created by BioMed Central. For more information go to: http://images.biomedcentral.com/

Journey of a Single Cell to a Plant
Editors: Susan J. Murch and Praveen K. Saxena
ISBN 1-57808-352-4

A new book was recently published by Science Publishers Inc. that contains detailed reviews by the scientists who made important discoveries in the ability to grow plant cells, the capacity to redirect plant growth and the competence of individual cells to undergo plant morphogenesis. Scientists were asked to recount their experiences and the ideas that lead to a particular breakthrough or change in thinking that allowed new directions to be formed.

The scientific advancements described are the basis for modern agriculture and the recollections of prominent scientists provide valuable insights into the scientific process. Dr. Peter K. Pauls eloquently described his experiences and the implications of his work in a chapter entitled "Protoplasts: Consequences and Opportunities of Cellular Nudity" and Dr. Ken J. Kasha provided an excellent resource for all scientists with his chapter entitled "Plants from Haploid Cells."

The editors are grateful for the contributions and support of the Department of Plant Agriculture in the preparation of this volume.

Continued on Page 14...
Continued from Page 13...

~SCIENTIFIC BULLETIN BOARD~
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2004 UNIVERSITY OF GUELPH BIBLIOGRAPHY - Dr. Calvin Chong

Peer-reviewed journals


Proceedings


Continued on Page 15...
Continued from Page 14...

~SCIENTIFIC BULLETIN BOARD~
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Trade journal/popular press articles


CONGRATULATIONS - to all of the authors that submitted posters to the Student Poster Competition at the Ontario Fruit and Vegetable Convention (OFVC), February 16 and 17, 2005 at Brock University:

Sheila Goodfellow & Rebecca Hallett (Environmental Biology, U of G) won FIRST PLACE ($500) for “Development of a predictive model and comparison of trapping methods for adult swede midge.”

Rosa Aiello & Barry Micallef (Plant Agriculture, U of G) won SECOND PLACE ($300) for “Organic Nutrient Hydroponics: The addition of sugar dramatically enhances tomato growth and yield, How sweet it is.”


Continued on Page 16...
Prof. Clarence Swanton has been elected a fellow of the Weed Science Society of America at the recent WSSA Conference.

Christy Shropshire (Ridgetown) won FIRST PLACE and Peter Smith (Plant Agriculture) won SECOND PLACE in the photo competition at the WSSA Conference held February 7 to 10 in Honolulu, Hawaii.
OPEN HOUSE

Tree and Small Fruit Open House & Equipment Display
Simcoe Research Station
**Thursday, June 23, 2005**
3:00 p.m. until Sunset

Producers, industry representatives, and media are invited to attend a field tour featuring apple, strawberry, pear and peach research and extension activities being conducted at the Simcoe Research Station.

The event will begin at 3:00 p.m. with presentations by University of Guelph and OMAF researchers and specialists followed by a tour of selected apple, peach and pear plots. At 5:30 p.m., a complimentary barbeque will be served followed by a twilight tour of the latest strawberry research, breeding, and extension activities conducted at and from the station.

Advanced phone or e-mail registration is required. Please R.S.V.P. by Friday, June 17 to Ms. Judy Kelly at 519-426-7127, ext. 323, or by e-mail at jjkelly@uoguelph.ca. The Simcoe Research Station is located approximately 5 km east of Simcoe (Hwy #24 and Hwy #3) and 200 metres north of Hwy #3 at 1283 Blueline Road.

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54th Annual Muck Vegetable Conference

April 6 and 7, 2005
Holy Martyrs of Japan Parish Centre
Bradford, Ontario

There is no registration fee for this conference and lunch is provided thanks to the generous contributions of the conference sponsors. The speaker program begins each day at 9:00 a.m.

For more information contact Shawn Janse at e-mail sjanse@uoguelph.ca or Mary Ruth McDonald at e-mail mrmcdona@uoguelph.ca
CONGRATULATIONS to Rob Bowman (technician with Doug Powell) and his wife Andrea on the birth of their son Jonathon weighing 7 lbs 14 oz. on January 1st, 2005!

Excerpt reprinted from the Guelph Mercury:

He arrived more than eight hours past midnight but at just shy of eight pounds, Jonathon Bowman is Guelph’s first baby of 2005.

The newborn was delivered Saturday at 8:30 a.m., weighing seven pounds, 14 ounces and healthy.

“I’m tired. Very tired but very happy,” Andrea Bowman, the baby’s 34-year-old Fergus mother, said a few hours after the birth. “I’ve been up for a long time. But I think I’m still excited.”

Rob Bowman, the baby’s father, said the couple was caught off guard by the fact they have the city’s first baby of the year.

“When we were standing around afterward, one of the nurses stuck her head in and said ‘is this the New Year baby?’ and a few others said ‘yeah,’” he said. “We were just happy that everything is working and he’s healthy but it’s certainly an added bonus.”

Bowman, 39, said the couple felt nervous heading to the hospital Friday night but all that subsided with the flurry of activity around them.

He said seeing and hearing his first child after the delivery was an amazing experience but he couldn’t describe the feeling he had when the staff handed the baby to him.

“Once you actually have him in your arms, that was the most incredible thing for me,” he said. “I think it was such a rush of emotion, I wasn’t even having coherent thought.”
COMING EVENTS

2005

Canada Blooms “Garden Party” - March 9 to 13, 2005, will be held at the Metro Toronto Convention Centre, South Building, Toronto, Ontario. For more information go to: http://www.canadablooms.com/

54th Annual Muck Vegetable Conference - April 6 & 7, 2005, at the Holy Martyrs of Japan Parish Centre, Bradford, Ontario. For more information contact: Shawn Janse at e-mail sjanse@uoguelph.ca or Mary Ruth McDonald at e-mail mrmcdona@uoguelph.ca

Tree and Small Fruit Open House & Equipment Display - June 23, 2005, at the University of Guelph, Simcoe Campus, 1283 Blueline Rd. & Hwy. #3, Simcoe, Ontario. Advanced registration is required by calling Ms. Judy Kelly at 519-426-7127, ext. 323, or by e-mail at jjkelly@uoguelph.ca

Canada’s Outdoor Farm Show - September 13 to 15, 2005, at the University of Guelph Research Station, Woodstock, Ontario. For more information go to: http://www.outdoorfarmshow.com/

International Plowing Match 2005 - Perth County (Rural Expo) September 20 to 24, 2005. For more information go to: http://www.ipm2005/org/

Norfolk County Fair and Horse Show - October 4 to 10, 2005, at the Simcoe Fair Grounds, 172 South Drive, Simcoe, Ontario. For more information go to: http://www.norfair.com/

Royal Agricultural Winter Fair - November 4 to 13, 2005, at the National Trade Centre, Exhibition Place, Toronto, Ontario. For more information go to: http://www.royalfair.org/

2006

27th International Horticultural Congress - August 13 to 19, 2006, COEX Convention Center, Seoul, Korea. For more information go to: http://www.ishs.org/
Introducing Another Great New Library Service

This is an exciting new service just launched by the University of Guelph Library that will be accessible through the journal indexes and through RefWorks. It will provide a seamless link between the citations you retrieve in database searches and the full-text of an article, whenever the library has access to that particular journal.

How Does It Work?

While searching the journal indexes, when you see the button beside a citation, simply click on the button to view a menu of options for obtaining access to the article cited.

The resulting menu will provide you with direct links to full-text articles from online journals licensed by the University of Guelph. If online full-text is not available, other options such as a link to the library catalogue to check availability of the print version of the article or a link to the RACER Interlibrary Loan/Document Delivery service to request articles not available in either print or online will be listed.

You may find a case where 'Get it!' tells you that the item is not online, but when you check TRELLIS, you discover that it is. This is because we are still activating journals through this service. In a few months, the majority of the journal indexes the library has to offer will provide this 'Get it!' service. There will be some journal indexes for which it will not be possible to provide a link button. Check the following section for a list of some of the science journal indexes in which this service is currently available.
Continued from Page 20...

Journal Indexes Offering the service.

In some of the journal indexes such as CAB you need to select and open the reference for the Get it! button to appear.

AGRICOLA (Proquest)
Biological Sciences
Biology Digest
BioOne Abstracts and Indexes
CAB (click on citation to activate)
Compendex
Conference Papers Index
Environmental Sciences and Pollution Mgmt
Food Science & Technology Abstracts
MathSciNet
MEDLINE
Plant Science
TOXLINE

Be sure to click on the "Feedback" link at the bottom of any 'Get it!' menu launched from a journal index to tell us what you think.

Here is link to Frequently Asked Questions about

http://www.lib.uoguelph.ca/news/get_it/faq.html
WEB SIGHTS

by Judy Wanner, Liaison Librarian

Electronic Reference Aids At Your Finger Tips – On or Off Campus


A particularly useful agricultural reference product is the U.S. National Agricultural Library Agricultural Thesaurus which has just been updated for 2005. This is an online tool for browsing agricultural and biological concepts and terminology that contains approximately 63,800 terms, 480 scope notes and 1,640 definitions, relating to agriculture and food. This would make a good link for a course web page. Take a look at: http://agclass.nal.usda.gov/agt/agt.htm

Another useful reference, a list of Academic Programs in Horticulture, Plant Science, and Agriculture, has been compiled at the Paul Evans Library of Fruit Science in Missouri http://library.smsu.edu/paulevans/academicdepts.shtml This is a comprehensive international list but only contains programs that have homepages.

Continued from Page 5...

Dr. John Cline

John has been involved with teaching the Graduate Seminar course (Hort 6500/Crop 6400) and Fruit Production (Hort 4420). Presently, John is co-advising two graduate students, Zia Ullah (MSc candidate) and Ali Taheri (PhD candidate).

John is married to Michelle, who is also a graduate of the University of Guelph (DVM, '88). They have three children. John operates a small nursery, growing containerized landscape species at their heritage home in Niagara.

John is located at the Simcoe and Vineland Campuses. He can be contacted by telephone at 519-426-7127 ext. 331 (Simcoe) or 905-562-4141 ext. 146 (Vineland) or by e-mail at jcline@uoguelph.ca