

A clue to AIDS in humans may come from a similar disorder in puppies, researchers find.

Noted scholar and emeritus architecture Professor Colin Rowe will be honored with a *Festschrift* in April.

## President recommends new campus residential housing policy

By Jacquie Powers

President Hunter Rawlings is recommending a comprehensive campus residential housing policy designed to reinforce the broad educational mission of the university by uniting the intellectual and social lives of undergraduate students and fostering a greater sense of community.

Rawlings will present his recommendations to the Board of Trustees on Friday and seek board approval in May. The new policy was drafted by Rawlings; Susan H. Murphy, vice president for student and academic services; and Provost Don M. Randel, after they reviewed a report from the Residential Communities Committee. That committee, composed of faculty, staff, students and alumni, issued its final

**'Our residential communities should provide supportive intellectual, cultural, social and personal environments so that students may fully develop their talents at Cornell.'**

— Hunter Rawlings

report in December 1995, after meeting with members of the campus community and holding public hearings.

The goal of the new policy is "to provide supportive

residential communities that contribute to an intellectually engaged and socially responsible campus environment," according to the report Rawlings is presenting to the board. The recommendation also is being distributed to various campus groups and is available electronically at <<http://www.sas.cornell.edu/rcc/index.html>>. Comments may be directed to Murphy.

"Our residential communities should provide supportive intellectual, cultural, social and personal environments so that students may fully develop their talents at Cornell," Rawlings said. "It is important that they have ample opportunities both inside and outside of the classroom to develop the qualities required for leadership and service, as well as

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## Chancellor of SUNY will address trustees

The Cornell Board of Trustees is meeting on campus today and Friday.

The Executive Committee of the board will meet from 2 to 3:30 p.m. today in the Yale-Princeton Room of the Statler Hotel. A 20-minute open session will be held at the start of the meeting. Topics will include an update on State University of New York (SUNY) budget discussions and discussion of statutory college tuitions and the universitywide admissions and financial aid policy.

The board's open session on Friday will run for approximately two hours, beginning at 9 a.m. in the Trustee Meeting Room at the Herbert F. Johnson Museum of Art. SUNY Chancellor Thomas A. Bartlett will attend the meeting accompanied by SUNY Trustee Edward F. Cox. Bartlett will address the board at 9:15 a.m. on Friday. Cornell's four statutory colleges — the College of Human Ecology, the College of Agriculture and Life Sciences, the College of Veterinary Medicine and the School of Industrial and Labor Relations — are part of the SUNY system.

Topics on the agenda of the open session will include the state budget situation, statutory college tuitions and the universitywide policy on admissions and financial aid. The board also has invited Ithaca Mayor Alan Cohen '81 to make a brief presentation at its Friday afternoon session.

Three other board committees will have open sessions:

- The Buildings and Properties Committee will have a brief open session at the beginning of its meeting this morning at 9 a.m. in the Yale-Princeton Room of the Statler Hotel. Topics will include the statutory capital project current outlook.

- The Committee on Land Grant and Statutory College Affairs will hold an open meeting from 12:15 to 1:45 p.m. Friday in the Wiswall Laboratory at the College of Veterinary Medicine. Topics will include a

*Continued on page 2*

## Animal attractions



Charles Harrington/University Photography  
**Long Valley, N.J., veterinarian Corinne T. Kenney, DVM '62, poses in the gallery of the new Veterinary Medical Center beneath permanent artwork banners she created showing silhouettes of animal species. The gallery's inaugural art exhibit also features Kenney's paintings, which will remain on display through Reunion in June.**

## CU's mission is enhanced by ILR programs

The following is an excerpt of a speech by President Hunter Rawlings, delivered to an audience at the Empire State Plaza in Albany as part of a yearlong celebration of the 50th anniversary of Cornell's School of Industrial and Labor Relations. The March 19 event was sponsored by the Albany alumni chapter of the ILR Alumni Association.

I want to talk a bit more about the ILR Extension Division and ILR's broad public service role, which derive from Cornell's unique status as the land-grant university for the state of New York.



Rawlings

I want to do that because, while the school's extension and outreach programs are sought out by labor, management and others throughout the state — serving, at last count, 46,000 people each year — the reason Cornell puts so much effort into these activities, rather than focusing solely on campus concerns, is not always well understood.

And yet, I would argue, Cornell's commitment to a statewide mission is a long-standing one, going back more than 130 years to the founding of the university itself.

It is a commitment that has grown from a focus almost exclusively on rural concerns to one that addresses urban and suburban as well as rural issues.

It is a commitment that has grown from one school at the university to the institution as a whole.

It is a commitment that continues to be important for our faculty and students, for the state and for the nation.

Cornell, like its sister land-grant universities in other states, was created by the federal Morrill Act of 1862 to provide instruction in the traditional liberal arts subjects and also in agriculture and the mechanic arts — which we would define today as subjects with application to industry.

Over the years, additional federal legislation — the Hatch Act of 1887 and the Smith-Lever Act of 1914 — gave the land-grant universities specific responsibilities for research, extension and outreach. The result has been a class of institutions with an unusual ability to: link theory and practice; enrich on-campus programs with the perspective of the real world; and provide

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## Hockey team's season ends with loss in NCAA tournament

The curtain came down on a Cinderella season for the Cornell men's hockey team last Friday night — but what a season it was.

The team's final game was a 5-4 loss to Lake Superior State in the semifinals of the NCAA Eastern Regional tournament at Albany's Knickerbocker Arena, March 22.

The Big Red finished its season with a

21-9-4 record overall, and it was 14-4-4 in the Eastern Collegiate Athletic Conference.

The team, which had been picked in the ECAC coaches' preseason poll to finish in ninth place, finished fourth in the regular season and then earned its way into the NCAAs by winning the ECAC tournament the previous weekend in Lake Placid.

After the NCAA regional semifinal game, which Lake Superior State won on a power play goal with 12:55 left, Cornell's first-year head coach Mike Schafer was looking to the future.

"This [tournament]," he told *The Ithaca Journal*, "is a place Cornell wants to come back to year after year."

## BRIEFS

■ **Express mail supplier:** Cornell Mail Services and Purchasing have chosen a single preferred supplier of express mail services for the Cornell community. A two-year contract locks in low rates for all services provided by Airborne Express. When compared with the other bidders, their highly competitive rates (less than \$5 for an overnight express letter), customer satisfaction statistics, and ability to track shipments around the clock made them stand out. A series of information sessions has been arranged for the Cornell community to find out more about Airborne. For session times and more information on how your department can save money using Airborne Express, visit the World Wide Web at <[http://www.cornell.edu/Admin/mail\\_services.html](http://www.cornell.edu/Admin/mail_services.html)> or call Kathy Baylor, mail preparation manager, at 255-6838.

■ **Students sought for committees:** The following faculty committees are seeking students who have an interest in becoming members for 1996-97: Faculty Committee on University Lectures – two (1 graduate and 1 undergraduate); University Faculty Library Board – two (1 graduate and 1 undergraduate); University-ROTC Relationships Committee – four (non-ROTC students); Faculty Committee on Music – two (1 graduate and 1 undergraduate). Application forms are available in the offices of the Dean of Faculty, Dean of Students and Assemblies; at desks in the Straight, Noyes Center and Robert Purcell Union; and at the Information and Referral Center in Day Hall. Completed applications must be returned to the Office of the Dean of Faculty, 315 Day Hall, by Monday, April 8. Four other faculty committees also have student members. They are Academic Freedom and Professional Status of the Faculty, Academic Programs and Policies, Admissions and Financial Aid, and the Faculty Advisory Committee on Athletics and Physical Education. Applications are available in the Office of the Assemblies, 165 Day Hall.

■ **Women's Studies board:** The Women's Studies Program is seeking nominations and self-nominations of Cornell faculty, students, staff and community members to serve on its executive board, effective July 1. For further information, contact the Women's Studies Program, 391 Uris Hall, 255-6480. Nominations will be open until April 2. New board members are selected by the existing board. Women's Studies, a permanent program in the College of Arts and Sciences, aims to encourage the development of teaching and scholarship about women and the sex/gender system as it affects both women and men. Policy is set by the executive board.

## CORNELL Chronicle

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## Exit the dragon



Adriana Rovers/University Photography

**Charles Provine, a senior in Arts and Sciences, took it upon himself to volunteer to help the Grounds Department with its cleanup efforts after the annual Dragon Day festivities before Spring Break. On March 15, Provine uses a pitchfork to remove toilet paper hanging from trees on the Arts Quad.**

## OBITUARIES

**Stuart MacDonald Brown Jr.**, a former Cornell administrator and professor who was an authority on the philosophy of ethics and political theory, died March 18 at the Reconstruction Home in Ithaca. He was 80.

He died from complications of a stroke, said his wife, Catherine D. Hemphill.

Brown spent nearly all his professional life in university teaching and administration. He taught philosophy at Cornell from 1946 to 1970, served as dean of the College of Arts and Sciences from 1964 to 1969 and as vice president for academic affairs from 1968 to 1970.

Brown left Cornell to become vice president for academic affairs at the University of Hawaii in 1970. He returned to Cornell in 1974 as professor and retired from the faculty in 1981.

While at Cornell, Brown oversaw the development of a new major, biology and society. The major, which still is offered, combines training in biology with the exposure to perspectives from the social sciences and humanities on the political, social and ethical aspects of modern biology.

He earned his bachelor's and doctoral degrees from Cornell in 1937 and 1942, respectively.

He served in the U.S. Army Signal Corps from 1943 to 1946, attaining the rank of master sergeant.

Brown was managing editor of *The Philosophical Review* from 1950 to 1954 and from 1959 to 1961. He was a regular contributor to such journals as *The Review*, the *Journal of Philosophy* and *Ethics*.

He also wrote for the *American Kennel Gazette*, drawing on his expertise and interest in philosophy and dogs. He and his wife showed and bred giant schnauzers.

Brown was born in Concord, N.C., and grew up in Camp Hill, Pa., and Indianapolis before moving to Ithaca in the 1930s.

In addition to his wife, Brown is survived by a son, James, of Corrales, N.M.; and two daughters, Deborah New of Canastota, N.Y.; and Margaret Cassidy of Putney, Vt. A son, Peter, died in 1981.

In lieu of flowers, contributions may be sent to the Reconstruction Home, 318 S. Albany St., Ithaca, N.Y., or to the SPCA, 1640 Hanshaw Road, Ithaca.

◆  
**Ruth Chinitz Uris**, a Presidential Councillor and longtime benefactor of Cornell, died March 19 at her home in New York City.

Through her husband, the late philanthropist and builder Harold D. Uris (Cornell Class of 1925), Ruth Uris became an active and generous supporter of Cornell and its Medical College.

The couple was honored in 1982 as "foremost benefactors of the University" for their many contributions, including gifts to renovate the undergraduate library and social sciences building, both of which were named for the Uris family. They also provided two sculptures by the artist Jacques Lipchitz for the library grounds. Mrs. Uris established a book endowment in memory of her husband at the dedication of Uris Library in 1982.

The garden on the south slope of the A.D. White House, home of Cornell's first presi-

## Big Red Book receives award

The *Big Red Book* was one of 12 entries chosen "Best in Show" from about 8,000 pieces submitted to Admissions Marketing Report's 11th annual Admissions Advertising Awards competition by 1,200 institutions and agencies. The award is especially gratifying because the ARM competition is often dominated by professional design and editorial agencies. Of the 45 viewbooks that received honorable mention or above, 27 were produced by outside agencies.

"We want to extend a special congratulations to the people who were involved in putting these projects together," the judges wrote. "Your hard work has provided an exceptional contribution to the field of admissions marketing and advertising."

The *Big Red Book* was a collaboration among the offices of Communication Strategies, Publications Services and University Photography. It was conceived and written by Carole T. Stone with editorial direction of Edward Hershey of CommStrat. It was designed by Judith Burns under the art direction of Sally Dutko and edited by Beth Lyons of Publications Services. All photography was shot by Charles Harrington.

### Trustees *continued from page 1*

budget update, including early retirement legislation, a legislative update and proposed statutory college tuitions.

- The Committee on Academic Affairs and Campus Life will hold a brief open session at the beginning of its meeting at 3:30 p.m. today in the Statler's Pennsylvania Room. The topic will be the final report on the Middle States Association Periodic Review.

- The Audit Committee will hold a brief open session at the start of its dinner meetings at 6:30 p.m. today in the Taylor Room of the Statler.

A limited number of tickets for the open sessions of the Executive Committee and of the full board have been available at the Information and Referral desk in the lobby of Day Hall. No tickets are needed for the open sessions of the other committees.

dent, was named the Ruth Uris Flower Garden in her honor in 1980.

"Ruth Uris was a remarkable woman whose breadth of interests and largeness of heart touched all who knew her," President Emeritus Frank H.T. Rhodes said. "She had a longstanding interest in Cornell, first through her husband, Harold Uris, and after his death in her own right. As Presidential Councillor, life member of the Medical College Board of Overseers and as a generous benefactor, she left an indelible impact on Cornell."

"The garden dedicated to her is a tribute that resembles her life in bringing gladness and joy to many," Rhodes added. "She was a treasured friend; as we mourn her loss, we celebrate her life."

In addition to her service on the Board of Overseers for the Medical College and Graduate School of Medical Sciences, Mrs. Uris also served on the college's Advisory Council and in 1982 on a committee to raise funds for the renovation of the pediatric inpatient unit. She was named a Presidential Councillor in 1982.

She was a founding member in 1972 of Cornell's Herbert F. Johnson Museum of Art Council and also was involved in New York's Metropolitan Museum of Art, Lincoln Center, the Whitney Museum of American Art and the Federation of the Handicapped.

A 1931 graduate of Smith College, Ruth Uris is survived by four daughters and eight grandchildren.

Funeral services were held March 21 at Temple Emanu-el, Fifth Avenue and 65th Street, in New York City.

# Library enables USDA stats to be accessed on the Web

By Blaine P. Friedlander Jr.

Back in the old days—say 1993—Cornell agriculture students surfed the U.S. Department of Agriculture Economics and Statistics System gopher site at the university's Albert R. Mann Library for the latest in crop and farm information. Well, that was then.

Now, the USDA site has jumped onto the World Wide Web. As of February, it can be found at: <http://usda.mannlib.cornell.edu/usda/usda.html>.

To help students, faculty, growers and farmers prosper, Mann Library began providing Internet access to USDA statistical data from the Economic Research Service (ERS) and the National Agricultural Statistical Service (NASS) about two years ago. These files included crop, livestock and agricultural economic statistics from the United States and other countries. Last year,

**'This upgrade enables the library to improve the user interface substantially, making it much easier to locate related information.'**

— Oya Rieger

the system was expanded to include reports from the ERS, NASS, and the World Agricultural Outlook Board (WAOB). These include weekly, monthly and quarterly forecasts and estimates on crop production, dairy outlooks, wheat forecasts and many others.

But in a short two years, easy-to-use, graphical Web browsers have revolutionized using the Internet.

"In the early 1990s, when the library was

creating this system, Gopher technology was the leading Internet access method," said Oya Rieger, Cornell public services librarian. "During the last two years, the World Wide Web became the preferred Internet protocol. This upgrade enables the library to improve the user interface substantially, making it much easier to locate related information."

Beginning in October 1995, a group headed by Rieger performed the technical upgrades necessary to convert the ERS, NASS and WAOB data and reports into the World Wide Web environment. Although this new, improved delivery mechanism is now available, the Gopher remains to continue service to sites where Web access is difficult.

Much of this Web upgrade project was funded by the USDA's Cooperative State Research, Education and Extension Service. Since January 1994, the system has hosted more than 150,000 users—an aver-

age of more than 200 users a day—with user support provided by Mann and USDA staff.

Mann Library will continue its Gopher, Telnet and FTP sites, too, so that on-line users with limited hardware/software settings can continue to use the resources. For Gopher access, connect to: [usda.mannlib.cornell.edu](mailto:usda.mannlib.cornell.edu). For Telnet access, connect to: [usda.mannlib.cornell.edu](mailto:usda.mannlib.cornell.edu) and log in as [usda](mailto:usda). No password is needed for Telnet access. To use the anonymous FTP protocol, connect to [usda.mannlib.cornell.edu](mailto:usda.mannlib.cornell.edu) and log in as [anonymous](mailto:anonymous) with your ID name or e-mail address as your password. Then, change the directory with [cd usda](mailto:cd usda). Internet users with access to the Web may use the address: [gopher://usda.mannlib.cornell.edu](mailto:gopher://usda.mannlib.cornell.edu).

For questions about accessing this information through the Internet, contact the Mann Library Reference Desk at 255-5406, or send e-mail to [help@usda.mannlib.cornell.edu](mailto:help@usda.mannlib.cornell.edu).

## He looks familiar



Adriana Rovers/University Photography

**Franklin M. Loew, dean of the College of Veterinary Medicine, shares a light moment with his predecessor, Robert D. Phemister, as the former dean and professor of pathology views a portrait of himself commissioned for the vet college by the college's alumni association. The portrait, by Ithacan William Benson, BFA '72, was unveiled on March 22 during the annual continuing education conference for veterinarians at the Statler Hotel.**

## Proposals are sought for 1996 Smith Award

The committee for the 1996 Robert S. Smith Award for community progress and innovation is inviting proposals from organizations and agencies in the community and at Cornell.

Applications are due by April 19.

Established at Cornell in 1994 through a grant of \$100,000 from Tompkins County Trust Co. for the university's capital campaign, the award is named for the bank's former board of directors chairman, who is the W.I. Myers Professor Emeritus of Agricultural Finance at Cornell.

The award was established to:

- promote community outreach efforts directed toward solutions of social and economic problems; and
- stimulate innovative and creative student projects that will generate program partnerships between community organizations and Cornell students.

An award, or awards, of up to \$2,500 will be given to a sponsoring program to employ a Cornell student, or students, to help carry out a community development project. A sponsoring program can be a profit, or not-for-profit, community organization, agency or business in Tompkins County, or a Cornell department, center, institute or unit.

Projects are judged for their potential to stimulate tangible progress in such areas as: nutrition and health, community housing, small business enterprise, youth development, the arts, agriculture, and the environment.

Last year's Robert S. Smith Award winners, selected from 18 applications, were:

- The Women's Community Center—for the development of a unique community-based Women's Economic Development Resource Center.

- The Varna Volunteer Fire Co.—for a fire district mapping project.

- Tompkins County 4-H—to enrich their after-school Academic Excellence Program by adding a job skills/career awareness component.

The 1994 recipients were:

- The Tompkins County Planning Department—for a student to organize a workshop to discuss technology transfer opportunities in Tompkins County.

- The Sciencenter—for a summer program assistant to provide hands-on science programs for youth.

- The Learning Web—for a rural community service program assistant.

A two-page application form for the award is available from: TCTC Robert S. Smith Award Committee, c/o Ann Argetsinger, Cornell Cooperative Extension, 276 Roberts Hall, Cornell University, Ithaca, NY 14853-4203, telephone 255-2117.

Applications are due at the above address by April 19. Sponsoring agencies will be notified of receiving the award by May 1, 1996.

## Saturday conference examines development in Africa

By Jill Goetz

The Cornell African Students Association (CASA) will host a conference on sustainable development in sub-Saharan Africa this Saturday in Anabel Taylor Hall Auditorium.

Free and open to the public, the conference will feature faculty members, some of whom have lived and worked in sub-Saharan Africa, from Cornell's Africana



Muneke

Research and Studies Center and departments of natural resources; agricultural and biological engineering; soil, crop and atmospheric sciences; and agricultural, resource and managerial economics. Also participating will be Bal Ram Singh, professor of soil science at the University of Norway, and Adenike Ojo, of the World Bank in Nigeria, who will take part in a late-afternoon panel.

As the phrase implies, sub-Saharan Africa includes all African nations south of the Sahara desert, including those in the Sahel region. According to Vuvu Muneke, CASA president, most countries in this

region have extremely poor economies and are struggling with how to improve those economies without harming their environments through, for example, the overuse of pesticides and fertilizers.

"Currently, there is a growing interest in sub-Saharan Africa on how available resources can be used without jeopardizing the potential for future generations to use them," said Muneke, a graduate student in fruit and vegetable science.

"The essential feature of sustainability," he continued, "is a recognition that while in some cases there will be a trade-off between economic growth and the environment, economic management can impact positively on the environment, and improved environmental quality can enhance the performance of the economy."

Speakers at a morning session from 9:15 to noon titled "Environmental Aspects of Sustainability" will include Richard McNeil, Cornell professor of natural resources, who will give an overview of sustainable development, and William Jewell, professor of agricultural and biological engineering, who will discuss the role of waste-water recycling. The session will be moderated by Muna Ndulo, a visiting professor in the Cornell Law School.

In an afternoon session titled "Technical

and Economical Aspects of Sustainability" from 12:40 to 3:45 p.m., Erick C.M. Fernandes, assistant professor of soil, crop and atmospheric sciences, will discuss successful agroforestry and farming technologies; Singh will discuss the effects of acid rain, a major threat to crop productivity in sub-Saharan Africa; Jeffrey White, research associate in soil, crop and atmospheric sciences, will discuss the role of indigenous knowledge in sustaining agriculture; and Duane Chapman, professor of agricultural resources and managerial economics, will discuss the role of industrial management in sustainable development. Moderating the afternoon session will be Kifle Gebremedhin, professor of agricultural and biological engineering.

Wrapping up the conference will be a discussion panel from 3:55 to 5 p.m. for all conference participants, moderated by David Lewis, director of Cornell's Institute of African Development.

CASA's goals include fostering solidarity among Cornell's African students and scholars and raising awareness and interest in African culture and affairs in the Cornell community. Its adviser is Salah Hassan, assistant professor in the Africana Studies and Research Center, who will give a welcome address at the conference.

ILR programs *continued from page 1*

knowledge across a wide spectrum of fields to those able to put that knowledge to use in their own lives and for the benefit of society.

The School of Industrial and Labor Relations helps fulfill Cornell's land-grant mission for industry just as Cornell Cooperative Extension does for agriculture and related fields.

In every part of the state, ILR works, through its extension division, to bring knowledge to the people and, in the process, it gains valuable insights from the real world that inform its teaching and its research.

Here in Albany, ILR extension offers many joint labor-management programs — an area of interest that is growing statewide and is now the largest component of ILR extension's programming in terms of registrants.

More than 14,000 people enrolled in labor-management training programs statewide last year — more than 4,000 of them in the Albany area. For members of minority groups, for recent immigrants and for many others, ILR's extension programs provide the rungs on the economic ladder to help them become supervisors and managers, union stewards, officials and presidents. These extension programs provide a gateway to positions of responsibility in American life and a way to achieve the American dream.

Cornell's commitment to a statewide mission is expressed in other ways — and here again ILR is playing a major role.

Its Program for Employment and Workplace Systems (PEWS), for example, has been a major force in economic development in the state. PEWS provides information and consulting services to private and public sector organizations — including companies and their unions. It applies the latest principles of work organization to improve productivity and service as well as product quality.

In addition, PEWS has helped imple-



Robert Barker/University Photography

**President Hunter Rawlings, right, speaks with New York State Sen. James J. Lack (R-C-2nd), left, and ILR School Dean David Lipsky at a luncheon in Albany March 19. Lack, deputy majority whip of the State Senate, earlier had been a panelist in a discussion titled "The Workplace of the Future: Changing Federal Responsibilities and Their Effect on New York." The event was sponsored by ILR School's Albany alumni chapter in commemoration of the school's 50th anniversary.**

ment shared decision-making in school districts throughout the state, including Binghamton and Chenango Forks.

Similarly, the school's Chemical Hazard Information Program (CHIP) provides scientific and technical expertise to help business and labor prevent occupational injury and illness by solving problems in the work environment — thereby reducing costs to employers and risks to employees.

Yet another example is the school's Institute for Industry Studies, which works with both labor and management in specific industries to help parties reach a common understanding of the challenges and problems that need to be addressed.

Another expression of Cornell's commitment to a statewide mission is its involvement in public policy creation — and here again ILR has been at the forefront of the university's

efforts, especially in the area of public sector bargaining law and policy.

ILR faculty were involved in the development of the Taylor Law in 1966-67. Their subsequent research on the law's effectiveness has led to policy improvements in New York state and beyond.

And the school's alumni and faculty continue to serve as neutral arbitrators and mediators for the Public Employment Relations Board (PERB). Faculty members have also provided advice to the New York State Department of Labor on issues such as unemployment insurance, workforce development and job retraining programs.

Programs of this sort, aimed at helping the state and the nation in the quest for a productive economy and an equitable society, are very much a part of what Cornell is all about.

We are, first and foremost, a service institution. Like other high-quality universities, we serve our students with excellent academic programs and enriching experiences that will equip them to assume positions of leadership. We serve the public through research across the whole spectrum of fields — from the most rigorous of the hard sciences to the more ambiguous, but equally important, inquiries into why people behave as they do.

But to an extent that is unique among New York state's universities — we also provide direct service to the state of New York and the people who choose to make it their workplace and their home.

A state-wide mission, rooted in service, is fundamental to the School of Industrial and Labor Relations and its extension division; it is also fundamental to Cornell.

In a rapidly changing workplace and in a rapidly changing society, Cornell's statewide mission of public service is a precious resource for everyone in the state of New York.

Residential housing policy *continued from page 1*

for academic achievement."

Key elements of the proposal include construction of a new residential facility; expanded faculty participation in residential programs; periodic review of those programs; a gradual shift to more upper-class participation in campus housing; a phased-in limitation on freshmen living in program and theme houses; and at least a five-year moratorium on new program and theme houses.

Cornell houses approximately 5,800 of its 12,900 undergraduates in single-sex and co-educational residences and in 10 program houses organized around specific themes. Fraternities and sororities house approximately 1,800 students, and cooperatives another 300. Freshmen are guaranteed housing on campus, and virtually all choose that option; upperclassmen and transfers are accommodated as space is available.

The new policy sets forth six principles that will guide the university over the next five to seven years as it redesigns its residential communities. Those principles include:

- On-campus housing should be guaranteed to freshmen, sophomores and transfer students.

- Residential communities should include sufficient numbers of upperclassmen to serve as mentors to newer students and to help provide a sense of continuity for the community.

- Residential communities should be small enough to create a supportive environment and appealing enough to attract more upper-division students than currently live on campus.

- Residents should serve as active participants in the design and creation of programs offered through the residential communities and play an active role in their governance.

- Faculty should be actively engaged in the life of the residential community, both as faculty-in-residence and as faculty fellows.

- Cornell should continue to provide undergraduates a broad range of housing alternatives, including cooperatives, fraternities and sororities, program houses and single-sex and co-educational residence halls. The exercise of individual choice should remain an important principle. The university, however, has a particularly important interest in assuring that freshmen have the widest possible exposure to the full range of intellectual and social opportunities available, and it should design its housing options for these students accordingly. Upperclassmen should be encouraged to remain in university-affiliated housing. When room assignments are made, attempts should be made to match roommates who have compatible living habits.

The recommendations include the following actions to accomplish the long-term goal for residential communities and fulfill the basic principles outlined above:

- On-campus housing should be expanded, with con-

struction of at least one new facility.

- New space should be designed to allow faculty to live in residence, attract both freshmen and upperclassmen, provide appropriate community space for programming and academic activities and be structured so that residents feel part of smaller communities within a larger residence hall. Residence hall fees should not be the sole source of financing for this additional space.

- The existing stock of on-campus housing should be improved so that it, too, can better support the goals and principles of residential communities. Particular attention should be directed toward modifications that would allow more faculty to be in residence; that would attract a mix of students to each residence; and would provide increased space for quiet study in the residence halls.

- Residential faculty programs should grow. Each residence that houses more than 200 students should have a faculty-in-residence. New funds to support the faculty programs should be identified to reduce their impact on housing fees.

- The First Year Experience program should be offered through the residential communities, linking small groups of new students from at least two different residences with a faculty fellow and a student and staff adviser. The goal of the First Year Experience should be to introduce new students to values of the university, including academic and personal self-confidence, intellectual passion, community and service. Through the First Year Experience, students also should be introduced to the history, traditions and policies of Cornell. The program should be initiated in the fall of 1996 with a small number of entering freshmen. The Office of the Dean of Students should coordinate the First Year Experience and offer it in cooperation with Campus Life.

- All residences should create programs to support the fundamental goals and principles outlined above.

- More programs should be offered through Noyes and Robert Purcell Community Centers. These centers should be a focus for social and intellectual activity for the residents who live near them in addition to serving as dining halls. Students representing each residence hall, and perhaps cooperatives and Greek houses in the area, should serve as a programming board for the community center to design and deliver programs.

- Campus Life should participate in the program review process that is being introduced across campus. The purpose of the review would be to determine how the programs and policies within all the existing residential communities contribute to the fundamental goal and basic principles stated above and to develop a plan to implement changes when necessary.

- Fraternities, sororities and cooperatives should be asked

to participate in the program review process as well. They also should be encouraged to develop their own goals and principles to guide their participation in and contribution toward the educational mission of the university. They should participate in the faculty programs offered to the other residential communities.

- The university should recognize that individual students have different interests and different needs, and these differences should be accommodated in the range of housing choices to the extent practicable. It is also important to ensure that students, especially freshmen, are given the widest possible exposure to the full range of intellectual, cultural and social opportunities on campus. To facilitate that exposure, freshmen should be encouraged to live on campus (and guaranteed that option) and should select a residential community that would give them the broadest introduction to the university. Sophomores should be encouraged to remain on campus (and would be guaranteed that option as well) in program houses, single-sex or co-educational residences, cooperatives and fraternities and sororities to strengthen their association with the campus community. The university also should seek to increase the number of juniors and seniors in campus-affiliated housing.

- Fraternities and sororities should continue their deferred rush and house students after their freshman year. Over the next several years, this should become the policy for the program houses as well. As program houses focus their attention on upperclassmen in the years ahead, freshman participation in them should be phased out and occur only as a rare exception.

- The university should sponsor a campuswide housing fair that would introduce current students to the full range of residential alternatives, including on-campus and off-campus housing, before they need to make their living arrangements for the coming year.

- In the immediate years ahead, priority should be given to the creation of at least one new residence, the improvement of current ones and the implementation of programs (including the First Year Experience) to link students and faculty within and across residential communities. To allow attention to be focused on these goals and programs, new theme or program houses will not be considered during this time.

"We consider it absolutely critical to build links between students' academic and residential lives," Murphy said. "We hope these links will serve to foster a greater sense of community on campus as well as to help promote our broader educational mission — to prepare our students to succeed and lead in an ever-changing and increasingly diverse world community."

# CORNELL RESEARCH

## Clue to SIDS in humans may come from disorder in puppies

By Roger Segelken

When their veterinarian said Shasta could die within the year, the Hoffmans were devastated and they faced a tough decision.

Should they give up the 6-month-old German shepherd for research into a canine disorder that may parallel some forms of human Sudden Infant Death Syndrome (SIDS)? Or should they let their own kids enjoy the seemingly healthy puppy while she lived?

"It was really hard," recalls Robyn Hoffman of Antioch, Calif. "Shasta was our 'baby.' We had just taken her to the vet clinic to be spayed. She seemed fine. Then they called and said that when they gave Shasta anesthesia, they found an irregular heartbeat."

Cardiac arrhythmias in sleeping dogs are pointing to one possible cause of SIDS in humans. Researchers at the College of Veterinary Medicine at Cornell have found that some German shepherds have an inherited abnormality that predisposes them to sudden death at an early age.

Hearts in German shepherds with this abnormality function normally during their waking hours. The dogs run, jump and fetch with the best of them. Only when they lie down and go into REM (rapid eye movement) sleep do the potentially fatal arrhythmias — including the wildly racing heart beats called tachycardia — begin.

Some young dogs never awake. In a provocative similarity to human SIDS, other dogs "outgrow" the risk of death.

"Just as with babies who succumb to SIDS, routine postmortem examinations do not reveal a cause of death," said N. Sydney Moise, D.V.M. A veterinary cardiologist and associate professor of clinical sciences, Moise heads the Cornell dog study, with funding from the National Institute for Child Health and Human Development.

"We hear reports from German shepherd owners and breeders across the U.S., as well as Great Britain, Italy and France," she said. "Some are losing one pup in a litter; in other litters, they all die between 4 and 8 months of age."

So Moise asked breeders of German shepherds to donate siblings of dogs that died suddenly in their sleep, and she started tracing pedigrees. She deliberately bred dogs with the inherited predisposition for the abnormality. That concentrated the genes — although the researchers still don't know which genes are responsible — and pedigree charts of inbred dogs with inherited arrhythmias began to look like family trees of old European royalty with hemophilia.

That's how a puppy named after a snow-capped mountain became Shasta Science Dog.

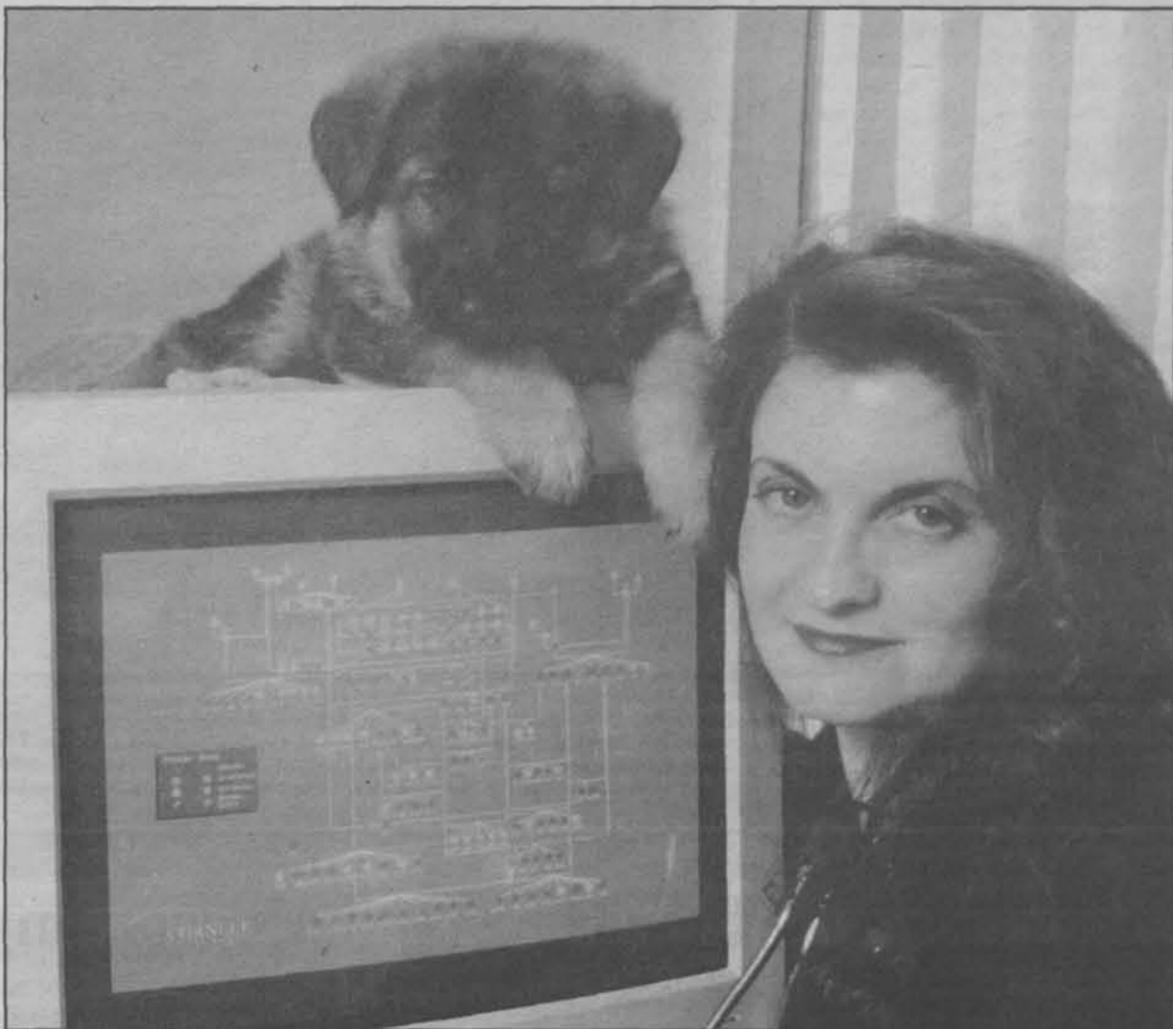
"Brian Maloney, one of the veterinarians at the clinic where Shasta was supposed to be spayed, had been an intern at Cornell, and he said he recognized the arrhythmias," Robyn Hoffman said. With the Hoffmans' permission, Shasta was fitted with a portable, 24-hour-a-day heart monitor. One day's reading was enough for Moise.

"Her ECG (electrocardiogram) was perfectly normal when she was awake and excited and happy," the Cornell veterinary researcher said. "When she went to sleep, the arrhythmias started. I knew this dog was going to die unless . . ."

Cornell requested Shasta's participation in the SIDS-related research. The dog would be fitted with an implanted defibrillator to control her racing heart. And she would have puppies of her own. The Hoffmans thought long and hard, Robyn Hoffman said, and finally decided: "If there was some way our dog or her puppies could save a life, then we had an obligation."

Shasta was flown from San Francisco to Ithaca. Her defibrillator was implanted by James A. Flanders, D.V.M., with assistance from Eric Fain, M.D., a physician/computer specialist from Ventritex Inc., the Sunnydale, Calif., manufacturer of the complex device. With Fain's programming assistance, the defibrillator worked. Shasta became, from all outward appearances, a normal German shepherd: healthy, vigorous and fertile. And she was finally getting a good night's sleep.

Not so, though, for Moise and her assistants. They often spend their nights watching over newborn puppies to make sure not a single one is lost. Canine mothers, especially first-timers with large litters, may unknowingly roll over and crush the tiny pups, Moise said, and every animal in the Cornell project is precious. Some of Shasta's pups inherited the abnormality. In addition to the dangerous arrhythmias, the



Veterinary cardiologist N. Sydney Moise reviews canine pedigree charts. Atop the computer monitor is Elmo, a German shepherd puppy that inherited a potentially fatal heart condition.

Adriana Rovers/University Photography

**'Dogs are like people. Their nerves to the heart are not complete at birth. But the nerves should continue growing to the heart during the weeks and months after birth. The sudden death dogs — and even those that survive — never seem to develop a normal nervous system. We're not sure whether this is a problem with the heart or with the development of the nervous system.'**

— N. Sydney Moise

affected animals had abnormal sympathetic nerve innervation to the heart. Collaborating researchers at the University of California at San Francisco (UCSF) confirmed the Cornell veterinarians' hypothesis of uneven distribution of nerve fibers.

Drs. Michael Dae and Randall Lee produced images of the heart with MIBG (metaiodobenzylguanidine) scintigraphy that showed the incomplete nervous innervation. Dr. Phillip Ursell, also at UCSF, corroborated the paucity of nerves, using special stains of the hearts of dogs that died. The affected dogs' heart muscles — which should be as full of nerves as Los Angeles is crammed with freeways — look more like road maps of the Yukon.

Another important finding at Cornell was the discovery of abnormal electrical activity in individual heart fibers taken from dogs that had died. The relationship between abnormal electrical activity and lack of innervation is under study in collaboration with Robert F. Gilmour Jr., Ph.D., Cornell associate professor of physiology specializing in electrophysiology of cardiac tissue.

"Dogs are like people. Their nerves to the heart are not complete at birth," Moise explained. "But the nerves should continue growing to the heart during the weeks and months after birth. The sudden death dogs — and even those that survive — never seem to develop a normal nervous system. We're not sure whether this is a problem with the heart or with the development of the nervous system."

Nor are German shepherds the model that parallels human SIDS, the veterinary cardiologist emphasized. SIDS is a catch-all term for many of the unexplained, unexpected infant deaths, she said, and how many deaths are heart-related is not clear.

"However, these dogs give us an opportunity to look at a couple of hypotheses, including the effect of abnormal innervation to the heart," Moise said, pointing to scintigraphy images.

Back in California, the Hoffmans were getting different pictures. Photographs of Shasta and her puppies, romping with veterinary students who exercise the dogs, arrived regularly in the mail. Moise and her colleagues began publishing their findings about German shepherd arrhythmias in journals for human cardiology, physiology and pediatric medicine.

They also reported to the animal care professions, asking veterinarians to be alert for the inherited abnormality and recommending that breeders keep known carriers out of the gene pool. One ultimate goal is to identify the genes responsible for the disorder, Moise said. Genetic screening could keep the sudden death problem from spreading through the dog population. And gene studies may help the investigation of sudden death in humans.

"But first we have to focus on the mechanisms of this disorder," Moise said, "and we still have a lot to learn."

Shasta had been at Cornell about 18 months when something like a miracle occurred. Her sleeping arrhythmias simply stopped. The veterinarians checked again and again and it was true: Her 2-year-old heart was beating normally, asleep or awake, without aid of the defibrillator. The Cornell researchers now know that some of the arrhythmia-affected dogs "outgrow" the problem. Their normal autonomic nervous system still is not complete, but apparently they find other ways to adjust to this deficiency.

So Shasta Science Dog could go home.

Shasta "fit in" as if she'd never been gone, caring lovingly for the Hoffman kids (three by now) and running like a marathoner with Jake and the gang. Robyn Hoffman said she's never seen a dog so protective of children.

Before the Cornell veterinarians put Shasta on the plane to California, they gave her a little thank-you for her contributions to science. She finally got that long-awaited spaying procedure.

## Commonwealth secretary-general headlines festival

By Jill Goetz

The Cornell International Students Programming Board is having a party, and everyone's invited.

April 4 through April 20, students will host an "International Festival" celebrating Cornell's cultural diversity. Currently, that diversity translates to 2,609 international students (13 percent of the student body) and more than 80 international student clubs, ranging from the African Students Association to Young Italy.



Anyaoku

This year's festival has the theme "The Global Mosaic" and will include an international exhibition, food tasting, flag painting and global soccer tournament. A highlight will be a public lecture by Chief Emeka Anyaoku, secretary-general of the Commonwealth of Nations, on Thursday, April 4, at 8 p.m. in Alumni Auditorium of Kennedy Hall.

Anyaoku became secretary-general in 1990 and is serving a second term as leader of the London-based Commonwealth, an intergovernmental organization promoting peace, economic growth and sustainability of natural resources throughout the world. It represents 53 former British colonies, or about a quarter of the world's population. (The United States is not a member.)

Anyaoku, a native of Nigeria, held several positions in the Nigerian government in the early 1960s after that country gained independence. His previous posts with the Commonwealth included assistant director of international affairs, director, assistant secretary-general and deputy secretary-general.

His accomplishments include coordinating the drafting of the Southern Africa Accord, which helped end apartheid, and radically restructuring the Commonwealth. He has served on the International Board of the United World Colleges and as a trustee of the Rajiv Gandhi Foundation.

During his two-day visit to Cornell, Anyaoku is scheduled to meet with international student groups and visit Cornell's Institute for African Development, Einaudi Center for International Studies and Institute for Food, Agriculture and Development.

Other events at the Cornell International Festival will include:

- Thursday, April 4: Flag painting, 3:30-5:30 p.m., Big Red Barn
- Saturday, April 6: Global soccer tournament, 10 a.m.-2 p.m., Alumni Fields
- Monday, April 8: International Exhibition, 9 a.m.-5 p.m., Willard Straight Hall Memorial Room
- Thursday, April 11: Dance debut, 8-10:30 p.m., Statler Auditorium
- Saturday, April 13: Global soccer tournament, 10 a.m.-2 p.m., Alumni Fields
- Friday, April 19: Food tasting, 7-8:30 p.m., One World Room, Anabel Taylor Hall
- Saturday, April 20: Symposium on international development, 10 a.m.-2 p.m., Warren Hall, Room 45.

Throughout the festival, Cornell Cinema will screen international films, and Cornell Dining will feature international menus in the dining halls.

Teck Hean Wong, International Students Programming Board president, said Cornell students have organized international festivals for approximately the past 25 years.

"We recognize that the relationship between national and international students at Cornell is still not as strong as it should be; we hope that this festival will strengthen that relationship," he said.

For further information about the International Festival, visit the programming board's home page on the World Wide Web at <<http://www.ee.cornell.edu/~soam/ispb.html>>. Program guides are also available at the International Students and Scholars Office in 200 Barnes Hall.

## Take a look at this



Charles Harrington/University Photography

Dennis Mogil, Digital Print Shop associate, describes his shop's services to customers at the Cornell Business Services Showcase, held on March 20 in the Field House. The print shop is one of eight units under the Cornell Business Services umbrella. The first annual showcase offered live demonstrations, refreshments, speakers and an opportunity for visitors to browse through information offered at each unit's booth.

## Experts on India's economy to speak at workshop

By Jill Goetz

Ever since India implemented sweeping economic reforms in 1991, investors and journalists, as well as scholars and students, have been keeping a close watch on its progress. This weekend, Cornell will host a workshop devoted to India's emerging economy and featuring some of the people who are most familiar with it.

"Indian National Economic Policy in an Era of Global Reform: An Assessment" will be held March 29-30 in Room 401 of Warren Hall. Free and open to the public, the workshop is being organized by Cornell's South Asia Program with the co-sponsorship of several departments and programs, including the Mario Einaudi Center for International Studies and departments of Economics and of City and Regional Planning.

"This workshop will provide an academic forum at which scholars from different disciplines, including political science, economics and social anthropology — as well as from the business community — can share recent interpretations of the wide-ranging economic reforms that characterize contemporary India," said Shelley Feldman, director of the South Asia Program.

On Friday, March 29, Kirit S. Parikh will give a lecture titled "India's Power Needs and the Role of U.S. Firms" from 2 to 3 p.m. in Room D of Goldwin Smith Hall.

Parikh is director of the Indira Gandhi Institute of Development Research, Bombay. He has served on the prime minister's Economic Advisory Council, as president of the Indian Econometric Society and as professor of economics at the Indian Statistical Institute. Last year he was a consultant to the prime minister on the controversial ENRON electric power plant, which was canceled in August.

"Dr. Parikh is one of the most distinguished economists currently working in India," said Tapan Mitra, professor and chair of Cornell's economics department.

Also on Friday, Atul Kohli, professor of politics in the Woodrow Wilson School of Public and International Affairs at Princeton University, will give a lecture from 4:45 to 5:30 p.m. titled "Political Obstacles to Economic Progress in India: The Current Reforms."

Kohli, a former member of the International Peace and Security Committee of the Social Science Research Council, is the current president of the program committee of the American Political Science Association and a member of the Asia Society's advisory council. He is the author of *Democracy and Discontent: India's Growing Crisis of Governability* and *The State and Poverty in India: The Politics of Reform*.

Friday's final speaker will be Leslie Elliott Armijo, a professor in the department of

political science at Northeastern University, who will give a talk titled "Mixed Blessings: Foreign Capital Inflows and Democracy in 'Emerging Markets,'" from 5:45 to 6:30 p.m.

Saturday will feature two sessions. The morning session, titled "The Indian Economy: Five Years After the Crisis," will be chaired by Cornell's Erik Thorbecke, the H. Edward Babcock Professor of Economics and Food Economics, and will include Parikh, Purnendu Chatterjee, manager of The Quantum Fund; Karen Parker, a professor in Princeton's Woodrow Wilson School; and Nirvikar Singh, professor of economics at the University of California at Santa Cruz.

In an afternoon panel titled "National Economic Policy or Liberalized Market Regimes: A False Choice?" speakers will include Prabhat Patnaik, a professor at the Centre for Economic Studies and Planning at Jawaharlal Nehru University in New Dehli; Amiya Bagchi, a professor at the Centre for Studies on Social Sciences at the University of Calcutta; and Ajit Singh, a professor of economics at Cambridge University. Following that session will be a panel from 4:30 to 6 p.m. featuring scholars from Cornell as well as from Syracuse University and Hobart and William Smith Colleges.

Both Parikh and Kohli are visiting Cornell as University Lecturers, a program that brings the world's foremost scholars to campus. (See related story below.)

## Scholar will speak about war and peace on Monday

By Jill Goetz

Donald Kagan, a guest scholar at the Woodrow Wilson International Center for Scholars and the Hillhouse Professor of History and Classics at Yale University, will give a University Lecture on Monday, April 1, at 4:30 p.m. in Hollis E. Cornell Auditorium of Goldwin Smith Hall.

The title of the free and open lecture is "On the Conclusion of Wars as the Foundation for Peace."

"Donald Kagan is not only one of the

leading scholars of ancient Greek history, he is also one of the great students of war and peace," said Barry Strauss, Cornell professor of history and classics and director of the Peace Studies Program, which is co-sponsoring Kagan's visit with the departments of Classics and of History.

"He has done pioneering work in comparative history, work of lasting importance," Strauss said. "Few historians can match the breadth of his vision or the depth of his knowledge on topics ranging from the Peloponnesian War to the two World Wars to the Cuban Missile Crisis. He is, moreover, one of the best lecturers you will find this side of Plato's Academy."

Strauss said Kagan's lecture will draw

comparisons of the ways in which each of the two World Wars came to an end, of the peace that was concluded in each case and the ways in which each peace was enforced, with the purpose of discerning how each of these elements does or does not contribute to a lasting peace.

Kagan taught in Cornell's history department from 1960 to 1969.

The University Lectures were begun at Cornell at the turn of this century by Goldwin Smith to bring the world's foremost scholars to campus. This semester's final University Lecturer will be P.E. Peters, a professor of Near Eastern languages and literatures and of history at New York University, who will speak on April 18.



Kagan

# Study: Rice-based diet may be healthier than wheat-based diet

By Susan Lang

A diet based on wheat foods, such as pasta, bread and cereal, may be contributing to this nation's soaring rates of diabetes, obesity, high blood pressure, high cholesterol and coronary heart disease, according to a new Cornell study.

On the other hand, rice-based diets, and to a lesser extent fish and green vegetables, appear to lower the level of blood values associated with the risk of these diseases.

These findings, published in the January 1996 issue of the *American Journal of Clinical Nutrition*, come from the Cornell-China-Oxford Project on Nutrition, Health and Environment, a massive survey across the far reaches of China that investigates more diseases and dietary characteristics than any other study to date.

In 3,250 Chinese women living in widely dispersed rural counties, the researchers examined the relationship of various foods with a specific set of biochemical blood tests that have been shown to be commonly linked with diabetes, obesity, high blood pressure and coronary heart disease—otherwise collectively known as the “insulin resistance syndrome.”

“We found that the pattern of blood biochemistries of people in the northern part of China who eat a predominantly wheat-based diet resemble those in people with insulin resistance,” said Jeffrey Gates, a research associate in Cornell's Division of Nutritional Sciences; he collaborated with T. Colin Campbell, the Cornell biochemist and director of the China project, Banoo Parpia, a research associate in nutritional sciences, and Chen Junshi of the Chinese Academy of Preventive Medicine in Beijing.

This pattern includes higher insulin, higher triglycerides, and lower sex hormone binding globulin (a measure of insulin resistance).

“The Chinese women in the south, on the other hand, eat a rice-based diet and have a pattern of blood values that would be considered low risk,” Gates added.

In the past couple of decades, many studies have pointed to insulin as being a common factor linking such diverse disorders as high blood pressure, diabetes and coronary heart disease. Recent research also has discovered that sex hormone binding globulin (SHBG), a relatively unknown blood protein, is a reason-



Jeffrey Gates, research associate in nutritional sciences, poses at Greenstar Cooperative Market with bags of brown rice. Research that Gates collaborated on seems to show that rice-based diets lower the level of blood values associated with the risk of various disorders, while wheat-based diets increase those risks.

Adriana Rovers/University Photography

ably good indicator of insulin resistance. Low levels of SHBG are consistently linked to high levels of insulin in the body. Sustained high levels of insulin are, in turn, associated with the development of the chronic diseases mentioned above.

The Cornell researchers, therefore, looked at SHBG, triglycerides, cholesterol, insulin, testosterone, glucose and 21 different food groups. Factors commonly associated with insulin resistance, such as meat consumption, smoking and weight were controlled for in the analysis.

“Though other foods such as fish and green vegetables were associated with changes in blood parameters studied, the strong effects of rice and wheat on SHBG were remarkable and unexpected,” Gates said. “Women in the northern, wheat-eating

counties consistently had low HDL levels, high triglycerides and low SHBG, all suggestive of insulin resistance. Evidently, rice and wheat can have significantly different effects on the important biochemical parameters we measured.” Interestingly, both the rice and wheat consumed in these Chinese regions are semi-refined.

Gates stressed, however, that while rice and wheat appear to make the biggest impact on SHBG and insulin, certain other foods in the Chinese meal also have an important effect on SHBG and insulin changes in the blood, and thus ultimately, on those diseases associated with insulin resistance.

Gates speculates that “the differing effects of wheat and rice on SHBG and insulin may be due to the difference in amylose content, a particular kind of starch.” Other

researchers have found that some rice varieties have higher amylose content than wheat does; some rices, on the other hand, have comparable levels.

“Several recent studies have shown that starches with higher amylose content slow down glucose absorption and thus reduce the insulin response of the meal,” Gates added.

“Clearly, the effects of wheat or rice on insulin response must not be isolated from the important influence of other dietary and lifestyle factors such as fat and exercise. However, this study lends support to the idea that certain starches may play an important role in the development of insulin resistance and thus increase an individual's risk for diabetes, hypertension and coronary artery disease.”

## N.Y. onion growers can use Cornell-tested product in IPM pest fight

By Blaine P. Friedlander Jr.

The U.S. Environmental Protection Agency has granted a one-year approval for a novel plant protectant that has been tested at Cornell as a seed coating for onions. This new treatment promises to help save New York's onion crop, providing that it can gain full approval for use beyond 1996.

New York onion growers may use Trigard on onion seed this growing season to combat the onion maggot, according to integrated pest management experts at Cornell's Agricultural Experiment Station in Geneva.

“We can't afford to lose the onion crop here in New York for a number of reasons,” said Charles J. Eckenrode, Cornell professor of entomology and researcher at the experiment station. “By providing the growers with safe, new control tactics, Cornell research indirectly assists others as well since this is a tremendously important crop to the state, it has many healthful qualities for consumers, and it means a lot to the local economies.”

At 12,000 acres, onion ranks as one of New York's most valuable crops, with an annual value of between \$50 and \$75 million statewide. Grown in a highly organic, peat type of soil—known as muck—the average onion grower invests \$2,500 to \$3,000 into each acre before the onions are harvested. So, losing the battle with the onion maggot, with other pests or even to adverse weather spells doom for growers.

Using Trigard, provided by Ciba Plant Protection, of Greensboro, N.C., would help New York's onion growers in their Integrated Pest Management program, since it fits in with the principals of multi-strategy approaches more than some earlier efforts where there has been an over-reliance on pesticides.

For example, Eckenrode said that some earlier insecticides that are used on a continuous basis.” For this

**‘By providing the growers with safe, new control tactics, Cornell research indirectly assists others as well since this is a tremendously important crop to the state, it has many healthful qualities for consumers, and it means a lot to the local economies.’**

— Charles J. Eckenrode

ticides used to curb the onion maggot populations also significantly reduced the numbers of beneficial insects that eat onion maggot eggs and larvae in the field.

“Trigard is especially active against certain life stages of flies and their relatives, but only has weak activity against many other unrelated insect groups,” he said. Research also found that cyromazine, the active ingredient in Trigard, shows no mutagenic or teratogenic activity in any laboratory tests. In fact, Eckenrode said that it is relatively safe to warm-blooded animals, while other onion field pesticides have a higher level of toxicity.

Cyromazine is not new to the agricultural market. The product is currently used to control the leafminer on celery and lettuce in Florida, Texas and Arizona. It is also used to control houseflies in commercial poultry houses in New York and other states.

“Onions are one of the toughest things to grow,” said Thomas W. Walters, Cornell research associate in fruit and vegetable science. “And onion maggots in New York have had a long history of developing resistance to

insecticides that are used on a continuous basis.” For this reason, the researchers believe that they needed a new type of compound—such as Trigard—that the onion maggot has not been exposed to in the past, and it must be used in concert with other proven control strategies.

Significant agricultural economies are at stake as the onion maggot makes inroads toward pesticide resistance in New York and other states, according to the researchers.

In this case, the onion seed is coated with Trigard and some other ingredients at the seed house and thus becomes a tiny round pellet. In this way, small amounts of material are applied in a very precise way to the seed coat rather than in bands into the soil at planting. Three seed companies have permission to make the seed pellets: Asgrow, of Gonzales, Calif.; Inotec, of Salinas, Calif.; and Seed Dynamics, of Salinas, Calif.

Eckenrode explained that the research on the use of cyromazine started about five years ago on small field plots. Because Trigard was being used in other parts of the country on other vegetables, the researchers knew there would be minimal residue in the soil, particularly since such small amounts were being used.

“The first year of testing, we knew we had something and that it was likely to pay off for the onion growers later on,” Eckenrode said. “Using Trigard on onions is a very effective IPM strategy. With IPM, you try to reduce pesticides and make the pesticides you do use more effective. Trigard is excellent IPM news since it reduces the onion maggot planting time toxicant per acre by 87 percent. It is also more selective than older soil insecticides, since it allows more beneficial insects and other life forms to survive, thus we gain more assistance from them in the battle to contain this serious onion pest. That's IPM to me.”

## 'Town meetings' detail plans for CIT restructuring

About 200 staffers from Cornell Information Technologies heard details of a restructuring plan for CIT at two "town meetings" last week.

Vice President H. David Lambert, who announced the restructuring at town meetings shortly after his appointment last summer, said that CIT has formed three new divisions to better serve Cornell. Directors of two of three major new units, Ann Stunden, who has charge of academic technology and technology services, and Helen Mohrman, who heads administrative systems and distributed technologies, outlined some of their objectives at the meetings. Lambert is serving as interim director of the third unit, network and computing systems, until the search for a director is completed.

"We have a fabulous group of people who have created one of the best information technology structures of any university in the country," Lambert said at Friday's session. "We are so far ahead of where so many people are in so many areas, it is amazing. But we also have places where there is work to be done. There are a new set of challenges out in front of us, reflecting who we are, what we have to accomplish and how we organize ourselves to do it. It happens all the time out there in the world, maybe not so often in a university."

CIT Human Resources Manager Judith Hart described a series of steps between now and the target date for complete implementation of the new format, June 30. She said that in the first phase, those staffers expected to perform essentially the same work they do now will be identified. Others who will be taking on new assignments will be invited to attend workshops to determine what new roles at CIT might be a good match for their skills and interests.

Lambert acknowledged that the restructuring could result in fewer total positions within CIT, but said that he believes that all staffers who have stayed abreast of developments in their fields are likely to find a valued and valuable position in the new CIT. The organization is committed to retraining to bring employees up to speed on new functions they undertake.

Hart promised "as open and honest a process as possible" during the transition and urged staffers to participate fully in the process. "Be a little patient and a little trustful," she counseled, "because we don't know exactly what is coming out at the other end yet."

## Students receive Fuerst Awards



Charles Harrington/University Photography

Five Cornell Library student employees have been given Fuerst Outstanding Library Student Worker Awards for "exceptional performance, leadership and library service to the campus." The \$500 awards were made possible by William F. Fuerst Jr. '39. Above are the winners and the benefactor, front row from left: Lisa Sasaki '97, Fuerst; and back row from left: Llasmin Orsini-Fuentes '96, Stephen Davis '96, Madeline George '96 and Janice Yang '96.

## Students test financial models with supercomputer

By Faith Short

Training for Wall Street used to mean an MBA degree in finance and a smattering of computer courses. Not anymore.

At Cornell, finance and engineering students are putting financial models and applications to the test on IBM's largest supercomputer, the 512-node Scalable RS/6000 POWERparallel (SP) Systems at the Cornell Theory Center (CTC).

Students are experiencing the rigors of applying financial models to real-world problems in a new course called Applied Financial Engineering. "Students aren't just hearing about hedging and trading strategies, they're testing them," explained Robert A. Jarrow, the Ronald P. and Susan E. Lynch Professor of Investment Management at the Johnson Graduate School of Management. "That means formulating the

model, programming the computer, collecting the data and analyzing the results."

The experience is part of Cornell's new Financial Engineering program, developed jointly by the Johnson School and the College of Engineering. More than 35 MBA and master's of engineering students are participating. "We expect this course to expose Cornell students not only to one of the most robust computing systems in the world, but to the latest advancements in software," said David C. Heath, the Merrill Lynch Professor of Financial Engineering.

Working in teams, applied financial engineering students tackle multiple projects. One team, for example, is testing PDESolve, a new software tool from a Cornell spin-off company called BEAM Technologies Inc.

"PDESolve could be used by finance industry professionals to solve derivative valuations problems with considerably less

code development time," said Gal Berkooz, president of BEAM Technologies.

PDESolve is a high-level language that solves partial differential equations and defines geometry, boundary conditions and discretization methods. "We expect that the use of PDESolve by Cornell's financial engineering students will demonstrate its value as a modeling tool for pricing and hedging exotic securities," Berkooz said.

"CTC is interested in helping to better prepare Cornell students for the business world while testing new software and assessing the value of parallelizing financial codes for speed-up," explained Peter M. Siegel, director of the Theory Center's Corporate Partnership Program. "We're eager to keep the financial industry of New York state at the forefront of algorithmic development as well as numerically intensive and data-intensive computing."

## If you receive chain e-mail at Cornell – please don't propagate it

Chain mail – you know the kind – it usually contains phrases like "pass this on," "forward – do not delete," "don't break the chain," "this has been around the world 20 times." With so many people on-line, the electronic environment is a perfect place for chain e-mail to flourish. However, chain e-mail not only clogs up the computing networks, but sending it and forwarding it to others is a violation of Cornell policy addressed in the Code of Academic Integrity and the Responsible Use of Electronic Communications Policy. The most important thing to remember if you receive chain e-mail is not to propagate it.

If you get chain e-mail from someone with a Cornell e-mail address, you can report it to the Cornell Information Technologies (CIT) Service HelpDesk, <helpdesk@cornell.edu>, 255-8990. You will need to include a copy of the chain e-mail in your report. The HelpDesk will refer it to the appropriate person to handle. In most cases, a first offense results in a warning. Subsequent offenses result in a

@cornell.edu

referral to the judicial administrator for disciplinary action.

If you get chain e-mail from someone not affiliated with Cornell, you can complain to the sender, or you can delete and ignore it. If you choose to complain, it is often useful to copy the postmaster at that site as well. Most places have policies regarding the propagation of chain e-mail and will deal with it on their end.

Recently, some Cornell electronic mailing lists have been hit with chain e-mail. However, list owners can control this. Lists can be set up to allow postings only from subscribers or list addresses can be "hidden" so others won't know about them. This usually prevents mailing lists from receiving random messages from chain mailers looking for a large audience.

### Employee Essentials for Windows

University Human Resource Services (UHRS) and Cornell Information Technologies (CIT) released Employee Essentials for Windows in February 1996. This Bear Access service, which looks and functions exactly like the Macintosh version, allows faculty and staff to view their benefit coverage and tax withholding status. It also gives all employees (faculty, staff, and students) the ability to update their address information. Note: student employees should maintain only the "Personal/W2" address. Other student addresses continue to be maintained through Just the Facts.

### Software site-license Web site

If many people in a department or organization need to use the same software, it is often possible to purchase a site-license from the software company instead of buying copies of the software for each individual. This means that the licensed software can be copied for use by several people. Cornell has many soft-

ware site-licenses in effect.

CIT has created a software site-license Web site to provide information to the campus. CIT has made an initial effort to gather together information about all of the site-licenses on campus, regardless of which organization or department purchased them.

You can reach the software site-licensing Web site at <<http://www.cit.cornell.edu/site-licenses>>. If you have questions or suggestions, send e-mail to <[software-programs@cornell.edu](mailto:software-programs@cornell.edu)>.

### New electronic mailing list Web site

The Web site that contains instructions on how to create, manage and use electronic mailing lists has moved. It can now be found on the CIT home page (<http://www.cit.cornell.edu>) under "Mailing Lists and Special Mailboxes," or access it directly at <<http://www.cit.cornell.edu/cit-pubs/mailling-lists.html>>. For people who do not have a Web browser, send e-mail to <[listmgr@cornell.edu](mailto:listmgr@cornell.edu)> and request electronic copies of the documentation.

# Lani Guinier to give Olin Foundation Lecture on April 11

By Jill Goetz

University of Pennsylvania Law School Professor Lani Guinier, whose nomination by President Clinton for the nation's top civil-rights post was derailed following allegations by conservative members of Congress and the media that she had a radical agenda and favored quotas, will deliver the Spencer T. and Ann W. Olin Foundation Lecture on Thursday, April 11, at 7:30 p.m. in the Statler Hall Auditorium.

Titled "Why We Need a National Conversation on Race," the lecture is free and open to the public. Tickets, which are required for the lecture, will be available beginning April 1 at Willard Straight Ticket Office, Sage Graduate Center and the Information and Referral Center in Day Hall.



Guinier

Guinier, a graduate of Radcliffe College and Yale Law School who has served on the University of Pennsylvania faculty since 1988, is the daughter of a Jewish mother and a black father, who was himself a pioneering civil rights leader. In articles for the *Washington Post* and *New York Times* magazines, Guinier has said she was always acutely aware of the nation's racial and ethnic divisions, but that her parents taught her, early on, the ways in which race "both matters and doesn't matter in a person's life."

Her many civil rights-related posts have included serving as special assistant to the chief of the Civil Rights Division from 1977 to 1981 and as assistant counsel for the NAACP Legal Defense and Educational Fund from 1981 to 1988.

When Clinton, a former Yale classmate who attended Guinier's wedding in 1986, nominated her to head the Justice Department's civil rights division in 1993 under Janet Reno '60, conservative congressmen and commentators quickly interpreted her law review articles as reflecting a "breath-takingly radical," even "unconstitutional" position and labeled her a "quota queen." Her rapid withdrawal from the nomination without a hearing (she calls it her "dis-appointment") sparked considerable controversy.

Since then, when not teaching at Penn, she has made frequent public appearances on college campuses and in the news media and has written a book, *The Tyranny of the Majority: Fundamental Fairness in Representative Democracy*.

Guinier's Olin Lecture is being sponsored by the Graduate School and the Olin Fellows. The Olin Fellowship program was established by the Spencer T. and Ann W. Olin Foundation in 1986 as part of a \$30 million, 20-year commitment to support graduate education. Each year since, from four to eight outstanding first-year graduate students have been named Olin Fellows at Cornell, and one distinguished guest has been brought to campus to give the Olin Lecture. Last year, that guest was primatologist Jane Goodall.

## Festschrift will honor architecture scholar at Cornell April 26-28

By Darryl Geddes

Colin Rowe, one of architecture's most influential scholars and one of its leading commentators, will be honored with a *Festschrift* April 26-28 on campus.

Rowe, the Andrew Dickson White Professor of Architecture Emeritus, taught at Cornell from 1962 to 1990. He will speak April 28 at 10:30 a.m. in Schwartz Auditorium, Rockefeller Hall.

The *Festschrift*, an academic tribute reserved for noted faculty, will attract scholars and practitioners from across the United States and Great Britain and feature four major addresses, a panel discussion and eight papers delivered by Rowe's former students and colleagues. Many of the activities will examine the teaching of architecture education and urban design, issues of importance to Rowe.

The four addresses, which will be held in Schwartz Auditorium, will be given by:

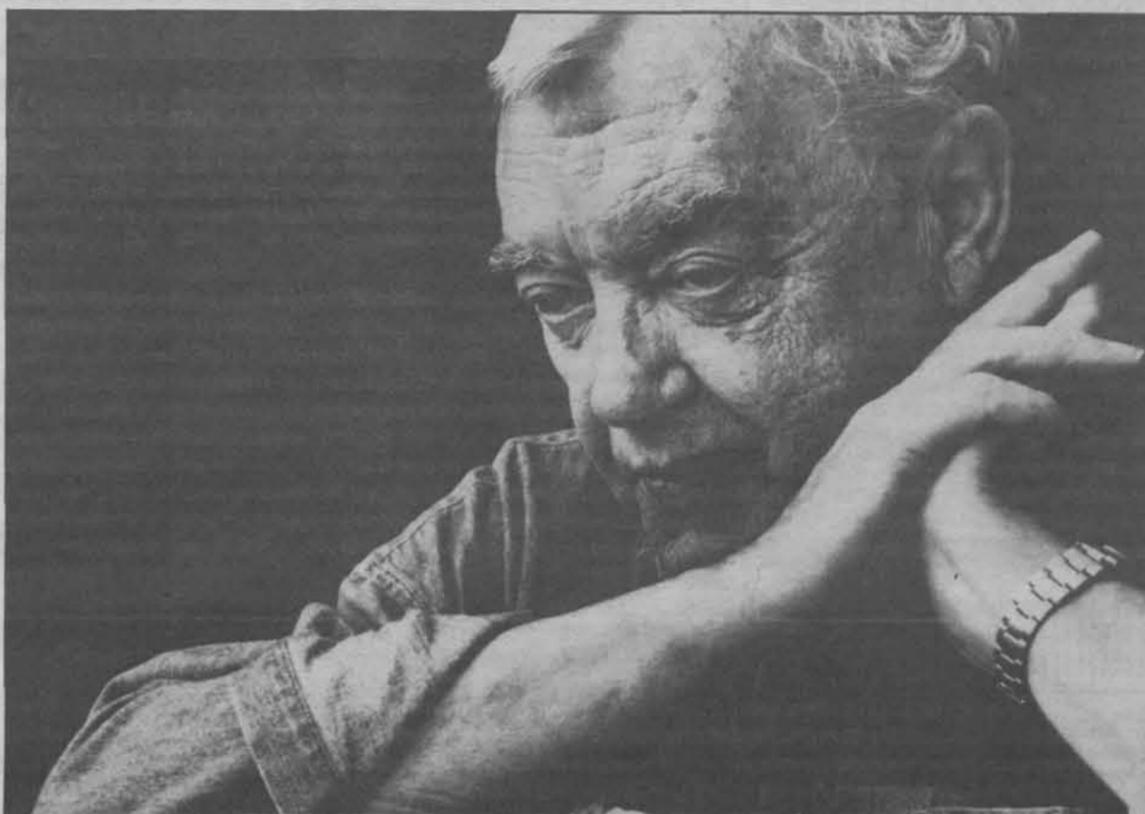
- George Baird, professor of architecture in the Harvard Graduate School of Design, April 26 at 4:45 p.m., on "Opposition."

- Peter Eisenman '55, principal of Eisenman Architects in New York, April 26 at 8 p.m., "Figuring the Ground."

- Robert Maxwell, professor emeritus in the Department of Architecture, Princeton University, April 27 at 1:45 p.m., "The Animated Archive."

- Henry Millon, dean of the Center for Advanced Studies in Visual Arts, National Gallery of Art, Washington, D.C., April 27 at 8:30 p.m., "Colin Rowe: Early Works."

A panel discussion, "On Architectural Education," will be held April 27 from 3:30 to 5:30 p.m. in Schwartz Auditorium. Participants include: Judy DiMaio '75, professor of architecture at Yale University; Anthony Eardley, dean of the School of Architecture at the University of Toronto; Lee Hodgden, Cornell professor of architecture; Robert Maxwell, professor emeritus in the Department of Architecture, Princeton University; Werner Seligmann '55, former dean of Syracuse University College of Architecture; John Shaw, Cornell professor of architecture; Robert Slutzky, professor of the Department of Fine Arts at



Valerie Bennett

Colin Rowe, the Andrew Dickson White Professor of Architecture Emeritus, taught at Cornell from 1962 to 1990. He will speak April 28 at 10:30 a.m. in Schwartz Auditorium, Rockefeller Hall, during a *Festschrift* in his honor.

the University of Pennsylvania; Jerry Wells, Cornell professor of architecture; and Judy Wolin '68, chair of the Department of Architecture at the Rhode Island School of Design.

Rowe, who taught at Cornell in four different decades, received one of architecture's highest honors last year when he was awarded the Royal Gold Medal of Architecture by Queen Elizabeth and the Royal Institute of British Architects (RIBA). The medal cited Rowe as the "most significant architectural teacher of the second half of the 20th century" and "one of Modern Architecture's most consistent and inspired critics."

The British-born architect and scholar was saluted in 1983 for his "contribution to the development of architectural theory in our time" with election as an honorary fellow of the RIBA. Two years earlier, Rowe was awarded a special medal by the American Institute of Architects for his "seminal influence on architecture in

this country."

Rowe's early essays in the *Architectural Review* were the first to relate modern architecture to architecture of the past. In subsequent scholarly pieces on cubism and modern architecture he further developed his theories, and is the author of several books, including *Collage City* (MIT Press, 1978), which shifted the focus from individual buildings to whole cities; *The Mathematics of the Ideal Villa and Other Essays* (MIT Press, 1976); *The Architecture of Good Intentions* (Academy, 1994); and *As I Was Saying: Recollections and Miscellaneous Essays* (MIT Press, 1996).

The *Festschrift* is one of many activities to be held this year in celebration of the 125th anniversary of the College of Architecture, Art and Planning.

For further information, contact Gail Kolbe in the College of Architecture, Art, and Planning's Public Affairs Office at 255-6808.

## Ethiopian filmmaker will attend campus screenings

Salem Mekuria, an Ethiopian independent filmmaker, will attend the screening of three of her films in Willard Straight Theater on campus, April 4 and 5. Mekuria's visit is sponsored by the Africana Studies and Research Center and Cornell Cinema.

Mekuria, a professor in the art department at Wellesley College, is an acclaimed filmmaker whose works have become landmarks in documentary filmmaking within the independent African cinema movement.

Mekuria's "As I Remember It: A Portrait of Dorothy West" will be shown April 4, at 5:30 p.m., admission is free. "Sidet: Forced Exile" and "Deluge" will be shown April 5 at 7 p.m., at which time the filmmaker will discuss her films and answer questions from the audience. Tickets are \$4.50; \$4 for stu-

dents. Forticket information, contact Cornell Cinema at 255-3522.

"Sidet: Forced Exile" is an hour-long documentary about three Ethiopian/Eritean women refugees in the Sudan. Coming from different backgrounds, they experience exile differently, revealing their unique strengths and weaknesses as they struggle to cope with a precarious existence in a poor and frequently hostile land. Mekuria says "Sidet" uncovers the story the Western media fails to report: the story of a people who "remain buried under the busy rhetoric of disaster and relief."

The documentary, shot in 1990, has won numerous awards, including a Silver Apple at the 1993 National Educational Film and Video Festival.

"Deluge" is a personal video essay on history, conflict, loss and reconciliation. Told through first person narrative, the story explores the loss of history and with it, personal and national identity. It is a memorial to a brother who disappeared in 1978 and a best friend who was executed in 1979. The documentary centers on Ethiopia's 17 years of turmoil, from the deposition of Haile Selassie to the collapse of military leader Mengistu Haile Mariam's Marxist regime.

Event co-sponsors are the Department of Art, the Cornell Council for the Arts, Gender and Global Change, the Herbert F. Johnson Museum of Art, the Institute for African Development, the Rose Goldsen Fund, and the Women Studies and Peace Studies programs.



The parents of a Red Terror victim talk to filmmaker Salem Mekuria in the 1995 documentary "Deluge."

# CALENDAR

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## MUSIC

### Department of Music

• March 30, 8:15 p.m., Barnes Hall: Festival Chamber Orchestra. New works by doctoral candidates Steven Burke, Sally Lamb and John Rogers.  
 • March 30, 8:15 p.m., Sage Chapel: After Eight: "A cappella and entertainment." Admission charged.  
 • March 31, 8:15 p.m., Barnes Hall: Student recital by Margaret Milman, horn.  
 • April 1, 8:15 p.m., Barnes Hall: Student recital by Brian Chu, baritone. Works by Faure, Martin, Ravel, Beethoven and Barber.  
 • April 2, 5 and 8, 8:15 p.m., Barnes Hall and Sage Chapel: See story, Page 10.

### Cornell Concert Commission

On Sunday, March 31, at 8 p.m., in Bailey Hall, legendary jazz artists Ellis and Branford Marsalis will perform. Tickets are on sale at the Willard Straight ticket office, Ithaca Guitar Works and through Ticketmaster. Student tickets are \$14 and \$16; general tickets are \$18 and \$20.

### Seth Kaufman Concert

Seth Kaufman '94 will give a solo piano concert April 4 at 8:15 p.m. in Barnes Hall. Featured pieces included *Elysian Fields*, *Along Prytania* and other compositions that will be part of a forthcoming album. Tickets are available at the Willard Straight Hall ticket office and at the door.

### Bound for Glory

March 31: Cosy Sheriden, a rising star on the national contemporary acoustic scene, will perform live in the Cafe in Anabel Taylor Hall at 8:30, 9:30 and 10:30 p.m. Admission is free. Bound for Glory is broadcast Sundays from 8 to 11 p.m. on WVBR-FM, 93.5 and 105.5.

## readings

### Asian American Studies Program

Novelist Fae Myenne Ng will read from her work March 28 from 4:30 to 6 p.m. in the A.D. White House. A reception will follow.

### Creative Writing

John Brehm, visiting professor of English, will give a poetry reading April 4 at 4:30 p.m. in the A.D. White House. His poems have appeared in *Poetry*, *New England Review*, *Prairie Schooner*, as well as many other literary journals.

### Durland Alternatives Library

Sandra Steingraber will read from her work March 31, 7:30 p.m., in the Founders Room, Anabel Taylor Hall. She is the author of a collection of poetry, *Post-Diagnosis*, and of the forthcoming non-fiction book *Rachel's Daughters: Women, Cancer and the Environment*.

## religion

### Sage Chapel

Roger Badham, a student at the Graduate School in Theology at Drew University, will give the sermon Palm Sunday, March 31, at 11 a.m. in Sage Chapel.

### 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: Saturday, 5 p.m.; 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, Saturday, 3:30 p.m., G-22 Anabel Taylor Hall.  
**Holy Thursday Mass:** April 4, 7:30 p.m., Anabel Taylor Auditorium.

### Christian Science

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>>.

# Music Department festival features French composer Olivier Messiaen

The Department of Music will highlight the works of French composer Olivier Messiaen (1908-1992) during three performances, April 2, 5 and 8. All concerts are free and are open to the public.

Messiaen was an influential composer and organist whose works were extremely personal and often influenced by Roman Catholic mysticism, as in his 1955 composition *The Ascension*. Others, such as the *Turangalila* symphony (1949), are based on oriental music or bird song, as in his *Catalog of Birds* (1959).

The April 2 performance, which is set for 8:15 p.m. in Barnes Hall, will feature Messiaen's *Visions de l'Amen*, performed on piano by Xak Bjerken, a Cornell lecturer, and Karl Paulnack, associate professor at Ithaca College; and *Quatuor pour la Fin du Temps*, performed by Bjerken, Ellen Jewett on violin, Elizabeth Simkin on cello and Richard Faria on clarinet. Also on the program is Witold Lutoslawski's *Subito* for violin and piano.

The program for April 5, which begins at 8:15 p.m. in Sage Chapel, opens with a group of five Messiaen pieces for organ performed

by University Organist Annette Richards. Selections include *Le Banquet Céleste* and *La Nativité du Seigneur*. The Cornell University Chorus and the Ithaca College Chamber Orchestra, under the direction of Ithaca College Professor Grant Cooper, will perform Messiaen's *Trois Petites Liturgies de la Présence Divine*. The program also features Francis Poulenc's *Litanies à la vierge noire*, to be performed by Richards and the university chorus under the direction of Scott Tucker.

Internationally recognized soprano Phyllis Bryn-Julson, Cornell soprano Judith Kellock and one of Kellock's voice students, soprano Nancy Jang, will close the Messiaen series April 8 at 8:15 p.m. in Barnes Hall, with a selection of works for voice and piano. Kellock opens the concert with pianist Xak Bjerken in a performance of *Chants de Terre et de Ciel*. Jang will be accompanied by Blaise Bryski in a reading of *Trois Mélodies*. Bryn-Julson, whose recordings are heard on the RCA, Decca and Deutsche Grammophon labels, will close the festival with a performance of *Poèmes pour Mi*. Bryn-Julson's Cornell appearance is sponsored by the Cornell Council for the Arts.

### Episcopal (Anglican)

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

### Friends (Quakers)

Sundays, 11 a.m., meeting for worship in the Edwards Room of Anabel Taylor Hall. Discussions most weeks at 9:50 a.m., 314 Anabel Taylor Hall.

### Jewish

Morning Minyan at Young Israel, 106 West Ave., call 272-5810.

For information on Friday and Saturday services, call 255-4227.

### Korean Church

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

### Latter-day Saints (Mormon)

Sunday services: Cornell Student Branch, 9 a.m., Ithaca ward, 1 p.m. For directions or transportation, call 272-4520, 257-6835 or 257-1334.

### 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.

### Orthodox Christian

Sundays, Matins at 8:45 a.m., Divine Liturgy at 10 a.m., St. Catherine's Greek Orthodox Church, 120 W. Seneca St., 273-6884.

### Protestant Cooperative Ministry

Sundays, 11 a.m., chapel, Anabel Taylor Hall.

### Sri Satya Sai Baba

Sundays, 10:30 a.m., 319 N. Tioga St. For details call 273-4261 or 533-7172.

### Zen Buddhist

Tuesdays, 5 p.m.; Thursdays, 6:45 p.m., chapel, Anabel Taylor Hall.

## seminars

### African Development Institute

"Private Investment in Africa: The Road to Development," Mwangi Wanmae, MBA student, Johnson School, April 1, 12:15 p.m., 208 W. Sibley Hall.

### Agricultural, Resource & Managerial Economics

"The Role of Compensation in Siting Hazardous Waste Facilities," Howard Kunreuther, The Wharton School, University of Pennsylvania, March 29, 1 p.m., 401 Warren Hall.

### Animal Science

"Considering Se as an Anti-cancer Agent," Gerald Combs, nutritional sciences, April 2, 12:20 p.m., 348 Morrison Hall.

### Anthropology

"Sticking It On and Shaking It Around: Body Adornments and Dance Movements Among the Northern Kayapo and Suya in Brazil," Anthony Seeger, Smithsonian Institution, and Terence Turner, University of Chicago, March 29, 3:30 p.m., 215 McGraw Hall.

### Applied Mathematics

"Listening to Dynamical Systems," Ami Radunskaya, Pomona College, March 29, 3 p.m., 310 Rhodes Hall.

### Astronomy & Space Sciences

"The Multiphase Interstellar Medium," Chris McKee, University of California at Berkeley, March 28, 4:30 p.m., 105 Space Sciences Building.

### Biochemistry

"Function Consequences of Transmembrane Signaling Initiated By Aggregation of Cell Surface Receptors," Henry Metzger, National Institutes of Health, March 29, 4 p.m., large conference room, Biotechnology Building.

### Bioengineering

"Technology for Managing Respiratory Failure," William W. Frayer, Cornell University Medical Center, March 29, 12:20 p.m., 155 Olin Hall.

### Biogeochemistry

"Using Physiological and Molecular Microbiology to Understand the Biogeochemistry of Organic Environmental Pollutants," Eugene Madsen, microbiology, March 29, 4 p.m., A106 Corson Hall.

### Chemistry

"The Chemistry of Polar Ozone Depletion," Mario Molina, Massachusetts Institute of Technology, April 4, 4:40 p.m., 200 Baker.

### Cognitive Studies

Andy Clark from Washington University will give two seminars: "Computation and Representation: Two Players in Search of a Role," March 28, 8 p.m., 164 Goldwin Smith Hall; and "What Does Embodiment Mean for Cognitive Science?" March 29, 3:30 p.m., 202 Uris Hall.

### Ecology & Systematics

"Dynamics of Adaption and Divergence During 10,000 Generations of Experimental Evolution With *E. coli*," Richard Lenski, Michigan State University, April 1, 4 p.m., A106 Corson Hall.

### Electrical Engineering

"Semiconductor Lasers, Microoptics and Integrated Optoelectronics: Innovations Through Material and Fabrication Technologies," Z.L. Liao, MIT, April 2, 4:30 p.m., 101 Phillips Hall.

### Fruit & Vegetable Science

"Superior Modeling of Photoperiod Temperature Regulation of Flowering for 11 Crops," Don Wallace, fruit & vegetable science, March 28, 4 p.m., 404 Plant Science Building.

### Genetics & Development

"Molecular Genetics of Sexuality in *Chlamydomonas*," Ursula Goodenough, Washington University, April 1, 4 p.m., large seminar room, Biotechnology Building.

### Geological Sciences

"Climate and Weathering and the Controls on Atmospheric pCO<sub>2</sub>," John Edmond, Massachusetts Institute of Technology, April 2, 4:30 p.m., 1120 Snee Hall.

### International Studies in Planning

"Emerging Markets in Eastern Europe and Latin America," Tamara Lothian, Bank of Boston, March 29, 12:15 p.m., 115 Tjaden Hall.

### Materials Science & Engineering

"Polymers With Smart Surfaces: Selective Ad-

hesives," Jeff Koberstein, University of Connecticut, March 28, 4:30 p.m., 140 Bard Hall.

### Natural Resources

"Biochronology: A Piscine Analogue of Dendrochronology," George Spangler, University of Minnesota, March 28, 3:30 p.m., 304 Fernow Hall.

TBA, David Schindler, University of Edmonton, Alberta, April 4, 3:30 p.m., 304 Fernow Hall.

### Nutritional Sciences

"B-carotene Absorption and Cleavage in Rats Is Affected by the Vitamin A Concentration of the Diet," Diane Dong, nutritional sciences, April 2, 12:20 p.m., 100 Savage Hall.

"Growth Hormone Stimulates Galactopoiesis in Healthy Lactating Women," Vanessa Annibali, nutritional sciences, April 3, 12:20 p.m., 100 Savage Hall.

### Ornithology

"Rarest of the Rare: A Quest for the Short-tailed Albatross," Diane Ackerman, April 1, 7:30 p.m., Fuertes Room, Lab of Ornithology.

### Physiology & Anatomy

TBA, Michael Appleby, April 2, 4 p.m., LH III Veterinary Research Tower.

### Plant Biology

"Sensing Environmental Change: Photosystems II Excitation Pressure and Redox Signaling," Norman Huner, University of Western Ontario, March 29, 11:15 a.m., 404 Plant Sciences.

### Plant Breeding

"Molecular Cytogenetics of Tomato," Jie Xu, plant breeding, April 2, 12:20 p.m., 135 Emerson.

### Plant Pathology

"Population Structure of dsRNA Viruses in the Chestnut Blight Fungus," Tobin Peever, plant pathology, Ithaca, April 2, 3 p.m., A133 Barton Laboratory, Geneva.

"Unusual Membrane Lipids in *Phytophthora infestans* and Their Possible Role in Fungal Physiology and Phytopathogenesis," Robert Moreau, USDA, Philadelphia, April 3, 12:20 p.m., 404 Plant Sciences.

### Russian Literature

"The Fugue in Two Parts in Stalinist Russia: On Symbolism of Musical Terms in Pasternak's Poetry," Boris Katz, Mussorgsky College of Music, St. Petersburg, March 29, 3:30 p.m., 277 Goldwin Smith Hall.

### Science & Technology Studies

"Trace Amounts: Cancer, the Environment and Human Rights," Sandra Steingraber, University of Illinois, Chicago, April 1, 4:30 p.m., 609 Clark Hall.

### SHARE: Diversity Network

"Historical Diversity in the United States: Prospects for Today and Beyond," Valerie Hayes, director of Cornell's Office of Equal Opportunity, March 28, 12:15 p.m., Founders Room, Anabel Taylor Hall.

### Sociology Joint Colloquia Series

"The Ethic of Responsibility, Environmentalism and Property Rights: The Social Basis of Activism in the New York City Watershed," Max Pfeffer, rural sociology, with J. Mayone Stycos, March 29, 3 p.m., Faculty Commons, MYR Hall.

### Soil, Crop & Atmospheric Sciences

"Comparative Effectiveness of Wood Ash, Hydrated Lime and Ground Calcitic Lime in Ameliorating Soil Acidity," Gerald Kimbi, soil, crop & atmospheric sciences, April 2, 3:30 p.m., 135 Emerson Hall.

### Sustainable Agriculture & Food Systems

"Linking Consumers and Institutions With the Local Food System: Selected Collaborative Projects," Jennifer Wilkins, nutritional sciences, April 3, 4 p.m., 401 Warren Hall. For info, contact Dean Hively, 255-3066 or <[wdh3@cornell.edu](mailto:wdh3@cornell.edu)>.

### Textiles & Apparel

"Water at the Polymer/Substrate Interface and Its Role in Adhesion Loss of Polymeric Composites," Tinh Nguyen, National Institute of Science and Technology, March 28, 12:20 p.m., 317 Martha Van Rensselaer Hall.

### Toxicology

"Immunomodulation in Response to Environmental Factors," M.A. Qureshi, North Carolina State University, March 29, 12:20 p.m., 135 Emerson Hall.

## symposiums

### Cornell African Students Association

Sustainable development in sub-Saharan Africa, see story on Page 3.

### DNA Services Mini-Symposium

The automated DNA sequencing facility is hold-

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## CALENDAR

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ing its annual symposium on March 28 from 8:30 a.m. to 12:30 p.m. in G-01 Biotechnology Building. Topics include: improving your sequence results, template preparation and automated microsatellite analysis. For more information, call 257-4857.

**South Asia Program**

"Indian National Economic Policy in an Era of Global Reform: An Assessment," see story on Page 6.

**Women's Studies Program**

A panel discussion on "Gender and Consumer Culture in the United States: Recent Work by Graduate Students in the History Department" will be held March 29 from 3:30 to 5:30 p.m. in the ILR Faculty Lounge, Ives Hall. Featured will be: "Add Women and Stir? New Recipes From Old Ingredients," Jacqueline Hattan; "Keeping Up With the Mrs. Joneses," Susan Matt; and "Hats Are Pretty Much of a Nuisance After All: The Construction of Women's Citizenship in the 1920s," Liette Gidlow.

## miscellany

**Book Sale**

The Durland Alternatives Library fourth annual book sale will be going on in the library, 127 Anabel Taylor Hall, March 31-April 7. Subjects cover holistic health, progressive politics, world religions and much more. Library hours are Monday-Friday, 9:30 a.m. to 6 p.m., Saturday, noon to 4 p.m. and Sunday, 7:30 to 10:30 p.m. Proceeds will go to the West Africa-Ithaca Library Partnership Project. Call 255-6486 for information.

**Cooperative Extension Sale**

Cornell Cooperative Extension of Tompkins County will hold a horse equipment, clothing and tack sale March 30 from 10 a.m. to 1 p.m. at the extension office, 615 Willow Ave., Ithaca. Consignments will be accepted from 1 to 4 p.m. Friday and 9 to 9:30 a.m. Saturday. Ten percent of the proceeds will support the horse barn at 4-H Acres. For info, contact Susan McCutcheon, 272-4468.

**Cornell International Festival**

Flag painting, April 4, 3:30-5:30 p.m., Big Red Barn.

**Cornell Railroad Historical Society**

Finger Lakes Model Train and Circus Show, March 30-31, 10 a.m. to 5 p.m., New York State Armory, NYS Route 13 at Hanshaw Road. Admission: Adults \$3; kids 6-12, \$2; family rate, \$7. For more information call Tom Trencansky, days 255-5352, evenings 844-4767.

**CUSLAR Benefit**

A benefit for CUSLAR will be held March 31 at 11 a.m. at Moosewood Restaurant. Suggested donation, \$10-\$20. Tickets are available at Moosewood, Bead Store Cafe, Mundo Gitano, the Alternatives Library and by calling 255-7293.

**Internet Workshop**

An advanced internet workshop will be held April 3 from 2:30 to 4:30 p.m. in the Uris Library Computer Lab. This is part two of the two-part sequence. For information call 255-4144 or e-mail <Olinref@cornell.edu>.

**LGB Resource Office**

\* Friday, March 29, 4:30 p.m.: LGB faculty/staff TGIF at Coyote Loco.

\* If you are interested in helping out with Gaypril, call 254-4987 or e-mail <cu\_lbg@cornell.edu>.

\* The Cornell Lesbian, Gay, Bisexual Resource Office Advisory Group is accepting applications for all seats opening Fall 1996. Help determine the mission of the LGB Resource Office in the years ahead. For more info, contact the LGBRO at 254-4987, cu\_lbg@cornell.edu. Deadline for application is April 1.

**Red Cross Instructor Courses**

To become a Red Cross CPR and first aid instructor, contact Tarry Hilliard, director of health services at the American Red Cross, at 273-1900 about the following courses:

- Instructor candidate training (prerequisite for all instructor courses), March 30, 1 to 5 p.m.
- CPR and first aid instructor, April 2-4, 6 to 10 p.m. each night.
- CPR for the professional rescuer instructor, April 9, 6 to 10 p.m.

Also, the following standard first aid classes are being offered for a fee of \$45. Contact the Red Cross at 273-1900 for details:

- April 3, 8 a.m. to noon
- April 5, 8 to 10:30 a.m.

**Stress Busters**

"Calming the Mind and Body Through Meditation," April 3, 4 p.m., McManus Lounge, Hollister.

## Top gymnast finds balance in her sport and in life

By Michael Jason Lee

With an array of academic accolades in tandem with her considerable athletic achievements, Karin Weismann has become one of the elite performers, both inside and outside of the gymnasium, for the Cornell women's gymnastics team.

The senior biology major is a member of two honor societies, a fixture on the dean's list, an Academic All-American and the recipient of the Richie Moran Award, given to a student-athlete who personifies excellence in athletics, scholarship and ambassadorship.

Through her accomplishments, Weismann has established herself as a paragon for other athletes to emulate.

"Karin is the perfect role model for student athletes at Cornell," head gymnastics coach Paul Beckwith said. "She's everything a coach could want in an athlete. We couldn't ask for anything more out of anyone."

After spending her first two collegiate years in the swimming program, Weismann decided to compete for the gymnastics squad her junior year.

Assistant gymnastics coach Melanie Hall said Weismann's change was influenced by the reinstatement of the gymnastics program to varsity status (the program had been cut the previous year) and her love for the sport.

"Karin was out of gymnastics for several years after high school," Hall said. "When they brought the team back, she loved gymnastics so much that she came back to it and worked extremely hard to get where she is today."

Weismann was a standout gymnast at Milford Area Senior High School, garnering *Boston Globe* All-Star laurels three times and winning the state championship in the floor exercise during her senior year.

Unfortunately, the unique demands of gymnastics prevented her from simply shaking off her extended absence and picking up where she had left off in high school at Cornell. Weismann was forced to redevelop her muscle strength, acute timing and overall abilities through long hours of practice.



Karin Weismann

"I came back and worked my whole junior year, and I really didn't feel like I was strong again until the end of the season in March," said the co-captain from Norwich, N.Y. "It takes a lot to get the body back into shape and get the timing back, so it just has to do with doing a lot of gymnastics."

Beckwith remarked that Weismann's tremendous work ethic was a primary determinant in her successful transition.

"There are people in every sport who work hard and then there are people who really work hard," he said. "Karin is never quite satisfied, she always wants to go that extra mile . . . she just wants it real bad."

Weismann has steadily improved her scores in all four events this season and has subsequently solidified her spot as the team's top all-around performer.

Earlier this year, she recorded a personal-best score of 9.22 on the balance beam and a 9.1 mark on the uneven bars, the highest judgment by a Big Red gymnast this season. At the Ithaca Invitational, Weismann

## sports profile

amassed a career-high score of 36.10 in the all-around competition. By improving her all-around score by over three full points from her first meet of the season, Weismann achieved her preseason goal of 36, or an average of 9.0, in each of the four events.

Weismann has pinpointed the keys to her success.

"Self-discipline, self-motivation and attitude are very important. I think I have a strong self-discipline which gets me to go into the gym and gets me to keep a positive attitude," she said. "Even when I'm in pain, I feel like there is more that I can do to get better."

"Gymnastics is very important to me," Weismann added. "I want to be so good at gymnastics that it just drives me to keep going and to work harder."

Weismann had utilized her leadership role to instill team unity, a fundamental step in the squad's rebuilding process that was lacking last season.

"My goal this year as a team captain is to make the team much stronger by having everyone support each other and be united," she said. "We're going through a transition, but I think it's important to build traditions and a base for the team, and from there it can grow stronger as far as performance."

Beckwith recognizes the positive influence Weismann has had on her teammates.

"She is absolutely the cheerleader of the team, as well as our best competitor," he said. "She's always picking someone else up when they are down, cheering them on. She's just a born leader."

Regardless of her performance the remainder of the season, it is obvious that Karin Weismann will always finish as a champion.

*Michael Jason Lee is a senior at Ithaca College.*

## sports

**Baseball (1-8, 0-0 Ivy)**

March 28, Cortland, 3 p.m.  
March 30, at Colgate (2)  
March 31, Colgate (2)

The Big Red finished up a tough road trip to the West Coast by losing a doubleheader on Saturday at San Francisco State 16-1 and 7-3. In the middle of the week, the Red lost three times to the University of Pacific 25-4, 18-7 and 23-13.

**Golf (0-1)**

April 13, at Yale Invitational  
Last Wednesday in Orlando, Fla., the men's golf team lost a tough match to Stetson by an 11-stroke margin, 433-444.

**Women's Gymnastics (1-22)**

March 23, ECAC Championships at Brown  
The tumblers went 0-4 last week, following a loss at North Carolina (191.225-170.075) and three losses at Towson State, where the host school finished first (193.60), followed by Kentucky (192.8), George Washington (191.33) and then the Big Red (170.55).

**Men's Lacrosse (1-3, 0-1 Ivy)**

March 27, Delaware, 3 p.m.  
March 30, at Pennsylvania  
Bob Berls scored 3:03 into the third overtime to give visiting Yale an 11-10 win over the men's lacrosse team in the Ivy League opener for both teams last Saturday afternoon at Schoellkopf Field.

**Women's Lacrosse (1-2, 0-1 Ivy)**

March 30, Brown, 12 p.m.  
March 31, New Hampshire, 12 p.m.  
The women's lacrosse team dropped its Ivy opener, losing at Penn by a 10-9 count Saturday in Philadelphia. The women laxers dropped their second straight game, losing at Lafayette by a 9-8 score on Sunday.

**Softball (5-4, 0-0 Ivy)**

March 30, at Hartford (2)  
March 31, at Central Connecticut (2)  
The softball team closed out its spring trip in Virginia last week, going 4-3 for an overall mark of

5-4 on the trip. The Red split a doubleheader against Bucknell before posting a 3-2 mark at the Radford Tournament over the weekend.

**Men's Tennis (4-7, 0-1 EITA)**

April 5, Pennsylvania, 2 p.m.  
April 6, Columbia, noon

The men's tennis team traveled to Florida last week to compete against Central Connecticut, Stetson, Webber, Florida Southern, Western Alabama, and Central Florida. The trip began with a 5-1 victory over Central Connecticut at Orange Lake Community College, improving the Big Red's record to 3-4. It fell to 3-5 when the Red lost 6-1 to Stetson. Freshman Josh Benjamin (Los Alamos, N.M.) recorded the Red's only singles victory for the day in the No. 6 spot. He also teamed up with junior Brian Kintz (San Diego, Calif.) to post a win at No. 3 doubles. Cornell's record climbed to 4-5 when the Big Red defeated Webber College 4-3 on March 18. The Big Red went on to lose 4-3 at Florida Southern. On March 21, the netters were shut out 7-0 by Central Florida. That evening, the Big Red defeated Western Alabama 4-2.

**Women's Tennis (5-0, 0-0 Ivy)**

March 27, Colgate, 4 p.m.  
March 30, Rutgers, 11 a.m.  
The women's tennis team completed its spring trip with a 5-0 record, after finishing the week with victories over 55th-ranked Iowa (6-1), U.S. International (7-0) and Cal State Fullerton (9-0). The Big Red is off to its best start since 1991. The point given up vs. Iowa is the only one lost by the Big Red in the spring of 1996, as the squad has posted four shutouts. Senior Olga Itskhoki (Moscow, Russia) won all three of her matches at No. 1 singles, (6-0, 6-4) vs. Iowa, (6-2, 6-1) vs. USI and (6-0, 6-3) vs. Cal State Fullerton, to lead the Red to victory. Also performing well for Cornell was senior Jigisha Pathakji (Staten Island, N.Y.), who won twice at No. 3 singles, (3-6, 6-4, 6-3) vs. Iowa and (6-2, 6-0) vs. Cal State Fullerton. She was also a winner at No. 2 singles vs. USI (6-1, 6-0).

**Men's Outdoor Track (0-0)**

April 6, at Penn Invitational  
The Big Red men garnered fourth place with 89

points at the Irvine Invitational last Saturday in Irvine, Calif. Junior Jeff Nason (Couer d'Alene, Idaho) helped lead the men by winning the steeplechase in 9:14.73 and senior Charles Shimooka (Escondido, Calif.) tied for first place in the pole vault (15-7).

**Women's Outdoor Track (0-0)**

April 6, at Penn Invitational  
The Big Red women won the Irvine Invitational last Saturday with 130.5 points. Cornell was led by sophomore Ellen White (Ann Arbor, Mich.), who won the high jump (5-4), junior Becky Dennison (Lexington, Mass.), who won the 800 meters (2:13.17), and senior Linda Scheu (Congers, N.Y.), who won the 3,000 meters (10:03.5).

**Wrestling (14-3, 4-1 Ivy)**

The wrestling season came to a close last weekend, with four Cornell wrestlers competing in the NCAA championships. Junior Carl Keske (Bellevue, Ohio), the No. 7 seed at 134 pounds, won his first two matches to reach the quarterfinals. He defeated Doug Batey of James Madison by an 8-6 count, before posting a 15-7 major decision over No. 10 seed Oscar Wood of Oregon State. In the quarters, he lost to eventual champion Cary Kolat of Lock Haven by a 5-2 score. He then lost to Northwestern's Tony Pariano 7-5 in sudden death overtime, falling one win shy of All-America honors. Junior heavyweight Monty Cheff (Charlo, Mont.) lost in the first round and received a bye in the first round wrestlebacks. In the second round wrestlebacks, he posted a 6-4 sudden death victory over Oklahoma's Trey Sway, before being eliminated by Ohio State's Nick Nutter by an 8-4 score. Junior 190-pounder Carlos Eason (Chesapeake, Va.), the No. 9 seed, was still ailing from a sprained ankle he suffered in the IWIWA finals on March 9, and was eliminated after two matches. Sophomore Joel Holman (Leamington, Utah) lost his first two matches at 177 pounds and was eliminated from the tournament. The Big Red tied for 42nd place out of 66 teams competing, with a score of 4.00 points. Keske finished the season with a 32-7 record, while Cheff and Holman were both 28-11. Eason wrapped up his junior campaign with a 22-5 slate.

# CALENDAR

March 28 through April 4

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.

## dance

### Ballroom Dance Club

• Friday, March 29, Blossom Ball, Memorial Room, Willard Straight Hall, free beginner's lesson from 7 to 8 p.m.; dancing will be held 8 p.m. to midnight. Student members: \$3, Student/Adult members: \$5, Adults: \$7.

• Saturday, March 30, Intercollegiate and Adult Dance Competition in the Field House. Competitive events start at 8:30 a.m., with American Smooth and International Standard events before noon. After lunch, the American Rhythm and International Latin events begin. The evening session will start at 7 p.m. The competition is open to spectators. Tickets will be for sale at the door.

• Sunday, March 31, three ballroom dance workshops in the Memorial Room.

For more information about all activities, contact Tom Smulders at 266-0502 or via e-mail at <tvst1@cornell.edu>.

### Cornell International Folkdancers

Open to the Cornell community and general public. For information, call Edilia at 387-6547 or send e-mail to David at <dhr1@cornell.edu>.

March 31, North Room, Willard Straight Hall: 7:30 p.m., Daichovo (Bulgarian) and Hungarian dances taught by Maureen Vivino, 8:30 p.m., request dancing.

### Israeli Folkdancing

Thursdays, 8 p.m., Edwards Room, Anabel Taylor Hall. For information, call 255-4227.

### Theatre Arts

Dance Alloy, a Pittsburgh-based contemporary dance company, will perform March 30 at 8 p.m. on the proscenium stage at the Center for Theatre Arts. Tickets are \$8 for students and seniors and \$10 for the general public. For more information, call 254-ARTS. This concert originally was scheduled for Friday, March 29. Those who purchased tickets for March 29 should contact the box office for exchange information.

## exhibits

### Johnson Art Museum

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.

• "Playfulness and Fashion: Intro From the Weston Collection," through May 12.

• "For the Enjoyment of Art: The Lockhart Collection," through May 12.

• "Still Time: Photographs by Sally Mann," March

30 through May 26.

• Art for Lunch: Thursday Noontime Gallery Talks: On March 28 at noon, Masako Watanabe, assistant curator of Asian art, will give a talk on the exhibition "Playfulness and Fashion: Intro From the Weston Collection."

• Sunday Afternoon Artbreaks: On March 31 at 2 p.m., docent Leonora Georgeolou will present "Reading Art, Speaking Art: A Visual Recipe."

• Brand X Musical Theatre will be presented March 31 from 3 to 4 p.m. at the museum.

### Design and Environmental Analysis

Interior and architectural work by Robin Guenther, AIA, and her firm, Architecture + Furniture, April 1-12, E124 MVR Hall.

### Hartell Gallery (M-F, 8 a.m. to 5 p.m.)

Paintings by Jerome Walford, through March 30.

### Tjaden Gallery (M-F, 8 a.m. to 5 p.m.)

• M.F.A. exhibition: sculpture by Mark Gaertner; prints by Emily Trespas, through March 30.

• Work by students of Professor Norman Daly's "Color, Form and Space" class, March 30-April 6.

### Willard Straight Art Gallery (9 a.m. to 10:30 p.m.)

Chinese brush paintings by Jenny Chuang, through March 29.

## 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 and children under 12), except for Tuesday night Cinema Off-Center at the Center for Theatre Arts (\$2) and Saturday or Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

### Thursday, 3/28

"Water and Power" (1989), directed by Pat O'Neill, 7:30 p.m.

"Blue in the Face" (1995), directed by Wayne Wang and Paul Auster, with Harvey Keitel, Jim Jarmusch and Roseanne, 9 p.m.

### Friday, 3/29

"Carrington" (1995), directed by Christopher Hampton, with Jonathan Pryce and Emma Thompson, 7:15 p.m.

"City on Fire" (1987), directed by Ringo Lam, with Ko Chow, 7:15 p.m. & midnight, Uris.

"Blue in the Face," 9:45 p.m., Uris.

"Wild Reeds" (1994), directed by Andrea Techine, with Elodie Bouchez and Gael Morel, 9:45 p.m.

### Saturday, 3/30

"The Sorrow and the Pity" (1971), directed by Marcel Ophuls, 1:30 p.m., free.

"Wild Reeds," 7:15 p.m.

"Blue in the Face," 7:15 p.m., Uris.

"City on Fire," 9:30 p.m. & midnight, Uris.

"Carrington," 9:45 p.m.

### Sunday, 3/31

"Blue in the Face," 4:30 p.m.

"Wild Reeds," 7:15 p.m.

### Monday, 4/1

"El: This Strange Passion" (1952), directed by Luis Bunuel, 7:15 p.m.

"Carrington," 9:15 p.m.

### Tuesday, 4/2

"Death in Sarajevo," directed by Haris Prolic, sponsored by the Bosnia Coordinating Committee, 4:30 p.m., free.

"Shtetl" (1996), directed by Marian Marzynski, with visiting cinematographer Slawomir Grunberg, 7 p.m.

"Poison" (1989), directed by Todd Haynes, 7:30 p.m., Center for Theatre Arts Film Forum.

"Blue in the Face," 10:30 p.m.

### Wednesday, 4/3

"The Music Room" (1958), directed by Satyajit Ray, 7 p.m.

"Dreaming Filipinos" (1990), directed by Manny Reyes and "Toxic Sunset" (1991), directed by Louella Lasola and Ben Pimentel, 9:15 p.m.

### Thursday, 4/4

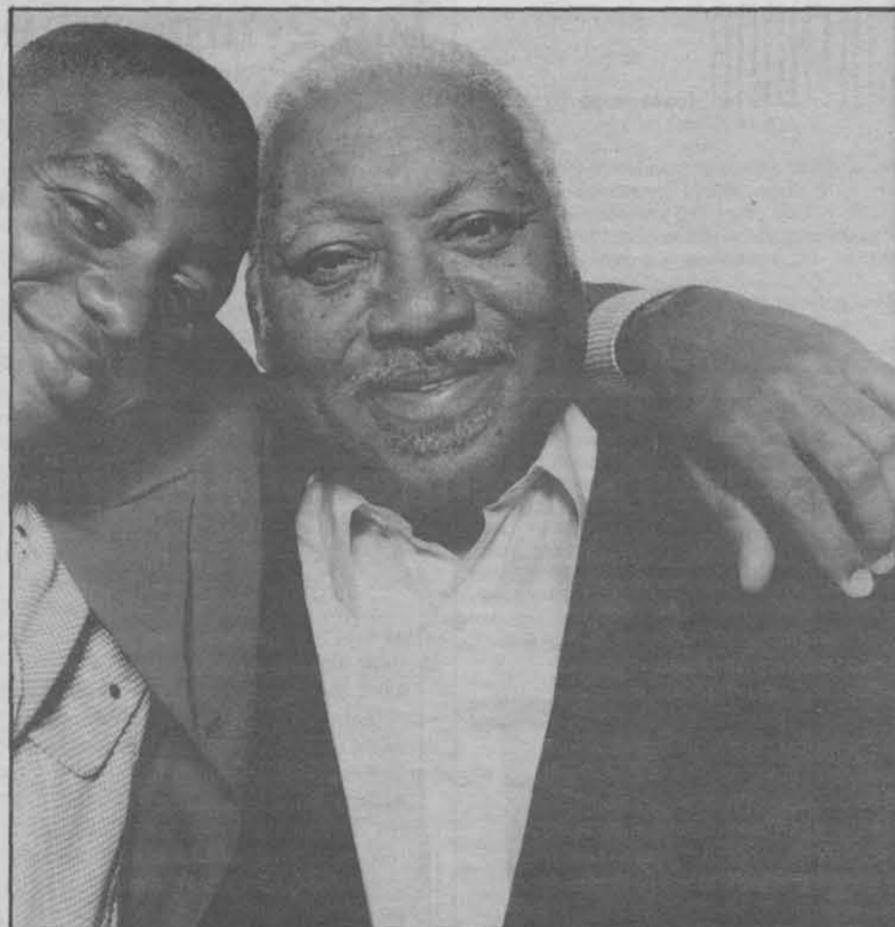
"As I Remember It: A Portrait of Dorothy West" (1991), directed by Salem Mekuria, 5:30 p.m., free.

"The Institute Benjamenta" (1995), directed by The Brothers Quay, 7 p.m.

"The Music Room," 9:15 p.m.

## graduate bulletin

• Moving to Caldwell: The Graduate School offices will move from Sage Hall to Caldwell Hall. Anticipated moving dates are:



Michel Comte

The Cornell Concert Commission brings legendary jazz artists Branford and Ellis Marsalis to Bailey Hall on March 31 at 8 p.m. For ticket information, call the concert commission office at 255-7231.

Records Office, Thesis Adviser, Admissions Office, and Fellowships and Financial Aid Office - May 3 to 5.

Deans' offices and Publications and Statistics Office - May 14-24.

• May 3: Closed for move: The Graduate School offices will be closed on Friday, May 3, because of the move (see exception for thesis adviser). Phone and e-mail service also will not be available on May 3. On Monday, May 6, limited services will be available in Caldwell Hall. We apologize for the inconvenience.

• Thesis Adviser: The thesis adviser will be available for walk-in student appointments on Friday, May 3, from 9 a.m. to noon and from 1:30 to 3:30 p.m. in the lounge of Sage Hall. On Monday, May 6, the thesis adviser will be available in Caldwell Hall.

• Lani Guinier lecture: The annual Spencer T. and Ann W. Olin Foundation Lecture will be given by Lani Guinier on Thursday, April 11, 7:30 p.m., Statler Hall Auditorium. Admission is free, but tickets are required. Tickets are available at the Willard Straight ticket office; the Information and Referral Center, Day Hall; the Graduate School information desk; and at the door.

• Income tax seminars for international students: A representative from the Internal Revenue Service will conduct a seminar on Friday, April 5, 9 a.m. to noon, Anabel Taylor Hall, Auditorium, 2nd floor. If you have additional questions, contact IRS, toll free, 1-800-829-1040.

• May degree: All requirements for a May degree must be completed by May 17, including submitting the dissertation/thesis to the Graduate School. Professional master's candidates should check with their field regarding specific deadlines.

• Orientation volunteers: Volunteer as a graduate adviser for Graduate Orientation Week, Aug. 21 to 31. Interested graduate and professional students should contact Victoria Blodgett, manager of the Big Red Barn Grad Center (254-4723 or <vab2@cornell.edu>) or Sarah Bigham, graduate assistant (255-1123 or <sgb4@cornell.edu>).

## lectures

### Campus Club Lecture Series

A tour of the new Veterinary Medical Teaching Hospital, guided by Francis Kalfelz, director, March 29, 10 a.m., Cornell Veterinary Hospital.

### Design and Environmental Analysis

"Healing Institutions: Design in Medical Environments," Robin Guenther, AIA, and John Petrarca, AIA RIBA, April 1, 4:30 p.m., 7th Floor, Clark Hall.

### English

On April 1 at 2:55 p.m. in Hollis Cornell Auditorium, Goldwin Smith Hall, physicist Persis Drell will speak as part of the "Mind and Memory" lecture series.

### European Studies Institute

"History and Literature. Historiographical Prac-

tices Between Foundations and Futures," Christian Jouhaud, Centre de Recherches Historiques, April 3, 4:30 p.m., Guerlac Room, A.D. White House.

### Hotel School

Robert Egger, director of D.C. Central Kitchen, will speak as part of the series in the Housing and Feeding the Homeless course, April 2, 2:30 p.m., 190 Statler Hall.

### International Students Programming Board

Chief Emeka Anyaoku, secretary-general of the Commonwealth of Nations, will lecture as part of the Cornell International Festival, April 4, 8 p.m., Call Alumni Auditorium, Kennedy Hall.

### Landscape Architecture

On April 3 at 6:30 p.m. in A106 Corson Hall, Tom Shueler, executive director of the Center for Wetlands Preservation, will speak as part of the "Ecology and the Designed Landscape" series.

### Southeast Asia Program

"New Ideas on Forestry Management in Indonesia: Local and Government Participation," Larry Fisher, Ph.D. candidate, natural resources, March 28, 12:15 p.m., Kahin Center, 640 Stewart Ave.

"The Covert Level of U.S. Southeast Asian Policies," George McT. Kahin, international studies, April 4, 12:15 p.m. Kahin Center, 640 Stewart Ave.

### Theater Arts

Dance Alloy will give a free lecture/demonstration March 28 at 6 p.m. in the dance studio at the Greater Ithaca Activities Center. For information, call 254-2730.

### Theory Center

"Computational Challenges in the NMR Structure Characterization of Reversible Protein-Ligand Complexes," Feng Ni, Biotechnology Research Institute, National Research Council of Canada, April 2, 2:30 p.m., 456 Rhodes Hall.

"Localized Orbitals: A Physically Meaningful Picture Leading to Intrinsically Parallel Algorithms for Electronic Structure Calculations," Stefan Goedecker, Max-Planck-Institute, April 4, 2:30 p.m., 456 Rhodes Hall.

### University Lectures

"On the Conclusion of Wars as the Foundation for Peace," Donald Kagan, Yale University, April 1, 4:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

### University Program Board

"An Evening with Bill Maher," Bill Maher, comedian and satirist, March 30, 8 p.m., Bailey Hall. Tickets are \$5 for students, \$7 for the general public, on sale at the Willard Straight ticket office.

"Social and Political Challenges in the '90s," Douglas Wilder, former governor of Virginia and the first African-American governor in the United States, April 2, 8 p.m., Uris Hall Auditorium.

### Women's Studies Program

"To Paint Her Life: Charlotte Saloman in the Nazi Era," Mary Lowenthal Felstiner, San Francisco State University, April 2, 4:30 p.m., 122 Rockefeller Hall.

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