

# CORNELL Chronicle

Volume 27 Number 33 May 9, 1996

BREAKING NEWS

## Deans recommended

Provost Don M. Randel has announced he is recommending the appointments of two new deans.

Recommended are Edward J. Lawler, as dean of the School of Industrial and Labor Relations, and Philip E. Lewis, as dean of the College of Arts and Sciences.

The appointments will be presented for approval at the May meeting of the Board of Trustees.

## Three on faculty elected to American Academy of Arts and Sciences

By Larry Bernard and Jill Goetz

Three Cornell faculty members have been elected to the American Academy of Arts and Sciences. They were among 159 new Fellows and 26 foreign honorary members to be elected for their distinguished contributions to science, schol-



Shoemaker



Teukolsky



Shuler

arship, public affairs and the arts. The Cornell faculty members are: Sydney

Dr. Maria New elected to NAS, Page 3

S. Shoemaker, the Susan Linn Sage Professor of Philosophy; Michael L. Shuler, the Samuel B. Eckert Professor of Chemical Engineering; and Saul A. Teukolsky, professor of physics and of astronomy.

### Sydney S. Shoemaker

Shoemaker, 64, received his Ph.D. from Cornell in 1958 and has been a full professor of philosophy at the university since 1970. A specialist in the philosophy of mind and meta-

physics, he is the author of *Self-Knowledge and Self-Identity* (1963) and *Identity, Cause and Mind—Philosophical Essays* (1984); co-editor, with Carl Ginet, of *Knowledge and Mind* (1983); and co-author, with Richard Swinburne, of *Personal Identity* (1984).

Shoemaker has received a Fulbright Scholarship to the United Kingdom, George Santayana Fellowship at Harvard University, John Locke Lectureship at Oxford University, Josiah Royce Lectureship at Brown University and National Endowment for the Humanities and Guggenheim fellowships.

Continued on page 4

## Housing policy goes to trustees reflecting input

By Jacquie Powers

President Hunter Rawlings will present the Board of Trustees a revised residential housing policy that reflects many of the suggestions and concerns members of the campus community expressed during the past weeks at rallies, press conferences and in conversations with key administrators.

Rawlings will present the revised policy to the trustees at their regular meeting later this month. The full text of the document, "Cornell University Residential Communities Policy Statement," released May 2, is available electronically at <<http://www.sas.cornell.edu/rescomm/policy.html>>. It sets forth the general residential housing goal Rawlings is proposing and seven basic principles the administration believes help to achieve that goal.

The statement Rawlings issued May 2 with the revised policy, explaining the discussions of the past weeks, is printed in full on Page 4 of today's *Chronicle*.

Rawlings' vision for Cornell's residential community is set forth in the revised policy's goal, which has garnered extensive support: "Cornell University will provide supportive residential communities that contribute to an intellectually engaged and socially responsible campus environment."

An earlier version of the proposed residential policy statement, issued by Rawlings in March, also contained, in addition to the goal and basic principles, what were called "program directions." These were specific actions outlined to accomplish the long-term goal for residential housing and fulfill the basic principles.

Many members of the campus community objected to these program directions, which, among many items, called for phasing freshmen out of residence in the university's 10 program houses. Opponents of the proposed policy said this would destroy the program houses, since approximately 50 percent of their residents are freshmen. Program houses include ethnically based houses such as Ujamaa, which focuses on African-American culture, and subject-based houses such as Just About Music. Further, opponents argued that the program houses, particularly ethnic ones, provide essential support for minority students' transition to campus life.

As a result of the recent discussions, the revised policy statement being brought to the trustees for approval contains no

Continued on page 2

## Lei it on the line



Frank DiMeo/University Photography  
Diana Wong '96, left, and Reid Townsend '96 dance to the song *Home in the Islands* during Hawaiian Night festivities organized by the Cornell Hawaii Club on Sunday, May 5. About 300 people attended the event at Trillium in Kennedy Hall.

## CU's Fortune apple trees planted

By Blaine P. Friedlander Jr.

Ryan Thomas England does not know it yet, but Tree Number 12 is for him. To find it, go to the first row of the Fortune apple trees at Cornell Orchard, where his proud grandfather planted it the day after Ryan's birth.

"I should tie a little blue ribbon around it," said Daryl Lund, the boy's grandfather and dean of the College of Agriculture and Life Sciences. Lund, Cornell scientists and others involved in the Fortune effort gathered in a light rain on May 3 to plant the first of 200 Fortune apple trees in the orchard along Route 366, east of campus.

Armed with a golden shovel, the dean and Susan K. Brown, associate professor of horticultural science at Cornell's Agricultural Experiment Station in Geneva, ceremonially dug the hole for Tree Number 12.

The tree, along with 199 others, will produce Fortune apples—a large, tasty, eating variety—the latest in a long line of

achievements by the Geneva Apple Breeding Program. The apple is a hybrid offspring of the Schoharie Spy and Empire apples and has cream-colored flesh, crisp texture and stores well.

The other Cornell scientists planting trees Friday included: Elmer E. Ewing, chair of fruit and vegetable science; Louis J. Edgerton, professor emeritus of fruit and vegetable science; and Warren C. Stiles, professor of fruit and vegetable science. Helping with the planting of the ceremonial trees were Dawn Moser, Erma Sacchi, Curt Bailey and Jerry Gentile Jr., all of the Cornell Orchard crew.

The Fortune apple trees are expected to bear fruit in two years, said Rick Reisinger, Cornell Orchard manager. He expects to harvest 100 bushels within two years and up to 300 bushels for sale in the orchard store in three years.

Young Ryan, born Thursday in Fort Atkinson, Wis., then will be old enough to enjoy the fruits of Cornell research and his grandfather's labor.



Frank DiMeo/University Photography  
Daryl Lund, right, dean of the Ag College, joins Susan K. Brown, associate professor at the Agricultural Experiment Station in Geneva, in planting a Fortune apple tree May 3 at Cornell Orchard.



## OBITUARY

A celebration of the life of **W. Reid Thompson** will be held at the A.D. White House on campus, Thursday, May 16, at 3 p.m. Thompson, an expert in planetary science, died April 22 at age 44 after a long illness.

A senior research associate at Cornell's Laboratory for Planetary Studies, Thompson was remarkable in combining expertise in organic chemistry, computer imaging data analysis and the theory of light scattering in planetary atmospheres.

He was an associate member of the imaging teams on NASA's Voyager and Galileo missions to the planets, was responsible for widely reprinted Galileo pictures of the Earth in visible and infrared light, and made important contributions to our understanding of the atmospheres and surfaces of the moons Titan and Triton.

Known as a brilliant and conscientious colleague and an inspiring mentor and adviser, Thompson was awarded Cornell's DuPont Teaching Prize as well as its Clark Award for Distinguished Teaching. He was affiliated with Cornell since 1973, where he received an M.S. in chemistry and a Ph.D. in astronomy – the latter under the guidance of Carl Sagan, with whom he was associated ever since. Since his graduate school days, colleagues said, he dreamed of using Galileo data to determine what molecules are responsible for the colors of Jupiter's clouds, one of the outstanding mysteries of planetary science.

Tragically, he died just after Galileo achieved orbit around Jupiter. Contributions to establish a Thompson Memorial College Scholarship in Science may be sent to Dr. Pete Thompson, 204 Bennington Court, Richmond, Ky. 40475.

## Shoemobile visit is May 24 on campus

The Department of Environmental Health and Safety (EHS) will sponsor a visit by the Lehigh shoemobile with a selection of safety shoes on Friday, May 24, from 7:30 to 11 a.m. and noon to 3 p.m. at the EHS building, 201 Palm Road. Employees eligible to receive department reimbursement for safety shoes should use an L-order with "Lehigh Safety Shoe" as the vendor and an authorized signature. The maximum monetary amount allowed by the department should be stated on the L-order. Employees going to the shoemobile may do so on work time with supervisory approval. Questions should be referred to EHS at 255-8200.

## CORNELL Chronicle

Henrik N. Dullea, Vice President for University Relations  
Linda Grace-Kobas, Director, Cornell News Service  
Simeon Moss, Editor  
Larry Bernard, Science Editor  
Jacquie Powers, Education Editor  
Karen Walters, Editorial Assistant  
Dianna Marsh, Circulation  
Writers: Blaine P. Friedlander Jr., Darryl Geddes, Jill Goetz, Susan Lang, Roger Segelken and Bill Steele.

Published 42 times a year, the *Cornell Chronicle* is distributed free of charge on campus to Cornell University faculty, students and staff by the University News Service.

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

### Mail Subscriptions:

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

### Copyright Notice:

Permission is granted to excerpt or reprint any material originated in the *Cornell Chronicle*.

## 1996 Perkins Prize goes to Festival of Black Gospel

By Linda Grace-Kobas and Jacquie Powers

The annual James A. Perkins Prize for Interracial Understanding and Harmony at Cornell was awarded for the second time on Monday, May 6.

"In honoring those who have helped to promote interracial harmony and understanding, the Perkins Prize establishes those goals as worthy ones for the university as a whole," said President Hunter Rawlings, speaking at the afternoon ceremony at the A.D. White House on campus.

The Festival of Black Gospel, a 20-year-old campus organization dedicated to strengthening ties between Cornell and the community through an annual weekend of gospel music and worship, received this year's \$5,000 award.

Speaking along with Rawlings at the ceremony were trustee Thomas W. Jones, who established the prize in 1995; President Emeritus James A. Perkins, for whom the prize is named; and John L. Ford, the Robert W. and Elizabeth C. Staley Dean of Students.

Accepting the Perkins Prize on behalf of the Festival of Black Gospel were Roxanne Ryan '98, president; Yvonne Lomax, community liaison officer; and Cleveland Thornhill, adviser.

"I've learned that the path to leadership is more so paved with pain and prayer than with the power and plaudits that soothe the ear," Ryan said. "Also know that blessed are the peacemakers. Look at yourself and be sure you are among the peacemakers."

Two finalists for the prize were given honorable mentions at the ceremony: Dr. Martin Harris, staff psychologist at Cornell's Gannett Health Center, who has worked as an adviser to and mediator for Latino organizations on campus as well as individual students, and the Department of Theatre Arts, which last fall produced *Fires in the Mirror: Crown Heights, Brooklyn and Other Identities* to explore issues of racial tension. Kimberly L. Shute, interim director of campus and community relations, and Robert Mortis, director of audience services, received awards on behalf of the department.

Jones established the Perkins Prize to promote efforts for the advancement of campus interracial understanding and har-



Robert Barker/University Photography

From right to left, President Hunter Rawlings, President Emeritus James A. Perkins and trustee Thomas W. Jones listen to speakers at the Perkins Prize ceremonies May 6. Don Balcom, associate director of special gifts, is at left.

**'Also know that blessed are the peacemakers. Look at yourself and be sure you are among the peacemakers.'**

— Roxanne Ryan '98, president  
Festival of Black Gospel

mony and to honor Perkins for his "historic decision" to increase the enrollment of minority students during the tumultuous 1960s. The annual award is intended to be presented to the student, faculty, staff or program making the most significant contribution to furthering the ideal of university community while respecting the values of racial diversity.

At the ceremony, Jones said the prize allows an opportunity "to pause and reflect on some of the positive things that have

happened in the life of this university and the life of this country." And he said it shows, "there is more to celebrate about how far we have come than there is to lament about how far we have to go."

Perkins added: "This prize shows there is a long line of individuals in the past and stringing into the future who will handle difficulties the way a great university should handle such difficulties."

Perkins served as Cornell president from 1963 to 1969. Jones, who was an undergraduate at Cornell during a student takeover of Willard Straight Hall in 1969, is president and chief operating officer of the Teachers Insurance and Annuity Association-College Retirement Equities Fund (TIAA-CREF), the world's largest pension fund.

The Perkins Prize grant is administered by Dean of Students Ford. Winners are selected by a nine-member executive committee of the Student Community Fund, made up of students, faculty and administrators.

## BRIEFS

### ■ Gannett to start co-payment plan:

In order to maintain high-quality health services in the face of rising health care costs nationally, the Gannett Health Center will initiate co-payments for clinician visits and psychological services beginning July 1. Registered students will be charged a \$10 fee for clinician and therapist visits. Nurse evaluations and consultations will continue to be provided to all patients at no charge. During the past several years, the Gannett Health Center budget has been challenged by health-care cost inflation (more than 5 percent per year), the increasing costs of state and federally mandated programs, including Occupational Safety and Health Administration (OSHA) requirements, and the impacts of managed care, said Dr. Janet Corson-Rikert, interim director of Gannett. While university budget support for health services has been adjusted upward to reflect inflation, total revenue has not kept up with expenses, and the center has had to operate with reduced staffing during the past year and a half. Income from co-payments will allow the Health Center to respond to student and staff concerns about wait times and ensure ongoing quality of care by restoring prior staffing levels, Corson-Rikert said.

■ **Day camp registration:** University Summer Day Camp still has openings for children entering grades 1 to 8 this fall. Two-week sessions, June 24 to Aug. 16, run Monday to Friday at Risley Hall on North

Campus. Camp hours are 8:30 a.m. to 4:30 p.m. with additional supervision one hour before and after the camp day. Camp activities involve the entire campus, with each two-week session having a theme. Fees are based on family income. For information and registration materials, call or e-mail the camp office in 130 Day Hall: 254-4386, e-mail: [usdc@cornell.edu](mailto:usdc@cornell.edu).

■ **Operating status:** Cornell departments are working to provide the Cornell community with up-to-date information and instructions when inclement weather, special events or circumstances restrict vehicular movement on campus. Information is distributed via a variety of media:

• **University Operating Status Web Page:** Click on the "University Operating Status" on CUINFO home page.

• **Cornell Info Radio:** Located at 530 on the AM radio dial.

• **Electronic Mailing List:** To subscribe, send an e-mail message to [clitproc@cornell.edu](mailto:clitproc@cornell.edu). The body of the message should read: SUBSCRIBE UNIV-CLOSING-L FIRSTNAME LASTNAME (use your own first name and last name).

• **Audix Bulletin Boards:** Each will be up by the end of June:

Inclement Weather Phone: 255-3377; Ithaca Tompkins Transit Center: 254-6790; Chemung/Schuyler County Transit: 254-6791; Shortline Bus Lines: 254-6792; Tioga County Public Transit: 254-6793; Transportation Services: 254-6794.

### Housing *continued from page 1*

specific programs directions or actions. Rawlings will inform the board that there has been considerable debate within the campus community over the proposal to restrict the option available to freshmen to live in program houses and to a proposed moratorium on new program houses.

In addition, as a result of the discussions with concerned students, faculty and staff, Rawlings indicated that the administration will engage the whole campus community, including representatives of program houses, beginning next fall, in the planning process and design of the implementation plan for the new residential communities policy.

The administration told concerned students on May 3, in a discussion that helped end a hunger strike by some students, that "the planning process will be designed to ensure extensive consultation prior to the development and implementation of program decisions arising from the Residential Communities Policy Statement."

Further, the administration noted that, "In the event that a Program House Council is created which is broadly representative of all existing program houses, the administration will consult that council on matters that arise in this planning process directly affecting the program houses."

The proposed new policy reaffirms Rawlings' vision of creating a residential policy for Cornell that "seeks to provide its undergraduates with a broad exposure to the university and particularly to the intellectual life of the campus . . . that will be seen as a model for linking the academic and non-academic lives of students into a cohesive whole."



## Six at Cornell win SUNY Chancellor's Awards for Excellence

Six staff and faculty members in Cornell's statutory colleges are among 194 classroom teachers, librarians and professional service staff in the State University of New York system who have been cited for excellence in the performance of their duties and named winners of Chancellor's Awards for Excellence.

SUNY Chancellor Thomas A. Bartlett recently announced the names of the winners from 59 SUNY-affiliated campuses, commending the recipients for dedication and contributions to their fields. The awards program was created 26 years ago to honor distinguished performance

within the state university system. The SUNY Advisory Committee on Awards makes recommendations and reviews the nominations submitted by campus presidents throughout the 64-campus system.

Each recipient will receive an inscribed certificate and a cast bronze medallion. Here are the award winners from Cornell for 1996:

• **Alan Mathios**, associate professor of consumer economics and housing in the College of Human Ecology and former economist at the Federal Trade Commission, has won a Chancellor's Award for Excellence in Teaching.

Mathios, who came to Cornell in 1992, teaches courses on the economics of consumer law and on consumer information and government regulation. He also serves as the undergraduate advising coordinator for the consumer economics and housing major and the policy analysis major in the college.

• **Brenda Bricker** won a Chancellor's Award for Excellence in Professional Service. She came to Cornell in 1970 and has been director of admissions in the College of Human Ecology since 1979. While at the helm, applica-

*Continued on page 4*

## Cornell Tradition Fellows aid human services

By Darryl Geddes

Six Ithaca-area human services agencies are benefiting from the philanthropic spirit of Cornell students.

AIDS Work of Tompkins County, EcoVillage, the Displaced Homemakers Center, the Ithaca Youth Bureau, the Greater Ithaca Activities Center (GIAC) and The Partnership, a student-run organization, are receiving \$13,750 in financial support from Cornell Tradition Fellows.

Each year a handful of Cornell Tradition Fellows are honored for their community service with a \$2,500 Senior Recognition Award, which is then donated to either a non-profit agency or used to establish a one-year fellowship at Cornell. This year, several awardees have chosen to support Ithaca-area human services agencies.

Jaime Luis Torres of Central Islip, N.Y., who graduates in December with a degree in biology, split his award between the Youth Bureau's One-to-One program and GIAC's Esperanza program for Latino youth.

"Up until now, I've given them my time," Torres said. "This award makes it possible to support these organizations in another way. It makes me feel good to be able to offer them some financial support."

Torres said his philanthropic spirit was fostered during his youth when his parents often gave to others when it meant going without for themselves. "My parents were always there for someone who was in need," he said.

Tracy Elizabeth Connor of Endwell, N.Y., contributed her award to the Displaced Homemakers Center Scholarship Fund.

"I decided to support this cause because there is such a need for funding for education, especially in light of recent federal and state cutbacks," said Connor, who volunteers about 15 hours a week for the Displaced Homemakers Center.

Sandra Hill of Displaced Homemakers Center said Connor's beneficence makes it possible for the center to continue helping women gain economic independence. "This fund helps with transportation, child care costs and some household expenses, so a woman can have the opportunity to get an education or enter the job market to assist in her desire to be self-sufficient," she said.

"It's all about instilling that philanthropic spirit at Cornell," said Janiece Bacon Oblak, director of Cornell Tradition, which this year awarded \$27,500 to students who, in turn, directed the money to the human services community. Since the Senior



Robert Barker/University Photography

**This year's Cornell Tradition Fellows are, from left to right, bottom row: Stephanie Cockerl, Albert Nguyen, Katherine Alexander; second row: Jenée Chizick, Tracy Connor; third row: Jaime Torres, Katrina James, Aileen Garipey, Neil Giacobbi; and fourth row: Troy Gras, Jessica Cattellino.**

Recognition Award program began in 1989, Cornell students have supported human services agencies and fellow students to the tune of \$195,000.

The 1996 Cornell Tradition Senior Recognition Award winners, their majors and their designated award recipients are:

• **Katherine Alexander** of Lake Stevens, Wash.; communication; EcoVillage and Green Corps.

• **Jessica Rose Cattellino** of Saxon, Wis.; college scholar; Theatre North (Ironwood, Mich.).

• **Jenée Chizick** of Lyndonville, N.Y.; ecology; American Field Service.

• **Stephanie Marie Cockerl**, Brooklyn, N.Y.; architecture; fellowship for a Cornell student majoring in architecture.

• **Tracy Elizabeth Connor** of Endwell, N.Y.; psychology; Displaced

Homemakers Center Scholarship Fund.

• **Aileen Maray Garipey** of Scranton, Pa.; biology and society; a fellowship, named for her mother, for a Cornell student working in the field of education.

• **Neil Giacobbi** of Syracuse; industrial and labor relations; The Partnership.

• **Troy W. Gras** of Victoria, Texas; materials science and engineering; a fellowship for a Texas resident who is a non-traditional Cornell student.

• **Katrina James** of Carteret, N.J.; human service studies; fellowship for an African-American Cornell student majoring in human service studies.

• **Albert Nguyen** of Buffalo; biology and society; AIDS Work of Tompkins County and Youth Positive.

• **Jaime Luis Torres II** of Central Islip, N.Y.; biology; Ithaca Youth Bureau and the Greater Ithaca Activities Center.

## Dr. Maria New wins election to science academy

By Larry Bernard

Dr. Maria I. New, the Harold and Percy Uris Professor of Pediatric Endocrinology and Metabolism and chair of the Department of Pediatrics at the Cornell University Medical College, and Pediatrician-in-Chief at The New York Hospital, has been elected to the National Academy of Sciences (NAS).

New was among 60 new members elected on April 30 to the NAS, one of the nation's highest scientific honors.

New earned a B.A. from Cornell and an M.D. from the

University of Pennsylvania School of Medicine. Her house staff training and postgraduate work has been at Cornell. She has been chair of the Department of Pediatrics since 1980. Her research has centered on the genetics of steroid metabolism and hormonal hypertension.

Former president of The Endocrine Society and a member of the New York State Task Force on Life and the Law, New has edited or co-edited 12 medical textbooks and is co-author of *The Disney Encyclopedia of Baby and Child Care* (Hyperion, 1995).

She has written or co-written almost 500 research papers and currently is editor in chief of the *Journal of Clinical Endocrinology and Metabolism*.

New is a member of the National Institutes of Health's National Advisory Research Resources Council, the U.S. Food and Drug Administration's Endocrine and Metabolic Drug Advisory Committee, the Society for Pediatric Research, the American Pediatric Society and the Association of American Physicians.

She has received numerous honors, including the Robert H. Williams Distinguished Leadership Award, the Rhone-Poulenc Rorer Clinical Investigator Award from the American Endocrine Society, the University of Pennsylvania Distinguished Graduate Award and the 1996 Dale Medal, the highest award given by the British Endocrine Society.



**Dr. Maria New, chair of the Department of Pediatrics at Cornell Medical College, talks with a patient.**

## Students will donate clothing to area agencies aiding poor, homeless

Before they leave campus later this month, Cornell students are expected to donate about 15,000 items of clothing to several local community agencies. That's more than one article of clothing for each undergraduate student, said Connie Fuess, one of the organizers of the annual clothing drive.

Fuess, resident community coordinator at Cornell's Ecology House, says specially marked collection boxes have been placed in the lobbies of residence halls, the Big Red Barn, Willard Straight Hall, Noyes Community Cen-

ter, Robert Purcell Community Center and Humphreys Service Building through May 18.

Donations also can be left on the front steps at Ecology House, a residence hall dedicated to environmental education and awareness. Ecology House is located off Triphammer Road in the Village of Cayuga Heights.

"Each year, we collect used and new clothing, including some that still has price tags," Fuess said. "We also receive small appliances, games and stuffed animals that we share with groups helping the homeless and other

less fortunate people in Tompkins County."

Ecology House is still selecting the local agencies that will receive this year's donated items, she added.

Donations are being sought from Cornell faculty, staff and students, and the drive is being sponsored by Ecology House in cooperation with the university's Office of Campus Life and volunteers from the Ithaca Rotary Club.

For more information, call Amber O'Reilly, chair of the clothing recovery drive, at 253-1283.



# Rawlings reviews discussions on proposed residential housing policy

Cornell President Hunter Rawlings on May 2 issued the following statement on the discussion that has taken place over the last six weeks in reference to his draft recommendations to the Board of Trustees concerning campus residential communities:

Over the last six weeks our campus has had a spirited discussion of my recommendations to the Board of Trustees that Cornell adopt a comprehensive policy concerning the formation and maintenance of residential communities. This policy would apply to all forms of campus housing, including traditional dormitories, program houses, cooperatives, fraternities and sororities.

This discussion has involved many groups and individual participants—including faculty participating in the faculty-in-residence and faculty fellows programs, faculty engaged in our several ethnic studies academic programs, the professional staff of the Department of Campus Life and its many resident assistants and program assistants, the director of the Office of Minority Affairs, present and former residents of program houses and other students, chaplains, student services professionals, student leaders in the Student Assembly and our student-elected members of the Board of Trustees, and interested alumni, parents, and members of the local community.

In general, this discussion has been carried on with civility and a sense of common purpose.

I am pleased by the support for the fundamental goal and basic principles that lie at the heart of our proposed policy. Widespread agreement has been given to the recommendations that we should extend the university's guarantee of available on-campus housing to those sophomores and incoming transfer students who wish to utilize it, as well as to incoming freshmen; to the strengthening and augmentation of our faculty's involvement in undergraduate residential programs; to the encouragement of more upper-division students living on campus, particularly on west campus; and to the central goal that all our residential communities should contribute



Charles Harrington/University Photography

During a May 2 rally in Ho Plaza in front of Willard Straight Hall, President Hunter Rawlings, right, talks with students, including Jigyasa Chander '99, left. Henrik Dullea, center, vice president for university relations, looks on.

to an intellectually engaged and socially responsible campus environment.

There has certainly been focused disagreement on one of my recommendations in the original draft, which suggests that residency in our program houses should not be an option available for freshmen. I believe that there is much to be said for insuring that all freshmen have shared experiences that expose them to the breadth of intellectual, social and cultural opportunities at Cornell. However, many members of the community have argued that this objective is compatible with permitting freshmen the choice to live all or part of their first year in one of our ten program houses. In my judgment, this is clearly a subject that lends itself to further analysis and dialogue, and I commit the administration to fostering this process in the year ahead.

As I have said repeatedly over the last

several days to students and others concerned with the issue of freshmen in program houses, the document that we will forward to the Board of Trustees will be limited to the goal and basic principles for residential communities at Cornell that have received broad endorsement on campus over the recent months.

This document does not include the specific program direction that I outlined in the original draft concerning freshmen in program houses. That subject, along with many others—such as the desirable form of new construction, the type of renovations required to improve our existing residential space, the impact of housing options on student recruitment and retention, and the pricing policies affecting student choice—will be reviewed next year by task groups comprising faculty, staff and students from across the campus, including members of

**'I remain encouraged that the Cornell community has the capacity to shape its own future with intelligence, creativity and mutual respect. . . . Working together, I have no doubt that we will be equal to the task.'**

the Student Assembly, Faculty Senate, and individuals drawn from and by the communities directly affected by the residential plan. With the leadership of a steering committee, these task groups will examine these questions and their implementation.

The Board of Trustees has asked that our recommendations be presented at the May meeting, and that will be done. Action on the basic policy is required now if we are to begin the necessary preparatory work for informed discussion and program development in the year ahead.

I regret that some of our students have chosen to continue a hunger strike at this important time of the academic year. We have listened carefully to their objections to the original draft of the administration's proposal and have made substantial modifications as a result. I again ask these students to end their protest, which at this point can only be self-destructive, and work with the administration in a constructive dialogue throughout the coming year.

I remain encouraged that the Cornell community has the capacity to shape its own future with intelligence, creativity and mutual respect. We must not allow ourselves to be immobilized, either by the pressure of external forces or by the restrictions of past decisions. Working together, I have no doubt that we will be equal to the task.

The text of the document that will be presented to the Board of Trustees at its May meeting is available at <http://www.sas.cornell.edu/rescomm/policy.html>.

## Faculty elected to AAAS *continued from page 1*

He has served on the editorial boards of *The Philosophical Forum*, *Philosophy Research Archives* and *Philosophical Studies* and has been a co-editor of *The Philosophical Review* and general editor of *Cambridge Studies in Philosophy*. He is a former chair of Cornell's Philosophy Department and president of the Eastern Division of the American Philosophical Association.

### Michael L. Shuler

Shuler, who has a joint appointment in the Institute of Food Science and also serves as director of the Bioengineering Program, has been at Cornell since 1974.

A member of the National Academy of Engineering, he earned a B.S. from the University of Notre Dame (1969) and a Ph.D. from the University of Minnesota (1973). In 1978 he won the Excellence in Engineering Teaching Award from Cornell. He became a full professor in 1984 and in 1992 was named to an endowed professorship.

Shuler is inventor of five patents held by the Cornell Research Foundation. He is author, co-author or editor of

five books, most recently, *Baculovirus Expression Systems and Biopesticides* (Wiley-Liss, 1995).

Among his other honors are: the American Institute of Chemical Engineering's Food, Pharmaceutical and Bioengineering Division Award in 1989; and the group's Professional Progress Award for Outstanding Progress in Chemical Engineering in 1991.

### Saul A. Teukolsky

Teukolsky, an astrophysicist, has been at Cornell since 1974. He earned undergraduate degrees in physics and applied mathematics from the University of the Witwatersrand, Johannesburg, in 1970 and a doctorate in theoretical physics from the California Institute of Technology in 1973.

Teukolsky's research interests include general relativity, relativistic astrophysics and computational physics. His earliest work led to the development of the "Teukolsky equation," which describes how a black hole interacts with surrounding objects. His subsequent research has included the physics of pulsars and supernova explosions, properties

of rapidly rotating neutron stars, stellar dynamics and planets around pulsars.

One of his current projects uses the supercomputing resources of the Cornell Theory Center to study colliding black holes. He is among a group of scientists investigating the use of high-performance computing to solve Einstein's equations of general relativity. This collaboration, known as the Binary Black Hole Alliance, was formed through a Grand Challenge grant from the National Science Foundation.

The goal of the collaboration is to solve Einstein's equations by computer, and to predict the gravitational waves that would be emitted by two orbiting black holes that spiral together and coalesce. Such a wave will likely be among the first signals detectable when the Laser Interferometer Gravitational Wave Observatory is in operation in the year 2000.

Teukolsky is the co-author of several widely used textbooks. He has held a Sloan Foundation Fellowship and a Guggenheim Fellowship. Among his other honors is the Forefronts of Large-Scale Computation Award and first place in the IBM Supercomputing Competition in 1991.

## Chancellor's Awards *continued from page 3*

tions to the college have doubled, and the diversity and academic qualifications of the classes have become much greater. In 1995-96, the college enrolled 400 students from 1,764 applications.

• **George W. Hudler**, associate professor of plant pathology in the College of Agriculture and Life Sciences, has won a Chancellor's Award for Excellence in Teaching. He created a course, "Magical Mushrooms, Mischievous Molds," to expose students to the diversity of microorganisms that interact with plants. He makes the subject matter come alive to students as he leads them to recognize how microorganisms have impacted social and political structure throughout the course of history. The course has the distinction of having been featured in *Rolling Stone* magazine.

• **George J. Conneman**, professor emeritus of agricultural, resource and managerial economics in the College of Agriculture and Life Sciences, has won a Chancellor's Award for Excellence in Teaching. He stresses cooperative learning

among students by creating teams to work on class projects and by using role-playing activities in class. He won the award based on his special way of taking complex principles and linking them with real-world situations. From 1981 to 1994, he served as associate dean of academic programs. He also developed faculty and teaching assistantship workshops, and he initiated the Thornfield Experience, an annual faculty teaching development retreat.

• **Janet A. McCue**, head of the Technical Services Division of the Albert R. Mann Library, has won a Chancellor's Award for Excellence in Librarianship, because she has helped lead the College of Agriculture and Life Science's library to the forefront of technology. She has changed processing from manual to computerized operations, decreasing processing time dramatically. She created a list of new books on the World Wide Web, which was one of the first of its kind, receiving local and national attention from other librarians who

wanted to initiate similar lists at their institutions. Last year she was recognized nationally as one of the pioneers who developed technical services workstations, where dictionaries, thesauri and handbooks are available in electronic form at the desktop.

• **Richard A. Church**, director of alumni affairs for the College of Agriculture and Life Sciences and a recipient of a Chancellor's Award for Excellence in Professional Service, has impacted Cornell by directing two offices in the college during his career. For many years, he directed the admission of undergraduate students into the college, and each year, the college has been able to boast that about 80 to 85 percent of its incoming students were in the top 10 percent of their high school classes, academically. He now directs the college's Office of Alumni Affairs. He coordinates many functions for alumni, including the recent development of workshops to promote life-long learning.





Adriana Rovers/University Photography

Stanford psychologist Claude Steele delivers the Flemma Kittrell Lecture in Uris Auditorium April 29.

## Steele examines academic stereotypes

By Dennis Shin '96

According to Claude Steele, socialized stereotypes pose a "predicament" in academics for minorities. The Stanford psychologist provided explanations for group differences in achievement patterns while delivering the 1995-1996 Flemma Kittrell Lecture April 29 in Uris Auditorium.

Titled "A Burden of Suspicion: How Stereotypes Shape the Intellectual Identities and Performance of Women and African Americans," Steele's lecture highlighted results from his recent research on the academic performance of women in mathematics and African Americans in general studies.

According to Steele, his experiments reveal that the structure of negative stereotypes within American society effectively undermines the self-identification process of such groups as women and African Americans.

"In order to do well in school and to sustain success in school, one needs to take on a personal identification that harnesses emotion, motivation and self-regulation," Steele said.

Stereotypes obstruct healthy identity formation, in Steele's opinion. As a result, he argued, students who are prejudged and categorized unfairly develop a negative self-regard that limits their intellectual ability.

"Stereotype threats become relevant in any instance when one might be perceived and treated stereotypically," he explained. "Merely being apprehensive about confirming stereotypes will make you the target end of them."

Adding that a student doesn't have to believe in a stereotype to be affected by it, Steele mentioned that everybody is a member of some group or another that is negatively stereotyped.

In the case of women, his experiments showed that when given a challenging math test, women scored about four times lower than men. According to Steele, he designed the exam to elicit frustration and, therefore, activate a stereotype about gender differences in math ability.

"Women, when they take a difficult math test, have a special burden in the room with them – and that is the negative stereotype," Steele said.

When assured that the test would not show gender differences, however, women performed just as well as men. Steele believes this resulted because they were not at risk of confirming the stereotype threat.

The experience of African Americans proves more complex to Steele, because he claims, while women are free of negative stereotypes in such fields as literature, black students are typecast as poor achievers in general.

He proposed that the pressure of social stereotypes

**'In order to do well in school and to sustain success in school, one needs to take on a personal identification that harnesses emotion, motivation and self-regulation.'**

— Claude Steele

partially explains why blacks suffer a 30 percent higher college drop-out rate than the national average. In a study of Stanford University students, Steele noted that when given a test that measures "diagnostic ability," blacks tended to underperform. On the other hand, when given a test that measures "general problem-solving," black students were on par with their white counterparts.

"These are not internalized self-doubts," he pointed out. "They are strategic adaptations to situations."

Steele also noted that the experiment showed the blood pressure of black students was higher than white students when taking the test. He asserted that this is because black students are working under higher levels of stress due to the threat of negative stereotypes.

"If there is one thing I want to do," said Steele, "it is to change the impression of what minority and women students are like."

As a partial remedy to the problem of skewed performance levels, Steele proposed reforming the education system.

"For schooling to be effective with our heterogeneous populations, we have to have a more flexible approach to disarm negative stereotypes," he said.

Among his suggestions, Steele advocated eliminating remediation classes because he believes the stigma attached to such classes reaffirms negative stereotypes.

"I agree that stereotypes are implicit in everyone's subconscious," said Jarvis Sulzer '97, a Ph.D. student in nuclear science engineering. "It was interesting how he showed that they have a powerful influence on how you perform, whether you're black, white, male or female."

The annual Flemma Kittrell Lecture, established in 1991, is named for the woman who in 1936, at Cornell, became the first African American in the United States to receive a Ph.D. in home economics. Kittrell later taught at Howard and Hampton universities. An expert in nutrition, child development and consumer behavior and education, she directed a U.S. State Department nutrition survey in Liberia and organized a College of Home Economics at Baroda University, India.

## 4 Cornellians win Mellon Fellowships for the humanities

By Jill Goetz

The Mellon Fellowship in Humanistic Studies has been awarded to three Cornell seniors and one recent graduate.

The recipients of the prestigious award, which includes a \$13,500 stipend and covers a year of graduate school tuition and related fees, are seniors Eric Chwang, a philosophy major, who will pursue graduate study in philosophy at Princeton University; Jon Miller, a double major in religious studies and Asian studies, who will study Buddhism at Yale University; Rosamond King of Potomac, Md., a double major in the College Scholar Program and in English, who will study comparative literature at New York University; and Paige Shipman '94 of Westerville, Ohio, who will study history at the University of Wisconsin at Madison.

Chwang has been named to the College of Arts and Sciences Dean's List for each of his eight semesters at Cornell. He is a member of the Golden Key, Phi Kappa Phi and Phi Beta Kappa national honor societies.

Miller's Cornell activities have included presenting a paper titled "Romancing the Mountain: Nostalgia and the Exotic in Contemporary Kunisaki" at the New York Regional Conference on Asian Studies at the State University of New York at Buffalo. He is member of the Golden Key National Honor Society.

King has written for the *Cornell Daily Sun* and has served as director of the Uhuru Kuumba Dance Ensemble. A former Telluride Scholar, she has served as a communication intern with the International Red Cross.

At Cornell, Shipman's activities included serving as a team leader for Wilderness Reflections, an annual outdoors program for incoming freshmen. She also studied in Asia while enrolled at the university.

Ninety-five Mellon Fellowships were awarded from more than 900 applicants for the 1996-97 academic year in a range of fields, from anthropology to Spanish literature. The awards are funded by the Andrew W. Mellon Foundation and were announced on April 12 by the Woodrow Wilson National Fellowship Foundation, which is based in Princeton, N.J. Ten Cornellians applied for this year's Mellon Fellowships, and five were interviewed.

More than 1,400 Mellon Fellowships have been awarded over the past 14 years to college seniors and recent graduates of outstanding promise, with the goal of encouraging and assisting them in joining the humanities faculties of America's colleges and universities.

## Cornell Political Forum wins publication award

*Cornell Political Forum*, a non-partisan political magazine published by undergraduate students, has received a national award from the Columbia Scholastic Press Association.

In a competition of 224 college magazines, *Cornell Political Forum* was one of six publications awarded a Silver Crown, which placed it among the top 11 (or top 5 percent) student publications nationally. The award was for work published in the 1994-95 academic year.

Members of the *Forum*'s editorial board during 1994-95 were Robert Cunjak, editor in chief; Carrie Coberly, managing editor; Bridget Fitzpatrick and Brian Finch, assistant editors; Alice Goh and Catherine Biondo, layout editors; Lanhee Chai, business manager; Peter Michalik, global network coordinator; and Stephen Smith, graduate adviser.

This is the first time that the *Forum* has received a Silver Crown from Columbia Scholastic Press. The publication was awarded the association's Gold Crown Award twice, for the 1989-90 and 1991-92 academic years.

In addition to publishing a magazine with contributions from college students across the country twice each semester, *Cornell Political Forum* sponsors yearly debates on important issues. Most recently, it organized a Civil Rights Symposium in which a panel of professors discussed affirmative action. The *Forum* is distributed on the campuses of Duke, Georgetown, Harvard and Stanford universities, King's and University colleges in London, SUNY-Geneseo and Wellesley College.

*Cornell Political Forum* receives financial support from the Cornell Student Assembly Finance Commission, the Einaudi Center for International Studies, the Office of the Vice President for Student and Academic Services, the Adelpic Cornell Educational Fund, and Knight Kiplinger and the Kiplinger Foundation.

The Columbia Scholastic Press Association has been owned and operated by Columbia University since 1925 and functions as an educational press organization providing services to student newspapers, magazines and yearbooks in schools and colleges.



## Visiting professor commemorates centennial of an Ethiopian battle

By Lerato Nomvuyo Mzamane

One of the largest battles of the 19th century has its centennial this year. The Battle of Adwa, which pitted Ethiopian against Italian forces, was fought on March 1, 1896, in what is today the town of Adwa in Ethiopia's northern Tigray province.

As part of the anniversary's international observation, Ayele Bekerie, visiting professor at the Africana Studies and Research Center, and fellow academics and writers from Africa, North America and Europe have collaborated on a book titled *One House: The Battle of Adwa 1896 - 100 Years* (Nyala Publishers, Chicago). The book tells its story by combining historical accounts with fiction, poetry, essays and art work, from the turn of the century to this year.

Commemorations of the Battle of Adwa are being held in many parts of the world throughout the year, and Bekerie has worked with the Africana Center's assistant librarian, Ayodele Ngozi-Brown, to create a display on the battle in the center's Clarke Library.

The battle was fought in the wake of a wave of European imperialism in Africa in the late 19th century, after various Western nations divided the African continent among themselves at the now infamous Berlin Conference. The reasons for the battle are complex, but the immediate impetus was a collective effort among Africans to prevent Italy from invading Ethiopia.

The perspectives in the book reveal not only the complex culture of the ancient Ethiopian kingdom, but also the range of people influenced by the battle and its impact on the African psyche of today. Adwa blunted the so-called "Scramble for Africa" and inspired freedom movements in America, Africa and the Caribbean, the authors point out. And in Europe, the defeat of well-equipped Italian soldiers became an embarrassment leading to what contemporary observers termed an "international humiliation." The defeat also led to proclamations in the West that Ethiopians were in fact "white," and many historians argue that Mussolini's invasion of Ethiopia in 1935 was a reaction to the humiliating defeat at Adwa 39 years earlier.

But for Bekerie, an Ethiopian, Adwa's lessons and legacy have special resonance.

When Bekerie completed his bachelor's degree in plant science at Haile Sellassie University in Ethiopia two decades ago, his family and community were enthralled, he said. The eldest of seven children, he was the first person in his neighborhood in Addis Ababa to successfully compete in the country's intense college admission procedures. For his parents, who had raised their children in poverty, his accomplishment was even sweeter.

"It was literally a life mission for them to make sure we got educated, sometimes at the expense of meals," Bekerie said.

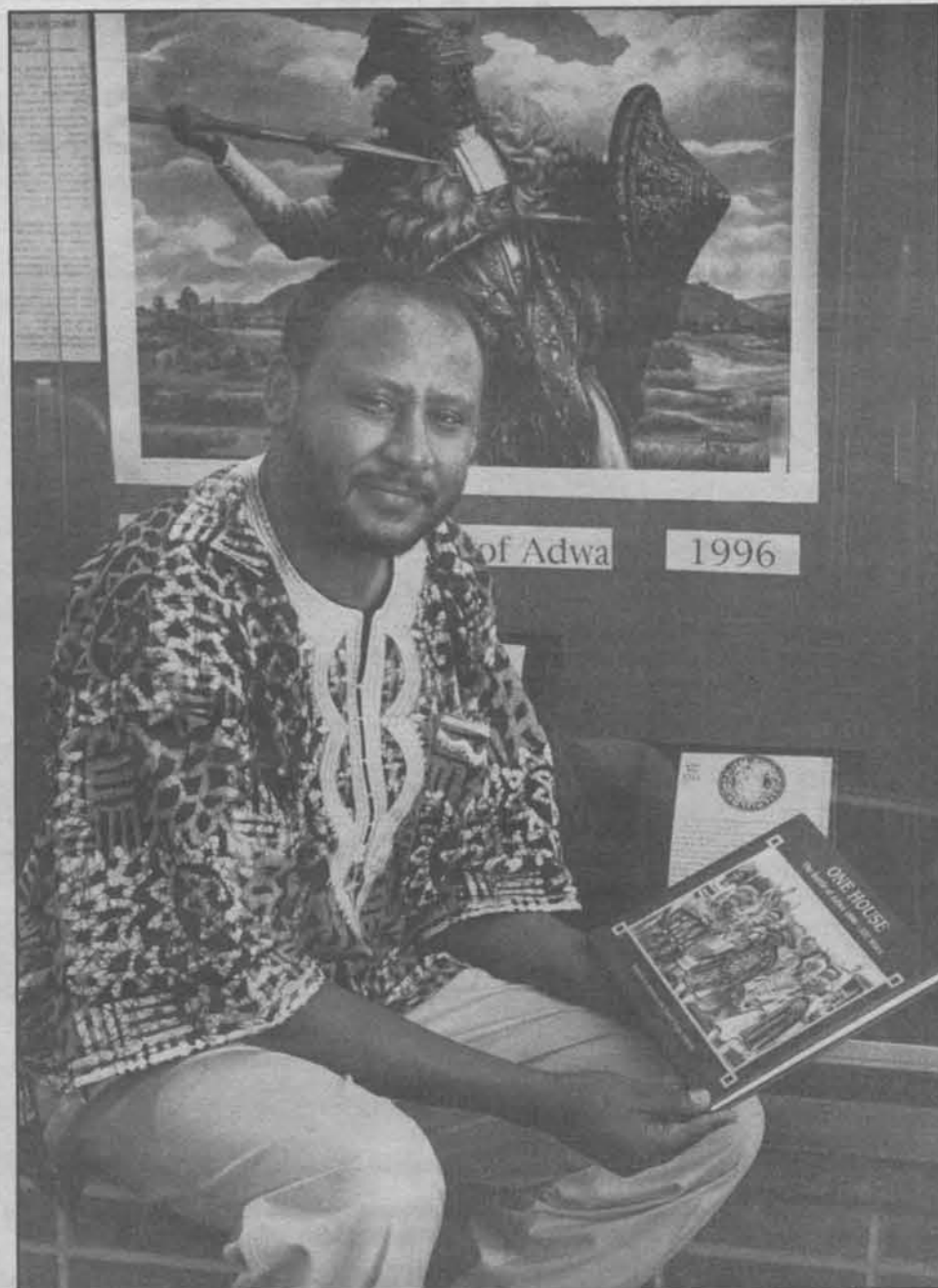
Today, despite various challenges, he continues to support his family back home. And, in 1993, he was able to return to Ethiopia after almost 18 years of being in the United States.

"I was so happy to see my mother, brother and sisters," Bekerie said. "While I was there, two of my sisters got married and we had a big wedding."

In 1976, a United Nations Fellowship brought Bekerie to Cornell's Department of Agronomy for a master's degree. Upon its completion, he worked as a research support specialist here and later as an instructor at various colleges, always focusing on Ethiopia. Later he decided he needed to broaden the scope of his studies in order to maintain that focus.

"I began to realize there were lots of pieces missing," he said. He credits faculty members at the Africana Center, including James Turner, Abdul Nanji and the late Congress Mbatha, for their encouragement while he made the shift from agronomist to historian. But Bekerie insists the shift merely reflected his holistic educational upbringing, which emphasized a non-fragmented approach to study. He returned to Cornell for his master's in professional studies, and later, his doctoral work which centered on Ge'ez, a classical African writing system.

Today, Bekerie is an assistant professor of African American studies at Temple University, where he is also the founder and director of the Institute for the Preservation, Reclamation and Promotion of Ancient African Artifacts and Manuscripts. That insti-



Ayele Bekerie, visiting professor at the Africana Studies and Research Center, poses with the book *One House: The Battle of Adwa 1896 - 100 Years* in front of a display on the Battle of Adwa in the John Henrik Clarke Library.

tute provides information and support for the fundamental rights of Africans to own their cultural and historical data, much of which was brought out of the continent during periods of Western colonial invasion and plunder. As a visiting professor at Cornell, his lectures and informal talks on the subject have generated much interest. In the fall, he will teach courses on "African

History: Early Times to 1800" and "Afrocentricity," and he will be on campus through the fall semester.

*One House: The Battle of Adwa 1896 - 100 Years* can be ordered from its publishers by telephone at (312) 883-9818, or by e-mail at <nyalapub@aol.com>. The book also has a World Wide Web site at <http://www.tyrell.net/~jomodzn/cr-nyala.html>.

## 'Fabric/Flight Connection' video will be part of a Smithsonian exhibit

By Susan Lang

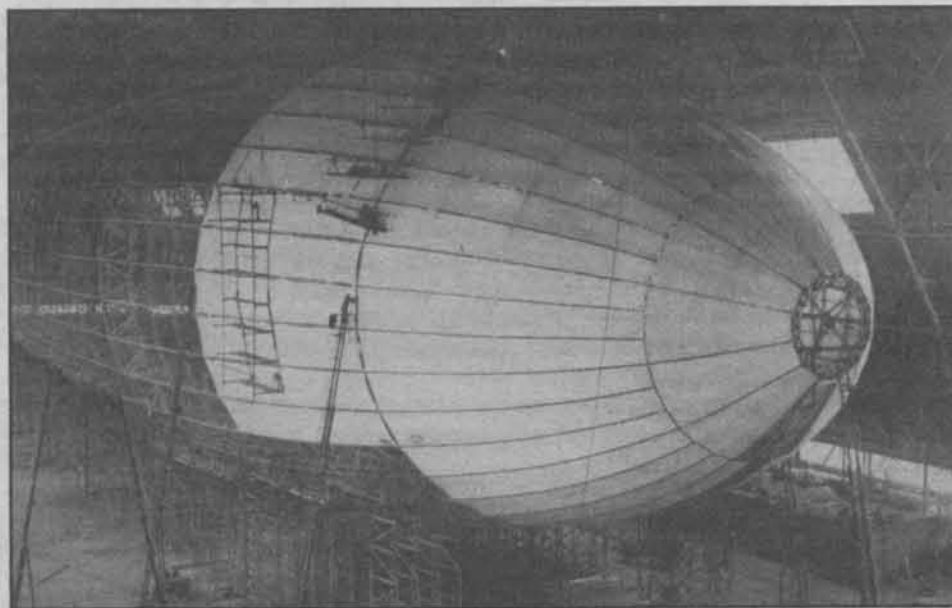
Fabrics have always been an integral part of flight, according to a Cornell video. And now, this connection will become an integral part of a new Smithsonian Institution exhibit in the new gallery, How Things Fly, in the National Air and Space Museum in Washington, D.C.

The video, *The Fabric/Flight Connection*, will be shown regularly for at least 10 years in a mini-theater of the National Air and Space Museum starting Sept. 20 when the gallery opens. The video focuses on advanced fiber science concepts as viewed through the dynamic world of aeronautics.

From ancient kites in China and balloons and blimps to the first powered airplane in 1903 built by the Wright brothers and modern aircraft, textiles have played a crucial role, says Nancy Breen, who researched and wrote the video's script. As a textile educator in the Department of Textiles and Apparel in Cornell's College of Human Ecology, Breen collected stories of kites launched 2,000 years ago, two strands of cotton from the Wright brothers' famous airplane, The Flyer, and film clips of the 1986 around-the-world, non-stop, no-refueling flight of the Voyager craft, among scores of other images, for the 30-minute educational videotape on the role of textile materials in historic, contemporary and future aviation.

In researching the video, Breen became the first researcher to identify the type of fiber the Wright brothers used for their landmark flight: cotton.

"Everyone knows how fabrics and tex-



A still from the video *The Fabric/Flight Connection* shows one of the great zeppelins of the 1920s and 1930s, which were covered with woven cotton.

tiles are used in clothing and interiors, but many people don't realize how versatile, complex and practical textiles are in industrial and aviation purposes," Breen said.

To go with the video, *The Fabric/Flight Connection Handbook*, written by Cornell textile educator Charlotte Coffman, provides hands-on activities that encourage young people to discover how objects move through the air, to identify the important properties of aviation materials and to understand design features of aircraft and aviator clothing. Projects vary in difficulty for children from 5 to 18 years of age. It will be

available in the fall.

Fabrics are flexible and lightweight yet strong and durable, which historically made them ideal for early aircraft. The next generation of materials in aviation and industry are composites, composed of fibers that reinforce a material, such as plastic. Composite materials are used in a multitude of products, such as boats, automobiles, bulletproof vests, tennis racquets and aircraft.

Breen conducted much of her research for the video at the National Air and Space Museum, the Glenn Curtiss Museum in Hammondsport and the National

Aeronautics and Space Administration, Greenbelt, Md.

The first 15-minute segment focuses on highlights of the historical use of textiles in aviation and includes information and images of kites, balloons, blimps, hang gliders, aerobatic airplanes, a stunt plane on which a saxophone player performs while standing on a wing during flight, Count von Zeppelin's airships, the Wright brothers, the Spirit of St. Louis, and contemporary civilian and military aircraft such as the U.S. Air Force Thunderbirds.

The second 15-minute segment discusses composite materials, polymer science and aviation-related careers in fiber science and industrial textiles.

With a Ph.D. in education and a master's degree in textiles, both from Syracuse University, Breen designed her videotape for junior and senior high school classes in science, technology and home economics; 4-H clubs; and college and adult audiences. Her first video, *Championship Material*, for which she is seeking funding to update, focused on fabrics used in the uniforms of legendary and modern athletes that illustrate the fiber science principles of stretch, absorbency, strength and wrinkle resistance.

*The Fabric/Flight Connection* is available for purchase for \$24.95 or \$20 for rental, including shipping and handling, from the Cornell University Resource Center, 7BTP, Ithaca, N.Y. 14850, or from Cornell Cooperative Extension offices throughout New York. The project was partially funded by the American Fiber Manufacturers Association Inc.



# CORNELL RESEARCH

## Researchers give a green light to new sealants for gas pipe joints

By Susan Lang

The gas industry now can save up to 50 to 70 percent of its cost repairing iron pipe joints with a new durable, safer and faster technology than the conventional ones, thanks to an extensive evaluation by Cornell researchers.

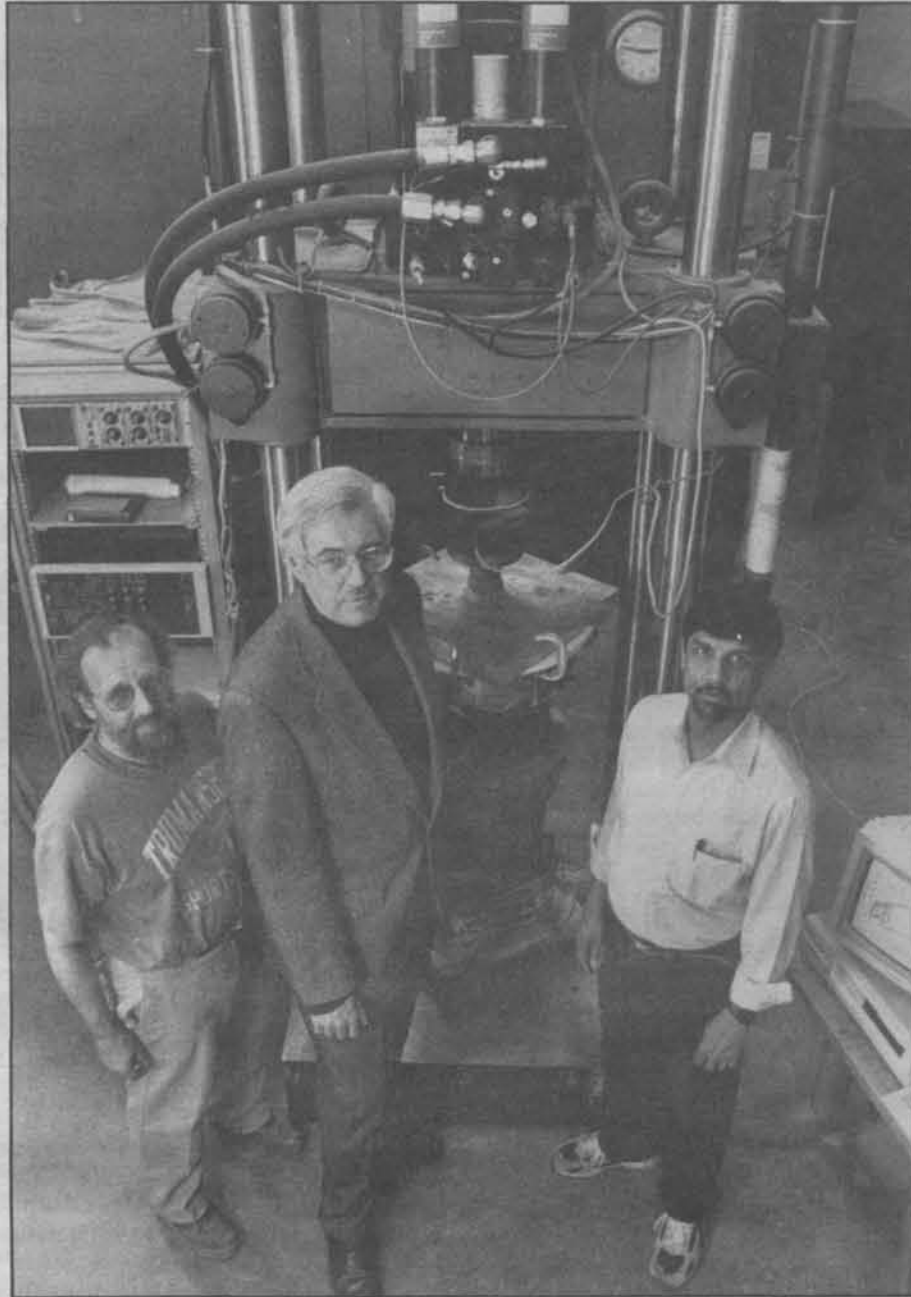
After a two-year comprehensive study of anaerobic methacrylate sealants by two Cornell experts, the gas industry can be assured that the new technology can be adopted on a widespread basis.

The anaerobic sealant technology, developed about 10 years ago, has been used in Great Britain, but American gas officials were worried that the new sealants would not hold up as long as conventional methods, especially under North American conditions. They also wanted to understand how these sealants work so that better and more durable sealants can be developed in the future. To test the technology, a joint panel of gas industry officials turned to Anil Netravali, a fiber and polymer scientist and associate professor of textiles and apparel, and Thomas D. O'Rourke, a geotechnical engineer and professor of civil and environmental engineering.

"Our analysis determined that the new technique of injecting anaerobic sealants is, indeed, an effective and reliable method for repairing leaks in the cast iron joints of gas distribution piping and can stand up to environmental stresses, such as heavy traffic, weather and aging, for up to 50 years," said Netravali, who teaches courses in the physical properties of fiber-forming polymers and fibers in Cornell's College of Human Ecology.

The researchers' conclusions also open the door for the industry to combine these sealants with a much less disruptive and safer method of exposing joints using keyhole and vacuum excavation technology, says O'Rourke, a member of the Geotechnical Engineering Group at the School of Civil and Environmental Engineering in the College of Engineering. He teaches courses in geoenvironmental engineering, earth support systems and rock mechanics, and he studies earthquake engineering, ground failures, lifeline systems, infrastructure rehabilitation and underground construction technologies.

The conventional encapsulation method to repair leaks typically involves



Adriana Rovers/University Photography  
From left to right, Tim Bond, technical service manager at George Winter Lab, poses at the Thurston Hall lab with Thomas D. O'Rourke, professor of civil and environmental engineering, and Anil Netravali, associate professor of textiles and apparel, in front of a huge pipe joint used for testing a new sealant technology.

excavating a large hole to expose the entire joint to give workers plenty of room to sandblast, clean and seal it. Also with encapsulation, the keyhole and vacuum method utilizing anaerobic sealants needs a much smaller hole to expose only about one-third of the joint, no sandblasting and

very little cleaning. Soon, internal robotic devices introduced from a single excavation are expected to enhance this technology by injecting the sealants into joints up to 50 to 60 feet in either direction underground, thereby minimizing excavations and further maximizing the savings.

Netravali and O'Rourke, working with postdoctoral associate Sanyog Pendharkar in the Fiber Science Program in the Department of Textiles and Apparel and graduate students Adam Tonkinson, Debanik Chaudhuri and Selcuk Toprak in civil engineering submitted their 400-page report to the industry early this month.

The researchers interviewed field utility engineers who had worked with the anaerobic sealants; evaluated stresses and deformation of joints to determine how the joints held up under heavy traffic and temperature changes and increased stiffness after sealant injection; conducted mechanical aging tests on joints under simulated field conditions; reviewed the sealant properties and current testing procedures; conducted extensive tests to assess the long- and short-term performance of the sealants; and established criteria for future sealant evaluation and testing procedures.

The new sealant technology involves injecting the methacrylate-based anaerobic compounds in a pipe joint through a small hole. The sealant gets absorbed and transported by the jute packing present in the joint, the researchers said. The jute packing acts as a reservoir for metal ions, available in the form of iron, rust particles and debris that have penetrated the fibers from the pipe surfaces. The metal ions, in turn, act as a catalyst for the formation of a rubber-like polymer that solidifies throughout the jute fiber matrix and develops adhesive bonds with surfaces in the joint.

The gas industry operates approximately 62,000 miles of cast iron gas pipe, with joints at 12-foot intervals, totaling some 30 million pipe joints. "Leaks can develop at these locations, and the industry devotes millions of dollars, considerable time and effort to maintain these joints and pipes," Netravali said. In the New York City metropolitan area alone, there are nearly 5,000 miles of gas pipe line.

Next, the researchers plan to evaluate and analyze the use of new polymer linings as a way to renovate gas mains without replacing them.

The study was funded by the Gas Research Institute, the Consolidated Edison Co. of New York Inc., Brooklyn Union and Consumers Gas of Toronto, Ontario.

## Researchers find clue to developing disease resistance in tomato plants

By Blaine P. Friedlander Jr.

That savory slice of juicy tomato reserved for the top of a freshly grilled burger or a gently tossed salad has been spared from nature's short list. Cornell plant pathologists have found the gene that resists the cucumber mosaic virus (CMV), a plant disease that severely threatens tomatoes. The breakthrough: They have genetically engineered the resistance by introducing a segment of the viral genome — the coat protein gene — into the tomato.

"It's a devastating disease, very severe in places like Italy, Spain, China, Japan, and it can be severe in California," said Marc Fuchs, Cornell research associate in plant pathology at the university's Agricultural Experiment Station in Geneva. "Viruses are very difficult to control, since there is no viricide to eradicate them. Once a field is diseased, there is nothing a farmer can do. The crop is ruined."

The economic losses for tomatoes due to CMV infections in many countries have been so profound that tomato production was abandoned in some areas. CMV-infected tomatoes suffer an oppressive stunting of the plant's growth and significant yield losses. While the tomatoes are edible, they are not marketable. "There are

**'Viruses are very difficult to control, since there is no viricide to eradicate them. Once a field is diseased, there is nothing a farmer can do. The crop is ruined.'**

— Marc Fuchs, research associate at the Agricultural Experiment Station in Geneva

distortions and reductions in size," Fuchs said. "Eating tomatoes with this plant virus won't harm humans, but consumers in almost every country wouldn't buy them for the fruit's cosmetics."

Fuchs collaborated with colleagues Rosario Provvidenti and Dennis Gonsalves, both Liberty Hyde Bailey professors of plant pathology at the Agricultural Experiment Station, and Jerry L. Slightom of the Upjohn Co., Kalamazoo, Mich. The study, "Evaluation of Transgenic Tomato Plants Expressing the Coat Protein Gene of Cucumber Mosaic Virus Strain WL Under Field Conditions," was published recently in the *American Phytopathological*

Society's journal, *Plant Disease* (Vol. 80, No. 3). The research was funded by the Asgrow Seed Co., Kalamazoo, Mich., and the U.S. Department of Agriculture.

Scientists had scoured the world looking for related plants to move resistance from the wild world into the domesticated agricultural market. In the process, breeders found some wild tomato plants that resisted the virus; however, they were not able to transfer this resistance into commercial varieties. The gene from the virus is spliced into the chromosome of the non-resistant tomato. The result is a tomato plant resistant to CMV, an accomplishment that previously had eluded scientists.

Gonsalves said this technique has been commercially available for other fruits and vegetables. In fact, Gonsalves' lab has collaborated with Asgrow Seed Co. to develop virus-resistant vegetables. Freedom II, the genetically engineered squash variety resistant to zucchini yellow mosaic virus and watermelon mosaic virus 2, was distributed for commercial sale last year.

But, have the scientists found a way to permanently reduce diseases? The Cornell researchers feel that this technique will help control a number of viruses. However, it is not the only answer. They said a range of approaches need to be taken to control plant viruses on a case-by-case basis.



## Rotary awards student with scholarship

By Jill Goetz

Andrea DeTerra, a Cornell senior with a double major in theater and English, has received a Rotary Foundation Ambassadorial Scholarship for a year of study in Spain.



DeTerra

The \$21,500 scholarship will enable DeTerra to study Spanish literature and theater at the University of Seville for the 1996-97 academic year. The award, which is available only to non-Rotarians, covers round-trip transportation, a month of intensive Spanish training in Madrid, and two semesters of living and studying in Seville.

DeTerra's study in Spain will not be applicable toward an academic degree; instead, it is intended "to further international understanding and friendly relations among people of different countries," according to a Rotary publication. She will be required to make several talks to Rotary and other groups in Spain and in her home state of Alaska when she returns.

DeTerra will graduate from Cornell on May 26 in the top 10 percent of her class.

## Lansing park renamed for CU librarian

By Darryl Geddes

The park on Uptown Road in the village of Lansing has been renamed in honor of Philip R. Dankert, collection development librarian at the Catherwood Library



Dankert

in the School of Industrial and Labor Relations, in recognition of his exceptional commitment to youth of the Ithaca area.

The park was officially renamed the Philip R. Dankert Village Park during ceremonies last September.

When Lansing Village Mayor Ted Wixom praised Dankert for his dedication, calling him the "patron saint" of volunteers.

"It was a surprise to me to be honored in such a way," said Dankert, who joined Cornell 33 years ago. "I do my volunteer work because it's something I enjoy. I don't do it for any sort of recognition, so this honor is quite humbling."

Dankert's volunteer service to youth has been extensive. He currently is a member of the Tompkins County Youth Board and is chairman of the Recreation Partnership Board. Previously, Dankert has served as a member and committee chairman of the Ithaca Youth Bureau Board of Advisors, the Village of Lansing Parks and Recreation Committee, the Joint Youth Commission, as program adviser for the Cayuga Heights and Northeast schools' ski programs, as cubmaster and member of the Boy Scout Troop committee, and as a member of the board of directors of the Ithaca Youth Hockey Association. In addition, Dankert coached Kiwanis baseball for nearly a decade.

When time permits, Dankert serves as a volunteer fireman for the Lansing Fire Department.

"My volunteer activities all began when I participated with my children in youth activities," he said. "I was able to see the joy and benefit of being a part of these activities, so I've been volunteering ever since."

Dankert and his wife, Ginny, reside in the Village of Lansing.

## Flamboyant males may advertise parasite-safe sex

By Roger Segelken

Like a personal ad proclaiming: "Tall, good looking, disease-free," brightly colored male animals are advertising something of importance to their prospective mates. Should the female assume the gaudiest male has parasite-resistance genes that will benefit her offspring? Or that she simply won't pick up bugs from the guy?

A Cornell biologist's analysis of mating-success studies, as reported in the March 5, 1996, *Proceedings of the National Academy of Sciences* (Vol. 93, pp. 2229-2233), suggests that the direct benefit – avoiding parasites for herself and her young ones – may have a role in the evolution of male flamboyance.

"Accounting for conspicuous male displays – the elk with the huge rack of antlers or the peacock with the bright train of feathers – was a problem for Darwin's theory of evolution by natural selection," said David J. Able, a doctoral student in animal behavior and sole author of the PNAS article, "The contagion indicator hypothesis for parasite-mediated sexual selection." Darwin recognized that characteristics that make animals a target for predators also reduce survivability and reproduction, Able noted.

Darwin's rationale, that conspicuous male displays persist and grow ever more conspicuous because mating females prefer them, never fully explained the benefit of choosing the brightest or loudest. However, in the last 15 years, evolutionary biologists began to focus on debilitating parasite infections and inherited resistance to infection.

For example, red jungle fowl (the ancestors of barnyard chickens) have glossy feathers and bright eyes when they are healthy but dull plumage and glassy eyes when certain parasites infest them. Experiments show that the brightest jungle fowl males have the greatest mating success.

In his analysis, Able examined previous studies of parasite transmissibility in 15 species with conspicuous male displays. Fourteen studies were conducted by others and ranged from ring-necked pheasants and zebra finches to fence lizards and guppies; one study was his own, with red-spotted newts. His species-by-species analysis questioned whether the parasites are transmitted by association (during mating or by frequenting the male's territory), the level of parasite infection and the conspicuousness of the male trait, and whether



David Able, doctoral student in animal behavior, examines a male newt, whose tailfin size – rather than its parasites – influences the probability of its mating success.

Adriana Rovers/University Photography

the potential for parasite transmission is related to male mating success.

When the analysis was complete, six of eight species with associatively transmissible parasites showed a negative correlation between parasite intensity and male mating success. In other words, males with the fewest transmissible parasites have the most conspicuous traits and the best luck. And in species where parasites are not transmitted by association (including Able's newts, which get blood parasites from leech bites and not directly from each other), the number of parasites tended not to affect female choice or the male traits.

"This is far from conclusive, and it

doesn't explain everything about conspicuous male displays," Able acknowledged. "But it is beginning to look like, when a female selects a flamboyant male, avoiding contagion may be more important than getting good genes."

A graduate of Indiana University with a degree in biology, Able has been conducting his research and teaching at Cornell for seven years with teaching assistantships in introductory biology, animal behavior and animal social behavior. Research reported in the PNAS paper was supported in part by a National Institutes of Health Neurobiology and Behavior Training Grant and U.S. Department of Agriculture (Hatch) Funds.

## Biological controls effective in controlling watermilfoil

By Blaine P. Friedlander Jr.

For most of the last 30 years, scientists and engineers have waged a war on the Eurasian watermilfoil, a non-indigenous water weed that diminishes swimming, boating and the environment. Using standard mechanical means of harvesting the milfoil, winning the war looked bleak. But, environmentally friendly biological control may be the answer, according to a Cornell scientist.

"This weed is the zebra mussel of the plant world," said Bernd Blossey, director of the Biological Control of Non-Indigenous Plant Species Program at Cornell. "Almost every state has this problem. It is replacing the native macrophytes and has detrimental effects on the ecology of infested waters."

Using lessons learned from the war against another weed, purple loosestrife, Blossey, Robert Johnson, manager of the Cornell Experimental Ponds, and Nelson Hairston, Cornell professor of ecology and systematics, waded to wage biological control against the milfoil. Blossey presented his report, "Biological Control of Weeds in Natural Areas," at the Cornell Biocontrol Conference April 12 in Ithaca.

Through research performed in Ithaca

**'This weed is the zebra mussel of the plant world. Almost every state has this problem.'**

— Bernd Blossey

and by studying the effects of natural insect enemies of the purple loosestrife, Blossey believes there may be a scientific, biological template for controlling this type of water weed.

Meanwhile, harvesting the weeds seems to make the problems worse, Blossey said. Whenever a weed like purple loosestrife or the watermilfoil is mechanically harvested, the plant's natural enemies have no food to survive – at least until it grows back. Within a few months the problem is just as bad as before or worse.

There is hope of controlling milfoil around the country. Blossey suggests just being patient. Simply allow the host-specific, natural entomological enemies to do their job, Blossey said.

In the case of the ornamentally beautiful purple loosestrife, there is a long list of

natural enemies: the root-mining weevil, *Hylobius transversovittatus*, attacks the main storage tissue of the purple loosestrife; two leaf beetles, *Galerucella californiensis* and *G. pusilla*, can completely defoliate individual plants and entire purple loosestrife populations; the weevil *Nanophyes marmoratus* feeds on the flowers; the weevil *N. brevis* feeds on the seeds.

All of them attack nothing but their host purple loosestrife, Blossey said.

The watermilfoil is but one weed in thousands. In New York, for example, there are more than 1,400 non-native plants grown.

Scientists cringe at the thought of using chemical herbicides on such underwater weeds. And chemicals provide only varying degrees of success. Biological control seems to be the most appealing method of tackling the problem.

The search for biological control continues. "Biological methods are not always readily available," Blossey said. "Nor have those methods always been well-endorsed or financially supported. Despite an excellent safety record, skepticism concerning the safety and effectiveness of exotic insect introductions for weed control remains high among the general public, administrators – and even scientists."



## Students and programs awarded during National Volunteer Week

Cornell students, led by the staff of the Public Service Center, celebrated National Volunteer Week from April 21-27. The highlights of the week included formal presentation of two service awards.

On April 26, the Community Partnership Fund Board (CPFBB), a program of the Public Service Center, honored its 1995-96 grant recipients. CPFBB seeks to foster student leadership and social responsibility by encouraging students to take action against social problems, and provides monetary awards to advance such projects. This year's recipients include:

- **HydroSummer '96** – a grassroots international project established to introduce micro-hydroelectric power generation to the Dominican Republic.

- **Designers for a Better Community** – Working in cooperation with Ithaca Neighborhood Housing Services (INHS), students will focus on revitalizing and landscaping a rehabilitated home.

- **Legal Readers** – a children's literacy program started at the Cornell Law School with the help of the school's service organization, Phi Delta Phi.

- **Mental Health Association and Sigma Gamma Rho** – Sorority members worked on a campaign to inform the Ithaca community about people with mental health concerns.

- **The Partnership** – mobilizes student volunteers to work on a variety of construction projects for low-income families.

On April 27, the Robinson-Appel Humanitarian Awards were presented to three



Jon Reis/PHOTOLINK

**Benefactors of the Robinson-Appel Humanitarian Awards, from left at bottom, Gerald Robinson '54, Margot Robinson '55, Helen Appel '55 and Robert Appel '55, pose with this year's student winners, from left top, Nahmjim Kim, Susan Crisfield and Shelly Burnside.**

students. This award was established by alumni Gerald Robinson '54 and Margot Robinson '55, and Robert Appel '53 and Helen Appel '55. The Robinson-Appel Humanitarian Award was created to recognize and honor students who have had significant involvement in community service by providing support for their projects which address a community's social needs or prob-

lems. Three students are selected and each receives \$1,000 to further a community service project that he or she has initiated and proposed. This year's winners are:

**Shelly Burnside** – Burnside's idea to create a computer publishing center at the Literacy Volunteers of Tompkins County came to her as a result of tutoring a man in danger of losing his job if he did not im-

prove his reading skills. One method she used in teaching him to read was a "Language Experience" story in which the man described an event while she recorded the story. Burnside's proposal is to enhance the computer skills of the students by setting up a computer center to publish these Language Experience stories and other student works on the Internet.

**Susan Crisfield** – Crisfield became involved with Ithaca Neighborhood Housing Services while volunteering with Community Unity to rebuild/repair local houses. Her proposal is to link the efforts of INHS and students of horticulture and landscape architecture to rebuild the yards of the newly refurbished homes, thus increasing the value of the neighborhood. She has been assisted by other Cornell students and faculty, including Sarah Wilkinson, Jennifer Sitts, Catherine Baker, Joy Grefrath and Charles Ufford; and professors Paula Horrigan and Irene Lekstutis.

**Nahmjim Kim** – Kim has volunteered in the Ithaca Youth Bureau One-to-One Program since 1994. Her proposal is to create a four-week afternoon science camp for eight to 10 children and introduce them to various fields in the sciences, demonstrate the sciences' relevance to the children's lives and spark an interest in the various sciences via hands-on experience.

For more information on the Community Partnership Fund Board or the Robinson-Appel Humanitarian Award, contact the Public Service Center at 255-1148.

## ISSO keeps mission, but changes address in campus relocation

By Jill Goetz

The Cornell International Students and Scholars Office (ISSO) routinely helps others settle into unfamiliar territory. But a recent disruption of the office's own routine temporarily turned the tables on that scenario.

On May 1 and 2, the office relocated from Barnes Hall at the center of the Cornell campus to the newly renovated Caldwell Hall on the Ag Quad. The move was part of the campus reconfiguration known as the "Sage Shuffle," which is affecting over 300 people in a dozen buildings.

The ISSO now is located in B-50 Caldwell Hall. It will share the building with the Graduate School – whose old site, Sage Hall, is slated to become the new home of the Johnson Graduate School of Management.

According to ISSO Director Jerry Wilcox, little will change in terms of the office's aims and services. The office's mission is still to assist international students (students who have a non-immigrant visa and who are engaged in a full course of study at Cornell), and scholars (foreign nationals with academic appointments at Cornell and non-immigrant visa status) by advising them on federal immigration, tax, labor and other regulations and by providing counseling on personal, academic and cultural issues.

"We're pleased that the move is happening early in May rather than later, because the period after finals tends to be one of our busiest," Wilcox said. "Many students will leave technical immigration matters to the last minute; we'll have people coming in to sign documents and running off to the airport."

Guiding international students through a maze of red tape is one of the office's major functions. And that function has grown increasingly complex. "Figuring out what form to file can be a nightmare," Wilcox said.

Emerging fears about terrorist activity are not likely to make life any simpler for foreign nationals or for the ISSO, he added. FBI Director Louis Freeh has called for greater



Adriana Rovers/University Photography

**On May 3, Ann Haessner, administrative assistant in the Graduate School, helped pack up boxes to be moved from the school's old home in Sage Hall to its new one in Caldwell Hall, where the International Students and Scholars Office also has relocated.**

controls on international students, and a proposed amendment by U.S. Sen. Alan Simpson (R-Wyo.) would also tighten restrictions on their activities and increase paperwork, he said.

But, the ISSO does much more than distribute appropriate immigration and tax forms. In one of its programs, PREPARE (Preparation for Academic Resources for Excellence), international undergraduate students arrive on campus a few days early for individualized orientation sessions. In another, the Foreign Scholars Residence Program, the ISSO helps scholars locate appropriate housing and other services for themselves and their families.

Once international student and scholars have settled in, the ISSO engages them in ongoing social and educational programs, including a weekly coffee hour in the Big Red Barn and an annual trip to the nation's capital. The office also works with the Campus Club of Cornell International Committee, which sponsors non-credit English classes, International Women's Friendship Clubs and the International Student Hospitality Program.

These programs have grown in size with that of Cornell's international community. Cornell now has more than 2,500 international students, up from 1,857 a decade ago, and more than 1,050 international scholars, up from 858 a decade ago.

## Summer renovations at Gannett Health Center will limit some access

Beginning Monday, May 20, renovations beginning at Gannett Health Center will temporarily relocate several departments and restrict entry to the building.

The main entrance, which fronts on Ho Plaza, and the rear emergency entrance will be closed for the summer. All patients, visitors, deliveries and emergencies will be served throughout the renovation by the entrance located at the upper parking lot in the rear of the building (accessed from Campus Road).

This temporary main entrance will include a handicapped-accessible ramp.

The health center is scheduled to be fully operational by Aug. 26, barring any construction delays, said Nianne VanFleet, director of nursing and coordinator of in-house construction.

"The Radiology Unit will be the only service closed for the summer," VanFleet said. "Gannett patients will be referred to Convenient Care Center on Warren Road

for X-rays. Rides will be available for students and others without transportation."

The laboratory will move temporarily to the third floor of the health center, which will continue to house the contraception, gynecology and sexual services (CGSS) units and the health education office.

The student insurance office will relocate to the main floor, and the dispensary will remain on the main floor for the summer. The cashier's station will move temporarily to the

administration floor and share space in the billing department. Psychological services will remain on the ground floor, but it will operate with a reduced staff and services throughout the construction. Patients and visitors are advised to use the elevator to move between floors and units and to be alert to signs that help guide them through the center during the construction period.

For information and renovation updates, call 255-5155.



# Rawlings: Higher education can take lessons from corporate sector

By Darryl Geddes

Colleges and universities can learn valuable lessons from their corporate counterparts, especially on how to become more competitive globally, said Cornell President Hunter Rawlings.

Speaking before more than 80 corporate executives and Cornell faculty, administrators and staff members at a forum April 30 on campus, Rawlings said universities must make changes — like those made in the corporate sector — if they are to remain globally competitive. He noted that competition for faculty, students, grants, contracts and corporate funding has become more intense.

"While the world's children come to U.S. research universities, we cannot afford to be complacent," said Rawlings during remarks at the first Cornell Corporate Executive Forum, held at the Statler Hotel. "Resources have ceased growing, and we have not become price sensitive; we must change."

Rawlings suggested that the expansionist attitude of many universities, which has led to spiraling tuition costs, growth in disciplines taught and institutions created, may need to be re-examined.

The Corporate Executive Forum, coordinated by Cornell's Office of Corporate Relations, offered executives, managers, Cornell faculty, administrators and staff members an opportunity to exchange and test ideas on issues confronting both the corporate and education sectors.

Hewlett-Packard Chief Executive Officer Lewis Platt, who earned his bachelor's degree at Cornell, co-hosted the forum with Rawlings. "Change is the only constant in today's business world," Platt said. "Change occurs when dissatisfaction about status quo exceeds anxiety over change."

One area driving change today is technology, which, according to Platt, has made it easier for employees to communicate with each other. "The organizational chart is irrelevant today," he said.



Adriana Rovers/University Photography  
**Executives from more than 80 companies attended the first-ever Cornell University Corporate Executive Forum April 30 at the Statler Hotel. Among the attendees were, from left, Hewlett-Packard CEO Lewis Platt, who co-hosted the forum with Cornell President Hunter Rawlings; Donald Greenberg, professor of computer graphics; and Gene Resnick, vice president of Schering-Plough Research Institute.**

Gone are the days when employees had to talk to their directors who, in turn, had to relay information to their bosses. Today corporate presidents hear directly from workers on the assembly line via telecommunications, Platt said.

The technology also is changing the work environment and the work day, as information is now accessible anywhere and at all hours of the day. It also is changing the relationship between corporations and customers. "There is a new intimacy with customers, as many are on-line, communicating with us directly," he said.

Technology, too, will help advance the relationship corporations have with colleges and universities. "The pace of change makes it essential that we offer ongoing education

to our employees," Platt said. "Technologies are emerging that will enable education to be available anytime and anywhere."

Platt challenged colleges and universities to find a way to educate people in their homes or in the workplace.

In a preforum survey of issues faced by companies, executives said they wanted university graduates to be continuous learners to help keep pace with the changing marketplace. Other suggestions on how universities could be of more assistance to corporations included:

- providing lifelong learning systems for graduates and employees,
- better use of universities for continuing education by executives,
- developing stronger collaboration with

**'The pace of change makes it essential that we offer ongoing education to our employees. Technologies are emerging that will enable education to be available anytime and anywhere.'**

— Lewis Platt, CEO  
Hewlett-Packard

university resources to meet business needs,

- preparing students to work in virtual, geographically dispersed teams,

- increasing diversity of advanced degree graduates and increasing the supply of minority science-trained personnel, from senior managers to bench-top scientists,

- keeping higher education costs and finances under control and

- urging faculty to produce value-added, applied research rather than academic research.

The forum also focused on dominant corporate issues, the competitive work force, the workplace of the future, innovation and technology, and the empowered or expendable corporate employee.

"The exchange of ideas that took place during the forum will continue," said Nick Komanecky, director of corporate relations for Cornell. "Several working groups have been created to examine various issues, among them concerns over intellectual property, corporate best practices, business-industry needs, future forums and the 'best deal' for Cornell graduates."

Among the corporations represented at the forum were Allied Signal, AT&T, Bausch & Lomb, Chase Manhattan, Citi Corp, Eastman Kodak, General Motors, GTE, IBM, Intel, Merck, Motorola, Sprint and Xerox.

## Thousands of students take a bath on Slope Day — a mud bath

By Larry Bernard

Cornell students took to the slopes on May 3, but they weren't skiing.

Mud sliding was more like it.

With more than 5,000 students congregating on Libe Slope on the last day of classes — forever for graduating seniors, in an annual rite of passage from Cornell — dozens of them went careening, rolling, tumbling and just plain falling down the hill as rain made the slope resemble a California mud slide more than a grassy knoll at the foot of Uris Library. But it's grass no more.

As a result, there were fractured bones, torn ligaments, dislocated joints, cuts and bruises, teeth knocked out and dozens of other injuries that had the Gannett Health Center looking like a MASH unit.

"We've seen a lot of knees messed up," said Dr. Janet Corson-Rikert, acting director of Gannett, "probably for the rest of their lives."

Although only three people had to be taken by ambulance from the slope to the emergency room at Cayuga Medical Center for alcohol poisoning, about 20 were drunk or sick enough to require a rest at the Health Center. Thirty mattresses were brought there in advance, just in case. And while no one was comatose, emergency medical technicians reported that many of the more than 40 people they treated on the hill were too drunk to know where they were.

Cornell Police reported that they responded to 114 incidents and made dozens of arrests, most of them for liquor law violations. The amount of alcohol was so great, police confiscated more than 200 cases of beer — and 100 cases of beer in one vehicle alone, which a fraternity was going to pass out for free on the slope. That was not to be, as police reminded the offenders that they would need a liquor license for that amount of alcohol.

Still, officials said it was a better Slope Day than last year, when the hospital emergency rooms were overflowing and health care workers had difficulty keeping up with the injured.

Credit the administration planners. The Dean of Students Office, led by Catherine Holmes, director of student activities, helped ensure a safe but fun day. Student and Academic Services determined that live music was



Charles Harrington/University Photography  
**Thousands of students congregated in the rain on Libe Slope on May 3 for the annual Slope Day gathering, marking the end of classes for the spring semester. Several used the slope behind Uris Library as a mud slide.**

not a good idea, and food was available from Tucker's Catering and Domino's Pizza.

The student group Students Offering Support, chaired by Leslie Kirchler '98, with the Dean of Students Office, rounded up more than 200 students, faculty and staff who were trained to patrol the grounds and try to keep students out of trouble. The volunteers were spotted easily by their pink "Slope Day 96 — Keep it Safe, Keep

**'We've seen a lot of knees messed up, probably for the rest of their lives.'**

Dr. Janet Corson-Rikert,  
acting director of Gannett Health Center

it Fun" T-shirts, designed by Madison and Tower, the student advertising agency.

With 13 extra police officers, two vans to shuttle between the slope and the hospital, extra mattresses in Gannett, 4,800 16 oz. bottles of water, portable toilets around the slope's perimeter, double staff at the hospital emergency room and a volunteer corps on patrol, Cornell appeared ready for anything. But the students persevered, and even a steady rain did little to dampen their revelry.

"This is the worst I've ever seen it in my 10 years," Dennis Osika, director of the Grounds Department, said of the condition of the slope. "There was quite a lot of loss of grass and erosion on the steepest part of the slope. We only have three weeks until commencement. I don't know if we'll make it, but we're trying."

Grounds crews were working "feverishly," he said, spending seven hours on the slope Saturday doing cleanup and preparing for seeding. "It's very difficult to seed there because it's so steep," Osika said, adding that it would cost more than \$3,200 for cleanup and repair of the area.

At times it got ugly, as reported by Cornell Emergency Medical Services technicians who were on the front lines. Not just beer and Frisbees were flying, but they reported numerous airborne UFBs — Unidentified Flying Bottles. Combat pay was demanded only half facetiously upon return to the relative safety of the EMS tent across the street on West Avenue. Even President Hunter Rawlings, who came out to greet the students, had to turn back after a short time. And after one mud slider slid right under a Bang's ambulance on the path beneath the slope, that was enough for Cornell Police, who closed off that area.

Class of 1996, your soon-to-be alma mater has one question: Was it worth it?



# CALENDAR

from page 12

information desk, first floor, Caldwell Hall.

• **Diploma distribution:** Diplomas will be available for May 1996 degree recipients who completed requirements by mid-March. Many fields and/or colleges will be distributing diplomas at ceremonies after commencement. Diplomas will be mailed to other recipients.

• **Ph.D. recognition event:** The ceremony to honor Ph.D. recipients will be held in Barton Hall at 5 p.m., Saturday, May 25. Family, friends and faculty advisers are invited; reception will follow. Candidates who participate must wear a cap and gown and must register in Barton Hall between 3:45 and 4:15 p.m. before the ceremony.

• **Faculty:** Graduate faculty meeting will be held on Friday, May 24, at 4 p.m. in Caldwell Hall. The meeting is solely for the purpose of voting on May degrees.

• **Summer registration:** Forms for summer graduate registration are available starting Monday, May 13, at the Graduate School information desk, first floor, Caldwell Hall. The summer period begins on May 20. Student ID and in-person registration are required. Students must register if they are 1) receiving financial aid during the summer (such as fellowships, summer loans, assistantships, travel grants, or tuition awards); 2) wish to use campus facilities during the summer; or 3) are off campus but need to be registered for summer study. Graduate students who have been registered for a regular semester during the preceding academic year do not pay tuition for *non-credit* summer registration. Students approved for summer residence credit must pay the appropriate pro-rated Graduate School tuition rate. Tuition must be paid for summer courses taken through the School of Continuing Education and Summer Sessions.

## lectures

### Cornell Institute for Public Affairs

Rabbi Mark Winer from the Jewish Community Center in White Plains, N.Y., who is the principal American Jewish representative on the respective world steering committees between the Jewish People and the Roman Catholic Church, the World Council of Churches (Protestant) and the Orthodox Christian Church, will speak about his work with the international peace process May 9 at 4:15 p.m. in Anabel Taylor Hall. Call Michael Lippmann, CIPA Fellow, 277-8374.

## music

### Department of Music

• **May 9, 8:15 p.m., Barnes Hall:** A fourth-year architecture student, Hiromi Ogawa, will give a piano recital featuring the following works: Schubert's *Impromptu, Op. 90, No. 1*, Beethoven's *Piano Sonata in F Major, Op. 54*, Chopin's *Bolero* and Barber's *Piano Sonata, Op. 26*.

• **May 10, 8:15 p.m., Barnes Hall:** Composer Marc Mellits will present a DMA recital that begins with his work *11 Pieces for Flute and Piano*, performed by flutist Jennifer Yeaton Mellits and pianist Diane Birr. *Spam* will be presented by a quintet of players led by conductor Mark Scatterday: Jennifer Yeaton Mellits (flute), Richard Faria (clarinet), Kyle Buckman (violin), Elizabeth Simkin (cello) and Diane Birr (piano). Using baroque instruments, players for *11 Miniatures* include Steve Zohn (flute), Geoffrey Burgess (oboe), Brian Brooks (violin), Roy Wheldon (viola da gamba), Stephanie Vial (cello) and Aleeza Meir (harpsichord). *Merge Left* will be performed by a trio of two flutes (Jennifer Yeaton Mellits and Liisa Ambegaokar Grigorov) and cello (Elizabeth Simkin). *Aggravated Assault*, scored for two amplified pianos, will be performed by Yak Bjerken and Blaise Bryski.

• **May 10, 8:15 p.m., Sage Chapel:** The Sage Chapel Choir, under the direction of William Cowdery, will perform Mozart's *Requiem, K. 626*. The performance will feature soloists from the voice studio of Judith Kellock and a chamber orchestra of students and staff; it will be interspersed with segments of the traditional requiem liturgy sung in Gregorian chant as it would have been heard in Mozart's time.

• **May 11, 8:15 p.m., Unitarian Church, and May 12, 4 p.m., Barnes Hall:** The Cayuga Vocal Ensemble with Malcolm Bilson and Blaise Bryski, fortepiano, will present Brahms' *Liebesliederwalzer*, Schubert's *Rondo in A major* for four-hand piano and Viennese part songs by Schubert, Schumann and Brahms. Admission will be charged.

• **May 13, 8:15 p.m., Barnes Hall:** Tenor Terence Goff presents his senior recital in an unusual format; he opens the program by teaching two of his students in front of the audience. Mezzo-

soprano Emily Lott then performs Gabriel Faure's *La Chanson d'Eve*. Goff then performs Rossini's *Au Chevet d'un Mourant* and Ralph Vaughan Williams' *Four Hymns for Tenor, Viola and Piano*.

### Johnson Museum

On Saturday, May 11, at 12:30 p.m., the Tyetones, directed by Jonathan Blocksom, will sing *The Mass Euge Bone* by Christopher Tye in the lobby.

### Bound for Glory

May 12: Albums from the studio. Bound for Glory is broadcast Sundays from 8 to 11 p.m. on WVBR-FM, 93.5 and 105.5.

## religion

### Sage Chapel

Phillip J. Lee, Presbyterian parish minister, Church of St. John & St. Stephen, in Saint John, New Brunswick, Canada, will give the sermon May 12 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. Ascension Mass: May 16, 12:20 p.m., Chapel, Anabel Taylor Hall; 7 p.m., Chapel (French Mass).

### 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>>.

### 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.

Friday Services: Conservative: 6 p.m., Founders Room, Anabel Taylor Hall; Reform: 6 p.m., ATH Chapel; Orthodox: call for time, 272-5810, Young Israel.

Saturday Services: Orthodox: 9:15 a.m., One World Room, ATH.

### 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 (Eastern Orthodox)

Sundays, 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

### Agricultural, Resource & Managerial Economics

"Economic Analysis and Design of Wetlands Policy," Peter Parks, Rutgers University, May 10, 1 p.m., 401 Warren Hall.

### Animal Science

"Grass Utilization by Lactating Dairy Cattle for

Sustainable Agriculture," Jamie Jonker, graduate student, May 14, 12:20 p.m., 348 Morrison Hall.

### Biochemistry

"Mechanisms of Transcriptional Control by Retinoic Acid Receptors," Christopher Glass, UCSD, May 10, 4 p.m., large seminar room, Biotechnology Building.

### Boyce Thompson Institute

Distinguished Lecture in the Life Sciences: "Special Environmental Responses of Agaves & Cacti," Park Nobel, May 15, 3 p.m., Boyce Thompson Auditorium.

### Genetics & Development

"Epigenetic Control of an Endogenous Gene Family in *Arabidopsis*," Judith Bender, Johns Hopkins University, May 13, 4 p.m., large seminar room, Biotechnology Building.

"General and Specific Translational Activators Interacting With the Mitochondrial COX3 mRNA 5'-untranslated Leader," Maria Costanzo, May 15, 12:20 p.m., small seminar room, Biotechnology Building.

### Microbiology

"Highly Efficient Germ-Line Transmission of Proviral Insertions in Zebrafish," Nancy Hopkins, Massachusetts Institute of Technology, May 10, 12:15 p.m., Boyce Thompson Auditorium.

"The Ins and Outs of Two Persistent Viruses: Herpes and Hepatitis B Entry and Egress," Timothy Block, The Jefferson University, Philadelphia, May 13, 12:15 p.m., Boyce Thompson Auditorium.

### Neurobiology & Behavior

"A Warp in the Subspace Continuum: The Representation of Time in the Bat Auditory Mid-brain," Bill O'Neil, University of Rochester Medical School, May 9, 12:30 p.m., A106 Corson Hall.

### Ornithology

"The Making of a Field Guide," Jim Coe, May 13, 7:30 p.m., Fuertes Room, Lab of Ornithology, 159 Sapsucker Woods Road.

### Plant Biology

"Induced Resistance in Crop Plants - How Molecular Biology Can Help a Natural Phenomenon to Be of Practical Use," Andres Binder, CIBA GEIGY Agrobiotech, May 10, 11:15 a.m., 404 Plant Science Building.

## theater

### Theatre Arts

Karen Finley, avant garde performance artist phenom, will bring a piece of her unprecedented work, *The American Chestnut*, to the Proscenium Theatre on May 10 at 8 p.m. Ticket prices are \$9 for students and seniors and \$11 for the general public.

Finley also will give a public lecture May 9 at 4 p.m. in the Proscenium Theatre.

For more information about the performance or the lecture, call the CTA box office at 254-ARTS.

## miscellany

### Alcoholics Anonymous

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

### Clothing Drive

Ecology House is collecting clothing to be distributed to local agencies. Donations are being sought from faculty, staff and students. Specially marked collection boxes are in the lobbies of residence halls, the Big Red Barn, Willard Straight Hall, Noyes Community Center, Robert Purcell Community Center and Humphreys Service Building through May 18. For more information, call Amber O'Reilly, chair of the clothing recovery drive, at 253-1283.

### Emotions Anonymous

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

### International Students and Scholars Office

The ISSO is now located in B50 Caldwell Hall. All office and staff telephone numbers remain the same.

### LGB Resource Office

LBG Brown Bag Lunch: May 14, noon, McManus Lounge, Hollister Hall. For information on events sponsored by the LGB Resource Office,

send e-mail to [cu\\_lbg@cornell.edu](mailto:cu_lbg@cornell.edu) or access the Web site at <http://LGBRO.cornell.edu>.

### Lunchtime Meditation

For beginner through experienced meditators, health educator Nanci Rose will give instruction in various techniques Wednesdays from 12:15 to 1 p.m. in the North Room of Willard Straight Hall. Open to all faculty and staff and sponsored by the ALERT Peer Education Program. For information, call Gannett at 255-4782.

## sports

### Baseball (17-27, 8-12 Ivy)

Season complete.

The diamondmen closed out the 1996 campaign by going 3-3 in the final week of the season. On Sunday, the Red split a doubleheader with Gehrig Division co-champion Princeton in New Jersey. The Tigers won the first contest 3-1 and Cornell won the second 8-2. Last Friday, Princeton was in Ithaca for a pair of games, and the Tigers won the first game 6-4, and in the nightcap, Cornell was victorious 5-2. Earlier in the week at Lewisburg, Pa., the Red also split a twin bill with Bucknell, winning 18-3 and losing 6-3.

### Men's Ltwt. Crew (4-3)

May 19, Eastern Sprints at Worcester, Mass.

The lightweight went up against tough competition in Concord, N.H., on Saturday, May 4, and the result was Dartmouth winning the varsity, junior varsity and first freshman races.

### Women's Varsity Crew (6-2)

May 12, Eastern Sprints at Lake Waramaug, Conn.

The women's crew enjoyed a successful day in Concord, N.H., on Saturday, as the Big Red swept all four races.

### Golf (0-1)

Season complete.

Junior Chris Simms (North Hollywood, Calif.) played in the NCAA District II Golf Championship last weekend in Easton, Md. Simms tied for 46th place with a two-round score of 159 (81-78). On Monday, May 6, the Big Red took its team to the KPMG Peat Marwick Golf Classic at the Oak Hill Country Club in Rochester, where it finished fifth out of seven schools with a four-man score of 347.

### Men's Lacrosse (3-11, 1-5 Ivy)

Season complete.

Michigan State defeated Cornell 14-12 at Spartan Stadium on Saturday afternoon, May 4, after the Big Red had lost earlier, on May 1, in its visit to sixth-ranked Harvard, 20-12, at Ohri Field.

### Softball (17-20, 3-9 Ivy)

Season complete.

The softball team concluded its season last week, losing all four of its contests. The diamondwomen lost to Ithaca College 6-0 and 10-3, before being defeated by Princeton 6-4 and 8-3.

### Men's Tennis (4-16, 0-9 EITA)

Season complete.

The men's tennis team concluded the season last weekend with a road trip to Dartmouth and Harvard. The Big Red was shut out by the Big Green on Friday 7-0. On Saturday, the Crimson defeated the Red 6-1.

### Women's Tennis (13-3, 5-2 Ivy)

Season complete.

The women's tennis team advanced to the second round of the NCAA East Regional tournament before falling to second-seeded Harvard 5-3 on Saturday. The netters had earlier fought past third-seeded Maryland 5-2 on Friday afternoon.

### Men's Outdoor Track (2-2)

May 18-19, IC4A Championships at George Mason.

The Big Red men placed seventh with 38.5 points last weekend at the Heptagonal championships at Yale. Princeton won the meet with 182 points.

### Women's Outdoor Track (4-1)

May 18-19, ECAC Championships at George Mason.

The Big Red women captured second place with 128 points at the Heptagonal Championships last weekend at Yale. At the meet, senior Nsenga Bansfield (Niagara on the Lake, Ont.) won the 400 meters in a school record time of 55.16 and took second place in the 200-meter dash (25.55). Sophomore Ellen White (Ann Arbor, Mich.) won the high jump (5-6 3/4), while the 800 meters was won by freshman Jessica Shaw (Westford, Mass.) in 2:11.01.

## Sports Hot Line

The Big Red Hot Line, 255-2385, is open 24 hours and has scores of all men's and women's varsity events and previews of upcoming games. Information about Cornell athletics also is available on the World Wide Web at <<http://www.athletics.cornell.edu>>.



## CALENDAR

May 9  
through  
May 16

All items for the Chronicle Calendar should be submitted 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.

## 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," through May 26.

• "A Life Well Lived: Fantasy Coffins of Ghana by Kane Quaye," through June 16.

• Sunday Afternoon Artbreaks: Maryterese Pasquale, senior docent, will present "Women and Art" May 12 at 2 p.m.

• Art for Lunch: Thursday Noontime Gallery Talks: On May 16, museum staff will offer a tour of "A Life Well Lived: Fantasy Coffins of Ghana by Kane Quaye," starting at noon.

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

• Architecture Final & Graduate Reviews, through May 10.

• Sculpture by Stacy Latt, May 12-18.

## Kroch Library Exhibition Room 2B

"Invention and Enterprise: Ezra Cornell, a 19th-Century Life," curated by Elaine Engst, university archivist, through June 9.

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

B.F.A. Thesis Shows, through May 24.

## Veterinary Medical Center

Paintings by Corinne T. Kenney, DVM '62, are on display in the center's gallery through June 9.



Composite photo courtesy of Department of Theatre Arts

Winners of this year's Shavelson Film Awards are, from left, Charlene Sun for *Luce*, Brendan Yetter for *The Chimes of Abraham Bell*, Catherine Tingey for *The Conversation* and Chris Spurgin for *Moonwalk*. The film awards are named for Melville Shavelson '37, an Oscar-nominated screenwriter, producer and director.

## Cornell's student films attract Hollywood attention

By Darryl Geddes

An annual rite of spring on the Cornell campus is the screening of student films. This year, there's a little Mike Figgis, a little Quentin Tarantino, some *Silence of the Lambs*, a tip of the hat to Disney and plenty of action to make audiences squirm, cower, clap and laugh.

Supporting the talent behind these films is Hollywood screenwriter Melville Shavelson, who has established an award program at Cornell for promising filmmakers.

In *Luce*, a social misfit and his flying pixie companion find their friendship threatened when a woman comes between them.

*The Chimes of Abraham Bell* follows one man's destructive obsession with a music box ballerina.

*Moonwalk* tells the tale of a hard-luck entrepreneur who brings his cursed "moonwalk" to carnivals and ends up penniless and lonely.

Two lovers who briefly meet each year over a decade find most of their moments spent in angry discourse in *The Conversation*.

"They're all really about strange and dysfunctional relationships," said Marilyn Rivchin, senior lecturer in filmmaking, speaking about the final projects of the four students in the Advanced Undergraduate Film Program. "The films reflect what they see out there on the big screen."

Three of these films get their world premiere May 12 at 7:30 p.m. in Willard Straight Hall. *Moonwalk* premieres in December.

Charlene Sun, who hopes to attend medical school this fall, said her idea for writing and producing *Luce* was partly inspired by Disney.

"I hated Tinkerbell," she said.

*Luce*, the pixie, is anything but Tinkerbell, the winged sprite who sprinkled pixie dust everywhere to make kids and boats soar in *Peter Pan*.

*Luce*, who resembles a white rag doll with hollow eyes, is kept in a tin box by her human friend, Pablo. All is well until Pablo answers an ad for a sublet and is seduced by a female tenant. The relationship sours when *Luce* witnesses an amorous exchange between the two. Finally after *Luce* is discovered, a violent confrontation between the parties ends in tragedy.

Tragedy or comedy? Sun's classmates chuckled during a recent rough cut screening of the film. "I really want to entertain people," said Sun. "That's my intention with this film."

Entertaining people takes hard work and a lot of money. Sun spent more than a semester on the film, which included writing the script and composing the score, and hundreds of dollars in production costs.

Shooting in film is especially costly, Rivchin said. "You have the cost of film and of processing and sound transfer which is done in New York City. For a student who wants to finish a film print, the costs for a 15 minute film are typically \$2,000 to \$4,000. It's less costly to shoot in film and transfer to video for editing and much cheaper to do it all in video, but most students here like the 'film look.'"

To offset this expense, Hollywood screenwriter, director and producer Melville Shavelson, a 1937 Cornell graduate, has established the Melville Shavelson Film Awards.

The awards — \$1,000 in cash — have been given to the four students in the Advanced Undergraduate Film Program. They are Sun, Chris Spurgin, Catherine Tingey and Brendan Yetter. The establishment of this new film program will enable Cornell's top student filmmakers to have the opportunity to further pursue their film studies.

In addition, Shavelson is supporting the purchase of new film equipment, which will help the film program keep current with the technological changes that affect the filmmaking process.

"This is the most significant individual gift to the film program we've had and one that directly helps undergraduate screenwriters and filmmakers by recognizing our most talented students and helping to support the bottom line," Rivchin said.

Shavelson was twice nominated for an Academy Award for original screenplay for *The Seven Little Foys* and *Houseboat*. He won a Screen Writers Guild Award for *The Five Pennies*. He has written, alone or in collaboration, more than 35 motion pictures and television programs.

Among the stars he has directed are Lucille Ball, Yul Brynner, Kirk Douglas, Clark Gable, Cary Grant, Bob Hope, Sophia Loren, Frank Sinatra and John Wayne.

Shavelson, president of the Writers Guild of America-West, is the author of two novels and four works of non-fiction, including the recent bestseller, *Don't Shoot It's Only Me*, in collaboration with Bob Hope.

Shavelson will attend the May 12 screening of student films and meet with Shavelson Awards winners May 13.

## films

Films listed are sponsored by Cornell Cinema unless otherwise noted. All films are \$4.50 (\$4 for students and children under 12), except for Saturday or Sunday matinees (\$3.50). Films are held in Willard Straight Theatre except where noted.

## Thursday, 5/9

"Nico Icon" (1995), directed by Susanne Oettinger, 7:30 p.m.

"The Usual Suspects" (1995), directed by Bryan Singer, with Chazz Palminteri, Kevin Pollack and Stephen Baldwin, 9:25 p.m.

## Friday, 5/10

"Mary Reilly" (1995), directed by Stephen Frears, with John Malkovich and Julia Roberts, 7:15 p.m., Uris.

"Nico Icon," 7:30 and 9:15 p.m.

"The Usual Suspects," 9:45 p.m., Uris.

"Pee Wee's Big Adventure" (1985), directed by Tim Burton, with Pee Wee Herman, midnight, Uris.

## Saturday, 5/11

"The World of Apu" (1959), directed by Satyajit Ray, with Soumitra Chatterjee and Sarmila Tagore, 7 p.m.

"Pee Wee's Big Adventure," 7:20 p.m., Uris.

"Nico Icon," 9:25 p.m.

"Mary Reilly," 9:25 p.m., Uris.

"The Usual Suspects," midnight, Uris.

## Sunday, 5/12

"Mary Reilly," 4:30 p.m.

Cornell Student Films II, 7:30 p.m.

## Monday, 5/13

"The Last Temptation of Christ" (1988), directed by Martin Scorsese, with Willem Dafoe,

Harvey Keitel and David Bowie, 7 p.m.

"Pee Wee's Big Adventure," 10:15 p.m.

## Tuesday, 5/14

"Mary Reilly," 7 p.m.

"Heat" (1995), directed by Michael Mann, with Robert DeNiro, Al Pacino and Val Kilmer, 9:30 p.m.

## Wednesday, 5/15

"A Better Tomorrow I" (1986), directed by John Woo, with Chow Yun Fat, Leslie Cheung and Ti Lung, 7:15 p.m.

"Heat," 9:30 p.m.

## Thursday, 5/16

"Carmen Miranda: Bananas Is My Business" (1995), directed by Helena Solberg, with Cynthia Adler, Eirck Barreto and Leticia Monte, 7:15 p.m.

"A Better Tomorrow I," 9:15 p.m.

## graduate bulletin

• **Move to Caldwell:** The following Graduate School offices have moved from Sage Hall to Caldwell Hall: Records Office, Thesis Adviser, Admissions Office, and Fellowships and Financial Aid Office. The Deans' offices and the Publications and Statistics Office will move on May 14 and will be closed that day.

• **May degree:** All requirements for a May degree must be completed by May 17.

• **Commencement:** Commencement is on Sunday, May 26. Commencement information packets have been mailed to all recipients of August 1995 and January 1996 degrees. Candidates for May 1996 degrees: Professional Master's degree candidates may obtain packets in graduate field offices; M.A., M.S., and Ph.D. degree candidates may pick up packets at the Graduate School.

Continued on page 11