

# CORNELL Chronicle

Volume 28 Number 3 September 5, 1996

## BELOW THE CELL LEVEL

Subcellular sampling technique opens the door to a broad area of basic medical exploration.

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## SINGING ITS PRAISES

Cornell-based radio show "Bound for Glory" and its host Phil Shapiro are honored by the city of Ithaca.

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## Native Americans call for unity and dialogue at weekend conference

By Jill Goetz

For the more than 130 men, women and children from the Six Nations of the Iroquois Confederacy and some other nations who attended the "Indian Economic Futures" conference at Cornell last weekend, no clear answers were provided and no detailed strategies outlined for fighting what they believe is the most serious threat to their sovereignty in over 100 years: states' attempts to tax them.

There was only the knowledge that by coming together for this two-day conference, organized by the university's American Indian Program, they were taking an important first step toward conciliation at a time when internal divi-

sions threaten to tear them apart.

Native Americans' tax-exempt status, as outlined in the U.S. Constitution, has been a growing thorn in the side of many state legislators and non-Native business owners — especially over the past 15 years, as tax-exempt bingo halls, gas stations and smoke shops have taken root in the territories of the Six Nations (Seneca, Cayuga, Oneida, Onondaga, Mohawk and Tuscarora).

New York state, in particular, has attempted to collect taxes from Native businesses. It won a coup in 1994, when the U.S. Supreme Court ruled that states could collect such taxes on goods sold to non-Indians. More recently, a state judge gave New York 120 days to begin collecting these taxes and said there will be military consequences if the

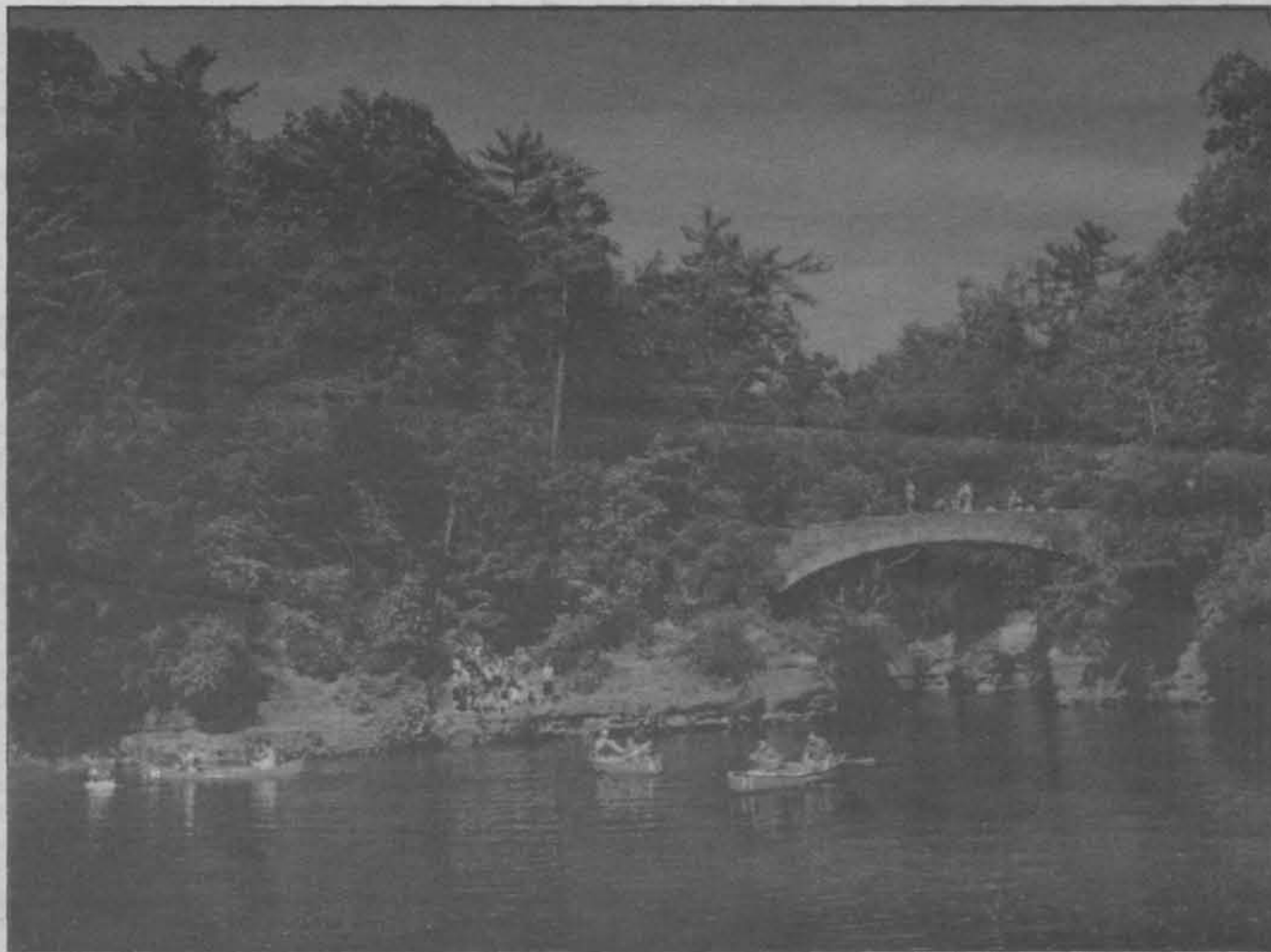
targeted Native communities don't comply.

"I think what is happening right now is the gravest economic threat we have faced since the loss of our lands," said Robert Porter, first attorney general for the Seneca Nation and founder and director of the Tribal Law and Government Center at the University of Kansas. "Unfortunately, the first phase of capitalism, which is what we're in right now, is always tainted by violence, exploitation and inequity. In every [Iroquois] nation now, there seems to be a leadership dispute and a credibility crisis."

Unlike many conferences, where participants discuss specialized subjects in technical jargon, the "Economic Futures" conference was brushed in broad strokes. From the

*Continued on page 2*

## Paddling toward autumn



Charles Harrington/University Photography

Students took advantage of a weekend orientation event sponsored by the Cornell Outing Club on Aug. 31 by paddling canoes around Beebe Lake.

## Statutory college tuition rates will drop for 1996-97

By Linda Grace-Kobas

Students enrolled in the four statutory colleges at Cornell are receiving good news this week.

Thanks to the elimination of a proposed tuition increase for the State University of New York (SUNY) when the state budget was passed on July 13, most students in the statutory colleges will see tuition reductions ranging from \$125 to \$305 per semester. The Executive Committee of Cornell's Board of Trustees will vote on the new tuition rates at its Sept. 12 meeting in New York City.

The Cornell Board of Trustees set tentative statutory tuition rates at its May 25 meeting, anticipating that a proposed \$250 per year increase proposed in the governor's executive budget recommendations for SUNY would be approved by the state Legislature. The trustees added a stipulation that tuition rates would be reconsidered and adjusted as necessary when the state's final higher education allocation was approved.

Cornell's statutory colleges received \$120,418,200 in state appropriations for 1996-97, a \$2.4 million shortfall from the \$122.8 million level required to support base-level programs, according to Nathan Fawcett, director of statutory college affairs. The budget also restored \$51.9 million to the SUNY operating budget, prohibited a SUNY tuition increase for undergraduate New York state residents, restored full funding for the state's Tuition Assistance Program (TAP) and increased unrestricted direct institutional support for the endowed sector of Cornell (Bundy Aid).

The revised 1996-97 tuition rates for the statutory colleges (Agriculture and Life Sciences, Human Ecology, Industrial and Labor Relations, and Veterinary Medicine) are:

- Undergraduate (resident), a semester decrease of \$125, new annual tuition of \$8,800.

- Undergraduate (non-resident), a semester decrease of \$305, new annual tuition of \$17,060.

- Graduate non-veterinary, a semester decrease of \$188, new annual tuition of \$10,288.

- Doctor of veterinary medicine (resident), a semester decrease of \$175, new

*Continued on page 2*

## 1996-97 United Way campaign goals are announced

By Darryl Geddes

Ellen Leifeld, United Way of Tompkins County campaign chair, has announced a 1996-97 campaign goal of \$1.43 million, up 2.5 percent from last year. The Cornell campus United Way campaign will push to raise \$501,000 toward that goal.

Elizabeth Trapnell Rawlings will serve as vice chair of the 1996-97 campaign. Rawlings, wife of Cornell President Hunter Rawlings, will support Leifeld, president and publisher of the *Ithaca Journal*, in overseeing the United Way's countywide effort.



Leifeld



Rawlings



Loew

Also representing Cornell on the county campaign's executive committee are Franklin M. Loew, dean of the College of Veterinary Medicine; Tom LiVigne, operations manager of the Real Estate Department; and Rhonda Velazquez, assistant dean of the Johnson Graduate School of Management. Loew also will serve as the chairman of the

Cornell campus campaign and Velazquez as university campaign coordinator. Janiece Bacon Oblak, director of Cornell Tradition, will be university volunteer coordinator.

"I've supported United Way at three universities where I have worked," Loew said. "It's the only way to support so many local agencies at once, agencies delivering real services to real people in our community."

This year's campaign will help support 39 human services agencies and more than 100 programs in the county.

Campus campaign volunteers will begin distributing pledge cards to their colleagues on the faculty and staff during the final week of September. Cornell United Way campaign information is available on the World Wide Web at <<http://www.gsm.cornell.edu/unitedway/>>.



Conference *continued from page 1*

podium or the aisles of David L. Call Alumni Auditorium in Kennedy Hall, men and women made eloquent pleas for unity and conciliation, punctuating their statements with words in Mohawk or Seneca and with vivid imagery.

"Don't throw sharp words at each other; we need dialogue," urged Tiorahkwathe, an elementary schoolteacher. "We need to listen to each other; the Creator gave us two ears but only one mouth."

Alluding to past showdowns with the New York State Police, in which several of them had participated, the speakers called for compromise where possible but affirmed that they would defend their rights at whatever cost.

"Right now, New York state is attacking us with their taxation, with their destruction of a fragile economy that we're just beginning to rebuild," said Kakwirakeron, a member of the First Nations Dialogue Team. "But if we can't get them to cease and desist peacefully, we will have failed. The warriors are only the last resort; only when everything else has failed must men take their responsibility and do whatever is necessary for a just resolution."

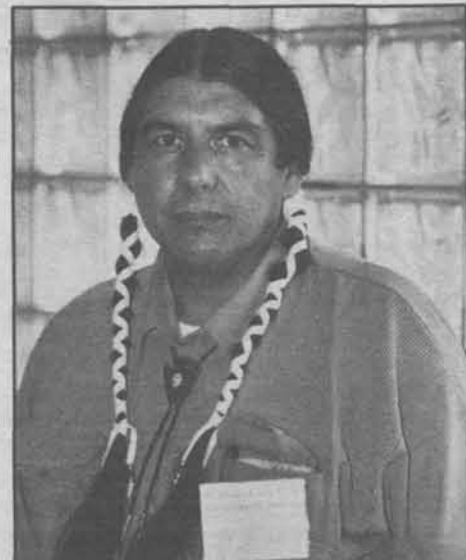
"We don't want that [military] resolution; that is why we're here today."

"Bill Clinton spoke about building a bridge to the future," said Johnny Montour, a former ironworker. "The bridge to our future is economic development... and if [states] come after us with brute force, we will not back down; we will fight back."

Some speakers tried to arm listeners with the power of knowledge. "To achieve economic independence, we have to become



Taking part in the weekend's Indian Economic Futures seminar in Kennedy Hall are, from left: Tiorahkwathe, Billy Two-Rivers and Johnny Montour of the Kahnawake (St. Regis Mohawk) Territory in Quebec; and, at right, Kakwirakeron, of the Kanienkehaka Nation (St. Regis Mohawk). Native American reaction to the issue of state taxation was a recurrent theme.



Charles Harrington/University Photography

extremely economically literate," said Rebecca Adamson, president of the First Nations Development Institute, who gave a 40-minute crash course in the basics of economics. Owen Young, a non-Native attorney who grew up on land adjacent to the Six Nations Reserve in Ontario, described the very different premises upon which lawyers and tribal leaders operate.

"Lawyers tend to present these [taxation] cases in terms of rights, rather than in terms of power and authority — which is what they really are about," he said.

Some participants, who were mostly in their 30s, 40s and 50s, spoke of pressure from elders not to attend the conference and praised the courage of organizers José Barreiro, associate director of the American

Indian Program; Tim Johnson, executive manager of the program's Akwe:kon Press; and Jane Mt. Pleasant, the program's director. Others lamented that there weren't more young people at the conference. And the few youngsters present expressed frustrations of their own.

"The snake is biting; how are we going to respond?" asked Native American and third-year Cornell law student Anthony Lee, who seemed impatient with the broad pronouncements being made. "We've got two months before they start collecting taxes; so what are we going to do?"

Kahente Horn-Miller, an anthropology student from Concordia University in Canada, said, "People treat youth as if they don't know enough to have a voice. . . . I

guess my point is, listen to us; teach us; involve us, because we're the ones that are going to be taking over."

Tekarontake, a self-described warrior who delivered the closing address, urged people to remain proud of their rich heritage and to keep it alive.

"We don't believe in ourselves," he said. "Everything that we do, we need to have it confirmed — by some anthropologist, some lawyer, some president, some senator. We think, 'Somebody wrote a book about it, so it must be true.' I wish somebody would write a book that says, 'You must start believing in yourselves.'"

"If we don't believe in ourselves," he added, "we might as well jump into that melting pot. We might as well say to the state, 'Come on in and do as you please.'"

Tuition *continued from page 1*

annual tuition of \$13,450.

- Doctor of veterinary medicine (non-resident), a semester decrease of \$258, new annual tuition of \$18,084.

- Veterinary graduate, semester decrease of \$188, new annual tuition of \$10,974.

- Graduate reduced, no change, tuition remaining at \$8,000.

The Controller's, Bursar's, Undergraduate Financial Aid and Graduate Fellowship offices at Cornell now are changing students' tuition bills.

Bills to be sent out in October will contain an entry for credit in the appropriate amount, and the actual amount of the new tuition will appear on December billing statements.

Awards to undergraduate financial aid recipients will be changed commensurate with the lower tuition rates; these new rates also will appear on October bills.

## BRIEFS

## ■ Appeal of Sage Hall rulings denied:

The New York State Court of Appeals last week rejected a petition by the Heritage Coalition appealing lower court rulings on Cornell's Sage Hall building project. The coalition, which sought to halt renovation at Sage Hall, had sued the city of Ithaca's planning department and the Ithaca Landmarks Preservation Commission, claiming they had not conducted a proper review of the project before a permit was granted. The state Supreme Court and the Appellate Division ruled earlier this year that the coalition had no legal standing in its suit, and the state's highest court, through its recent ruling, upheld those earlier decisions. Said University Counsel James J. Mingle: "Defending complex, contentious litigation requires strong resolve and collaboration between counsel and client. And that's what occurred here, as university attorneys and administrators — and their city of Ithaca counterparts — worked together in bringing this case to successful conclusion." Sage Hall is being renovated to house the Johnson Graduate School of Management. The project is scheduled to be completed in May of 1998.

■ **Fun in the Sun:** Saturday, from 11 a.m. to 3 p.m., the Interfraternity Council and

Panhellenic Association are holding their annual "Fun in the Sun" carnival on the Arts Quad for all Cornell students. Each of the 13 sororities and 20 to 25 fraternities will be sponsoring free carnival booths, which will feature activities such as "The Moonwalk," "The Cyclotron" and "Sumo Wrestling." There also will be music by the bands Johnny Vegas and Frostbit Blue, food vendors and free soda.

■ **English classes:** Registration for free English classes sponsored by the Cornell Campus Club will take place Thursday, Sept. 5, from 7:30 to 9 p.m. in Anabel Taylor Hall's One World Room. There is a \$10 registration fee. Classes begin Sept. 9. For further information, call Ann Marie Dullea at 277-2488 or Patricia Clark at 257-0407.

■ **Open meditation:** An on-going, open meditation group, which is open to faculty, staff and students, has expanded to two sessions per week. Sessions are in the Founder's Room, Anabel Taylor Hall, Tuesdays, 5:15 to 6 p.m., and Thursdays, 12:15 to 1 p.m. No previous meditation experience is necessary, and participants can attend regularly or as their schedules allow. For more information, contact Nanci Rose, Health Education Office, 255-4782.

■ **Bowling leagues:** Fall leagues for men, women, seniors and children now are forming at the Helen Newman Bowling Center in Helen Newman Hall, on Cornell's North Campus. The Helen Newman Bowling Center is open to Cornell students, staff, faculty, alumni and their families. The center features 16 lanes, a pro shop and lounge. League meetings have been scheduled as follows: Monday Night Women's League will meet Monday, Sept. 9, at 5 p.m. Thursday Night Mixed League will meet Thursday, Sept. 5, at 5:30 p.m. Friday Night No-Tap Mixed Doubles League will meet Friday, Sept. 13, at 5 p.m. Saturday Morning Junior Bowling Organizational Meeting will be held Saturday, Sept. 14, at 9 a.m. (open to ages 5 to 18). Meetings already have been held for the Tuesday Night Mixed League and the Wednesday Night Men's League.

Anyone interested in bowling in any of the programs is asked to attend the meetings as indicated. For those who cannot attend the organizational meetings but would like to bowl in one or more of the leagues, call 255-4200 and leave a message. All leagues have openings at this time. The Friday Night No-Tap Mixed League and the Saturday Morning Junior Bowling Program are new additions this year.

## CORNELL Chronicle

Henrik N. Dullea, Vice President for University Relations  
Linda Grace-Kobas, Director, Cornell News Service  
Simeon Moss, Editor  
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Karen Walters, Editorial Assistant  
Dianna Marsh, Circulation

Writers: Blaine P. Friedlander Jr., Darryl Geddes, Jill Goetz, Susan Lang, Roger Segelken and Bill Steele.

Published 43 times a year, the *Cornell Chronicle* is distributed free of charge on campus to Cornell University faculty, students and staff by the University News Service.

Address: 840 Hanshaw Road, Ithaca, NY 14850  
Phone: (607) 255-4206  
Fax: (607) 257-6397  
E-mail: cunews@cornell.edu  
Web: <http://www.news.cornell.edu/Chronicle.html>

## Mail Subscriptions:

\$20 per year. Make checks payable to the *Cornell Chronicle* and send to Village Green, 840 Hanshaw Road, Ithaca, N.Y. 14850. Second-Class Postage Rates paid at Ithaca, N.Y. POSTMASTER: Send address changes to the *Cornell Chronicle* (ISSN 0747-4628), Cornell University, 840 Hanshaw Road, Ithaca, N.Y. 14850.

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## OBITUARY

**Robert Becker**, retired Cornell associate professor of horticulture at the New York Agricultural Experiment Station in Geneva, N.Y., and former extension agent for vegetables, died July 23. He was 64.

Becker was helping to paint the roof on the First United Methodist Church in Rushville, N.Y., when he slipped and fell. He was air-lifted to Strong Memorial Hospital, where he died several hours later.

Before coming to Geneva, Becker was an assistant county agricultural agent in Wayne County from 1959-1960 and the regional extension specialist on vegetables for Ontario County Cooperative Extension from 1960 to

1970. His work and the rapport he developed with growers and processors was so well appreciated that he was named the extension specialist on vegetables for the College of Agriculture and Life Sciences, a position he held from 1970 to 1986. He was named associate professor of horticultural sciences in 1986, and he retired in 1992.

Becker earned his undergraduate degree in horticulture in 1954 and his master's degree in botany in 1956, both from the University of New Hampshire.

He received the Extension Division Award of Excellence from the American Society for Horticultural Science in 1989; the New York

State Cabbage Research Foundation gave him an award for 33 years of service in 1992; and he was given an Outstanding Leadership Award from the New York State Vegetable Conference Planning Committee, also in 1992.

Following his retirement, Becker became the editor of a new publication, *The Fruit Quarterly*, which is a combined project of the New York State Horticulture Society and the Geneva Agricultural Experiment Station. It was a highly regarded resource on the latest advances in research, particularly on tree fruits.

Becker is survived by his wife, Fay; three children, Nancy, Dale and Sheryl; and six grandchildren.



# Legal expert to discuss 'Sex, Lies and the Internet' in Kops Lecture

By Linda Grace-Kobas

Freedom of expression in cyberspace: Should there be any limits? If so, who should decide what the rules will be?

Those topics will be addressed in a lecture on campus titled "Sex, Lies, and the Internet: Some New and Not So New Questions about Free Expression in Cyberspace" by David G. Post, co-founder and co-director of the Cyberspace Law Institute and visiting associate professor of law at Georgetown University's Law Center.

The lecture, free and open to the public, will be presented Monday, Sept. 16, in Goldwin Smith D Auditorium at 8 p.m. as this year's Daniel W. Kops Freedom of the



Post

Press Fellowship Program.

"The radically decentralized, boundary-disregarding characteristics of the global network will force us to confront truly profound questions about the nature of law-making power and the nature of law itself," Post has written. "Thomas Jefferson said that he would prefer a world of newspapers and no government to a world of government and no newspapers; we may be about to find out just what he might have had in mind."

Post teaches constitutional and copyright law, as well as the "law of cyberspace," at Georgetown Law Center, from which he graduated in 1986. This past summer, he conducted, with two colleagues, the first Internet-wide electronic course on cyberspace law for more than 20,000 subscribers.

He writes a monthly column, "Plugging In," for *The American Lawyer* and is the forum moderator for "Supreme Court Watch" on Counsel Connect, the world's largest online service for attorneys. He has appeared as a commen-

tator on Internet law on national news programs and Court TV's "Supreme Court Preview" and is widely published.

Post twice served as a law clerk for Ruth Bader Ginsburg, the first time in 1986-87, when she served on the U.S. Court of Appeals, and the second in 1993-94, during her first term on the Supreme Court.

A 1972 graduate of Yale University, Post earned a Ph.D. from Yale in 1978 in anthropology, specializing in primate behavior and ecology and evolutionary theory, and a J.D. from Georgetown in 1986.

The Kops Freedom of the Press Fellowship Program was established in 1990 by Daniel W. Kops, a 1939 graduate of Cornell and former editor of *The Cornell Daily Sun*, to bring distinguished speakers to Ithaca annually to discuss issues relating to freedom of the press. Kops is the founding president of Kops-Monahan Communications.

The Kops Fellowship is hosted by the College of Arts and Sciences in cooperation with the American Studies Program.

## Streamlined enrollment, registration and orientation offer welcome start

By Darryl Geddes

Cornell enrollment and registration this year was less hectic and less harried for administrators and students alike. Administrators say they are pleased at how smoothly Cornell's opening days welcomed and processed new and returning students.

"There are many people to be credited for condensing our enrollment and registration task from four days to two," said David Yeh, assistant vice president of student and academic services. "The hard work on the part of many individuals over the summer paid off by eliminating unnecessary work and unnecessary waiting time for students. It enabled us to serve students better."

The backbone of Cornell's enrollment operation continues to be its online enrollment service, CoursEnroll, which students can access from any computer, either on campus or off.

CoursEnroll enables the university's 16,000 students to register and enroll in courses using their desktop computers. By Aug. 16, seven days before residence halls opened, returning students were able to access their course schedules and find out whether they were registered for the upcoming semester. With course selection for this semester completed last spring, the only thing left for students to do was to check their schedules and add or drop courses.

"This is the fourth semester that we have used CoursEnroll, and we continue to see how it benefits the registration and enrollment process," said Janet Gray, associate university registrar. "It saves the students time and ensures them of having the correct course information."

Historically, the Field House, where students go to pick up dining plan cards,

ID cards and other information, has been a site of frustration, where students have had to wait as long as five hours to collect essential student credentials. Just five years ago, the average wait at the Field House was three-and-a-half hours. But this year, student waits were running consistently under an hour.

Key to this drastic reduction in waiting time has been the process of gathering ID card information and photos from new students during the summer, before they arrive on campus.

"We are able to issue ID cards and computer network IDs to more than 3,000 new students in record time," said Anne Brodie, associate university registrar. "One student was able to get her computer ID, Cornell ID, dining plan card and sign up for a swim test in all of 20 minutes."

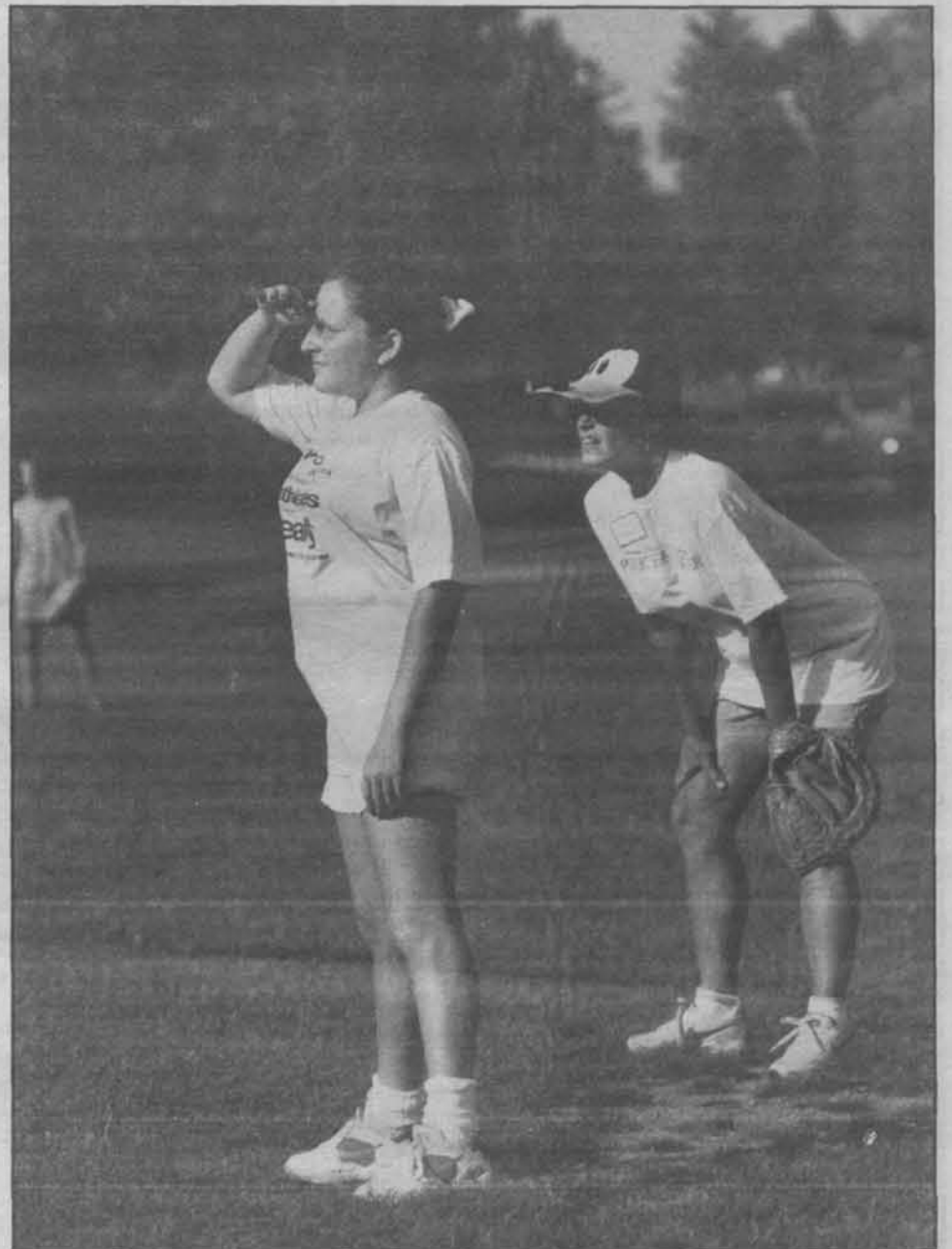
Extended hours at the Campus Store, free bus service from residence halls to the Field House and a special van that transported students and their computer purchases to residence halls all made Cornell opening days more user-friendly, Yeh said.

"For many parents, opening day is the first time they will see the campus and meet with representatives of the university," he said. "It's important that Cornell put its best foot forward in welcoming students and their parents to campus and dealing with their anxiety."

Yeh said more reforms in the registration and enrollment processes still need to be made so that Cornell officials spend less time on the administrative work and more time with students and their families.

"We really want to be able to devote more time to talking with the families and answering all their questions and con-

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Charles Harrington/University Photography

Susan Murphy, right, vice president of student and academic services, covers first base during Orientation Week's "Sports with the Administration" softball game with new students Aug. 26.

## Institute for African Development hosts seminar on colonial legacy

By Jill Goetz

Most African nations remain entrenched in the cultural, legal and other practices of their former British, French or Portuguese colonizers a generation or more after achieving independence, according to Joan Mulondo, program coordinator of the Institute for African Development at Cornell.

"A Kenyan student often will know more about British history than African history," she said. "Kenya sends its best-educated students on to continue study in London, and when they return to Kenya, they are even more entrenched in the British culture."

What are the implications of such enduring Anglophone, as well as Francophone and Lusophone, influences for development in modern Africa? Scholars from Cornell and elsewhere are pondering that weighty question in a semester-long seminar, "Africa and the Colonial Legacy: Implications for Development." All sessions are open to the public and are held on Thursdays from 12:20 to 2 p.m. in Room 153 of Uris Hall.

The seminar began Aug. 29 with an overview presented by David Lewis, director of the Institute for African Development. The series continues this month, with sessions on



Ohadike



Toure

issues relating to Francophone Africa; in October, with sessions on Anglophone Africa; and in November and early December on Lusophone Africa.

On the need for the conference, Lewis said recently, "It's been a whole generation now since most of the countries in Africa obtained independence, and there is a lot of discussion on the extent to which the legacy of the colonial period clouds the future of these countries." Some aspects of colonization have had positive impacts on development, he said - "there was a lot of infrastructure built, a lot of important institutions created" - but other institutions created were inappropriate to the African context.

"Often, the colonial legacy gets treated as a very flat dimension, as entirely negative; but that is overly simplistic," he said. "Colonization is very complex, and the intention of these seminars is not to push a particular point of view but to explore diverse viewpoints, providing a forum for discussion."

According to Don Ohadike, associate professor of African history at Cornell who will discuss the Portuguese in Africa, the sessions on Lusophone Africa are highly unusual.

"I haven't come across anyone at Cornell from the three

main Lusophone African countries - Guinea-Bissau, Angola and Mozambique," he said. He noted that while Portuguese colonizers entered Africa before those from Britain and France, the Lusophone African colonies, five in all, were among the last to achieve independence.

The dates, speakers and titles of each upcoming presentation appear below; all presenters are affiliated with Cornell unless indicated otherwise.

### Francophone Africa:

Sept. 5: N'Dri Assie-Lumumba, Africana studies, "The French in Africa: A Historical Overview."

Sept. 12: Mohamed Toure, graduate student in education; Jean Kouadio, graduate student in international development; and Jarra Jagne, Veterinary College: "Education and the Colonial Legacy in Francophone Africa."

Sept. 19: Francis Terry McNamara, senior fellow at the Association for Diplomatic Studies in Washington, D.C.: "Post-Colonial Francophone Africa."

Sept. 26: Jonathan Ngate, Romance studies, "African Development: A Contradiction in Terms?"

### Anglophone Africa:

Oct. 3: Omari Kokole, Binghamton University, "The British in Africa: A Historical Overview."

Oct. 10: Muna Ndulo, Law School, "Constitution Making in Africa: Post-Independence Arrangements."

Oct. 17: Abdul Nanji, Africana studies, "Language and

Continued on page 4



# Conservator restores Jewish family's Bible spared by the Holocaust

By Jill Goetz

Herman Garfunkel knew in 1941 that the Nazis soon would be forcing him and the other Latvian Jews into the ghetto. So he entrusted a prized possession—the family's Hebrew Bible, translated into German—to the tenants renting the upper floor of his Riga, Latvia, home. The Sochinskis, in turn, promised to return the Bible to Garfunkel when the war was over.

Two weeks later, the Garfunkels were, indeed, sent to the ghetto, and Herman's mother, sister and brother were killed just three weeks after their arrival. But Herman survived, and, 54 years later, he would live to see the Bible returned to him—and restored for posterity by a book conservator at Cornell.

John F. Dean, director of the Cornell University Library's Department of Preservation and Conservation, was on vacation in Florida last year when he read about the story in the Fort Lauderdale *Sun-Sentinel*.

He read that Garfunkel was sent to three concentration camps but escaped from the last one, a division of Buchenwald, on April 11, 1945. As Garfunkel recently recalled over the telephone, the day was a chaotic one; he was one of 24 prisoners being marched on the camp's grounds, surrounded by scurrying officials preparing to flee from the oncoming Russian forces. A wagon filled with suitcases rode by, and Garfunkel, then 39, and his cousin dove into it—and rode the wagon to freedom. Years later, Garfunkel learned that in a spot just beyond where he had marched, a sign was erected: "Here are buried 22 concentration camp prisoners, shot on the 11th of April, 1945."

Garfunkel immigrated to the United States in the early 1950s.

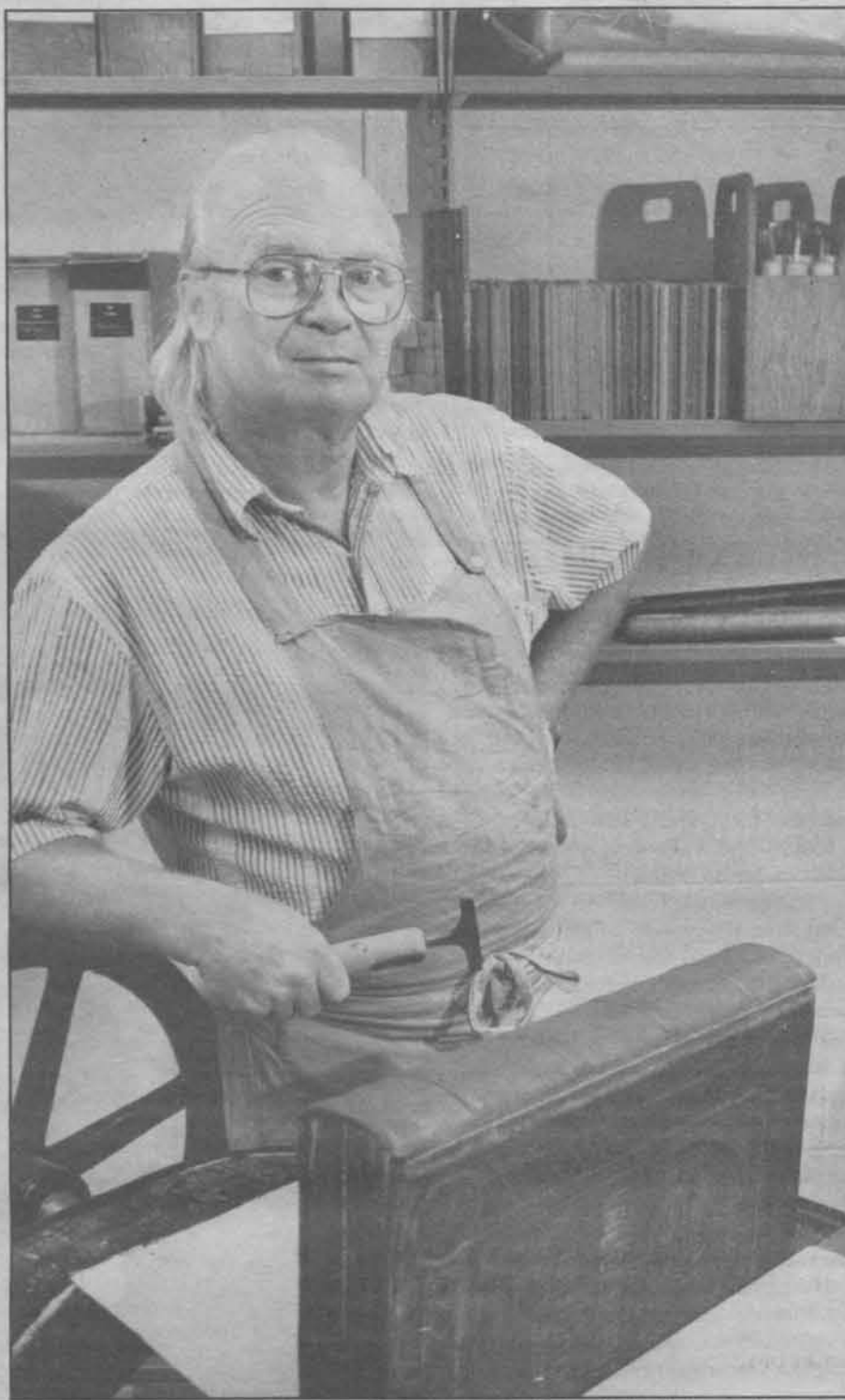
Most members of the Sochinski family stayed in Latvia after the war, along with the Bible, which virtually had been forgotten. However, Wanda Sochinski, who was 12 when she had witnessed the eviction of her landlord Herman Garfunkel, married an American soldier and moved to America in 1946.

During a 1988 visit to her native Latvia, Wanda (now Wanda Jackson, 67) found the Bible stored in a shed. She brought it back to the United States and, ultimately, back to Herman Garfunkel (now Herman Grant, 92), who, she discovered after some sleuthing, was living in West Palm Beach, Fla. Former landlord, tenant and family treasure were reunited Sunday, Dec. 10, 1995.

As Dean was about to put down the newspaper article, a quote at the end caught his eye. The Bible, Grant had said, was "a little yellowish now and dilapidated."

Dean contacted Grant and offered to restore the Bible at no charge, even though it had been donated to Florida Atlantic University in Boca Raton and would not be staying at Cornell.

"This was an exception," Dean said. "Rarely do we do work for anyone outside the university." And unlike many of the thousands of rare and unique



Robert Barker/University Photography  
**John F. Dean, director of the Cornell Library's Department of Preservation and Conservation, poses with the German-language Hebrew Bible he restored.**

volumes that he and his staff restore each year in the basement of Olin Library, he said, the Grant Bible has little intrinsic value. It isn't that old—dating back no further than the late 19th century—and probably was mass-produced, unlike the research materials Dean's staff usually restores.

"The real value of the Bible is the fact that it was rediscovered," Dean said. "I was very touched by this story, and I felt that the book's sentimental value made it worth restoring."

Broken in several pieces, with significant damage from water and dampness, the beleaguered Bible was shipped to Dean this past March. Samantha Couture, a conservation technician, repaired its pages with various Japanese tissues and rice starch paste. Dean restored the spine, originally of leather, with goatskin; he also made a protective box for the Bible and a scanned

image of its genealogical chart.

When completed on Aug. 19, the Bible was 35 pounds and 4 inches thick, with a red leather cover and pages that, for readers of German, are entirely legible.

Clearly, Herman Grant's luck had extended beyond surviving the Holocaust: His cherished Bible had been in the hands of one of the world's most skilled conservators.

Dean served a six-year apprenticeship in his native England as a teenager; he was named "Apprentice of the Year" for the years 1951 to 1953 and was binding foreman for the Manchester Public Libraries from 1960 until 1969, when he came to the United States to take a position at the Newberry Library in Chicago.

In 1971 he received a library science degree at the University of Chicago and another master's at Johns Hopkins University, where he started an apprentice

**'The real value of the Bible is the fact that it was rediscovered. I was very touched by this story, and I felt that the book's sentimental value made it worth restoring.'**

— John Dean

program and served as chief conservator from 1975 to 1985. That year he was invited to Cornell to start up and direct a universitywide conservation program that is today among the nation's most successful, with three trained conservators and four conservation technicians.

The Department of Preservation and Conservation is mandated to preserve Cornell's collection of some 5 million volumes, many damaged by acidity, water and vandalism. The department binds 70,000 paperbacks annually (it sends periodicals to an outside binder), and, through grants from public and private organizations, like the National Endowment for the Humanities and the Mellon Foundation, it preserves collections considered to be of great significance. The department's 10 units include an innovative digitization program, microfilming operations and a graphics conservation laboratory.

Currently, 103 Cornell collections are "Conspectus Level 5," Dean said, which means they are considered among the most important collections in the country and, in some cases, the world.

When Dean isn't overseeing restoration of ancient Buddhist texts or Icelandic manuscripts from the Middle Ages or pamphlets from the French Revolution, he enjoys leading tours of Cornell Library's conservation area. There, visitors might glimpse a botanical text of woodcuts from 1710, an anti-slavery jigsaw puzzle from the 1850s or the various ancient tools of the conservator's trade, which in most cases no longer are made.

Dean said book conservation work is particularly difficult to accomplish in the United States because of the lack of professional training; all of Cornell's professional conservators have been trained in Europe. He hopes eventually to develop a formal apprenticeship program at Cornell.

Meanwhile, what has become of the reconstituted Grant Bible?

On Thursday, Aug. 29, it began its journey back to Florida Atlantic University's special collections division in the hands of Calvin Landau, director of Cornell's Southeast Regional Office in the Division of Alumni Affairs and Development. Grant said he is grateful that the Bible will tell its tales long after he can tell his own and hopes to travel to Boca Raton to view Dean's handiwork.

"You can restore anything; it's just a matter of time," Dean said.

He ought to know.

## Enrollment *continued from page 3*

cerns," he said.

Orientation Week made the personal touch more of a focus of its operations this year. One new event found administrators participating in athletic events with students. President Hunter Rawlings was spied on the tennis court with some undergraduates, while Susan Murphy, vice president for student and academic services, fielded fly balls on the softball diamond.

"I believe, the closer administrators are to students during these opening days, and

especially during orientation, the better future relationship these groups will have with each other," said Dean of Students John L. Ford.

Work on next year's enrollment and registration logistics will begin shortly, said Brodie, who chairs one of the steering committees helping to oversee the process. "While opening day comes once a year, the process of planning and implementing new changes to the system is a year-round function," she said.

## Institute *continued from page 3*

Culture: Implications for Development."

Oct. 24: Kwibena Sabby, graduate student in real estate, "African Government and the Colonial Legacy."

Oct. 31: Ndunge Kiiti, graduate student in communication; Khandikile Sokoni, grad in Law School: "Women, AIDS and the Law in Africa."

### Lusophone Africa:

Nov. 7: Dan Ohadike, Africana studies, "The Portuguese in Africa: A Historical Overview."

Nov. 14: Steven Kyle, agricultural economics, "A Comparative Economic Analysis of Mozambique and Angola."

Nov. 21: Assis Malaquias, St. Lawrence University, "Angola's Struggle for Peace and Democracy."

Dec. 5: Michele Del Buono, Institute for African Development, "Africa in the Global Economy."

For more information about the institute's seminar series, contact Joan Mulondo at 255-6849.



# CORNELL RESEARCH

## Technique opens door for investigating disorders at the subcellular level

By Larry Bernard

Cornell scientists report the accurate characterization of a sample representing 1 percent of the protein in a single red blood cell using electrospray mass spectrometry – a feat that opens the door to a wide area of basic medical exploration.

The technique allows researchers to take samples as small as a single cell and identify many of its components with unusually high confidence, something that is almost impossible with current analytical technologies, the researchers say. The technique could be used for molecular investigations about human medical disorders at the cellular level.

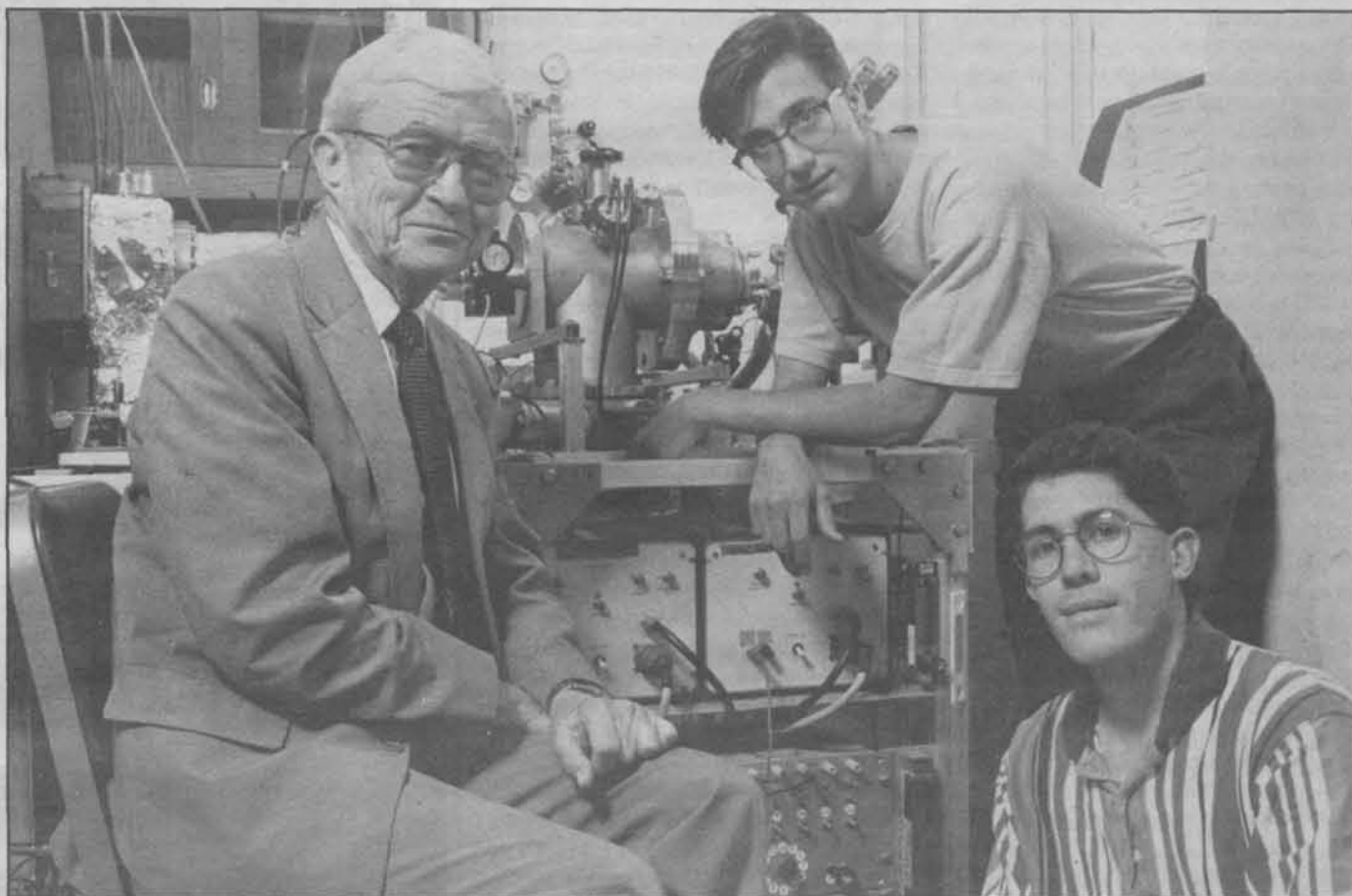
"We have three orders of magnitude better sensitivity than what was possible before. The biggest thing about this is that you can get a complete identification of a totally unknown molecule. Just knowing the molecular weight at our accuracy level is a big help," said Fred W. McLafferty, Cornell professor emeritus of chemistry who led the work. Their accuracy provides less than 0.01 percent error. "With this, you can also measure masses of individual pieces of a molecule for further characterization."

The researchers – McLafferty; Gary A. Valaskovic, a postdoctoral associate in McLafferty's lab; and Neil L. Kelleher, a doctoral student – reported their studies in the journal *Science* (Aug. 29, 1996). Their work was funded by the National Institutes of Health.

Previous methods of analysis at this level, such as laser detectors, are useful only if the researcher knows what to look for. "But if you start without knowing anything about what's in a single cell, you need mass spectrometry," McLafferty said. "We don't even need to know that it's a protein."

Electrospray is a method for ionizing relatively big molecules and getting them into the gas phase. The solution containing the sample is sprayed at high voltage, forming charged droplets. These droplets evaporate, leaving the sample's ionized molecules in the gas phase. These ions continue into the mass spectrometer, which is a sophisticated weighing machine.

Using a spectrometer with a 6.1 Tesla superconducting magnet, the Cornell team took a sample representing 1 percent of



Frank DiMeo/University Photography

From left, Fred W. McLafferty, professor emeritus of chemistry, Gary A. Valaskovic, a postdoctoral associate, and Neil L. Kelleher, a doctoral student, both in McLafferty's lab, pose with a mass spectrometer used in their research.

**'We have three orders of magnitude better sensitivity than what was possible before. The biggest thing about this is that you can get a complete identification of a totally unknown molecule.'**

— Fred W. McLafferty

the protein in a single red blood cell and correctly deduced its molecular weight – 28,780.6 daltons.

The breakthrough in sample reduction came about as a result of customizing very small quartz capillaries for electrospray. Valaskovic used laser heated fabrication, chemical etching and vaporized gold plating to produce capillary tips with a diameter of only one ten-thousandth of an inch (2.5 micrometers).

The capillary flow rate is about 1,000 times slower than is typical for electrospray, lowering sample requirements. Also, the spray diameter is reduced so that more of the sample goes into the mass spectrometer, creating greater efficiency.

"The achievement really is due to two things: slowing down the flow rate and having one of the highest performing mass spectrometers in the world for protein analysis," said Valaskovic, who received

his Cornell Ph.D. last year under George H. Morrison, Cornell professor emeritus of chemistry. "We have extremely high analytical resolution, so we not only can analyze the sample, but we can tell what it is. With mass spectrometry, we can characterize and identify."

The technique may be useful for examining a host of human medical disorders, the researchers said.

"This is an excellent tool for looking at an isolated biological system at the cellular level, like a single nerve synapse," McLafferty said. "Or say your microscopic examination shows suspicious red blood cells in a sample – do these contain new molecular components as clues to their formation? You could get a better idea of how a cell system works or how a single signal nerve functions. You can use it with RNA and DNA, as well as proteins."

## Extension program aims to raise New Yorkers' net worth by \$248 million

By Susan Lang

Cornell University and Cornell Cooperative Extension experts are helping New Yorkers boost their net worth \$2,000 by the year 2000.

Considering that some 70 percent of Americans live paycheck-to-paycheck and that consumer borrowing has jumped 52 percent while savings have shrunk 23 percent in the past 25 years, many American consumers are in financial disarray, says Barbara J. Bristow, the project director of Money 2000 at Cornell.

Money 2000 is a new statewide initiative through Cornell Cooperative Extension county offices to provide financial education, money management skills and financial counseling.

"We anticipate that participants will increase their savings, decrease their debt and learn to save for the future painlessly but effectively," said Bristow, an extension associate in the Department of Consumer Economics and Housing in the College of Human Ecology.

If 2,000 people or families in each of New York's 62 counties increase their net worth by \$2,000, the total will equal \$248 million, she says.

For a \$10 annual fee, participants will have the opportunity to enroll in money-management workshops and information sessions and receive record-keeping materials and a quarterly



Charles Harrington/University Photography

Barbara Bristow, extension associate in the Department of Consumer Economics and Housing, is project director of Money 2000.

financial newsletter. Regular contact with an extension educator will help track progress toward one's personal financial goals, and in some counties the expertise of a personal financial-management counselor will be available, as well.

Consumers will learn goal-setting, good financial record-keeping techniques, budget planning and balancing, common credit pitfalls and how to correct them, where to find \$10 a week to put aside and how to invest it, how to shave

10 percent off household expenses without sacrificing quality-of-life and how to buy a desired product without having to use costly credit services that can more than double the product's cost.

Many indicators show that consumers, both high- and low-income, are overspending, undersaving and overextending, Bristow said. For example:

- One in seven American workers doesn't save for retirement.
- Americans saved less than 5 percent of their disposable income last year – that's less than half what consumers saved in Britain, Germany, Belgium, France and Japan.
- The average baby boomer spends half of his/her salary paying off debt.
- Individual savings rates fell 23 percent between 1970 and 1994.
- Almost 8 percent of all credit card debt – almost \$30 billion – does not get paid off; that's the highest "charge off" rate ever.

The Money 2000 program will be tailored in each county for consumers in the local areas and may include "lunch 'n learn" programs at workplaces, club and organization presentations, exhibits at banks, libraries and malls, credit fairs, home-study courses, individual counseling, World Wide Web home pages, group meetings, newsletters and video and audio tapes.



## Ithaca sings praises of folk music's 'Bound for Glory' in its 30th year

By Bill Steele

When Phil Shapiro, M.A. '69, named his WVBR radio show "Bound for Glory," he surely had no idea the name would come to describe the show so well, that it would be known and visited by musicians from all over the country as a place where established pros come to recharge their spiritual batteries and newcomers hope to break in—or that it would last so long.

Last Sunday the show began its 30th year, reaffirming its title as the longest-running live folk music radio show in America, and probably anywhere else. To mark the occasion, Ithaca Mayor Alan Cohen proclaimed Sunday, Sept. 1, 1996, "Bound for Glory Day."

"I urge all Ithacans to bestow their thanks, and congratulations upon Phil Shapiro, and to continue the celebration of live acoustic music for long into the future," Cohen said in his proclamation.

Cohen's taped reading of the proclamation was broadcast as part of Sunday night's show from the Cafe at Anabel Taylor Hall, along with a small ceremony in which Steve Worona, president of the newly formed Friends of Bound for Glory (FOBFOG), presented Shapiro with a plaque bearing the proclamation and the city's gold seal.

"It's been a long, strange trip," Shapiro said. "I'd like to thank the entire community for their support, and I won't guarantee we'll be here for another 30 years, but we'll be here for a while."

Shapiro, who came to Cornell as a graduate student in economics, started his show like many other folk-music DJs of the '60s, playing records from radio station WVBR's cramped studio, then in the basement of Willard Straight Hall. He soon began to bring in performers for interviews and a few live songs, then went on to concerts with a live audience.

At first, most of the performers were local—Ithaca never has had a shortage of

professional-level performers of folk and acoustic music. Soon though, the word got around that "Bound for Glory" was a neat place to play, and touring performers began making it a regular stop. Folk-music "names" who have appeared on the show include John Gorka, Michael Smith, Priscilla Herdman, U. Utah Phillips, Mike Seeger, Rosalie Sorrells, Kate Wolf, the Boys of the Lough, Christine Lavin and Bill Staines. It's all the more remarkable since none of the performers are paid. (Neither are any of the WVBR volunteer staff or Shapiro himself.)

Why do they come?

"Magic," Shapiro explains. The live audience that assembles every Sunday night during the school year is a self-selected group of hard-core, folk-music fans. They participate in the show by singing along—even if they aren't asked—laughing in the right places, and most of all, by understanding what the performers are trying to do. After three weeks on the road, playing in bars and community college cafeterias where the performer is little more than a live juke box, "Bound for Glory" is like coming home.

"Bound for Glory" doesn't pay anybody any money, but it pays the performer, it pays me and it pays the audience in magic," Shapiro explained.

"Magic can't buy a microphone, but it keeps us going," he added.

That's why FOBFOG has been formed, to raise money to ensure that the show will continue, Worona said. Contributions received so far will be used to replace two stolen microphones and upgrade the creaky equipment the show uses to run a remote broadcast from Anabel Taylor. FOBFOG has applied for non-profit status.

Contributions to the Friends of Bound for Glory Inc. may be sent to 115 Warwick Place, Ithaca, N.Y. 14850, or delivered at any "Bound for Glory" performance. More information on FOBFOG is available on the Web at <<http://www.publiccom.com/web/wvbr/fobfog.html>>. "Bound for Glory"



Charles Harrington/University Photography  
Phil Shapiro, host and founder of the popular folk-music radio show from Anabel Taylor Hall, displays, while on the air, the plaque he received from the city of Ithaca and the Friends of Bound for Glory proclaiming Sunday "Bound for Glory Day."

schedules and other information may be found at <<http://www.publiccom.com/web/wvbr/wvbrbfg.html>>.

The show is broadcast live from the Cafe

at Anabel Taylor Hall from 8 to 11 p.m. every Sunday night when Cornell is in session and from the WVBR studio during vacations. Admission for the live audience is free.

## Family Life Development Center helps fight child abuse and neglect

By Susan Lang

Every year, more than 3 million American children—including more than 211,000 in New York—are reported abused or neglected. Each day, three children die from such maltreatment.

Cornell, the land-grant university of New York, is combating this daily tragedy. Its Family Life Development Center (FLDC), an interdisciplinary unit with the mandate to help prevent family stress, with an emphasis on abuse prevention, sponsors a variety of programs to identify, reduce and prevent child maltreatment. These programs range from training Child Protective Services caseworkers and residential child care workers to researching various aspects of family violence and evaluating assessment tools and treatment interventions.

The FLDC and the Department of Human Development and Family Studies of Cornell's College of Human Ecology also are taking a national lead in providing consultation to mental health professionals who are working with the most severe cases of child maltreatment. Its staff recently organized and hosted an advisory panel of 20 experts from around the country to develop assessment and treatment resources for community mental health agencies to better identify and treat severe cases of child maltreatment.

FLDC has state support for five extension and research positions and operates \$4 million in programs funded by outside grants and contracts from groups including the U.S. Department of Commerce, New York State Department of Social Services, National Institute of Mental Health, U.S. Department of Defense, U.S. Department of Agriculture and the National Center on Child Abuse and Neglect.

Since 1979, when the Child Protective Services (CPS) Training Institute was first established at Cornell, the FLDC has trained about 200 newly hired caseworkers and supervisors each year to provide them with the basic skills, knowledge and attitudes they need to make appropriate safety decisions and risk assessments. The initial 10-day residential training, offered 11 times a year in

**Since 1979, when the Child Protective Services (CPS) Training Institute was first established at Cornell, the FLDC has trained about 200 newly hired caseworkers and supervisors each year.**

Ithaca, is mandatory for all new caseworkers in New York, with the exception of those in the New York City area, who are trained elsewhere.

Unlike other states, whose universities also train child protective services caseworkers, New York is unique in ensuring its new caseworkers are trained within the first 90 days on the job. A new system to be instituted this fall will give new caseworkers 30 days of training within the first year.

"These trainings are extensive," explained Michael Nunno, senior extension associate at FLDC, "and cover everything from how the child welfare system works, how a family enters the system through a CPS report, laws and regulations that protect children, and safety and risk issues to the functions and dynamics of a 'typical' family system, how to investigate a case, assess risk, develop a service plan and work with the legal mandates of child protective services."

In addition, institute staff trains about 1,000 experienced caseworkers a year by sponsoring more than two dozen two-day trainings throughout the state. These trainings hone the workers' skills and knowledge concerning sexual abuse dynamics, interviewing and intervention, investigation skills, legal issues, medical issues, on-call skills and interviewing.

The Residential Child Care component of the institute provides residential child care staff and foster and adoptive parents training in therapeutic crisis intervention. Five-day training sessions, offered seven times a year in Ithaca, teach participants how to deal

with a child in crisis, how to apply safe and appropriate physical restraints, how to use crisis as an opportunity for the child to learn new coping skills, how to use specialized, effective training techniques and how to de-escalate a crisis.

Whereas the Child Protective Services Programs are taught by a Cornell extension associate with two professionals in the field, the Residential Child Care Project uses Cooperative Extension's "Train-The-Trainer" mode of teaching.

"The 'Train-The-Trainer' curriculum allows agency representatives to learn how to conduct in-service programs for their staffs upon completion of their training," said Nunno, who points out that the two training institutes are funded with \$1.7 million from the federal government through the New York State Department of Social Services (DSS). "In this case, participants learn therapeutic crisis intervention skills to be in control of a crisis situation and to help a child learn and grow from the experience."

In order to provide better services to children who are the victims of the most severe forms of child maltreatment, the New York State Department of Mental Health is working with the FLDC to develop procedures that will help professionals from many different fields work more successfully with these children. As part of this effort, James Garbarino, director of FLDC, and Jeffrey Haugaard, assistant professor of human development and family studies, organized an Expert Advisory Panel meeting July 26 and 27 in Ithaca.

"Currently, there are very few resources available to mental health professionals, social workers and physicians who are working with the most severe cases of child maltreatment," said Haugaard.

These efforts are part of FLDC's mission to improve professional and public efforts and respond to risk factors in the lives of children, youth, families and communities that lead to violence and maltreatment, explained Garbarino. "We focus on strategies and programs to help vulnerable children and youth by strengthening families and communities," he said.



## CALENDAR

from page 8

**N'Dri Assie-Lumumba, Africana Studies & Research Center, Sept. 5, 12:20 p.m., 153 Uris Hall.**  
 "Education and the Colonial Legacy in Francophone Africa," panel discussion with Mohamed Toure, graduate student in education; Jean Kouadio, graduate student in international development; and Jarra Jagne, research support specialist in the College of Veterinary Medicine, Sept. 12, 12:20 p.m., 153 Uris Hall.

**Animal Science**

"The First National Research Council Nutrient Series Model: The Development, Scientist Training and Release via 38 Satellite Downlink Sites," Danny Fox, animal science, Sept. 10, 12:20 p.m., 348 Morrison Hall.

**Astronomy & Space Sciences**

"Vertical and Horizontal Structure of Titan Atmosphere From Stellar Occultations: Evidence for Gravity Waves," Bruno Sicardy, University of Paris 6/Observatory of Paris, Sept. 5, 4:30 p.m., 105 Space Sciences Building.

**Chemical Engineering**

"Liquid Crystalline Thermosets: Network Materials With Unique Physical and Processing Properties," Christopher Ober, materials science & engineering, Sept. 10, 3:30 p.m., 155 Olin Hall.

**Chemistry**

"Rapid Organic Synthesis and Imaging the Human Brain," Joanna Fowler, Brookhaven National Laboratory, Sept. 5, 11:15 a.m., 119 Baker.  
 "Studying Chemical Dynamics With Fast Lasers," John Simon, University of California at San Diego, Sept. 12, 11:15 a.m., 119 Baker.

"Methods for the Synthesis of Heterocyclic Natural and Unnatural Products," James Leahy, University of California at Berkeley, Sept. 12, 4:40 p.m., 119 Baker.

**Cornell Community Nutrition Program**

"Connecting University Dining With the Local Food System: The Hendrix College Example," Gary Valen, managing director, Eating with Conscience Programs, the Humane Society of the United States, Sept. 12, 1:30 p.m., Faculty Commons, Martha Van Rensselaer Hall.

**Ecology & Systematics**

"Combining Mechanistic and Statistical Models to Analyze Nonlinear Population Dynamics," Stephen Ellner, North Carolina State University at Raleigh, Sept. 11, 4 p.m., A106 Corson Hall.

**Electrical Engineering**

"Wide Bandgap Semiconductors for Optoelectronic Applications," Jan Schetzina, North Carolina State University, Sept. 10, 4:30 p.m., 101 Phillips Hall.

**Farming Alternatives Program**

"Ag Down Under: Reviving Agricultural Communities in Australia," Heather Atkins, Churchill Fellow, Sept. 6, 2 p.m., 32 Warren Hall.

**Genetics & Development**

"Genetic Manipulation of Neural Plasticity in *Drosophila*," Ralph Greenspan, New York University, Sept. 9, 4 p.m., large seminar room, Biotechnology Building.

**Neurobiology & Behavior**

"Millipedes!" Tom Eisner, neurobiology and behavior, Sept. 5, 12:30 p.m., A106 Corson Hall.

**Peace Studies Program**

"On the Duty of Citizens: Levée-en-Mass in Germany, 1918-1945," Michael Geyer, University of Chicago, Sept. 5, 12:15 p.m., G-08 Uris Hall.  
 "Settling Accounts: Retributive Justice, Violence and Accountability in Postsocialist Europe," John Borneman, anthropology, Sept. 12, 12:15 p.m., G08 Uris Hall.

**Pharmacology**

"G Protein Gaps: Signal Speed, Amplitude and Selectivity," Elliot Ross, University of Texas Southwestern Medical Center, Sept. 9, 4:30 p.m., Lecture Hall III, Veterinary Research Tower.

**Plant Biology**

"Biosynthesis, Degradation and Cellular Localization of Tannins," Georg Gross, Universität Ulm, Germany, Sept. 6, 11:15 a.m., 404 Plant Science Building.

**Plant Pathology**

"Cutinolytic Esterases Expressed by *Alternaria brassicicola* in Contact With Host Surface Components," Chao-yun (Melissa) Fan, plant pathology, Geneva, Sept. 10, 3:30 p.m., Barton Laboratory, Geneva.

**Statistics**

"Search for Significant Variables of a Function," Mikhail Malioutov, Northeastern University, Sept. 11, 3:30 p.m., B-11 Kimball Hall.

**Theoretical & Applied Mechanics**

"Riddled Basins of Attraction: Inevitable Uncertainties in Outcomes," Edward Ott, University of Maryland, Sept. 11, 4:30 p.m., 140 Bard Hall.

## symposiums

**Demilitarization Workshop**

Anthropologists, historians, sociologists and even an exiled Peruvian general will join forces on campus to consider the question: How is the military being redefined in different corners of the globe as the 20th century draws to a close? "Demilitarization, Remilitarization After the Cold War in Germany, Japan, Peru and the U.S.A." is a workshop that will be held Sept. 6 and 7. Friday's session begins at 9:15 a.m. in G-08 Uris Hall and runs to 5:30 p.m. Saturday's session will be held in 215 McGraw Hall and begins at 9:30 a.m. and runs to 5:30 p.m. For more information, call Professor John Borneman at 255-6790.

## theater

**Department of Theatre, Film & Dance**

• **RPTA/Student Showcase:** See the Resident Professional Theatre Associates in action in a spectacular display of collaborative theater Sept. 8, 2 p.m., Flexible Theatre, Center for Theatre Arts, free.  
 • **Students are invited to audition for the upcoming fall productions:** "All in the Timing: Six One-Act Comedies" by David Ives and "Angels in America Part Two: Perestroika," Sept. 4-5, 6:30 to 8:30 p.m., Flexible Theatre, Center for Theatre Arts.

## miscellany

**Alcoholics Anonymous**

Meetings are open to the public and will be held Monday through Friday at 12:15 p.m. and Saturday evenings at 5 p.m. in Anabel Taylor Hall. For more information, call 273-1541.

**Campus Club**

The Campus Club will hold its Fall Coffee Sept. 12 from 10 a.m. to noon at the North Triphammer Lodge and Conference Center, formerly the Sheraton Inn and Conference Center, located adjacent to Triphammer Plaza. All women in the Cornell community are invited, including trustees, faculty, staff, research associates, postdocs, graduate students and the spouses of men in these categories. During the coffee, guests may join the Campus Club and sign up for its many activity and service groups. The club also sponsors a lecture series and several social events throughout the year.

**Cornell University Program Board**

A group of performers who are all HIV positive or who have full-blown AIDS will give a presentation Sept. 8 at 7:30 p.m. in the Memorial Room of Willard Straight Hall. Admission is free.

**Emotions Anonymous**

This 12-step group that helps people deal with emotional problems meets for a discussion meeting on Sundays at 7:30 p.m. and a step meeting on Tuesdays at 8 p.m. at the St. Luke Lutheran Church, 109 Oak Ave., Colletown. For more information call 387-0587.

**Group Guitar Lessons**

Once again, the Willard Straight Hall Program Board presents Phil Shapiro's group folk guitar lessons. There are eight one-hour lessons on Monday evenings, starting Sept. 9, in the North Room of Willard Straight Hall. Beginner lesson is at 7 p.m.; intermediate, at 8 p.m. Registration is at the first lesson; bring a guitar. Course cost is \$45, payable at the first lesson. For more information, call Phil at 844-4535.

**Immunization & TB Test Clinics**

Immunization and tuberculosis test clinics for new students are scheduled for Mondays, Tuesdays and Fridays in September at the following times at Gannett Health Center: Mondays, Sept. 9 and 16, from 1:30 to 3:30 p.m.; Tuesdays, Sept. 10 and 17, from 1:30 to 3:30 p.m.; and Fridays, Sept. 6, 13 and 20, from 9 to 11:30 a.m. All new students are required by New York state law to be immunized against measles, mumps and rubella, and Cornell also requires immunization against tetanus within the past 10 years. International students also must have a TB test within one year prior to admission to Cornell or a chest X-ray within one year of entry if they have a history of positive TB tests. No appointment is needed. For more information, call 255-4364.

**Ithaca Area Toastmasters**

Enhance your public-speaking skills. The Toastmasters meet the first, third and fourth Thursdays each month at 7 p.m. at BOCES Room A14. For information call 277-3342.

## Africana Studies Center to host colloquium series on Wednesdays

By Jill Goetz

Afrocentricity in "The Lion King" and senior living in upstate New York for African Americans are some of the topics to be addressed in a colloquium series this fall at Cornell's Africana Studies and Research Center. Free and open to the public, the series will be held Wednesdays from noon to 1:30 p.m. in the Hoyt Fuller Room of the Africana Center, 310 Triphammer Road; refreshments will be served.

On Sept. 11, the series begins with "Afrocentricity on the Internet: The Continuing Debate" by Ayele Bekerie, a visiting assistant professor at the Africana Center. Bekerie is an assistant professor at Temple University and director of its Institute for the Preservation, Reclamation and Promotion of Ancient African Artifacts and Manuscripts; he also is an executive board member of the Ethiopian Community of Greater Philadelphia.

After receiving a Cornell master's degree in agronomy, he became interested in ancient African history and went on to obtain a master's degree in Africana studies from Cornell and a doctorate in African-American studies from Temple. He collaborated on the 1996 book *One House: The Battle of Adwa 1896 - 100 Years* and has participated in the Afrocentricity debate, both in print and cyberspace.

In a letter published in the March 17, 1996, *New York Times* regarding Mary Lefkowitz's book *Not Out of Africa*, Bekerie argues that Egypt is linked to the rest of Africa not only geographically but also culturally, economically and linguistically, and writes, "the Greeks and the Romans cannot be sole claimants of classical traditions."

On Sept. 25, Marcia Fort, director of the Greater Ithaca Activities Center (GIAC) for the past six years, will give a talk titled "My Community: The Color of Our Struggles."

"Often, students and faculty members are not aware of the day-to-day issues that people of color face in the downtown Ithaca community," she said. "I want to share with them what we as people of color - and not just African Americans - face living here and the ways in which Cornell students can get involved."

Oct. 9, Galyn Vesey will discuss "Retirement and Well-Being of Black Seniors in Upstate New York." A postdoctoral associate in Cornell's Department of Human Development and Family Studies and Applied

Gerontology Research Institute, Vesey has studied the health of black seniors living in Syracuse and will discuss his findings from that study; he'll also make suggestions for more effective policies and outreach efforts.

Oct. 23, Patricia Kaurouma, visiting associate professor, will discuss "Duke Ellington's Vision of the Sacred: An Exploration in Words, Music and Visuals." A graduate of the Yale University Divinity School, she will discuss the spiritual inspiration behind some Ellington compositions, as she did this past spring at an international conference at The Sorbonne on African-American music in Europe.

Nov. 6, Kenneth Bowman, visiting assistant professor at the Africana Center and Department of Theatre, Film and Dance, will speak on "Media and Memory: Afrocentricity and 'The Lion King.'"

"This blockbuster film embodies the ancient myth of Osiris, husband of Isis [the Egyptian goddess of fertility]," Bowman said. "Whenever I have drawn the parallels in terms of the characters and the plot between the movie and this ancient Egyptian story, the eyes of people in the audience light up . . . Disney has incorporated the story in a brilliantly innocuous way."

On Nov. 20, Professor Locksley Edmondson will give a presentation titled "In Search of Caribbean Identity: The Caribbean Studies Association." Edmondson, originally from Jamaica, recently was named president of the association and served as director of the Africana Studies and Research Center for the past five years. Professor James Turner, the center's founder and first director, returned to the director's post July 1.

Turner said that the fall series "has been quite consciously organized around the theme of community service and public service education. Cornell has been, in the last few years, advancing its programs in what are referred to as 'public service education.' We thought it was important to highlight the value of public service education, within a broader theme of community and university relationships."

He added, "The series will highlight the interaction between the academic activities of the faculty at the Africana Center and the community work of our colleagues. And it will provide a break from the intense academic environment - a place to relax."

For more information about the Africana Center's fall colloquium series, contact Edmondson at 255-5218.



Bekerie



Bowman

**Lesbian, Bisexual & Gay Studies Brunch**

The Field of Lesbian, Bisexual and Gay Studies will hold a brunch to welcome new and returning students Sept. 8 from 11 a.m. to 1 p.m. in the Big Red Barn. Learn about upcoming events in LGB studies and related organizations for 1996-97. This event is free and open to all.

**Mann Library Workshops**

The following workshops are free and restricted to the Cornell community. Classes are held in the Stone 1 (PC) and Stone 2 (Macintosh) Microcomputer Centers, First Floor, Mann Library. Workshops are limited to 19 participants. Register electronically at <http://www.mannlib.cornell.edu/workshops/> or call the reference desk at 255-5406.

• **Introduction to Literature Searching:** Sept. 11, 9:05 to 10:30 a.m., Stone 1 (PC)  
 • **Surfing the Internet on the World Wide Web:** Sept. 12, 10:10 to 11 a.m., Stone 1, (PC)  
 • **Advanced Web Searching:** Sept. 12, 2:30 to 4 p.m., Stone 1 (PC)

**Olin-Kroch-Uris Library Tours**

For information about any of the following programs, stop at the Reference Desk in Olin or Uris libraries or call 255-4144.

• **Tours of Olin, Kroch and Uris libraries** will begin from Olin Library lobby Sept. 9 through Sept. 13 at 4 p.m.

• **Map collection tour** starts in the Map Collection, lower level of Olin Library: Sept. 6 at 2:30 p.m.

**T'ai Chi Ch'uan**

T'ai Chi Ch'uan, Chinese martial art, for health and self-defense, taught by Kati Hanna '64. Starts week of Sept. 16 and ends week of Dec. 2. Mondays and Thursdays, 5 p.m., Edwards Room, Anabel Taylor Hall.

Also offered are noontime meditative Tai Chi Chi Gung exercises, Tuesdays and Thursdays, 11:30 a.m., Edwards Room, Anabel Taylor Hall.

Fees are charged. First week is free. Wear soft, flat shoes and loose, comfortable clothing. Open to all. Register at the first class. Call Kati Hanna at 272-3972 for information.

**Writing Workshop Walk-In Service**

Free tutorial instruction in writing starts Sept. 8.  
 • 178 Rockefeller Hall: Sunday, 2 to 8 p.m., Monday-Thursday, 3:30 to 5:30 and 7 to 10 p.m.  
 • RPCC, Conference Room 3: Sunday-Thursday, 8 to 11 p.m.  
 • 320 Noyes Center: Sunday-Thursday, 8 to 11 p.m.

## sports

**Men's Soccer**

Sept. 12, Oneonta, 7 p.m.



## CALENDAR

September 5  
through  
September 12

All items for the Chronicle Calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

Notices should be sent to arrive 10 days prior to publication and should include the name and telephone number of a person who can be called if there are questions.

Notices should also include the subheading of the calendar in which the item should appear.

## exhibits

## Johnson Museum of Art

The Herbert F. Johnson Museum of Art, on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Telephone: 255-6464.

• "Three Cornell Artists: John Ahearn, Louise Lawler and Susan Rothenberg," through Oct. 13.  
• "New Furniture: Beyond Form and Function," through Oct. 13.

• "Op Art," through Oct. 13.  
• "The Prints of Frank Stella," through Oct. 13.  
• "Photo-Realism," through Oct. 13.  
• "Pop Art," through Dec. 9.  
• "The Power of Women in Renaissance and Baroque Prints," Sept. 7 through Dec. 15. The exhibition will include work by Albrecht Durer, Lucas van Leyden, Marcantonio Raimondi and others.

**Lecture:** Sept. 7 at 3 p.m., Wendell Castle, one of the major figures in 20th-century furniture, will present a talk, "An Idea in Transition."

**Reception:** A public reception celebrating recent openings of special exhibitions will be held Sept. 7 from 5 to 7 p.m.

**Artbreak:** The Artbreak scheduled for Sunday, Sept. 8, from 2 to 3 p.m. will feature an introduction to art media. Come view video art, one of the newest art media of the 20th century. An informal discussion with Diana Turnbow, curatorial assistant for painting and sculpture, will follow.

## graduate bulletin

• **Late registration:** Bring student ID card to the University Registrar's Office, 222 Day Hall, and go to the Graduate School, Caldwell Hall, for course enrollment. A late registration fee of \$200 plus interest payments will be assessed to those registering after Sept. 20.

• **Course enrollment:** Course enrollment forms will be available in graduate field offices and at the Graduate School, 150 Caldwell Hall. Course enrollment continues through Friday, Sept. 20; return completed form in person to the Graduate School. Students who completed electronic precourse enrollment last spring do not need to complete a course enrollment form; if there is a schedule change, they should complete a course drop and add form.

• **Graduate faculty meeting:** Friday, Sept. 6, 4 p.m., General Committee Room, 125 Caldwell Hall. This meeting is solely for the purpose of voting on August degrees.

• **Graduate teaching development workshop:** An all-day graduate teaching development



**Ian McKellen stars as Richard, a charismatic malcontent and England's most ruthless monarch, in United Artists' unique version of Shakespeare's tale of power and political intrigue, "Richard III," playing at Cornell Cinema this week.**

Alex Bailey

## films

Films listed are sponsored by Cornell Cinema unless otherwise noted and are open to the public. All films are \$4.50 (\$4 for students, kids 12 and under and seniors), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2), Thursday early bird matinees (5:15) and Sunday matinees (\$3). Films are held in Willard Straight Theatre except where noted.

## Thursday, 9/5

"Richard III" (1996), directed by Richard Loncraine, with Ian McKellen and Annette Bening, 5:15 p.m.

"The Truth About Cats and Dogs" (1996), directed by Michael Lehmann, with Uma Thurman and Janeane Garofalo, 7:30 p.m.

"Taxi Driver" (1976), directed by Martin Scorsese, with Robert DeNiro and Jodie Foster, 9:45 p.m.

## Friday, 9/6

"The Truth About Cats and Dogs," 7:20 p.m., Uris.

"The White Balloon" (1995), directed by Jafar Panahi, with Aida Mohammadkhani and Mohsen Kalifi, 7:30 p.m.

"Richard III," 9:30 p.m.

"The City of Lost Children" (1995), directed by Jean-Pierre Jeunet and Marco Caro, with Ron Perlman, Daniel Emilfork and Judith Vittet, 9:30 p.m., Uris.

"Taxi Driver," midnight, Uris.

## Saturday, 9/7

"Taxi Driver," 7:15 p.m., Uris.

"The White Balloon," 8 p.m.

"I Shot Andy Warhol" (1996), directed by Mary Harron, with Lili Taylor and Jared Harris, 9:30 p.m.

"The Truth About Cats and Dogs," 9:45 p.m., Uris.

"The City of Lost Children," midnight, Uris.

## Sunday, 9/8

"Richard III," 2:30 p.m.

"I Shot Andy Warhol," 7:15 p.m.

"The World of Jacques Demy" (1995), directed by Agnes Varda, with Anouk Aimee and Michel Legrand, 7:30 p.m., Uris, free.

"The Truth About Cats and Dogs," 9:30 p.m.

## Monday, 9/9

"Paris qui Dort" and "Crainquebille" (1922), directed by Rene Clair and Jacques Feyder, 7:15 p.m.

"I Shot Andy Warhol," 9:45 p.m.

## Tuesday, 9/10

"The White Balloon," 7:30 p.m.

Margaret Mead Film Festival: Religion Today, 7:30 p.m., CTA Film Forum.

"Nico Icon" (1995), directed by Susanne Olfinger, 9:30 p.m.

## Wednesday, 9/11

"Let Him Have It" (1991), directed by Peter Medak, with Chris Eccleston and Paul Reynolds, 7:15 p.m.

"I Am Cuba" (1964), directed by Mikhail Kalatozov, presented by CUSLAR and LASP, 8 p.m., Uris, free.

"Flirting With Disaster" (1996), directed by David Russell, with Ben Stiller and Patricia Arquette, 9:45 p.m.

## Thursday, 9/12

"Antonia's Line" (1995), directed by Marleen Gorris, with Willeke Van Ammelroy, 5:15 p.m.

"Dead Man" (1996), directed by Jim Jarmusch, with Johnny Depp, Gary Farmer and Robert Mitchum, 7:20 p.m.

"Mission: Impossible" (1996), directed by Brian DePalma, with Tom Cruise and Emmanuelle Beart, 10 p.m.

## lectures

## Africana Studies &amp; Research Center

"Afrocentricity on the Internet: The Continuing Debate," Ayele Bekerie, visiting assistant professor, Sept. 11, noon, Hoyt Fuller Room, 310 Triphammer Road.

## Southeast Asia Program

"A Summer in Northern Sulawesi," John Wolff, director, Southeast Asia Program, Sept. 5, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"Indonesia's Present Through the Prism of Its Recent Past," Barbara Harvey, U.S. Embassy, Jakarta, Sept. 12, 12:15 p.m., 640 Stewart Ave.

## music

## Bound for Glory

Sept. 8: Mike Agranoff will perform. The show runs Sunday nights from 8 to 11 p.m., with live sets at 8:30, 9:30 and 10:30 p.m. in the Cafe at Anabel Taylor Hall. Admission is free and is open to everyone. Bound for Glory can be heard on WVBR-FM, 93.5 and 105.5.

## religion

## Sage Chapel

The Rev. Janet Shortall, assistant director of Cornell United Religious Work, will give the sermon Sept. 8 at 11 a.m.

## African-American

Sundays, 5:30 p.m., Robert Purcell Union.

## Baha'i Faith

Fridays, 7 p.m., firesides with speakers, open discussion and refreshments. Meet at the Balch Archway; held in Unit 4 lounge at Balch Hall. Sunday morning prayers and breakfast, 7 a.m.

## Catholic

Weekend Masses: Sunday, 10 a.m., noon and 5 p.m., Anabel Taylor Auditorium. Daily Masses: Monday-Friday, 12:20 p.m., Anabel Taylor Chapel. Sacrament of Reconciliation: Call the Catholic Office at 255-4228 for an appointment.

## Christian Science

Sundays, 10:30 a.m., First Church of Christ Scientist, University Avenue at Cascadilla Park. Testimony meetings sharing healing through prayer and discussion every Thursday at 7 p.m., Founders Room, Anabel Taylor Hall. For more information see <<http://www.msc.cornell.edu/~bretz/cso.html>>.

## Episcopal (Anglican)

Sundays, worship and Eucharist, 9:30 a.m., Anabel Taylor Chapel.

## Friends (Quakers)

Meeting for worship, Sundays, 10:30 a.m., Hector Meeting House, Perry City Road. Child care and rides provided. For more information, call 273-5421.

## Jewish

Saturday Services: Orthodox: 9 a.m., Edwards Room, Anabel Taylor Hall.

## Korean Church

Sundays, 1 p.m., chapel, Anabel Taylor Hall.

## Lutheran

Sundays, 9:30 a.m., and Thursdays, 7 p.m., St. Luke Lutheran Church, Oak Ave. at College Ave.

## Muslim

Friday Juma' prayer, 1:15 p.m., One World Room, Anabel Taylor Hall. Daily Zuhr, Asr, Maghreb and Isha' prayers at 218 Anabel Taylor Hall.

## Protestant

Protestant Cooperative Ministry: Worship, Sundays, 11 a.m., Anabel Taylor Chapel.

## seminars

## African Development Institute

"The French in Africa: A Historical Overview,"

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