

# CORNELL UNIVERSITY STATION NEWS GENEVA NEW YORK

VOLUME LXXXI • NO. 13

APRIL 7-14, 2000

## BRIEFS

## Computer Disposal/Recycling

Computers contain toxic elements (including lead and cadmium) which may be harmful to the environment when improperly disposed of. As a result, EPA regulations prohibit disposal of computers in landfills by institutions such as Cornell.

In order to provide the Cornell Community with an environmentally sound disposal alternative, the Cornell University Grounds Department offers free removal/recycling of desktop computers and related equipment.

Equipment must be removed from inventory in accordance with existing University policy prior to pickup. Information related to disposal of capital assets (including computers) can be found at <http://www.univco.cornell.edu/policy/CA.html>

Units must be disconnected and delivered to the Geneva Warehouse.

Acceptable materials are: Monitors, CPU's and hard drives, keyboards, printers, circuit boards, associated cabling and wiring.

For more information, contact Soon Kong at [ssk19@cornell.edu](mailto:ssk19@cornell.edu)

## Gemma Osborne to Join Communications Unit

Please join the Communications Services Unit in welcoming Gemma Osborne as the new administrator. Osborne brings over 10 years of accounting experience to her new job. For the last seven years, she served the Horticultural Sciences Department as an accounts representative. She also serves as president of the Station Club, a post she has held for a year. Osborne replaces Sandy Antinelli, who has moved to the Integrated Pest Management Program as an accounts representative.

Osborne can be reached at [gro2@cornell.edu](mailto:gro2@cornell.edu)

(BRIEFS, continued on page 2)

## Experiment Station Uncorks New Vinification and Brewing Technology Lab



(left to right) Jim Hunter, Ann Martini, Senator Mike Nozzolio, Kathy Russell and Dean Lund cut the ribbon for the new Vinification & Brewing Lab on March 31 at The Experiment Station.

applied Filtration Company (AFTEK); Ann Martini, President, Seneca Wine Trails; Director Jim Hunter; Dean Daryl Lund; and Richard Durst, chairman of the Food Science & Technology Department (FS&T).

"I want to applaud and encourage this public-private-academic partnership," said Nozzolio. "As one who has two degrees from Cornell, I have always been proud of our pre-eminence as a research institution. You do so much to help New York industries. I pledge my continued support of your efforts."

"This project couldn't have happened without state resources and a commitment from State Senator Nozzolio and Governor Pataki," said Lund. He also acknowledged the vision of Mark McLellan, who was the chairman of the FS&T Department at the project's inception three years ago. Lund also detailed how a donation of microbrewing equipment from Miller Brewing in Milwaukee followed him from the University of Wisconsin, to Rutgers, and now to Cornell, where it will be retrofitted and installed as the core piece of the brewing station in the east end of the facility.

"As part of the Station's mission to serve industry, we have long made a major effort for the grape and wine industry," said Hunter. "With the development of this facility, we will be able to develop programs to help the brewing industry." In his comments, Jim Hunter addressed the growth of these industries in New York State. "With the 140 wineries in New York State comes related industries that prosper because of the core wine industry. We needed a larger and better facility to provide the research and training programs to serve these industries."

Hunter also praised the expertise of the Buildings and Properties Unit at the Station. "I

Wine making and beer brewing science are the focus of Cornell University's newest research and teaching facility that celebrated its grand opening at the Experiment Station in Geneva on March 31.

State Senator Mike Nozzolio cut the red ribbon at the formal dedication, which was attended by about 150 industry representatives and members of the Station family. Also participating in the ceremonies were Kathy Russell, Ap-

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(BRIEFS, continued from page 1)

or by calling x2248 (CS). For the next several weeks, she will continue to work in HS in the afternoons from 1-3 p.m., at x 2228.

## PERENNIAL PLANT EXCHANGE

Saturday April 29,  
10 am-Noon  
Experiment Station  
Pavilion

Bring divisions of your favorite perennials. Come at 10 am to set up your plants. The exchange will begin at 10:30. Refreshments will be served. \$1 donation requested to help cover expenses.

If you have any questions, call Rixana @2246 or e-mail at rp14@nysaes.cornell.edu

*To our Station friends and colleagues,  
I sincere and heartfelt thank you  
for the many cards, notes, flowers and  
gifts sent to Gary and I over these  
past months. Your comfort, presence and  
support have made this very difficult  
time a little more bearable.*

*Thank you one and all.*

*Nancy Smith*

(V & B LAB, continued from page 1)

can't stress enough how much of the work was done by our people," said Hunter. "We owe a great deal of gratitude to our own staff." He also acknowledged the leadership of Thomas Henick-Kling, who will direct the wine program, and Karl Siebert, who will direct the brewing effort.

"Few state-run institutions have a Buildings and Properties Unit that cooperates as closely with the research side of activities as does the Station," said assistant director Pat Krauss, who was instrumental in spearheading the day's events. "Our's always has. Other state universities in New York are envious of this unit."

The Lab represents the latest university/industry partnership on the part of Cornell and the Experiment Station. When the project was launched in 1997, the Station sought \$250,000 to \$500,000 in start-up funds, and hoped to establish a \$1 million endowment for staff and programming. So far, over \$210,000 in state funds have been earmarked for the project, and \$70,000 in donations have been made by industry and local wine trails.

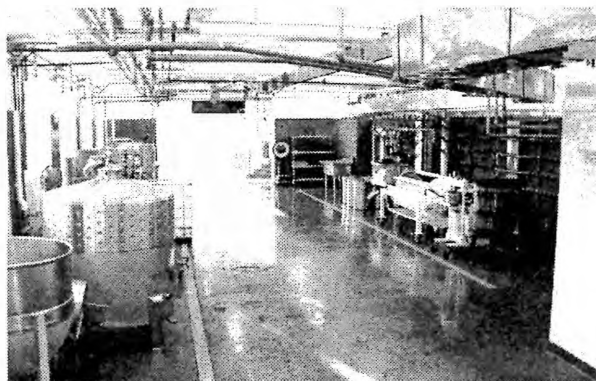
The 2,000 sq. ft. laboratory is specially designed for enology and brewing studies. The former machine shop at the west end of the Food Science & Technology building at the Experiment Station has been emptied, cleaned and painted. Flooring, drainage, steam lines and ventilation have been installed, and an outside delivery and grape crushing area added.

Mashing and lautering vessels, a boiling kettle, and fermenters will be located at one end of the room and dedicated to brewing technology. Near it is the analytical laboratory and office. The other end of the laboratory holds 100 to 500 liter wine fermentation tanks. The central workshop includes de-stemmers, crushers, presses, filters, bottle fillers, and heating and cooling equipment for wine making, some of which has been donated by industry.

The Lab builds on the Station's well-established programs in enology and fermentation science. Previously, the 10,000 sq. ft. Fruit and Vegetable Processing Pilot Plant at the Station was used for fermentation studies, but the wine and brewing industries in the state have grown to such an extent that the Station required a separate facility to properly serve their needs.

If you didn't get a chance to come to the reception and ribbon-cutting, please stop by the lab, which is on the ground floor of the Food Research Laboratory, and see just how nice it looks.

*L. McCandless*



*The new V & B Lab as it appeared before the Open House.*

## Geneva Faculty Take A Long Look at "This Darn Future"

On March 23, 2000, 80 faculty and research associates at the Experiment Station participated in a day-long workshop to look at the future of the Station with a 20 year horizon. To cause participants to think about the future and position the Experiment Station to play a relevant role in terms of research, extension, and clientele, the workshop was called "Visioning 2020."

"To my knowledge, this is the first effort of its kind ever undertaken by faculty and administration at the Station," said Director Jim Hunter.

"We recognized that many changes are occurring in agriculture, sciences and technol-

*(Continued on page 3)*



## Gala Dinner Raises \$17,500 For the V&B Lab

The third annual Vinification and Brewing Lab Gala Dinner and premiere wine country auction followed the grand opening of the Vinification and Brewing Technology Laboratory on Friday, March 31. There were 131 people in attendance at this affair, many of them in black tie and formal dress. At the reception that preceded the dinner at the Ramada Inn Geneva Lakefront and during dinner itself, more than 25 premium wines were served,



Scott Osborn (left) displays the 5 liter of Pinot Noir from his winery that went for \$600. Peter Saltonstall (right) waits his turn to introduce a case of ice wine from Hunt Country Vineyard.

representing the best of the best in New York State. Additionally, a number of premiere beers made by some of New York's microbreweries were also available for tasting.



Jim Hunter talks to Willy Frank, the owner of Dr. Konstantin Frank's Vinifera Wine Cellars.

Dean Daryl Lund once again served as master of ceremonies. A special slide show was presented by the Dean that walked the audience through the various developmental stages of the construction of the V&B Laboratory. Photographer Rob Way, Communications Services, was able to incorporate shots from the actual ribbon cutting and open house held earlier in the day so that the show was as its most current.

Following dinner, close to 40 items, including some of the finest wines ever produced in New York State, bed and breakfast weekends, dinners at local win-

eries, and other items were auctioned to the gathering by Harris Wilcox and his son, Craig. More than \$11,000 was raised in support of the lab as a result of this auction, which is the highest total in the three-year history of the dinner. Another \$6,500 was realized from the dinner itself. Of the \$100 per plate contribution, \$50 went directly to help support the lab.

As both Dean Lund and Director Hunter pointed out in their remarks during the dedication, this lab is a prime example of what can happen when people from the private sector help support programs at the Station. "This is the best example of what a state supported institution can do when industry cares," said Lund.

Many people were involved in the planning and execution of both the dedication and dinner. However, Nancy Long, in FS&T, should be singled out for the extraordinary effort and time she put into the affair. Much of the actual execution of the plans for the afternoon and evening decided on by the committee were undertaken by Long. Both events ran very smoothly, and Nancy certainly deserves a lot of the credit.

Mark McLellan made the trip back from Texas A&M to attend both events, and said he was extremely proud of all that has been accomplished.

R.E. Krauss

(FUTURE, continued from page 3)  
ogy, support for research, and public perceptions about the extent to which universities are addressing critical needs of society, but we were not sure how to consider implications of these changes for the future of the Experiment Station," said Hunter. "Bob Seem spearheaded efforts to develop a futuring process to address this question, conceived of the workshop as a good way to get faculty input, and helped plan much of the logistics for the workshop."

Hunter also credited the faculty for understanding the importance of planning for the future of the Station in a rapidly changing world and actively discussing their views and debating programmatic options for the future.

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## Nozzolio's Efforts to Create Geneva Ag and Food Tech Park Generating Support

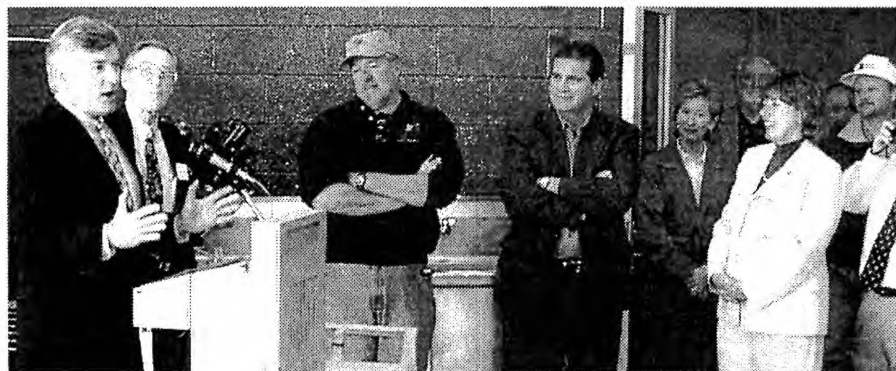
*It has been difficult to secure the legislation required to use state land at the Experiment Station for development of an agriculture and food technology park. The Station has continued to explore opportunities to develop the park, working in close cooperation with Senator Michael F. Nozzolio, (R-53<sup>rd</sup> District), Richard Rising, Director of Economic Development for the City of Geneva, and Michael Manikowski, Executive Director of the Ontario County Industrial Development Agency.*

*"Senator Nozzolio is making a special effort in this legislative session to pass legislation and secure funds for the initiation of the park," said Director Jim Hunter.*

*Senator Nozzolio's commitment is evident in what follows, which is a portion of a press release from his office, dated March 21.*

GENEVA, NY: Continuing his aggressive efforts to utilize Geneva's national standing as a recognized center in agriculture, food and biotechnology research for job development, State Senator Michael F. Nozzolio (R-Fayette) announced that the State Senate, in its 2000-2001 budget resolution, has adopted his proposal to establish a new Agriculture and Food Technology Park at the New York State Agricultural Experiment Station in Geneva.

"The establishment of an Agriculture and Food Technology Park at Geneva's Experiment Station will make Geneva a magnet for hundreds of new high-paying biotechnology jobs, and a catalyst for additional economic growth in the Finger Lakes region. This, in turn, will help Geneva and our entire region in becoming a leader in high technology and biotechnology business growth. The Ag and Food Tech Park will



*At the Open House for the V & B lab, Senator Nozzolio talked about his efforts to pass legislation to initiate the Ag and Food Tech Park.*

also greatly enhance Geneva's national standing and reputation as a major research center for the development of new agricultural technologies," said Nozzolio.

Last year, the State Senate approved legislation Nozzolio sponsored allowing for the establishment of a new Agriculture and Food Technology Park at Geneva's Experiment Station. The State Assembly, however, failed to adopt this proposal.

"The State Senate is taking another important step forward in bringing this project to fruition by making the establishment of this Park one of our priorities in this year's budget negotiations" added Nozzolio.

The Ag and Food Technology Park's mission is to foster the creation, retention and expansion of agriculture, food science, and biotechnology research enterprises to help improve the overall economy of the City of Geneva, Ontario County, the Finger Lakes

and New York State. The Park would allow start-up and establish companies to carry out research in agriculture, food science, and biotechnology that complements the research and extension programs of the Experiment Station.

"The Ag & Food Tech Park would enable the Experiment Station to continue to attract and retain the brightest scientists from around the nation by providing a stimulating and innovative research environment for the development of new agriculture, food sciences, and biotechnology initiatives. This research is critical to ensuring that New York State continues to keep pace with new technological advancement and that New York's producers remain profitable and competitive in the growing marketplace," Nozzolio added.

In recent years, Senator Nozzolio has secured nearly \$1 million to support the New York State Agricultural Experiment Station. This funding has been instrumental in helping the Experiment Station make critical upgrades to their equipment and facilities.

"The Experiment Station plays an integral role in ensuring the continued viability of New York's \$3 billion fruit and vegetable industry. The establishment of the Agriculture and Food Technology Park will help to ensure that the Experiment Station remains a world leader in agriculture, food and biotechnology research and that Geneva and the entire Finger Lakes region becomes the catalyst for future high technology and biotechnology business growth," Nozzolio concluded.

*(FUTURE, continued from page 3)*

Davis R. MacKenzie, Executive Director of the Northeast Regional Association of Agricultural Experiment Stations and workshop facilitator, "reminded us that we are planning 30 years or more ahead whenever we fill faculty positions," noted Hunter. "This means as faculty we must accept the responsibility to engage in critical thinking to deal with what one professor referred to as 'this darn future'."

Following Hunter's introductory remarks, Charlie Kruzansky, associate director of governmental affairs at Cornell, provided insight on changing government priorities and demographics in New York, and their potential impact on the Station.

"The gap between what legislators know and what the NYSAES does is growing.

*(Continued on page 5)*



**AGRICULTURAL RESEARCH SCIENCE TECHNICIAN****GS-404-05/06/07****U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH SERVICE**

The Plant Genetic Resources Unit located in Geneva, New York is seeking to fill a permanent full-time Agricultural Research Science Technician (Vegetable crops) position to provide technical support to Research Scientist. Duties will include: germplasm characterization; evaluating the vegetable introductions in the field, greenhouse, and growth chambers; digital imaging; taxonomic identity. The salary range for this position is \$22,819 - \$36,741 per annum. To qualify, candidates must have U.S. citizenship; a bachelor's degree or 24 semester hours of any combination of biology, chemistry, statistics, entomology, animal husbandry, botany, physics, agriculture or mathematics and/or at least one year specialized experience. For more information on the research program contact Dr. Warren Lamboy at 315-787-2359. To obtain additional information and application forms, visit our web site at <http://www.ars.usda.gov/afm/hrd/vacancy/vac2.html> or call Tiffany Fisk at (315) 787-2307. Applications in response to this ad must be marked with the vacancy announcement number (ARS-X0E-0264) and postmarked by 05/01/2000.

**AGRICULTURAL RESEARCH SCIENCE TECHNICIAN****GS-404-05/06/07****U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH SERVICE**

The Plant Genetic Resources Unit located in Geneva, New York is seeking to fill a permanent full-time Agricultural Research Science Technician (Plants) position to provide technical support to Research Scientist. Duties include: watering, pruning, and insect and disease control; inoculating grape plants; evaluating, collecting, preparing and recording experimental data; maintaining plant parasitic nematode and phylloxera populations. The salary range for this position is \$22,819 - \$36,741 per annum. To qualify, candidates must have U.S. citizenship; a bachelor's degree or 24 semester hours of any combination of biology, chemistry, statistics, entomology, animal husbandry, botany, physics, agriculture or mathematics and/or at least one year specialized experience. For more information on the research program contact Dr. Warren Lamboy at 315-787-2359. To obtain additional information and application forms, visit our web site at <http://www.ars.usda.gov/afm/hrd/vacancy/vac2.html> or call Tiffany Fisk at (315) 787-2307. Applications in response to this ad must be marked with the vacancy announcement number (ARS-X0E-0268) and postmarked by 05/01/2000.

ARS IS AN EQUAL OPPORTUNITY EMPLOYER

**WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY***(FUTURE, continued from page 4)*

More and more are scared by what you do and don't understand the implications," said Kruzansky. He suggested tying accountability to jobs. "Economic development could trump any concerns legislators feel about science and technology," said Kruzansky.

This was followed by MacKenzie's remarks on the federal government's "accountability factor" which has been "ratcheted up" under the Clinton Administration's 1993 Government Performance and Results Act (GPRA). "This act means experiment stations are going to have to spend more time on strategic planning and result reporting. He also talked about how the 1998 Farm Bill provided opportunities for funding new projects like genomics, biotechnology, food safety, natural resources, farm efficiencies, IPM, water quality and FQPA implementation. To prime the pump, he also provided ten rules for dealing with change.

There were two breakout sessions of four groups, each with different questions to consider. Department chairs served as facilitators of each group. Graduate students were recorders. Each breakout session was followed by a report to the group at large from

a faculty member from each group, followed by an open discussion.

Nine themes became evident through the futuring breakout discussions, according to a summary provided by MacKenzie following the workshop.

- Assuring relevance to stakeholder needs;
- Maintaining responsiveness to NY agriculture;
- Revisiting the Station's mission statement;
- Adjusting the Station's agenda;
- Being functionally well integrated;
- Building stronger internal and external links;
- Enhancing advocacy for the Station and Cornell University;
- Marketing the successes of the Station; and
- Strategies needed to bring about desired change.

One participant said we were "trapped" by the current mission statement because it was too confining for the Station to be fully responsive and relevant.

Another theme expressed throughout the breakout sessions was the need for the Station to remain alert to changing needs and

opportunities, and to respond by adjusting the Station's research and extension agenda. This could include shifting the Station's portfolio of activities to possibly include (among other things) more work with ornamentals and turf, adjusting decision on hiring patterns, and enhanced planning for development of Station facilities. One group spend a lot of time discussing a new focus for the Station that could be summarized as "Individual Health, Environmental Health, and Community Health." Another suggestion was to embrace technology that would create jobs e.g. genomics, food processing, and E-Cornell.

Much time was spent discussing the role of biotechnology in the future of the Station.

The need to market the Station's accomplishments is only going to expand as elected decision-makers demand clear explanations of the results from past investments, and the anticipated benefits from future allocations.

Some questioned the Station's role in educating the public about technical issues and intensely emotional issues like the debate about genetically modified organisms. The need for a visitor center as a way of promoting agritourism that would be in the Station's best interests was also mentioned.

One question raised by Terence Robinson was how this visioning workshop related to the overall CALS vision of the future, and the need for Geneva to work in cooperation with departments on the Ithaca campus.

At the end of the workshop, participants were concerned about what the impact of the workshop would be on planning for the "after today." It was decided that a short survey questionnaire would be prepared. Faculty would then be asked to identify the few items (say five) from a list of 30 to 40 items that they saw as most important. This would help administration select the higher priority topics that should receive the most attention as the Station moves to position itself for the next two decades.

"The workshop was a great beginning for the faculty as a whole to become engaged in planning the future of the Experiment Station," said Hunter. As a follow-up to the workshop, he hopes groups of faculty from across the campus who have common interests and a vision for the future will come together to continue the planning begun at the workshop. "I would welcome suggestions for how the Directors' office might assist such a grassroots effort," he said.

*L. McCandless*

CALENDAR OF EVENTS

MEETINGS

**CALS Chairs' meeting**

**Date:** Tuesday, April 11, 2000  
**Time:** 10:30 a.m.  
**Place:** 348 Morrision Hall

**Chairs' and Unit Leaders' meeting**

**Date:** Wednesday, April 12, 2000  
**Time:** 3:00 p.m.  
**Place:** FST Conference Room

SEMINARS

**HORT SCIENCE**

**Date:** Monday, April 10, 2000  
**Time:** 11:00 a.m.  
**Place:** Jordan Hall Staff Room  
**Title:** "Physiological Effects of Summer Pruning on Apple Trees"  
**Speaker:** Mr. Kuo-tan Li, Graduate Assistant, Department of Horticultural Sciences, Geneva

**PLANT PATH**

**Date:** Tuesday, April 11, 2000  
**Time:** 3:30 p.m.  
**Place:** A133, Barton Lab  
**Title:** "No Sticky, No Sicky: Adhesion and germination of *Phyllosticta ampellicida* Pycnidiospores"  
**Speaker:** Brian Shaw, Department of Plant Pathology, Geneva

LTC

**Date:** Tuesday, April 11, 2000  
**Time:** 10:30 - 11:30 a.m.  
**Title:** Microsoft Power Point 98  
**Place:** Jordan Hall  
**Instructor:** Pat Krauss

**Date:** Thursday, April 13, 2000  
**Time:** 9 a.m. - Noon  
**Title:** Excel Intermediate I  
**Place:** Jordan Hall  
**Instructor:** Cheryl TenEyck

FITNESS

**AEROBICS AT THE SAWDUST CAFE**

**Date:** Monday, Wednesday and Friday  
**Time:** 12:10 to 1 p.m.  
*(Continued in next column)*

*(FITNESS, continued)*

**TAEKARDIO**

**Date:** April 10 and 12, 2000  
**Time:** Noon  
**Place:** Jordan Hall Auditorium

CLASSIFIED

**WANTED:** 2 BR cottage on Seneca Lake for the month of July for my 70-year-old Dad who wants to golf, fish and escape the Florida summer heat. Sunrise or sunset; East or West side. No more than 20 miles from Geneva, please. Any leads will be rewarded! llm3@cornell.edu, or x2417.

**FOR SALE:** 2 bicycles- # 1 Huffly, 3-speed(Shimano), 15 years old, good condition, \$10. # 2 Takara, 10-speed, 10 years old, excellent condition. \$50. Contact Mary Beth at x2618 or mes33.

**FOR SALE:** Scuba equipment: oceanic ocean sport BC, size M, near mint, black with blue trim, comes with blue carry bag. \$300 or best offer. Contact Mike Fordon at x2214 or mpf8.

*(Classified, continued)*

**FOR SALE:** 1989 Ford Escort LX, 4 door hatchback, 5 speed, one owner, 168k miles, some rust. Maintenance records available, runs well. \$1100. Contact Mary Beth at: mes33@cornell.edu

**FOR SALE:** Refrigerator and electric range and electric dryer. All in excellent condition. Call Nancy at x2313 or 789-5485.

**FOR SALE:** Two new Goodyear tires on new rims, size P185/75R14 with mud and snow tread for \$95. Call Bob Kime at x2258 or rwk1@cornell.edu.

**WANTED TO RENT:** An apartment or a room in a house (with access to kitchen facilities) for a Postdoc arriving in Geneva in April. Needed for April and May only. Any leads would be very much appreciated. Contact Greg English-Loeb at x2345 or e-mail gme1.

**WANTED TO RENT:** Post-Doc and PhD Student need a house to rent near the Station. Dawn and Torcy will be moving here in July and anticipate living in Geneva or the surrounding area for 2 or 3 years. They have 2 large dogs and are looking for a nice, quiet home to rent. If you have any ideas please call 607-539-3293.

**TWO TEACHING POSITIONS AVAILABLE AT HOBART & WILLIAM SMITH COLLEGES**

**MICROBIOLOGIST POSITION**

Applications are invited for a one- or two-year position in microbiology starting August 2000. Responsibilities include teaching a course in microbiology and an introductory course for majors on cellular and molecular biology.

**BIOLOGIST POSITION**

Applications for a one- or two-year position in biology starting August 2000. Responsibilities include teaching the laboratories for an introductory course for majors on organismal and population biology, teaching a course in the candidate's area of specialty, and contributing to the Colleges' Environmental Studies Program.

Hobart College for men and William Smith College for women are coordinate residential liberal arts colleges that share a faculty and campus. For more information on the Biology Department, please see our web site: <http://www.hws.edu/aca/depts/bio/index.html>.

Applicants should send curriculum vitae, a statement of teaching philosophy and interests, official transcripts for all degrees received, and three letters of reference to Dr. Elizabeth Newell, Biology Department, Hobart & William Smith Colleges, Geneva, NY 14456; e-mail: [newell@hws.edu](mailto:newell@hws.edu); phone: 315-781-3590; FAX: 315-781-3860. Review of applications begins April 26 and will continue until the position is filled. Preference will be given to candidates with a Ph.D. and teaching experience. Hobart & William Smith value diversity and especially encourage applications from women and people of color.



**I've learned....  
 that the less time I have to work with,  
 the more things I get done.**

**Andy Rooney**