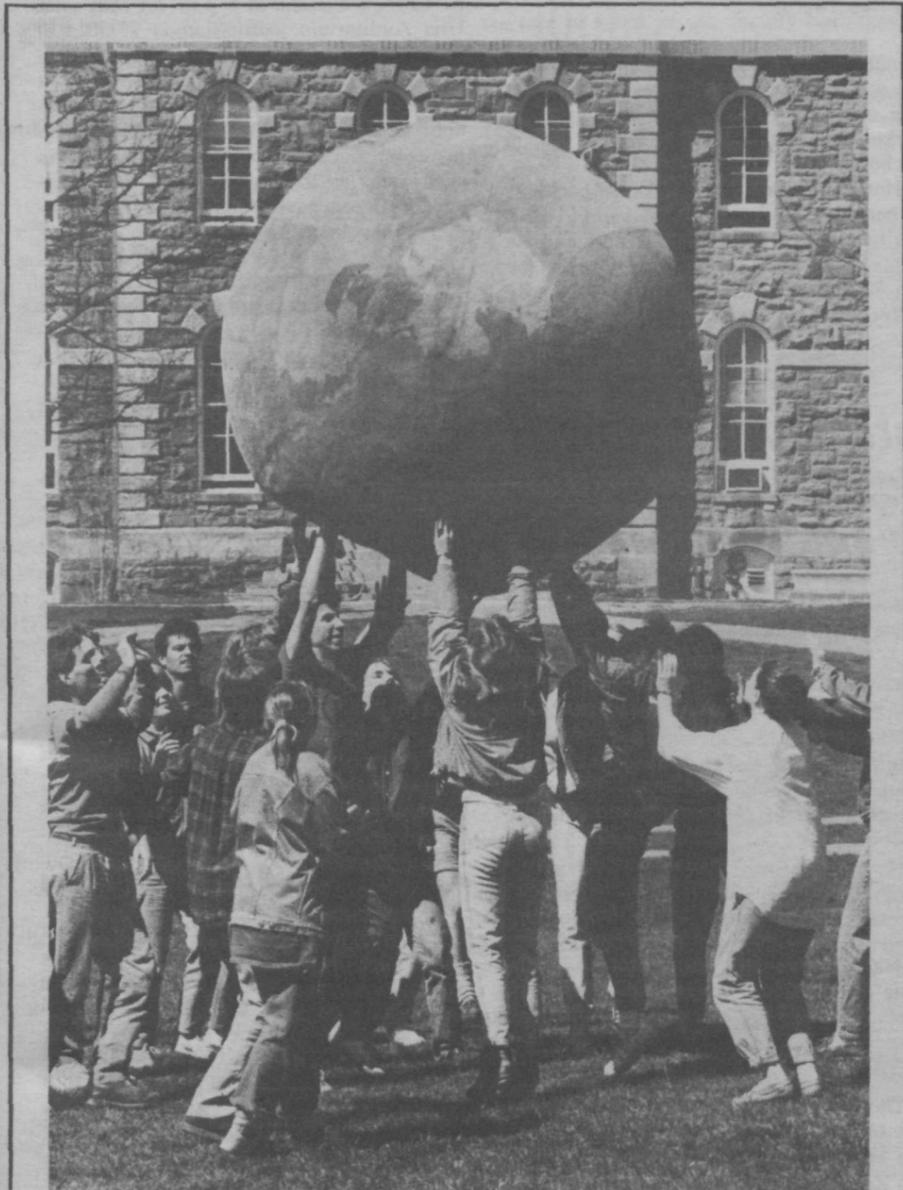
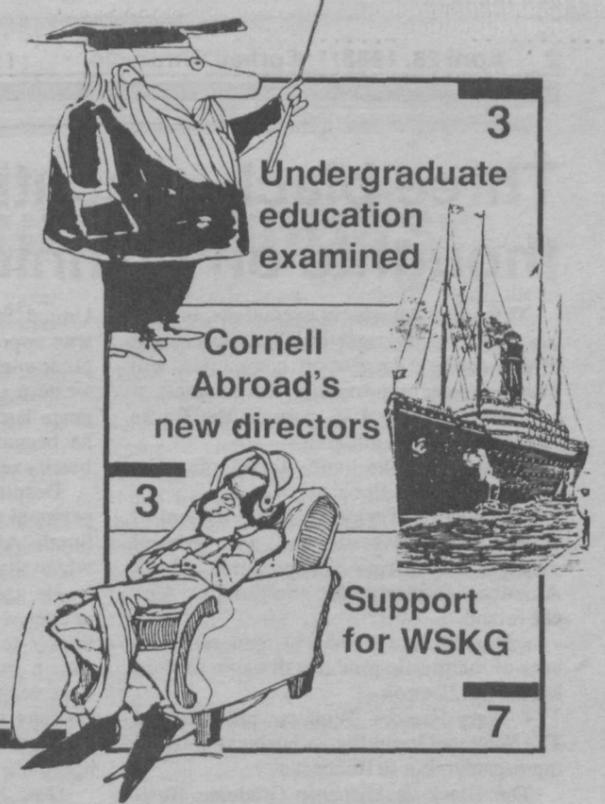


# Cornell CHRONICLE

Volume 19 Number 30 April 28, 1988



Students celebrate Earth Day on the Arts Quad, April 22. *Claude Levett*

*"The imagination of nature is far, far greater than the imagination of man. For instance, how much more remarkable is it for us all to be stuck — half of us upside down — by a mysterious attraction to a spinning ball that has been swinging in space for billions of years than to be carried on the back of an elephant supported on a tortoise swimming in a bottomless sea."*  
—Richard Feynman (1919-1988)

## 30,000 expected to attend commencement on May 29

Cornell's 120th commencement will mix leisurely strolling with precise deadlines and formal ceremony with relaxed celebration as it unfolds over two and a half hours on May 29.

The formal finale, when President Frank H.T. Rhodes confers degrees on about 5,000 undergraduate and graduate students, will take place between noon and 1 p.m. on Schoellkopf Field.

The graduates and faculty members will be seated on the field facing the west stands, at the foot of which will be a white-canopied ceremonial stage with 75 folding chairs for Rhodes, academic deans and university administrators.

About 250 Ph.D. recipients will march to the stage in alphabetical order for a presidential handshake and photo, and then return to their seats at the northwest corner of the field.

All other graduates, clustered by degrees and by their Cornell schools and col-

leges, will simply rise en masse to have their degrees conferred by Rhodes and flip the tassels of their caps from right to left, signifying passage. (Provost Robert Barker has urged graduates, for the safety and comfort of their colleagues, not to toss caps — or pop champagne corks.)

Beyond the faculty and students seated on the field, Rhodes will look across to the Schoellkopf Crescent, whose 20,638 seats are invariably filled for this annual rite. Another 4,000 people will fill the west stands, and hundreds will watch the spectacle on foot, predicts commencement coordinator Vickie Goss, who will be watching her own production from the artificial turf as recipient of an M.B.A. from the Johnson Graduate School of Management.

To ensure that the participants can get into the field for the ceremony, the Commencement Committee has asked spectators to be in place a full hour before the

*Continued on page 8*

## New corporate liaison post to boost outreach

The university has created the new position of deputy vice president for research and has named the chairman of the chemistry department, John R. Wiesenfeld, as the first person to fill it.

The announcement was made by Joseph Ballantyne, vice president for research.

Wiesenfeld sees his job as coordinating the university's already strong corporate outreach programs.

"Cornell already boasts an effective corporate fund-raising staff and a faculty that is extremely proficient at working with federal agencies to secure funding," said Wiesenfeld, who will assume his new duties part time effective immediately and full time in January after a sabbatical beginning in June.

"We also have many faculty with entrepreneurial talents who have forged effective partnerships with industry," he continued. "My principal role will be to help develop a consistent plan to coordinate these outreach programs and to support interested faculty in dealing with corporations."

Ballantyne said Wiesenfeld understands "both the academic world of Cornell and its research, and the benefits that corporations hope to gain from interactions with universities."

The Department of Chemistry received \$6.6 million in external research funds last



John R. Wiesenfeld *Claude Levett*

year, including support from more than 30 companies.

Wiesenfeld's duties also will include a broad role in local Cornell and national research issues, including representing the university to regional, national and international research agencies, Ballantyne noted.

In particular, Cornell needs to encourage

*Continued on page 8*

## Final state budget leaves some key items unresolved

The state budget passed last week left Cornell in virtually the same position it had been before the intensive negotiations of the last several weeks, but university officials emphasized that some priority matters are still unresolved.

"Some reports have said the legislature rejected things which, in reality, it simply deferred action on," said John F. Burness, vice president for university relations. "It's still quite possible that in the weeks and months ahead, we'll get favorable action on some very important matters."

The state operating budget gave Cornell just over \$102 million, which is about \$2.7 million, or 2.7 percent, more than last year and \$6 million less than requested for the statutory units — the Colleges of Agriculture and Life Sciences, of Human Ecology and of Veterinary Medicine and the School of Industrial and Labor Relations.

The biggest problem, according to Malden C. Nesheim, vice president for budgeting and planning, will result from rejection of a \$3.2 million Cornell request to meet increased utility costs, inflationary increases for supplies and expenses, and support for salaries.

The legislature did approve an \$8 million lump sum toward those costs at all 34 State University of New York units; and Nathan Fawcett, director of statutory college affairs, said this week that he had been "notified that we will be receiving some relief" from that sum. But it still will leave the university far short of what it needs.

Outside the operating budget, Cornell also received about \$1.5 million in new

contracts with state agencies — mostly for agriculture-related projects.

The final budget of last week did add two relatively small but valued items, Nesheim said. There was a doubling, from last year's figure of \$130,000, of fellowship funds to help Cornell recruit academically superior graduate students from minority groups; and the School of Industrial and Labor Relations got half of \$200,000 — split with New York University — to collect scattered historical papers on the labor movement in the state.

The unresolved matters referred to by Burness included:

- The request for a \$20 million loan to help build the new Theory Center. It is tied up with a stalled package of \$50 million in high-technology educational projects.

- A plan to raise from \$3 billion to at least \$4 billion the ceiling on bonded indebtedness for SUNY capital construction. If the increase is approved this year, Cornell will proceed, with \$9 million worth of planning to renovate and expand the Veterinary College and the Mann and Catherwood libraries. The action is backed up by the more general deadlock over legislating the use of contracting companies owned by women and minority-group members.

- Possible changes in the Tuition Assistance Program levels of eligibility and maximum amounts.

- Governor Cuomo's proposal for Liberty Scholarships to supplement existing aid plans to guarantee worthy students the cost of a college education in the state.

*—Sam Segal*

## Three black executives to offer thoughts on planning a career

Three black business executives, including a general manager in BP America, one of the nation's largest oil companies, will discuss career opportunities for students at a forum today at 4:30 p.m. in the Bache Auditorium of Malott Hall.

Speaking on the topic "Developing Career Strategies" will be:

- Charles E. Taylor, former president of Wilberforce University and now general manager for marine transportation of BP America, formerly the Sohio Oil Co., Cleveland.

- Ronald E. Goldsberry, general manager of the plastic products division of Ford Motor Co., Detroit.

- Mary-Frances Winters, president of The Winters Group Inc., a business consulting organization in Rochester.

The Black & Hispanic Graduate Business Association in the Johnson Graduate School of Management arranged the forum after Curtis W. Tarr, dean of the Johnson School, invited Taylor to meet with Cornell M.B.A. candidates.

"Our speakers will discuss experiences that are most useful on the job, choosing a line versus a staff position, and choosing a corporate or entrepreneurial environment," said Dorothy Clark, president of the student organization.

Taylor, who received his Ph.D. from Ohio State University in 1971, became one of the youngest college presidents in the

United States in 1976 when at age 32 he was appointed president of Wilberforce, a predominantly black university in southwestern Ohio. He left the university eight years later to join Standard Oil Co., where he became the company's highest-ranking black executive.

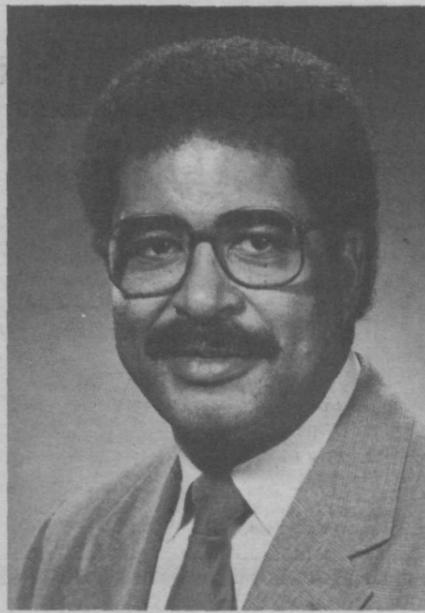
Despite corporate concerns about his personal safety, he volunteered and went to South Africa to inspect an operation in which Standard Oil held a minority interest.

He gained visibility in London when he delivered a report on U.S. corporate philanthropy to executives of British Petroleum Co., a major shareholder in Standard Oil. Last year, British Petroleum took over operations of Sohio Oil and renamed it BP America. Taylor manages a \$550 million operation and a staff of 100 people.

Goldsberry holds a Ph.D. in chemistry from Michigan State University and an M.B.A. in finance and marketing from Stanford University.

Before joining Ford, he was a research chemist for the National Aeronautics and Space Administration and held executive positions in Hewlett Packard Co., Boston Consulting Group, Gulf Oil Corp., Hooker Chemical Co. and Occidental Chemical Corp. Goldsberry received an Excellence in Management Award from Industry Week.

Winters' corporate career includes 15 years in market research, management, per-



Charles Taylor

sonnel, administration, telecommunications and public relations. Before founding her own company in 1984, she was a senior market analyst for Eastman Kodak Co. in Rochester.

Her consulting firm works with clients in banking, government, education, electronics and health care. She serves on a number of boards, including those of the Girl Scouts of America and the University of Rochester, where she earned an M.B.A.

—Albert E. Kaff

## Israeli professor, Yesh G'vul member, to speak on May 3

An Israeli professor will lecture on the military, political and moral dilemmas in the Middle East on May 3 at 8 p.m. in the Edwards Room of Anabel Taylor Hall on the Cornell campus.

Gidon Kunda, a sociology and anthropology professor at Tel Aviv University in Israel, is a visiting assistant professor in Cornell's School of Industrial and Labor Relations.

He is a member of the Israeli group "Yesh G'vul" ("There is a Border!" or "There is a Limit!"), whose members refuse to serve with the Israeli military in the occupied territories on the West Bank and in Gaza.

During his lecture, Kunda will discuss the risks and potential accomplishments of refusing to serve in the military.

The lecture is being sponsored by Support for Israeli Peace Groups, Ithaca College Hillel, New Jewish Agenda, Progressive Zionist Caucus and the Social Action Group of Temple Beth-El.

## Obituary

A memorial service and informal reception were held on April 24 at Anabel Taylor Hall for Ruth St. John Freeman, who died April 6 at Oak Hill Manor at the age of 86.

A life-long international activist for peace and social justice, she was the first woman instructor in the College of Arts and Sciences where she taught geology from 1922 to 1930.

In 1984, she and her husband, Harrop A. Freeman, a Cornell law professor emeritus, established a \$1,000 annual prize "for an outstanding graduating Cornell senior who has shown interest in the area of peace studies and who intends to continue to work or study in that field."

Freeman received a bachelor of arts degree in 1922 and a masters degree in 1925 from Cornell. She was the author of articles and books on sociology, peace, counseling, history and foreign policy and had lectured in nearly 100 countries. She also wrote several children's books.

She was local, state and national president and chairwoman of the board of the Women's International League for Peace and Freedom.

In addition to her husband, survivors include a son, Norman D. Freeman of Port St. Lucie, Fla., six grandchildren and two great-grandchildren.

## New ombudsman sought

A search is under way for a new ombudsman to succeed John W. DeWire, an emeritus professor of physics who is stepping down at the end of this term after serving in the post since 1983.

President Frank H.T. Rhodes has indicated his preference for a tenured faculty member to serve as ombudsman, so they are being encouraged to submit applications to Joycelyn R. Hart, associate vice president for human relations, at 303 Day Hall. Her phone number is 255-5358. The term is for two years, starting July 1.

In addition to Hart, the other members of the Ombudsman Search Committee appointed by Rhodes are a Cornell employee,

administrative assistant Elizabeth S. Bagardi; a student, Elaine H. Cheon; agricultural engineering Professor J. Robert Cooke; physics Professor Donald F. Holcomb; apiculture Professor Roger A. Morse; and Professor Jean Robinson, chairwoman of the Department of Consumer Economics and Housing.

Hart said the university ombudsman "plays a delicate but crucial role in setting the tone of relationships between people and the complex administrative apparatus of Cornell. His or her personal attributes are more important than any detailed job description."

She emphasized that "the ombudsman must be fair and objective, sensitive to the whole range of campus issues and able to examine legalistic questions."

During the 1986-87 academic year, the four-member ombudsman's office responded to some 400 issues raised by students, faculty and staff. All information is kept strictly confidential, and most cases are resolved through a mutual agreement reached by the parties concerned.

The ombudsman's office is in 116 Stimson Hall, and the phone number is 255-4321.

## CCPA urges artists to apply for grants

Applications for grants of up to \$500 may be submitted to Cornell's Council of the Creative and Performing Arts through May 9.

Students and staff are eligible for 1988-89 grants for projects, which must be completed and presented within 12 months. The awards are made to cover costs of materials for art projects not primarily concerned with course work or research.

The council also is accepting proposals for 1988-89 programs involving visiting artists and performers. Proposals may be submitted for cultural activities that are not part of the regular academic responsibility of individual departments. The projects must have a public interest and may include theater and music productions, exhibitions, poetry and prose readings, literary journals, multi-media programs and visiting artists.

For more details, contact Anna Geske, program director, at the council's office in the A. D. White House, 255-7274.

In specific areas, contact: Vincent Mulcahy or John Zissovici, architecture; Roberto Bertoia, Thomas Leavitt or Stanley Taft, art; Joyce Morgenroth, dance; Beate Ziegert, design; James McConkey or Walter Slatoff, creative writing; Richard Herskowitz or Marilyn Rivchin, film; Sonya Monosoff or Steven Stucky, music; and David Feldshuh or Jill Moon, theater arts.

## Correction

A caption on the front page of last week's Chronicle incorrectly described activities at the Livestock Pavilion on April 16 as being part of the Veterinary College's Open House. The pavilion was the site of the Cornell Round-Up Club's annual livestock show for students to show farm animals.

## Cornell Chronicle

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GRAPHICS: Cindy Thiel  
CIRCULATION: Joanne Hanavan

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It is the policy of Cornell University to support actively equality of educational and employment opportunity. No person shall be denied admission to any educational program or activity or be denied employment on the basis of any legally prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, sex, age, or handicap. The university is committed to the maintenance of affirmative action programs that will assure the continuation of such equality of opportunity.

## Briefs

■ **Beebe Lake:** The 150th birthday anniversary of Beebe Lake, created in 1838 when a youthful Ezra Cornell dammed up what according to legend was known as Flea Hollow Swamp, will be celebrated May 1 between 1 and 6 p.m. with a series of events, including a floating birthday cake. Other activities aimed at both young and old will include natural history walks, talks, tours, musical entertainment, foot races and a puppet show. Cornell President Frank H.T. Rhodes, Ithaca Mayor John Gutenberger and Ithaca Centennial Commissioner Robert Kane will take part in the celebration. For more information, telephone 255-8722 or 255-8734.

■ **Lacan on Lacan:** A television interview with the psychoanalyst Jacques Lacan, often called the French Freud, will be shown by Cornell Cinema at 8 p.m. on May 3 in Uris Auditorium; admission is \$3.50. In addition, a guest speaker, psychoanalyst Jean-Paul Sarre, who was trained by Lacan, will discuss Lacan's work. During the one-hour and 40-minute television show made in 1974, Lacan discusses his theories in such areas as the unconscious, the difference between psychoanalysis and psychotherapy, love and women.

■ **Hydrant flushing:** The annual flushing of fire hydrants on campus is scheduled for May 2 through May 13. Although the process may result in cloudy water, it will be safe to drink, according to Douglas Clark, manager of the Water and Sewer Division of the university's Department of Utilities.

■ **Public service jobs:** Devon C. Smith, associate director of the Cornell Career Center, has edited the first comprehensive directory to publications concerning public-sector jobs and careers. The bibliography, titled "The Fourth of July Resource Guide for the Promotion of Careers in Public, Community, and International Service," covers some 500 publications for students and professionals wanting to know more about job opportunities in the public sector. Described by Career Opportunities News as a "four-star book," the book was published last fall by the Middle Atlantic Placement Association.

■ **Singer and songwriter:** Folksinger and instrumentalist Bob Franke, described by one critic as a "songwriter's songwriter," will perform at Kaufmann Auditorium in Goldwin Smith Hall at 8 p.m. on April 30. Tickets are \$5 at the door and \$4 for students and senior citizens; \$4 advance tickets are available at the Commons Coffeehouse in Anabel Taylor Hall, downtown at Borealis Bookstore and in Collegetown at Rebo Records and Tapes. The public will have an opportunity to meet informally with Franke at 3 p.m. on April 30 in the Commons Coffeehouse to discuss songwriting and performing and its implications for society.

■ **College teaching:** Psychologist Wilbert J. McKeachie, an authority on college teaching, will discuss "Teaching in a Changing World" in the final lecture of the Department of Education's spring lecture series at 4:15 p.m. on May 2 in the W.I. Myers Seminar Room on the fourth floor of Warren Hall. A reception will follow. McKeachie is associate director of the National Center for Research to Improve Post Secondary Teaching and Learning at the University of Michigan and author of "Teaching Tips: A Guidebook for the Beginning College Teacher," now in its eighth edition.

■ **Feminists in action:** Two feminist leaders, Charlotte Bunch and Roxanna Carrillo, will discuss the topic "Feminist Theory in Action: Women's Projects in Latin America and South Asia" at 7:30 p.m. on May 2 in the Hollis E. Cornell Auditorium of Goldwin Smith Hall. Bunch, who occupies the New Jersey State Chair in Women's Studies at Rutgers University, has written extensively on feminist thought. Her most recent work is "Passionate Politics: Feminist Theory in Action." Carrillo is a journalist and editor and feminist organizer in Peru where she heads the Women's Resource Center. She is currently a visiting scholar at the Center for American Women in Politics at Eagleton Institute, Rutgers University. The event here is sponsored by a Cornell graduate student group known as Women in International Development.

# Provost's panel to consider curriculum changes

A core curriculum for all students, more course-related internships and fewer barriers between academic departments are among the ideas to be reviewed by the Provost's Commission on Undergraduate Education as a result of an April 9 conference titled "Professionalism, Vocationalism, & Liberal Education."

The day-long conference involved some 70 faculty members, administrators, students and guests, including President Frank H.T. Rhodes and Trustee Aubrey E. Robinson Jr., a federal district court judge who left Washington to spend his Saturday listening to guest speakers and joining small-group discussions.

"I came because I'm on the board's Academic Affairs Committee, which is perennially interested in undergraduate education," Robinson said later. "The day was intellectually stimulating, and the introduction of new thinking is promising."

The provost's commission grew out of a conference two years ago, and its four subcommittees recently began broad reviews of aspects of campus and academic life. Their reports, due by the fall, will go to the full

commission, as will the recommendations made April 9 by the conference's three workshops. In about two years, the commission will make recommendations that should shape Cornell's educational and living arrangements for decades to come.

In inviting participants to the conference, Larry I. Palmer, vice president for academic affairs, cited "considerable concern at the apparent loss of a common higher purpose in undergraduate education"; and in remarks April 9, he added the concern that "there's been lots of talk in the media and by some of our colleagues about the preoccupation of students with careers, with vocations — a loss of a sense of the purpose of undergraduate education."

Rhodes, addressing the plenary session in Malott Hall, acknowledged the inertia they all face:

"A glazing of the eyes takes place when we talk to some of our faculty colleagues about changing the curriculum," he said.

Rhodes said universities cannot go back to "the good old days when a narrow liberal arts curriculum was standard" but expressed hope for a "kindling of a new spirit

of liberal learning" within a changed undergraduate model that accepts the appropriateness of professional aspirations.

He cautioned, though, that Cornell must distinguish modern, professional education from mere vocational training, which he called "narrow, with no sense of context, no sense of social obligation, no sense of professional responsibility."

The keynote speaker, Professor Donald Schön of the Massachusetts Institute of Technology, said all professional education should incorporate methods used in the training of artists. Like Law School Professor Alfred Aman, another speaker, Schön talked favorably of the intimate interaction of teacher/coaches at music schools that teach practice as well as theory.

Professional education should teach creative problem-analysis and solution, but more, too, about real professional work of the future, Schön said.

Schön, author of "The Reflective Practitioner: How Professionals Think in Action," said doctors report that the problems of 30 to 70 percent of the patients who walk into their offices "are not in the book."

Three afternoon workshops, with the senior faculty members and guest speakers who led them, were: "Professional Undergraduate Education," Nicholas Salvatore of the School of Industrial and Labor Relations and David Billington, a Princeton professor of engineering and an A. D. White Professor at Large here; "Graduate Professional Education," Peter Bruns, director of the Division of Biological Sciences, and Dr. Fredric D. Burg, associate dean for academic programs at the University of Pennsylvania School of Medicine; "The Role of Classic Learning in a Professionalized World," Davydd Greenwood, director of the Center for International Studies, and Kathleen A. Frankovic, director of surveys for CBS News Election and Survey Unit.

The workshops' suggestions for review included core courses — in specific readings and/or in ways of thinking — as well as more inter-departmental programs, more dialogue between undergraduate programs and graduate and professional schools, and more chances for undergraduates to apply their study in the off-campus world.

— Sam Segal

## 3 directors named for Cornell Abroad

Cornell Abroad has announced the appointments of faculty resident directors in West Germany, France and Spain for the 1988-89 academic year.

Ciriaco M. Arroyo, the Emerson Hinchliff Professor of Hispanic Studies and Comparative Literature, will direct the program at the University of Hamburg. Arroyo pursued graduate studies at the University of Munich, West Germany, receiving his Ph.D. there in 1963.

Arroyo will teach an interdisciplinary course in German thought in the 20th century to Cornell students enrolled in the University of Hamburg. He also will continue his research on the history of Spanish thought in the 20th century while living at the Cornell center next to the University of Hamburg campus.

Having observed the German and American university systems "from the inside and outside," Arroyo said he is in a position to help Cornell students in Hamburg to understand and cope with the different teaching systems of the two universities, and to profit from the comparison.

Anne Berger, an assistant professor of French, will be at the University of Paris during the fall term, and Jeannine Suzanne Routier Pucci, a lecturer in modern languages and linguistics, will direct the program during the spring term.

Berger received a bachelor's degree with very high honors from the Academie de Paris in 1975 and is currently in Paris completing her doctoral thesis in French literature at the university.

Routier Pucci has done undergraduate and graduate work in Spanish at the University of Paris and field work in anthropology in Peru and Mexico. She received a diploma in advanced studies from the Ecole des Hautes Etudes en Sciences Sociales in Paris in 1982. She will be teaching Cornell exchange students a course on "The Cultural Spaces of Paris: A Semiotic Reading," which will include visits to Paris theaters and museums. "It will be exciting to teach them about my city," she said.

William Lamar Herrin, associate professor of English and director of the Creative Writing Program, will direct the program at the Universities of Madrid and Seville. Herrin taught English as a foreign language at schools in Cataluna and Barcelona, Spain, from 1970 to 1973, and has lived in Spain for seven years.

He and his wife, a native of Valencia, Spain, will be in Seville at the Cornell-Michigan Center from September through mid-June 1989. Herrin will teach a creative writing course at the center focussing on the life and culture of Spain.



Claude Levet

Cornell Abroad's three new directors are, from left, Ciriaco Arroyo, who will direct the program in West Germany; Jeannine Suzanne Routier Pucci, who will be in Paris; and William Lamar Herrin, headed for Spain.

Herrin said he looks forward to introducing "appreciative American college students to a people and culture that have been the single greatest influence on my life."

The Cornell Abroad programs in West Germany, France and Spain offer students the advantage of student centers maintained on or near the university campuses. The centers are equipped with libraries, computers and meeting rooms. Resident directors and their staffs conduct orientation programs for Cornell undergraduates in the language, culture and politics of the countries involved. Students live with families or in student residences, and use the centers for special academic programs.

While enrolled in these programs, undergraduates re-

main registered at Cornell, receive Cornell credit for approved course work, and retain their eligibility for financial aid. The resident directors and staff assist students with housing, academic programs and learning the culture of the host countries.

The program at the University of Paris, known as EDUCO, is run by Cornell and Duke University. Cornell and the University of Michigan jointly administer the program of study in Spain.

Cornell students seeking information about the university's exchange programs should contact the Cornell Abroad Office in 401 Uris Hall.

— Joe Leeming

## Rhodes urges efforts to eradicate sexual harassment

President Frank H.T. Rhodes, saying that sexual harassment "has a corrosive effect on the campus community," has called on educators nationwide to use enforcement and education to eradicate such behavior.

"Few would dispute that the basic integrity of the university community is threatened whenever a faculty member or supervisor intimidates a junior colleague or students by making unwanted sexual overtures," Rhodes told more than 200 deans, faculty, administrators and student leaders who attended a day-long conference on April 8 at the Borough of Manhattan Community College. The conference was sponsored by the Institute for Women and Work of Cornell's School of Industrial and Labor Relations.

In his keynote address, Rhodes pointed to a 1986 survey here in which 61 percent of the upperclass and graduate women students surveyed said they had experienced

some form of unwanted sexual attention from someone in authority over them while at Cornell.

In 1986-87, the university received 22 sexual harassment complaints, Rhodes added. (Among those 22 complaints, four complaints were resolved through resignations, seven persons were warned to stop their behavior, in three cases university staff did not find evidence of sexual harassment and other cases were dropped by the person filing the report or because of the length of time since the alleged harassment took place.)

Since 1983, Cornell's affirmative action plan has prohibited sexual harassment and provided procedures to deal with harassment complaints, Rhodes pointed out. Sexual harassment also is an explicit violation of the student code of conduct, and "no one at Cornell will suffer retaliation from any university official for having reported an

incident," he said.

But "policies and procedures . . . can have only limited impact in the absence of a positive human relations climate on campus — a climate that stresses civility, sensitivity to the feelings of others and the maintenance of a caring community," Rhodes added.

Workshops for faculty and staff, student orientation programs, and required training for faculty and staff in supervisory positions all try to build an awareness of the evils of sexual harassment, he explained.

"These educational efforts are not simply high-sounding moralizing or a series of 'thou shall nots,'" Rhodes told the educators and students. "Rather, they provide mechanisms through which all members of the community can examine their assumptions and attitudes."

"Sexual harassment is singularly inappropriate anywhere, but especially in a uni-

versity community dedicated to ensuring basic civility and a respect for the dignity of every individual," Rhodes said. "Unfortunately, it is far more prevalent on our campuses than we might have hoped."

In a separate statement on sexual harassment, Rhodes said: "We need to be reminded that sexual harassment in all of its manifestations from inappropriate comment to rape can happen even at Cornell. Such threats to the basic integrity of the university community cannot be tolerated. A supportive living and working environment, free from fear of intimidation, harassment or attack, is the right of all members of our community. We must recognize the physical and emotional threats involved in all coercive sexual behavior. There must be no mistake about our determination to eradicate such behavior from our campus. Collectively and individually we need to take a stand on this issue."

# CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road, Ithaca, NY 14850.

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

Notices should also include the sub-heading of the calendar in which the item should appear.

## DANCE

### Cornell Folkdancers

The Cornell community and the general public and beginners are welcome to join in folkdancing. Admission is free, unless stated otherwise.

Instruction and requests, April 30, 7:30-10:30 p.m., North Room, Willard Straight Hall.

### Israeli Folkdancing

Folkdancing, Thursday evenings, 8:30 p.m. in the Edwards Room, Anabel Taylor Hall.

## 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. Call 255-6464 for further information.

"New Photography 2," featuring works in color by three contemporary photographers — Mary Frey, David Tavener Hanson and Philip Lorca diCorcia — will be on view through June 11. The exhibition was organized by John Szarkowski, director of the Department of Photography of The Museum of Modern Art, New York City, and an A.D. White Professor-at-Large here.

"Bryan Hunt: Falls and Figures," an exhibition featuring some 30 drawings and 20 bronze sculptures spanning Hunt's evolution from abstract water images to more figurative forms, through May 22.

### Uris Library

"U.S. Hispanics' Contributions to the Development of North American Culture," on view through May 15, Uris Library. Sponsored by the Hispanic American Studies Program.

## FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (\*) indicates that admission is charged.

Cornell Cinema asks all those interested in co-sponsoring series or individual films in the fall to submit their proposals by May 6. Please direct any questions or requests for assistance to Richard Herskowitz, 255-3522.

### Thursday, 4/28

"Footprints of Buddha," South Asia Film Series, 5 p.m., 310 Uris Library.

"Welfare" (1975), directed by Frederick Wiseman, co-sponsored by the Arts College Pentangle Program, 8 p.m., Uris.

"Chulas Fronteras" co-sponsored by CUSLAR, 8 p.m., Anabel Taylor.

### Friday, 4/29

"Hey Babu Riba" (1986), directed by Jovan Acin, with Djorge Nenadovic and Relja Basic, 7:15 p.m., Uris.\*

"Matewan" (1987), directed by John Sayles, with Chris Cooper, Will Oldham and James Earl Jones, co-sponsored by Worker-Student Alliance, 8 p.m., Anabel Taylor.\*

"Eddie Murphy: Raw" (1987), directed by Robert Townsend, with Eddie Murphy, 9:45 p.m., Uris.\*

"Sign O' The Times" (1987), directed by Prince, with Prince, Sheila E. and Sheena Easton, midnight, Uris.\*

### Saturday, 4/30

"Hey Babu Riba," 7:15 p.m., Uris.\*

"Matewan," 8 p.m., Anabel Taylor.\*

"Sign O' The Times," 9:45 p.m., Uris.\*

"Eddie Murphy: Raw," midnight, Uris.\*

### Sunday, 5/1

"Before Hollywood III: America in Transition" (1909-12), co-sponsored by CCPA, by Sidney Olcott, Larry Trimble, Van Dyke Brooke and others, 2 p.m., Johnson Museum.

"Matewan," 4:30 p.m., Uris.\*

"Eddie Murphy: Raw," 8 p.m., Uris.\*

### Monday, 5/2

"The Big Sleep" (1946), directed by Howard Hawks, with Humphrey Bogart and Lauren Bacall, 8 p.m., Uris.\*

### Tuesday, 5/3

"Abnaki: The Native People of Maine" (1982), directed by Jay Kent; "Box of Treasures" (1983), directed by Chuck Olin Assoc.; "Our Sacred Land" (1984), directed by Chris Spotted Eagle, co-sponsored by Native American Students Association, 4:30 p.m., Uris.

"Jacques Lacan's Television" (1974), directed by Benoit Jacquot, with guest speaker Jean Paul Sarre, a psychoanalyst trained by Lacan, 8 p.m., Uris.\*

### Wednesday, 5/4

"The Jerk" (1979), directed by Carl Reiner, with Steve Martin and Bernadett Peters, 8 p.m., Uris.\*

## LECTURES

### Astronomy

"Black Holes: The Evolution of a Concept, 1783-1988," Kip Thorne, The William R. Kenan Jr. Professor and Professor of Theoretical Physics, California Institute of Technology and A.D. White Professor-at-Large, April 28, 8 p.m., auditorium, Rockefeller Hall.

### Chemistry

"Inorganic Chemistry Related to Biological Processes," Richard H. Holm, Harvard University, part of the 1988 Baker Lecture Series, April 28, May 3 and May 5, 11:15 a.m., 119 Baker Laboratory.

### Education

"Teaching in a Changing World: Dilemmas and Challenges," Wilbert J. McKeachie, Psychology, University of Michigan, Ann Arbor, May 2, 4:15 p.m., W.I. Myers Seminar Room, 401 Warren Hall. Part of the lecture series "Teaching in a Changing World: Dilemmas and Challenges."

### Engineering

"Understanding Fluidized Beds," George K. Batchelor, F.R.S., professor emeritus, University of Cambridge, co-sponsored by the Graduate Field of Aerospace Engineering, April 29, 4:30 p.m., B17 Upson. This is the Fourth Annual W.R. Sears Distinguished Lecture.

### History of Art

"Viking Art and Stone Sculpture on the Isle of Man and in Northern Ireland," Christopher Morris, Durham University, May 2, 8 p.m., Goldwin Smith 22.

### Music

"The Origins of Bach's Cantata 'Ich hatte viel Bekummernis,'" William Cowdery, graduate student, Cornell, May 4, 4 p.m., Grout Room, Lincoln Hall.

### Plantations

"Making A Lot More Out of Your Garden," Jim Cross, Environmentals Nursery, April 30, 1:30 p.m., 135 Emerson Hall.

### Support for Israeli Peace Groups (SIPG)

"Yesh G'vul (There is A Limit!)", one Israeli perspective on the current Mideast crisis and the moral dilemma of military service, Gidon Kunda, member of Yesh G'vul; visiting assistant professor School of Industrial and Labor Relations, Cornell; Sociology and Anthropology, Tel Aviv University, May 3, 8 p.m., Edwards Room, Anabel Taylor Hall.

### Society for the Humanities

"The Black Church and Oppositional Politics," Cornel West, Union Theological Seminary, part of the Toni Morrison Lecture Series, April 28, 4:30 p.m., Guerlac Room, A.D. White House.

"Anthropology, Photography and Politics in Victorian America," Joan Mark, History of Anthropology, Harvard, April 28, 4:30 p.m., 22 Goldwin Smith Hall.

### Southeast Asia Program

"Issues of First Asylum and Protection," Carol Hecklinger, director, Office of Refugee Admissions and Processing, Refugee Bureau, U.S. Dept. of State, April 28, 12:20 p.m., 102 West Ave. Extension.

Topic to be announced, George Mc T. Kahin, Government and Asian Studies, Cornell, May 5, 12:20 p.m., 102 West Ave. Extension.

### University Lectures

"Irish Tree-Rings and the Santorini Connection: Turning Prehistory into History," M.G.L. Baillie, Centre for Palaeoecology, Queen's University, Belfast, May 4, 4:30 p.m., Hollis E. Cornell auditorium, Goldwin Smith Hall.

### Western Societies

"State and Nation: The French Etat-Nation," Alain Guery, EHESS, CNRS, April 29, 12:15 p.m., 153 Uris Hall.

"Institutional Racism in the Federal Republic of Germany," Stephen Castles, visiting scholar, May 2, 4:30 p.m., 153 Uris Hall.

"On the Relation of Philosophy and History," Roger Chartier, EHESS and first Einaudi Professor, May 3, 4:30 p.m., Guerlac Room, A.D. White House.

### Women in International Development Student Group

"Feminist Theory in Action: Women's Projects in Latin America and South Asia," Charlotte Bunch, Laurie New Jersey State Chair in Women's Studies, Rutgers University, and Roxanna Carrillo, Rutgers University, May 2, 7:30 p.m., Hollis E. Cornell Auditorium, Goldwin Smith Hall.

## MUSIC

### Bound for Glory

Tom May, from Omaha, May 1. Bound for Glory presents three live sets, at 8:30, 9:30 and 10:30 p.m., most Sundays at the Commons Coffeehouse, Anabel Taylor Hall. Admission is free. The show can be heard from 8 to 11 p.m. on WVBR-FM93.

### Commons Coffeehouse

Bob Franke, singer and songwriter, April 30, 8 p.m., Kaufmann Auditorium, Goldwin Smith Hall. Co-sponsored by the Protestant Cooperative Ministry. Tickets \$4 in advance, \$5 at the door (\$4 for students/senior citizens). Earlier that day Franke will be the guest for "Conversations in the Commons," an informal discussion on songs of the spirit in a secular age, 3 p.m., Commons Coffeehouse.

### Department of Music

Trevor Stephenson, fortepianist, will give his D.M.A. recital, April 28, 8:15 p.m., Barnes Hall, featuring works by Haydn, Mozart and Schubert.

Student recital, chamber music, April 29, 8:15 p.m., Barnes Hall.

Benjamin Britten's "War Requiem" will be performed by the Cornell Symphony Orchestra, Cayuga Chamber Orchestra, Cornell Glee Club and Chorus, Children's Choir and soloists, with Carl St. Clair, conducting, April 30, 8:15 p.m., Bailey Hall. Tickets are \$10 for adults, \$8 for senior citizens and students, \$6 for children 12 and under and can be purchased at the DeWitt Mall Box Office, Lincoln Hall Box office, Willard Straight Hall, and several area music stores.

Cornell Symphonic Band and Wind Ensemble will give a joint concert under the direction of Marice Stith, May 1, 4 p.m., in Bailey Hall. The 77-member symphonic band will play Henry Fillmore's "Men of Ohio," and "His Honor," Gustav Holst's "Capriccio," Nachman Yariv's "The Life of This People," H.H. Williams' "Chorale" and "Alleluia," Claude T. Smith's "Symphonic Psalm."

The wind ensemble will play Rimsky-Korsakov's "Capriccio Espagnol," Paul Creston's "Concertino for Marimba and Band," with Mary Barber soloist; Robert Jager's "Variations on a Theme by Robert Schumann," conducted by Christopher Kaufman; Adolph Schreiner's "The Worried Drummer," with James Giambrone soloist; Arthur Pryor's "The Whistler and his Dog," Mindy Schretter, piccolo; J. Barnes Chance's "Incantation and Dance;" and the premiere performance of Mark G. Simon's "A Song for Joanne."

Lesley Greene and Mei-Lun Wang will give a student flute recital, May 1, 8:15 p.m., Barnes Hall.

Student Chamber Music Recital, May 2, 8:15 p.m., Barnes Hall. The concert will feature Ludwig van Beethoven's "Twelve Variations on a Theme from Handel's Judas Maccabeus," with Rebecca Abeles, cello, and Lori Finkler, piano; J.S. Bach's "Suite No. 4 in E flat Major for solo violoncello," with Steven Rosenbaum; and Franz Schubert's "Fantasie in F Minor for piano for four hands," with Maromi Nei and Yumi Asaoka.

Shoko Sakai and John Field will perform in a piano duo concert May 3, 8:15 p.m., Barnes Hall. Featured composers will be Ludwig van Beethoven, Frederic Chopin and Johannes Brahms.

Sonya Monosoff, violin, and Joyce Lindorff, harpsichord, will perform in concert May 5, 8:15 p.m., Barnes Hall. They will feature early composers J.S. Bach, Leclair and Cupis-de Camargo and contemporary works by Milhaud and Piston. Both are on the music faculty and have performed widely in Europe, the United States and Japan.

## RELIGION

### Sage Chapel

A student will be the speaker at the Sage Chapel interfaith services May 1, beginning at 11 a.m.

### Catholic

Mass: Every Saturday, 5 p.m., every Sunday, 9:30 and 11 a.m., and 5 p.m., Anabel Taylor Auditorium.

Daily Masses Monday through Friday, 12:20 p.m., Anabel Taylor Chapel.

### Christian Science

Testimony Meeting: Every Thursday, 7 p.m., the Anabel Taylor Founders Room.

### Episcopal (Anglican)

Every Sunday, 9:30 a.m., Anabel Taylor Chapel.

Every Tuesday, 8 a.m., morning prayer, Anabel Taylor Chapel.

Every Wednesday, 4:30-6 p.m., open house, 214 Wait Avenue.

Every Thursday, 5 p.m., evening prayer, G3A, Anabel Taylor.

### Friends(Quakers)

Sunday, 10 a.m., adult discussion; 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

### Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Reform Services: Friday evenings 6:00 p.m., Anabel Taylor Chapel.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Hall Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

### Korean Church

Every Sunday, 2:30 p.m. Anabel Taylor Hall.

### Muslim

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall. Friday 1 p.m. Anabel Taylor Edwards Room.



Patricia Reynolds

Michael Daly, left, as Octavio, and Harvey Blanks in the title role in "Scapin," produced by Theatre Cornell this weekend and next. Check the listings for details.

**Protestant**  
Protestant Cooperative Ministry: Every Sunday, 11:15 a.m., Anabel Taylor Chapel.  
Baptist Campus Ministry (SBC): Every Sunday, 7:30 p.m., Anabel Taylor Chapel.

**Travadin Buddhism**  
Video and discussion of Vipassana Meditation, May 4, 4:30 p.m., Commons Coffee Room, Anabel Taylor Hall.

**Buddhism**  
Zen meditation: Tuesdays at 7 p.m., Education Room, Anabel Taylor Hall. Every Friday 5:10 p.m., Anabel Taylor Chapel. For more information or to arrange beginner's instruction, call Ian Dobson at 277-4364.

## SEMINARS

**Agricultural Engineering**  
"Combined Apple Wastewater and Solids Treatment," Thomas E. White, Agricultural Engineering, April 28, 12:30 p.m., 205 Riley Hall.

**Applied Mathematics**  
"Energy Estimates and the Problem of Entry in a Channel," Ken Ames, Mathematics, April 29, 4 p.m., 322 Uris Hall.

**Key Hortorium**  
"Cladistics, Biosystematics and Evolutionary Ecology of the *Tortula ruralis* complex (L.)," Brent Mishler, Duke University, April 28, 4:30 p.m., B108 Bradfield.  
"A discussion of Species Concepts," Brent Mishler, Duke University, April 29, 12:30 p.m., 404 Plant Science.

**Chemistry, Molecular and Cell Biology**  
"Engineering of Immunoglobulins: Effects of Linkage," Vernon Oi, Immunocytochemistry, Becton Dickinson Corporation, April 29, 12:15 p.m., Boyce Thompson Institute Auditorium.  
"The Role of Energy in Oxidative Phosphorylation," Youssef Hatafi, Research Institute of the Pappas Clinic, April 29, 4:30 p.m., 204 Stocking Hall.

**Biophysics**  
"Modulation of Responses to Excitatory Amino Acids by Zinc and Cadmium," Mark L. Meyer, Laboratory of Developmental Neurobiology, Institute for Child Health and Development, National Institutes of Health, May 4, 4:30 p.m., 700 Clark Hall.

**Boyce Thompson Institute**  
"Signal Transduction and Transformation," Michael Wigler, Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y., May 4, 2 p.m., Boyce Thompson Institute Auditorium.

**Cell Pathology**  
"The Regulation of Protein Kinase A, Proto-Oncogenesis and Growth in Leukemia Cells," Alan Kinnibergh, Roswell Park Memorial Institute, Buffalo, April 28, 2:15 p.m., G3 Vet Research Tower.774

**Chemical Engineering**  
"Converting Methanol to Gasoline: A New Route to Synthetic Fuels, Vern W. Weekman, Mobil R&D Corp., Princeton, May 4, 4:15 p.m., 145 Olin Hall.

**Chemistry**  
"Relaxation in Supercooled Liquids: The Approach to Glass," Daniel Kivelson, University of California, Los Angeles, April 28, 4:40 p.m., 119 Baker.  
"Control of Macromolecular Structures Using Organo-Silicon Reagents," Dotsevi Sogah, Dupont Central Research, May 2, 4:40 p.m., 119 Baker.  
"Crystal Chemistry and Physical Properties of High-Tc Superconductors," Robert Cava, AT&T Bell Laboratories, May 5, 4:40 p.m., 119 Baker.

**Computer Services**  
"MacTRANS: A Transportation Network Modeling Package," Anthony J. Richardson, Civil & Environmental Engineering, April 28, 12:20 p.m., 100 Caldwell Hall.

**Cooperative Extension Forum**  
"Cornell's Maple Program: Research, Extension, Teaching," May 2, 9 a.m., 401 Warren Hall. Speakers for the forum will be Daniel J. Decker, extension leader, Natural Resources; John W. Kelley, director of maple program, Natural Resources; Lewis J. Staats, manager, Uihlein Sugar Maple Research/Extension Field Station, Natural Resources, Lake Placid, and Donald P. Schaufler, Arnot Teaching and Research Forest, Natural Resources, Van Etten.

**East Asia Program**  
"Current Issues in Korean Anaphora with Special Reference to 'Caki'," Lee Chungmin, East Asian Languages and Literatures, UCLA, Linguistics, Language Research Institute, Seoul National University, South Korea, April 29, 4:30 p.m., 106 Morrill Hall.

**Ecology and Systematics**  
"Why is There Still a Species Problem?" Marjorie G. Grene, Section of Ecology and Systematics, May 4, 4:30 p.m., Morison Seminar Room, A106 Corson/Mudd.

**Environmental Toxicology**  
"Retroviruses as Carcinogens," Dr. Harriet Robinson, Department of Pathology, University of Massachusetts Medical Center, April 29, 12:20 p.m., 304 Fernow Hall.

**Floriculture and Ornamental Horticulture**  
"A Spatial Design Language for the Natural Design Approach," Amy Nettleton, MLA graduate, April 28, 12:15 p.m., 404 Plant Science.  
"Turfgrass Management Effects on Groundwater Quality," Marty Petrovic, Floriculture and Ornamental Horticulture, May 5, 12:15 p.m., 404 Plant Science.

**Geological Sciences**  
"On the Memory of Carbonates for the Geochemical Properties of Seawater," Frank Richter, University of Chicago, May 3, 4:30 p.m., 1120 Snee Hall.

**Human Development and Family Studies**  
"The Family During the Adolescent Years," Andrew Collins, University of Minnesota, May 2, 4 p.m., 121 Faculty Commons, Martha Van Rensselaer.

**International and Community Nutrition**  
"Psycho-social Factors and Lactation Duration in an Urban Mexican Population," Karen Stewart, Division of Nutritional Sciences, April 28, 12:40 p.m., NG35 Martha Van Rensselaer Hall.

**International Studies in Planning**  
"Political and Economic Transition in Nicaragua," Giaconda Belli, Nicaraguan Ministry of Culture, April 29, 12:15 p.m., 115 Tjaden Hall.

**Johnson Graduate School of Management**  
"Developing Career Strategies," with speakers Charles E. Taylor, general manager for marine transportation of BP America; Ronald E. Goldsberry, general manager, plastic products division, Ford Motor Co.; and Mary-Frances Winters, president, The Winters Group Inc., April 28, 4:30 p.m., Bache Auditorium, Malott Hall.

**Latin American Studies Program**  
"Traditional Afro-Venezuelan Drum Music of Barlovento," Max Hans Brandt, Music Department, University of Pittsburgh, April 29, noon, G08 Uris Hall.

**Materials Science and Engineering**  
"Structure Miscibility Relationships in Polymer Blends," D. Massa, Eastman Kodak, April 28, 4:30 p.m., 140 Bard Hall.

**Mechanical and Aerospace Engineering**  
"A Scheduling System for Rome Cable Corp.," Ted Gumer, April 28, 4:30 p.m., 282 Grumman.

**Natural Resources**  
"Angling Ethics: The Newest Challenge in Fisheries Management," Bruce Shupp, chief, Bureau of Fisheries, N.Y.S. Department of Environmental Conservation and Robert Lange, head, Great Lakes Fisheries, N.Y.S. Department of Environmental Conservation, April 28, 4 p.m., 304 Fernow Hall.

**Neurobiology and Behavior**  
"Species Universals in Birdsong: Implications for Vocal Learning Theory," Peter Marler, Rockefeller University, April 28, 12:30 p.m., Morison Seminar Room, Corson/Mudd.

**Operations Research and Industrial Engineering**  
"Discrete-Time Conversion for Finite-Horizon Markov Processes," Bennett L. Fox, School of Operations Research, May 3, 4:30 p.m., 111 Upton Hall.

**Ornithology**  
"Conflicts Between Biology and Public Use: Real or Perceived," Gene Hocutt, Montezuma

National Wildlife Refuge, May 2, 7:45 p.m., Laboratory of Ornithology, 159 Sapsucker Woods Road.

**Peace Studies**  
"Conflict in Soviet Geo-Strategic and Economic Interests in Europe," Jerry Hough, Duke University and Brookings Institution, April 28, 12:15 p.m., G-08 Uris Hall.

**Pharmacology**  
"Excitatory Amino Acid Receptors in Brain and Oocytes," Dr. Raymond Dingledine, Pharmacology, University of North Carolina School of Medicine, May 2, 4:30 p.m., G3 Vet Research Tower.

**Plant Biology**  
"A Second Messenger System Acting in Light-Regulated Root Gravitropism," Donna Perdue, Plant Biology, April 29, 11:15 a.m., 404 Plant Science.

**Plant Pathology**  
"Tomato Ribosomal RNA Genes and Viroid Replication," Keith Perry, Cornell, May 3, 4:30 p.m., 404 Plant Science.

**Pomology**  
"The Cherry Breeding Program at Geneva," Susan K. Brown, Horticultural Sciences, May 2, 11:15 a.m., 404 Plant Science.

**Poultry Biology**  
"Zinc Induced-Pancreatic Insufficiency and its Consequences in the Chick," Junxuan Li, Poultry and Avian Sciences, April 28, 4:30 p.m., 300 Rice Hall.

**Psychology**  
Topic to be announced, James Hampton, City University, London, and visiting professor of psychology, Cornell, April 29, 3:30 p.m., 202 Uris Hall.

**Remote Sensing**  
"Image-Processed Sidescan Data for Geologic Interpretation," Bonnie A. McGregor, U.S. Geological Survey, Reston, Va., co-sponsored by Civil & Environmental Engineering and CLEARS, May 4, 4:30 p.m., 110 Hollister Hall.

**South Asia Student Association**  
"Shakespeare in Banaras: Culture in the Streets and in the Textbooks," Nita Kumar, History, Brown University, May 4, 12:15 p.m., 153 Uris Hall.  
"Language and Indian Politics: A Research Proposal," David Laitin, Political Science, University of Chicago, May 5, 12:15 p.m., 360 Uris Hall.

**Southeast Asia Program**  
"Indochinese Refugee Flow and the U.S. Response: 1975-1988," Carol Hecklinger, Refugee Bureau, U.S. Department of State, April 28, 12:20 p.m., 102 West Ave. Extension.

**Stability, Transition and Turbulence**  
"Instability of the Viscous Core of the Leading Edge Vortex," Zhigang Yang, Cornell, May 3, 1 p.m., 282 Grumman Hall.

**Textiles and Apparel**  
"Stain Resistant Carpets," Robert Peoples, Monsanto, May 3, 12:20 p.m., 213 Martha Van Rensselaer Hall.

**Vegetable Crops**  
"Analysis of Interaction in Two-Way Data Sets," Richard Zobel and Hugh Gaugh, Plant Breeding & Biometry and Agronomy, April 28, 4:30 p.m., 404 Plant Science.  
"The Supersweet Success Story," Art Abbott, director, Abbott and Cobb, Inc., May 5, 4:30 p.m., 404 Plant Science.

**Veterinary Diagnostic Laboratory**  
"Rotavirus and Cryptosporidium Shedding in Dairy Calves and its Relationship to Colostrum Immune Transfer," Jorge Lopez, Utah State University, April 29, 10:15 a.m., C-207 Schurman Hall.

"Lymphotropic Persistence of Herpesvirus," Fernando Osorio, University of Nebraska, May 3, 10:15 a.m., Hagan Room, Schurman Hall.

"Comparison of a Cheetah Herpesvirus Isolate with Feline Herpesvirus Type 1," Gail Scherba, University of Illinois, May 5, 10:15 a.m., Hagan Room, Schurman Hall.



# Job Opportunities

April 28, 1988  
Number 15  
Office of Human Resources  
Cornell University  
160 Day Hall  
Ithaca, New York 14853-2801

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

-Interviews are conducted by appointment only.

-Send cover letters & resumes to Staffing Services, 160 Day Hall, Cornell University, Ithaca, NY 14853.

-Employment & employee transfer application forms are available at both Staffing Services locations-160 Day Hall & East Hill Plaza.

-Requests for referral &/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO. Terminals are situated in main lobbies of Day Hall & Gannett Clinic, & the Olin, Mann & ILR Libraries.

-DEPTS.-Deadline for submission is noon on Thursday for following week's Job Opportunities.

-Minimum salaries listed are for recruitment purposes only.

-S=Statutory; E=Endowed

## Administrative and Professional

### EXECUTIVE STAFF ASST. (PC1507) Media Services-S

Provide daily supv. of off. & computer aided publishing staff; support high volume production operation w/approp. record keeping. Address, mail, bill & provide customer srvc. Participate in unit policies & procedures development. Provide overall supv. mgmt. when Admin. Mgr. & Production Mgr. are absent.

Req.: AAS or equiv. admin. offc. exp. w/increasing levels of resp. Bkgrnd. in commercial printing, publishing or typesetting pref. Substantial offc. exp. incl. acctg. (CU stat. system desir.). Exp. w/computer applications (pref. Mac) & WP. Demonstrated comm., org. & interper. skills. Some supv. exp. Able to set priorities & work in a complex, active environ. w/variety of people. Handle confidential material discreetly. Letter & resume to Esther Smith by 5/6.

### WRITER & CONSULTANT (PC1503) University Relations-Publications-E

Consultant & writer to analyze publications & comm.; develop new or rework existing publications & answer identified needs w/in overall univ. promotional goals.

Req.: BA or equiv. Exc. writing skills, marketing or public relations. Exp. in college or Univ. Letter, resume, 3 writing samples & salary history to Cynthia McFarland, Dir. Consulting Services, Cornell University, East Hill Plaza, Ithaca, NY 14850.

### CUSTODIAL SUPERVISOR I (PG1303) Building Care-S

Mng. custodial staff & all special event set-ups in Barton Hall. Maintain exc. working relationship w/bldg. users. Train dept. custodians in mechanized equip. operation. Must be able to work unusual hrs., incl. eve. & wkends.

Req.: AAS; BA pref. Min. 3 yrs. supv. exp., pref. in custodial maint. field. Must possess demonstrated people skills. Able to handle employee/customer problems; coord. multiple tasks/events. Letter & resume to Esther Smith by 5/6.

### PUBLIC AFFAIRS ASST. (PA1501) Alumni Affairs-E

Resp. for alumni class news & dues program involving creation, processing & monitoring of duesletter publications for 85 alumni classes.

Req.: BS/BA (CU pref.). Strong org. skills & comm. (oral/written). Knowl. of Apple Mac computers. Letter & resume to Cynthia Smith-bower by 5/6.

### APPLICATIONS PROGRAMMER/ANALYST II (PT1507, PT1510) Computer Services-E

Under direct supv., design, develop, modify & document straight forward applications software in support of major admin. system.

Req.: BA or equiv. w/computer related courses. Knowl. of at least 2 lang.-PL/1, Natural, COBOL; applications for interactive & batch admin. & data base mgmt. systems, machine arch., system utility, programs, VM/CMS. Letter & resume to Christa Carsello by 5/13.

### APPLICATIONS PROGRAMMER/ANALYST II (PT1513) National Nanofabrication Facility-E

Assist in all aspects of computer system primarily a medium-scale VAXcluster. Write &/or maintain variety of application software, incl. acctg. & CAD. Mon.-Fri., 8:30-5:00, evenings & weekends.

Req.: BS; relevant field, VMS user exp., application programmer exp. (tech. or commercial), user support exp. req. Letter & resume to Christa Carsello by 5/15.

### BUSINESS MANAGER (PA1503) OTS/Traffic Bureau-E

Coord. & supv. busn. aspects of dept. & staff. Develop/execute/monitor \$4M operating budget & multi-million college capital budget; financial planning & analysis for long range capital & service needs. Resp. for computer systems & applications.

Req.: MBA pref. Min. 5 yrs. work exp. desir. Strong bkgrnd. in acctg., financial mgmt., understanding of on-line computing & micro computer operations. Letter & resume to Cynthia Smith-bower by 5/6.

### SR. RESEARCH SUPPORT SPECIALIST (PT1501) Equine Drug Testing-S

Perform human drug testing. Operate & maintain field testing lab. Hire, train & supv. 5 lab tech. & 1 Research Support Spec. (Asst. Dir.). Supv. analysis of blood & urine samples submitted by NYS Racing & Wagering Board. Supv. & maintain operation of analytical instrumentation to incl. a GC/MS, HPLC & GC/IR. Implement & maintain evidence chain.

Req.: MS in chem. or toxicology or related

field or equiv. exp. 1-3 yrs. exp. in testing environ. Exp. w/extraction & ID of drug & drug metabolites pref. Supv. exp. strongly pref. Letter & resume to Christa Carsello by 5/6.

### SR. SYSTEMS PROGRAMMER (PT1514) Theory Center-E

Under gen'l. supv., maintain, strengthen, refine & develop Trillium, a distributed oper. syst. for a network of transputers. Provide tech. leadership in engr. modifications on Trillium extensions.

Req.: BA, computer sci. or equiv. comb. of ed. & exp. Strong prgrmg. exp. at board level, incl. assembly lang. prgrmg.; strong UNIX exp. sound operating systems concepts knowl.; knowl. & understanding of digital design for micro. based computers; gen'l. knowl. of prgrmg. issues related to parallel computing; prgrmg. exp. w/INMOS transputer desir.; systems prog. exp. w/distributed operating system desir. Letter & resume to Christa Carsello by 5/6.

### APPLICATIONS PROGRAMMER I (PT1205) DNS

Provide prgrmg., analysis & graphics support for researchers. Develop & run programs. Help construct back up datasets. Mng. tape libr. & computer accts. Support use of stat. analysis & graphics pkgs. Provide consulting & instr. on mainframe & micro uses to fac. & students.

Req.: BA w/some research & computer exp. Sci. bkgrnd. helpful. Demonstrated ability using prgrmg. lang., e.g. Fortran. Knowl. of stat. & analysis pkgs. helpful. Good 1-on-1 comm. & interper. skills helpful. Letter & resume to Christa Carsello ASAP.

### HOTEL CONTROLLER (PA1402) Statler Hotel-E

Insure integrity & timeliness of all transaction records & resulting internal & external financial reports. Develop & implement adequate controls for overall funds, inventories & fixed assets of Hotel & Conference Center.

Req.: BS, CPA or MBA pref. Min. 6 yrs. prior exp. w/min. of 3 yrs. supv. resp. Prior exp. in hospitality industry beneficial. Letter & resume to Cynthia Smithbower by 5/13.

### EDITOR I (PC1402) Plantations-S

Produce Plantations Quarterly Magazine & monthly NOTES. Provide editorial support for Plantations Staff.

Req.: BS, journalism or related field. Horticulture bkgrnd. strongly pref. Editorial & production exp. req. Exp. w/Microsoft Word & Page Maker req. Able to work w/variety of individuals. Submit resume & writing samples to Esther Smith by 5/13.

### AREA SUPV. II (PT4401) Elec. Engr.-E

Mng. gen'l. purpose computer systems w/in School, not under specific control of research or educat'l. labs. Use, maintain & modify computer operating systems. Oversee daily operation of several medium-scale systems.

Req.: BS in comp. engr./computer sci. or equiv. 1-2 yrs. exp. managing computer systems & w/UNIX operating systems. Good comm. skills; exp. w/micro computers desir. Letter & resume to Christa Carsello by 5/6.

## Clerical

### REGULAR EMPLOYEES

Submit employee transfer application, resume & cover. Career counseling interviews available by appt. EXTERNAL APPLICANTS Mail employment application & resume to 160 Day Hall. Interviews conducted at Staffing Services, East Hill Plaza by appt. only. Qualified applicants are contacted after materials are reviewed.

### OFFICE ASST., GR17 (C1213) Floriculture & Ornamental Hort.-S

Dept. receipt, provide backup sec. support on PC. Answer phones; coord. travel schedule of faculty; process grant proposals; serve as key copy machine operator, maintain instruct'l. projection equip. Interact w/students & visitors.

Req.: H.S. dip. or equiv. Busn./sec. school desir. Min. 1 yr. sec. exp. PC exp. desir. Exc. org. & interper. skills nec. Knowl. of transcription machine desir. Able to work in active environ. Heavy typing. Min. Biweekly: \$420.76

### SECRETARY, GR18 (C1511) Academic Computing-E

Provide admin./sec. asst. for professionals working on 2 yr. IBM joint study contract. Coord. staff activities & external contacts; aid in prep. of trng. materials & reports.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Min. 1-2 yrs. exp. using WP; desk top publishing, spreadsheet & data base software desir. Good org., interper. & comm. skills essential. Heavy typing. Min. Biweekly: \$444.37

### WORD PROCESSING OPERATOR, GR18 (C1510) Law School-E

Screen prospective clinic service clients for pre-application eligibility. Maintain & operate complex calendar, appt. & message system; input client info.; produce legal documents; order supplies.

Req.: H.S. dip. or equiv. Some college pref. Legal clerical exp. w/IBM PC. pref. Exc. interper. & comm. skills. Able to work in a complex, active environ. Confidentiality essential. Med. typing. Min. Biweekly: \$444.37

### ADMINISTRATIVE AIDE, GR19 (C1506) COMEPP-E

Provide admin. support for Dir., admin. & tech. staff. Process inquiries, invoices & software pkg. distribution. Manage document library; maintain records & shipping orders; maintain large mailing list; & maintain tech. library; prepare purchase orders, payroll, phone billings; compose routine offc. corresp. Arrange mtgs. & conferences.

Req.: AAS or equiv. Exp. w/Mac (WORD, EXCEL etc. or other PC) necessary. Some knowl. of CU acctg. & purchasing procedures useful. Attention to detail. Able to deal w/variety of people. Good oral & written comm. skills. Min. Biweekly: \$470.80

### SECRETARY, GR19 (C1504) University Development-E

Provide sec. support for Dir., Exec. Staff Asst. & Admin. Aide. Asst. w/overall offc. operation. Type & proofread all corresp., reports, memoranda & presentation notes, mtg. notices & agendas. Type mtg. minutes; duplicate & distribute materials.

Req.: AAS or equiv. Knowl. of Olivetti typewriter. Good phone techniques, & interper. skills. Confidentiality essential. Able to set priorities & work in a complex, active environ. Attention to detail. Heavy typing. Min. Biweekly: \$470.80

### SECRETARY, GR20 (C1501) Biochemistry, Molecular & Cell Biology-E

Provide sec./admin. support & WP support. Req.: AAS or equiv. Prefer exp. w/Mac computer & tech. typing. Exc. typing skills. Heavy typing. Min. Biweekly: \$496.80

### ACCOUNTS ASST., GR20 (C1102) Conference Services-E

Develop & maintain accurate acctg. records; process personnel & p/r forms; provide invoicing & financial reporting.

Req.: AAS in acctg. or equiv. Min. 2 yrs. CU acctg. exp. Knowl. of IBM PC, Lotus 123, DBase & Wordperfect helpful. Min. Biweekly: \$496.80

### ADMINISTRATIVE AIDE, GR21 (C1505) Modern Languages & Linguistics-E

Handle records, scheduling & serve as archivist for large academic dept. Work w/dir., Undergrad. Studies & Lang. Committee Chair. Advise undergrad. lang. placement, requirement, credit, major, etc. Schedule courses, classrooms, prep. grades & reports; schedule exams & reserve exam rooms for evening & Summer Session finals. Coord. data transfer from manual to computer.

Req.: AAS or equiv. Min. 3 yrs. exp. (pref. in academic dept.) at CU. Strong org. skills w/attention to detail. Exp. w/faculty, staff & students. Able to set priorities & work in a complex, active environ. Maintain confidentiality. Able to compose letters. Lt. typing. Min. Biweekly: \$527.69

## General Service

### REGULAR EMPLOYEES

Submit employee transfer application to Staffing Services, 160 Day Hall. Interviews conducted by appt. only. EXTERNAL APPLICANTS Mail employment application to Staffing Services, 160 Day Hall. Interviews conducted by appt. only. Qualified applicants are contacted after materials are reviewed.

### CUSTODIAN, SO16 (G1502) Residence Life-Endowed

Provide gen'l. custodial care of bldgs. & grounds in immediate vicinity of assigned area. Mon.-Thur., 7:30 a.m.-4 p.m.; Fri. 7:30 a.m.-3 p.m.

Req.: H.S. dip. or equiv. Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 ft. ladder. Basic reading & writing skills. Daily contact with students. Min. hourly: \$5.49

### COOK, SO18 (G1501) Residence Life-Endowed

Clean, prepare & cook food for Univ.-owned fraternity. Clean all food prep. areas, cooking areas & assist in keeping storerooms & refrigerators sanitary. Aid student steward in menu-planning & food purchases as needed.

Req.: H.S. dip. or equiv. 1-3 yrs. cook exp. Able to follow recipes accurately, operate standard food prep. & cooking equip. Exp. in large quantity prep. essential. Good org. skills. Able to work with little supv. & with student volunteers. Able to supv. student helpers pref. Min. hourly: \$6.06

## Technical

### REGULAR EMPLOYEES

Submit employee transfer application, resume & letter. EXTERNAL APPLICANTS: Mail employment applica-

tion, resume, & list of lab techniques/equip., or computer software/hardware with which you are familiar. Submit letter per position, specify title, dept. & job number. Interviews conducted by appt. only. Qualified applicants are contacted after materials are reviewed. Backgrounds highly desired: biochem., chem., microbio., elect., physics, lic. animal health tech.

### ANIMAL TECHNICIAN, GR18 (T1515, T1516) Lab Animal Services-S

Provide daily animal care. Feed, water & exercise animals; maint. cages, pens & environ. Maintain animal records, follow procedures for care of animals & effective sanitation of equip. & facilities.

Req.: H.S. dip. or equiv. Animal handling exp. desir. Asst. Animal Cert. helpful. Must be in good physical condition; able to lift 50 lbs. Pre-employment physical & immunizations req. Min. Biweekly: \$443.13

### TECHNICIAN, GR20 (T1512) Floriculture & Ornamental Hort.-S

Assist w/ & conduct field, greenhouse & lab experiments to evaluate effects of weeds & weed control agents on plant growth. Apply herbicides, evaluate herbicide efficacy & crop tolerance, measure plant growth & water use; analyze & summarize data.

Req.: BS, hort., agronomy or related field; MS pref. NY driver's lic. & NY Pesticide Applicators Cert. Familiar w/weed ID & control, pesticide application, computers, culture & maint. of turf-grass & ornamentals, gen'l. field & lab research methodology. Apply by 5/11. Min. Biweekly: \$495.35

### TECHNICIAN, GR22 (T1518) Vet Microbio., Immunology & Parasitology-S

Assist in research on equine streptococcal disease. Perform prep. electrophoresis. Perform SDS-PAGE & immunoblots. Maintain lab records & inventory, order supplies, prepare media, buffers & other reagents.

Req.: BS in microbio., biochem., chem. or immunol. Some lab exp. in bacterial culturing, SDA-PAGE, chromatography & immunol. assays, i.e. ELISA. Min. Biweekly: \$554.63

### TECHNICIAN, GR22 (T1509) Plant Pathology-Geneva-S

Assist in conducting research in modern well-equipped cell bio. lab. Oversee use & srvc. of equip. (e.g., electron microscopes).

Req.: BS or MS, bio. or relevant field. Exp. &/or trng. in light, transmission, electron & scanning electron microscope pref. Exp. w/immunochemical techniques, protein purification & separation protocols, as well as w/gen'l. biochem. techniques useful. Must be imaginative, dexterous, neat & accurate. Apply by 5/11. Min. Biweekly: \$554.63

### COMMUNICATIONS TECHNICIAN IV, GR24 (T1508) CCS-Network Communications-E

Diagnose malfunctions & repair Local Area Networking & other data comm. equip./circuits.

Req.: AAS, elec. engr. tech. or equiv. 2-5 yrs. relevant exp.; use of oscilloscope, break-out box, Bit error rate test set & telephone circuit test equip.; some Bisynchronous & 3270 exp. helpful. Good interper., org., & time mgmt. skills. Letter & resume to Christa Carsello by 5/13. Min. Biweekly: \$625.43

### UNION CARPENTER (T1502, T1503, T1504) M&SO-E

Strong knowl. of carpentry trade especially commercial renovation work. All around capabilities, e.g., drywall, doors, acoustics, form work, rough framing, finish work.

Req.: H.S. dip. or equiv. Apprentice cert. Min. 4 yrs. trng. w/cert. journey person. Must belong to local carpenters union or join w/in 30 days of CU employment.

## Part-Time

### OFFICE ASST., GR18 (C1314) Agricultural Economics-S

Answer, refer, provide info. & maintain confi-

dentiality in support of the 800 number for farm families facing difficult & critical decisions. Use PC as WP & w/database; able to operate independent in absence of supv.

Req.: H.S. dip. or equiv. Some counseling &/or trng. exp. desir. Computer familiar. desir. Strong listening & interper. skills. Familiar w/farming, farm families & CU Coop. Ext. a plus. Min. Biweekly: \$443.13

### OFFICE ASST., GR17 (C1502) Vet Computing Services-S

Provide offc. support. Type; file; copy; order supplies as necessary. Perform monthly accts. receivable billing; answer & screen incoming phone calls; direct visitors. Mon.-Fri., 12:15-4:30.

Req.: H.S. dip. or equiv. Min. 1 yr. exp. Good org. & interper. skills. Accuracy essential. Med. typing. Min. full-time equiv.: \$420.76

### TECHNICAL ASST., GR18 (T1517) Computer Science-E

Provide asst. & support for Tech. Consultant. Create syst. file backup tapes; order, ship, monitor computer supplies, maint. parts catalog libr. Maint. files on software lic. agreements. Maint. & org. tech. lab; distribute printer output. Mon.-Fri., 2-6 p.m. or 6-10 a.m.

Req.: H.S. dip. or equiv. Knowl. &/or exp. w/computers. Apply by 4/13. Min. Biweekly: \$444.37

## Temporary

Experienced & skilled individuals specifically interested in temporary work should mail application to 160 Day Hall.

### SUMMER FIELD ASST. (T1505-4 positions) Plant Breeding

Asst. in performing routine experimental field & greenhouse work in Plant Breeding program. Plant, weed, harvest crops. Reliable, must have NYS driver's lic. May-Aug. \$4.25/hr. Apply to Christa Carsello by 5/13.

### FIELD ASST. (T1506) Agronomy

Asst. Farm Mgr. Able to drive tractor, lift 60 lbs. Able to work w/limited supv. 6 months, Mon.-Fri. hrs. vary. \$5/hr. Apply to Christa Carsello by 5/13.

### ANIMAL TECH. (T1511) Vet Microbio., Immunology & Parasitology-S

Care of large & small animals under isolation conditions. Collect blood & other samples, asst. in animal restraint, maint. of research records & upkeep of physical plant. Able to lift 100 lbs. Physical exam req. Valid driver's lic. req. Mon.-Fri. 8-4:30, some weekend & holiday rotation. Until 8/88.

Req.: H.S. dip. or equiv. Exp. in humane animal handling; able to collect clinical samples (blood, urine, feces, nasal swabs, etc.) from animals. Pre-employment physical req. Send app. to Christa Carsello by 5/6.

### SECRETARY (C1209) Agricultural Economics

Provide sec. support for 2 teaching faculty members. Answer phones; maintain calendars; assist in course mgmt.; coord. teaching assts.; keep class records; collect assignments; record grades; type class work & notes. 2 months.

Req.: H.S. dip. or equiv. Busn. or sec. school desir. Knowl. of IBM PC-XT & Wordperfect. Able to oversee & coord. activities of 10-15 teaching assts. Strong org. & interper. skills. Med. typing. Letter & resume to Laurie Worsell.

### SECRETARY (C1204) JGSM

Provide sec. support for Exec. Development Program. Able to work w/executives in a support role. WP (Mass 11) exp. desir. Duties consist of mailing brochures, handling inquiries (written/verbal), med. typing., copying, filing. Some overtime req. F/T from 5/1 to 8/31.



Breaking ground on April 18 for Cornell's first kosher dining hall, a 200-seat facility situated next to Young Israel house, are, from left, junior Rachel Greenblat, Benjamin Lempkin '88 and William Kaminski of Campus Life.

Claude Level

## Oncogenes, mapping of chromosomes topic of BTI Lectures

Two Boyce-Thompson Institute Distinguished Lectures in May will cover a class of genes known as oncogenes — which are associated with cancer — and the mapping of chromosomes of yeasts and higher organisms.

Michael Wigler, a senior scientist at Cold Spring Harbor Laboratory, will speak on the oncogenes called RAS in his lecture, "Signal Transduction and Transformation," on May 4 at 2 p.m. in the Boyce Thompson auditorium.

And on May 11, Maynard Olson, professor of genetics at Washington University in St. Louis, will lecture on "Physical Mapping of Chromosomes of Yeasts and Higher Organisms," also at 2 p.m. in the BTI auditorium.

Wigler, a pioneer in the study of oncogenes, will discuss RAS oncogenes that may be found in one-fourth of human cancers, suggesting a "common underlying mechanism in a large number of cancers," according to BTI President Ralph W.F. Hardy.

"The RAS oncogenes occur in yeasts as well as in animals and humans," Hardy noted. "Genetic and biochemical studies of the yeast oncogenes could lead to a new understanding of these oncogenes and their relationship to cancer."

Olson, a pioneer in the physical mapping of genes, will focus his lecture on the physical structure of genes yeasts and in the more complex higher organisms. The physical mapping of genes is the first step toward the mapping and sequencing of the entire human genome, Hardy said.

"Methods of mapping whole chromosomes and genomes with restriction enzymes have reached the stage where extensive correlation between physical structure and functional organization is possible, and recovery of large segments of DNA from higher organisms . . . has become feasible," Hardy noted. "The development of this technology is paving the way for its application to more complex genomes."

The lectures are the 23rd and 24th in the BTI Distinguished Lecture Series.

## Friends of Cornell offering up to \$30,000 to WSKG-FM

Friends of Cornell who wish to remain anonymous have agreed to give up to \$30,000 toward Binghamton-based public radio station WSKG-FM's plan to construct and operate a transmitter and studio in Ithaca.

They said they will provide up to \$30,000 on the basis of \$1 for every \$4 donated by private individuals to the station's \$250,000 capital campaign because of the station's plans to provide regular live or taped coverage of university concerts, lectures and related cultural and public affairs activities, according to David I. Stewart, director of community relations.

Members of the Cornell community have been asking for WSKG's kind of public service in the area, Stewart said, and are very pleased that the station will be in the community and have a very active presence. He noted that WSKG broadcast a panel discussion on AIDS research and public policy featuring this year's Bartels World Affairs Fellows. "We hope this will be the first of many programs that WSKG brings to listeners in the region and the state, and we are pleased to help out in the campaign," he said.

Joseph Bugliari, professor of agricultural economics and of business law, dean of the faculty and co-chair of the WSKG campaign, said that 2,500 people in Tompkins County are annual

supporters of WSKG. "They represent all facets of the community, and the fact that they are willing to pay for this programming encourages me to think we will make our goal," he said.

WSKG's new 5,000-watt FM transmitter will be situated in the Town of Lansing and is scheduled to begin operation during the third week of May, according to Michael Ziegler, president of the station. Its primary coverage area will include most of Tompkins, Cayuga, Seneca and Schuyler counties.

The extent of local program origination depends on the success of the capital campaign, Ziegler said, explaining that he hopes to begin local programs next fall. "We are impressed with the intellectual vitality and breadth of programs at Cornell and look forward to providing them on a regular basis to our listeners throughout Central and Southern Tier New York," Ziegler said.

Co-chairing the campaign with Bugliari is Charles Bell, vice president for customer services and facilities of Tompkins County Trust Co. Individuals in the community who wish to make a matching contribution should contact the WSKG Campaign Office weekdays between 10 a.m. and 2 p.m. at 257-0350.

—Joe Leeming

## Two promoted in statutory unit reorganization

Nathan Fawcett and John Hartnett have been promoted in a major reorganization of the financial management of Cornell's state-supported schools and colleges, according to Malden C. Nesheim, the university's vice president for planning and budgeting.

Fawcett became director of Statutory College Affairs on April 1. He joined the Cornell administration in 1983 as director of Statutory Colleges Finance and Business Operations after serving six years with the New York State Division of Budget. He will report directly to Nesheim.

Nesheim said Fawcett will work out of Day Hall "and function as a special assistant to me in all matters dealing with the statutory colleges."

"He will continue to be responsible for relationships with the State University of New York and State Division of Budget relative to financial, business, and facilities aspects of the statutory colleges. The director of Statutory College Office of Capital Facilities will continue to report to Nathan."

Nesheim emphasized that Fawcett will have major responsibility for the financial arrangements between the statutory colleges and the university.

Hartnett, who became director of the newly named Office of Finance and Business Services on April 1, has taken over many of Fawcett's former duties. He had served as Fawcett's associate director since 1983.

In addition to undertaking supervision of Finance and Business Office Services housed in Mann Library, Hartnett also will retain his responsibilities for the statutory units' fleet of 250 vehicles.

Hartnett, a Cornell employee since 1967, also will report directly to Nesheim.

Nesheim said the new arrangement "will provide for more effective and efficient business operation as well as provide us an opportunity to examine more closely the relationship between the statutory colleges and Cornell University."

—Martin B. Stiles

## Graduate Bulletin

**Income Tax:** "1987 and 1988 Income Tax for Graduate Students," is the topic of the April issue of the Sage Graduate Newsletter. Copies are available at the graduate field offices and also at the Fellowship and Financial Aid Office at Sage Graduate Center.

**Graduate Student Council:** elections to be held May 2, 5:15 p.m. in Sage Hall.

## CALENDAR

continued from page 5

## THEATER

### Black Theater Workshop

"To Be Young, Gifted and Black," a dramatization based on the writings of playwright Lorraine Hansberry, May 1 at 1:30 p.m. and May 2 at 8 p.m. in the Anabel Taylor auditorium. Admission is free.

The presentation is entirely produced, directed and acted by students in the Africana Studies and Research Center's advanced seminar in black theater and dramatic literature, and is being supervised by New York playwright and film producer William Branch, a visiting professor at the Center.

### Theatre Cornell

"Scapin," Moliere's classic farce, updated by the director and cast, April 28, 29, 30 and May 5, 6, 7 at 8 p.m.; May 1 matinee at 2:30 p.m., Willard Straight Hall Theatre. Tickets are \$5.50, \$4.50 for students and senior citizens, and can be purchased at the box office or by calling 255-5165.

### Cornell Savoyards

"Patience," a Gilbert and Sullivan comic operetta, April 29 and 30 at 8:15 p.m.; May 1 at 2 p.m., James Law Auditorium, Veterinary School. Tickets may be purchased at Willard Straight box office, or by calling 255-7263.

### Unions and Activities

Comedian Steven Wright in concert, May 1, 8 p.m., Bailey Hall. Tickets are \$14.50 in advance, \$15 at the door, on sale at Willard Straight Hall, Ticketron and Rebo Records.

## MISC

### Beebe Lake 150th Birthday Party

Natural history works, talks, tours, musical entertainment, good food, kite flying, kayak demonstrations, "Run for Fun" race, puppet show for the kids, with President Frank H.T. Rhodes, Mayor John Gutenberger, Centennial Commissioner Bob Kane, and a floating birthday cake, May 1, 1 p.m. to 6 p.m. For more information call 255-8722 or 255-8734.

### Hebrew Speaking Club

Hebrew Speaking Club meets Tuesdays, 8:15-9:30 p.m., G-34 Anabel Taylor Hall.

### Hillel

Topics in Jewish Thought and History meets Tuesdays at 8:15 p.m. in 314 Anabel Taylor Hall.

Women's discussion group meets Wednesdays at 7:30 p.m. in 314 Anabel Taylor Hall.

### Palestinian Human Rights Committee (PHRC)

Weekly meetings every Friday at 5:30 p.m. in Willard Straight Hall, Loft II. This multinational group directs attention to the Palestinians and organizes social and cultural events in the aid of the Palestinian cause.

### Waste Watchers

Cornell Waste Watchers, a group of staff, students and faculty working for an expanded university-sponsored recycling program and for solid waste reduction on campus, will meet weekly at 5 p.m. on Thursdays, beginning May 5, in Anabel Taylor Hall, Room 314. For more information, call Paul Aeschleman at 255-7832 or Tracy Frisch at 255-6549.



She froze, watching the expression on his face, as though she were a complete outsider to the small drama, watching herself.

Photographs by Mary Frey from her series entitled "Real Life Dramas" (1984-1987) are on view at the Johnson Museum of Art through June 11.

### Willard Straight Hall Art Gallery

Potshop/Darkroom Show and Sale, through April 29, Wednesday-Friday, 11 a.m.-6 p.m., sponsored by the Arts Project.

### Writing Workshop

Writing workshop walk-in service: free tutorial instruction in writing, Monday-

Thursday, 3:30-5:30 p.m. and 7-10 p.m., and Sunday 2-8 p.m., 174 Rockefeller Hall; Sunday-Thursday, 10 p.m.-midnight, 340 Goldwin Smith; Sunday-Thursday, 7-10 p.m., Clara Dickson Macintosh Computer Room; and Sunday-Thursday, 7-10 p.m. McFaddin Hall Computer Room.

# SPORTS

## Thursday-Saturday, 4/28-4/30

Women's Outdoor Track, at Penn Relays

## Friday, 4/29

Men's Tennis, at Dartmouth, 2 p.m.  
Women's Tennis, Harvard, 4 p.m.

## Saturday, 4/30

Men's Tennis, Boston Univ. at Harvard, 9 a.m.  
Women's Crew, at Dartmouth, 9 a.m.  
Men's Lightweight Crew, Baggaley Cup at Dartmouth, 10 a.m.  
Women's Tennis, Dartmouth, 11 a.m.  
Men's Baseball, Yale (2 games), noon  
Men's Lacrosse, at Princeton, 2 p.m.  
Men's Tennis, at Harvard, 2 p.m.  
Women's Lacrosse, Virginia, 3:30 p.m.

## Sunday-Monday, 5/1-5/2

Men's Golf, at Oswego Invit.

## Sunday, 5/1

Men's Baseball, Brown (2 games), noon

## Tuesday, 5/3

Men's Baseball, Oneonta, 3:30 p.m.

## Last week's scores

[X-Y] Overall record to date

Men's Baseball [13-22], EIBL 3-7  
Penn State 8, Cornell 4

Cornell 7, Penn State 5  
Binghamton 7, Cornell 6  
Cornell 8, Binghamton 0  
Princeton 4, Cornell 3  
Princeton 6, Cornell 3

## Men's Lightweight Crew [3-5]

Cornell 623.0  
Columbia 626.5  
MIT 627.6  
Yale 558.0  
Cornell 604.5

## Men's Heavyweight Crew [0-4]

Syracuse 623.9  
Navy 625.0  
Cornell 638.4

## Women's Crew [4-4]

Brown 658.6  
Cornell 705.8  
Cornell 702.6  
Ithaca College 727.1

## Men's Golf

9th at Allegheny Invitational

## Men's Lacrosse [3-5], Ivy 1-4

Syracuse 19, Cornell 7  
Cornell 23, Dartmouth 9

## Women's Lacrosse [6-5], Ivy 2-4

Cornell 12, Colgate 11 (OT)  
Cornell 8, Princeton 2  
Cornell 6, Bucknell 0

## Men's Tennis [8-9], EITA 1-6

Princeton 9, Cornell 0  
Navy 6, Cornell 0

## Women's Tennis [3-9], Ivy 0-5

Princeton 7, Cornell 2

## Astronomers to convene here

Topics ranging from space missions to Halley's Comet to the mysteries of distant quasars will be covered in a dozen talks on astronomy by Cornell alumni to mark a reunion and scientific meeting of the Department of Astronomy today through April 30.

More than 100 scientists who have received their doctoral degrees in the department will attend the reunion, which also will feature workshops on key astronomy research topics and a panel discussion on future directions of astronomical research.

On April 29 at 12:15 p.m., the department will hold dedication ceremonies for the two new floors of the Space Sciences Building at the building's main entrance.

Registration for the meeting will take

place today in Room 622 of the Space Sciences Building, and the meeting will begin this afternoon at 1:30 in Room 700 of Clark Hall.

Astrophysicist Kip Thorne of the California Institute of Technology, who is an A. D. White Professor at Large, will deliver a public lecture, "Black Holes: The Evolution of a Concept, 1783-1988," at 8 p.m. tonight in Rockefeller Auditorium.

The reunion's banquet on April 29 will feature an address by Cornell astronomer Carl Sagan.

For further information on the meeting, contact the office of the astronomy department chairman, Yervant Terzian, 255-4935.

—Dennis Meredith

## ROTC to hold award ceremony

More than 80 outstanding Army, Air Force, Navy and Marine cadets and midshipmen in Cornell's ROTC Brigade will be honored in an award ceremony scheduled for 1 p.m. on May 1 at the university's Schoellkopf Field.

Rear Admiral Albert E. Reider, commander of the Philadelphia Naval Base, will be the guest of honor and deliver a short talk.

The hour-long ceremony and review parade will mark 120 years of ROTC at Cornell. Among more than 450 cadets and

midshipmen participating will be about 25 from Ithaca College and the State University College at Cortland who are members of the Cornell Brigade.

Awards to cadets and midshipmen will be from such groups as the Veterans of Foreign Wars, Daughters of the American Revolution, American Legion, Daughters of the Founders and Patriots of America, Reserve Officer Association and Society of American Military Engineers.

In case of inclement weather, the event will be held in Barton Hall.

## Wiesenfeld *continued from page 1*

the State of New York to increase its commitment to developing a high-technology base, according to Wiesenfeld.

"The state must come to understand how quickly such investment pays itself back in enhanced employment and an increased tax base," he said. "Often such returns are realized in only a few years."

Wiesenfeld said that one of his major efforts will be to develop a plan for coordinating the various corporate outreach programs on campus. The plan will be presented to the Board of Trustees next fall.

He also hopes to institute an "inreach" program that will help interested faculty and staff researchers establish and maintain corporate relationships.

"We will also try to develop mechanisms by which we can better encourage corporations to send representatives to Cornell on a long-term basis," Wiesenfeld said. "One particularly splendid idea is the concept proposed by Senior Vice President Jay

Morley of an office building that could serve as Cornell headquarters for corporate people.

"Above all we should recognize that in addition to scholarship, our most important product is not copyrights or patents — it's the person-to-person transfer of technology through the students we educate and the research partnerships we establish," said Wiesenfeld.

He holds a B.S. in chemistry from City College of New York, an M.A. from the University of Cambridge and a Ph.D. from the Case Institute of Technology. He came here in 1972 as an assistant professor and was named professor in 1984. His honors include the U.S. Honorary Ramsay Memorial Fellowship at Cambridge, a Camille and Henry Dreyfus Teacher-Scholar Award, and an Alfred P. Sloan Research Fellowship. His research has concentrated on atmospheric science and laser chemistry.

—Dennis Meredith

## Barton Blotter:

### One car stolen, others looted for parts

A \$600 bicycle and an \$800 car were among \$5,021 in cash and valuables reported stolen on campus, according to the morning reports of the Department of Public Safety for April 18 through 24.

The car, a 1978 dark blue Toyota, was taken from Sage Avenue on April 22, and a 15-speed bike was reported stolen from Schuyler House sometime between Jan. 25 and April 24.

In addition, a front door worth \$100 was removed from a car parked in the R level of the Parking Garage sometime during April 22, and \$465 in tires and parts were stolen from two cars parked near Riley-Robb Hall

sometime between April 16 and 18.

Other thefts include nearly \$700 in cash and valuables stolen from five wallets and two purses. Also reported stolen were a \$275 leather jacket, a leather jacket and sun glasses with a total value of \$380, a \$300 computer component, and a tool pouch, tool belt and tools worth \$350.

Vandals damaged a construction trailer in the Hughes Hall parking lot April 18. Damages were set at \$2,000.

Three persons were referred to the judicial administrator, two for public lewdness and one for harassment, in separate incidents.

## Commencement *continued from page 1*

ceremony begins.

The problem is that the graduates, plus strolling cohorts of faculty, administrators and trustees, can't march like drill squads and are not expected to. In fact, they are allotted an hour and a half from their falling-in at the Arts Quad till their seating on the field for the noon ceremony.

The committee, whose orchestration is a year-round effort, betrayed the delicacy of its job in the words of a letter recently sent to degree candidates.

"This is an academic procession, of course, not a military parade," said the letter from committee heads Harold D. Craft Jr. and Jennie Farley. Then, as if gently reminding readers that there are deadlines, the letter continued: "Please proceed informally but purposefully three abreast along the route." Lest the balance still seemed too tilted toward leisure, the next sentence left no doubt: "All participants must be seated by 12 noon when the ceremony begins."

Although the whole show involves about 30,000 people, Cornell tradition does keep it simple, with no honorary degrees and one speech only — by the president. The procession is another story.

Its meticulous plans call for every group — Ph.D. candidates, faculty, administrators and trustees, and graduates of 10 schools and colleges — to assemble by 10:30 a.m. at precise points around the Arts Quad. They will then march through double lines of the faculty, past a presidential reviewing party beside Olin Library, up between Stimson and Day halls, then by East Avenue and Campus Road up to the northwest entrance of the field.

The basic black of most students' robes



Alex Haley, author of "Roots," will be the keynote speaker at the Class of '88 Convocation on May 28 in Bailey Hall.

and caps is made festive and interesting by the varied colors — of robes, hoods and sleeves — that represent differing academic degrees and institutions. And, though centuries of tradition may add gravity to the day, the dominant tone is festive. Marchers like to greet friends and family, take pic-

tures and continue old discussions, so organizers have some difficulty maintaining steady, three-abreast progress up the hill.

The number of student participants is hard to predict. The current estimate of those eligible is 5,454, Goss said, but that includes 1,398 who completed their degree work last August or in January. It also assumes all 550 Graduate School candidates for masters and doctoral degrees — about a quarter of them Ph.D. candidates — will succeed by the end of May. Excluding Graduate School students, the 3,506 eligible to complete degree work this May include 205 from the Law School, 210 from the Johnson Graduate School of Management, 80 from the College of Veterinary Medicine and the following estimates from undergraduate units: College of Agriculture and Life Sciences, 750; College of Architecture, Art and Planning, 66; College of Arts and Sciences, 1,000; College of Engineering, 540; School of Hotel Administration, 180; College of Human Ecology, 310; School of Industrial and Labor Relations, 165.

One thing that makes the day work is the 350 red-coated volunteer ushers under Goss's management. She still has more than 100 slots for the people who move the crowds along, field all questions and assist with first-aid or other urgent needs. They work for no pay (although Cornell employees get compensatory time off) but do get a commencement mug and an invitation to a reception hosted by President Rhodes.

Special arrangements have been made for parking and seating for people in wheelchairs and those who otherwise are hampered in their mobility. People seeking information on these arrangements may call 255-9541 or 255-6200. People at the latter

number, the Cornell Information and Referral Center, also can direct callers to information on available campus guest rooms and anything else about Commencement.

—Sam Segal

## Graduation's other events

**Convocation:** Saturday, May 28, 1 p.m., in Bailey Hall, the convocation speech will be given by Alex Haley, author of "Roots."

**Baccalaureate:** Sunday, May 29, 9:30 a.m., in Bailey Hall, the baccalaureate service will be led by Father Theodore Hesburgh, former president of Notre Dame University.

**R.O.T.C.:** Sunday, May 29, 8 a.m., in the Statler Auditorium, commissioning of R.O.T.C. officers for Army, Navy, Air Force and Marine Corps — guest speaker, Rear Admiral Ronald J. Kurth.

(Severe-weather plan: Torrential rains may move commencement into Barton Hall, where there will be two ceremonies — for severe-weather ticket-holders only. At 2 p.m., Arts and Sciences and Agriculture and Life Sciences will have degrees conferred; at noon, all other schools and colleges, including graduate students.)