



## Yesteryear View of the Arts Quadrangle

Some students who don't have a whole heck of a lot to do on an autumn afternoon lounge around the Arts Quadrangle. This was in 1873.



# CORNELL CHRONICLE

Vol. 9 No. 10

Thursday, October 20, 1977

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## Parents' Weekend Is Reinstated

As many as 1,500 parents of Cornell freshmen and other new students are expected to visit the campus for Parents' Weekend Oct. 21-23.

Activities will include a reception on the Arts Quadrangle by President Frank Rhodes, a Bailey Hall lecture, "Sense and Non-sense at the Edge of Science," by astronomer Carl Sagan, a student support services "market place," special programs in each of the colleges, campus tours and entertainment in the Unions.

Parents also will be encouraged to partake of Cornell's regular fare of weekend activities, including athletic events, concerts, films, exhibits and plays.

In the planning for more than six months, the weekend is the first such event at Cornell in seven years. Planning is being coordinated by representatives of 10 departments, chaired by University Unions Director Ronald Loomis.

Responses to a letter included

in a summer mailing to parents of new students have been enthusiastic, according to Loomis. The greatest interest appears to be in the college programs and the president's reception, but all of the activities are of interest to most parents, he said.

Loomis said all hotel rooms in Ithaca are already booked and late comers are finding lodging as far away as Cortland and Elmira.

"We hope this event will provide parents with an opportunity to explore the campus and its resources more thoroughly than was possible during interviews or orientation," Loomis said. "Enough activities are scheduled so that parents should be able to have their questions answered, but we've also left enough free time for them to visit with their sons and daughters, meet other parents and students socially and pursue individual interests. We hope this kind of weekend will become an annual event."

## University to Sell Calspan Shares

Arvin Industries, Inc. and the Board of Directors of Calspan Corp. announced today that, pursuant to discussions previously announced in May of this year, they have reached an agreement in principle for Arvin to acquire Calspan, a research, development and testing company based in Buffalo.

The trustees of Cornell University, which owns approximately 68 per cent of outstanding stock of Calspan, also have agreed to this proposal in principle. The transaction is to be effected by merger of Calspan into a subsidiary of Arvin.

The acquisition price of \$8.8 million will be the equivalent of \$8 for each of the 1.1 million Calspan shares outstanding, payable 40 per cent in cash and 60 per cent in shares of the new series of Arvin convertible preferred stock. The 32 per cent outstanding Calspan shares which are held by the public will

be acquired for cash at \$8 per share. All of the Arvin preferred shares, and the balance of the cash, will go to Cornell University. Cornell will be obligated to hold the preferred  
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## People Resource Book Out

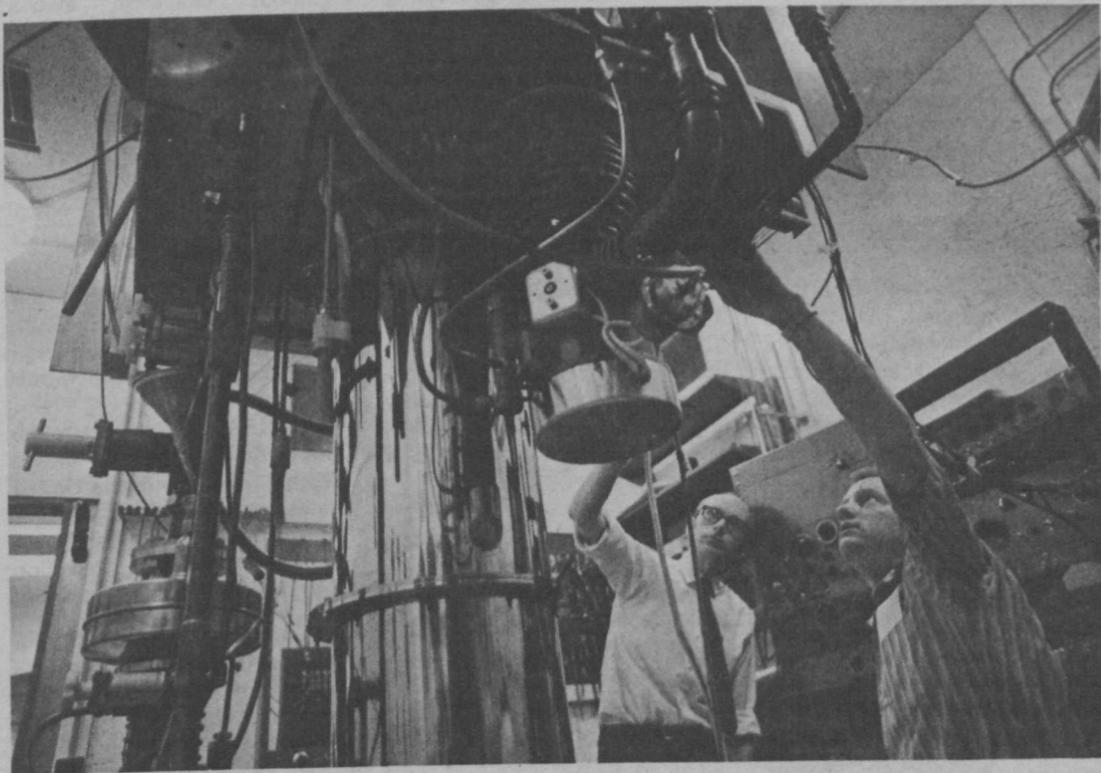
The classroom is only one source of learning for students at Cornell. Exposure to the rich diversity of ideas and interests offered by the employes and faculty is still another source, according to Elmer Meyer Jr., dean of students.

With that in mind, Meyer set out to compile a list of faculty members and exempt non-exempt staff persons willing to talk with students about their chosen vocations, as well as their avocations. The result is a booklet "Faculty and Staff

Resources for Students and Student Groups" which lists the names, phone numbers and office locations of 360 employes—122 faculty, 172 exempt and 66 non-exempt.

Employe names are grouped into broad topic categories arranged alphabetically, in addition to a more specific subject index and faculty staff index in the back of the booklet.

Employes have listed expertise in a wide assortment of academic fields such as  
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Researchers in Clark Hall make adjustments on a cryostat, used in low-temperature solid state physics experiments. Low-temperature physics will be one of the research areas open for public inspection next week.

## Physics Open House Planned

The physics research laboratories in Clark Hall on the Cornell University campus will be open to the public from 7 to 10 p.m. Thursday, Oct. 27, and to alumni visiting campus for Homecoming Weekend from 9 a.m. to noon Saturday, Oct. 29.

The open houses will feature guided tours of the research laboratories and support facilities such as the glass blower's shop, technical operations laboratory, machine shop, computer center and digital electronics design shop.

Sponsored by the Laboratory of Atomic and Solid State Physics and the Department of Applied and Engineering Physics, the open houses are designed to illustrate the range of research conducted in Clark Hall and to provide an opportunity for the public and alumni to chat with the researchers.

A slide show illustrating all research projects in Clark Hall also will be shown at both open houses.

Nine research laboratories, some of which are investigating

the fundamental processes in condensed matter and some of which are developing new materials with practical applications, will be open for inspection. They are:

—Laser spectroscopy. Uses ultrashort light pulse generation to study high speed reactions in molecules (Herbert Mahr);

—Low temperature physics. Studies the physical properties of superfluid liquid helium as it approaches absolute zero (R.C. Richardson, D.M. Lee and J.D. Reppy);

—Electron microscopy. Studies development of electron microscope techniques and improved image processing. The electron microscope makes it possible to distinguish objects that cannot be seen with a normal optical microscope (B.M. Siegel and John Silcox);

—Surface physics. Studies the structure of atomic order on perfect crystal faces and the arrangement and binding of foreign atoms on the crystal face (T.N. Rhodin);

—Far infra-red spectroscopy. Uses special methods of generating and detecting infra-red light that is very far away from the visible spectrum on its  
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# Experimental Course Looks At Effects of Loss of Job

What is it like to lose your job? That's a question that too many Americans can answer, while many more fear that they might have it asked of them.

In an effort to acquaint its students with the many ramifications of the national problem of job loss, the New York State School of Industrial and Labor Relations (ILR) at Cornell University is offering a new course designed to broaden their understanding and outlook.

"ILR 651: Interdisciplinary Seminar on 'Job Loss'" is open to upperclassmen and graduate students in the school this semester. Eight speakers, who will deal with such topics as "The Effects on Families," "The Black Unemployment Experience," and "The Effects on Drinking and Other Deviant Behavior," will meet with the class.

"This is a new kind of course," according to Robert B. McKersie, dean of the school and director of the seminar. "Its focus is on breadth of understanding, rather than the traditional emphasis on depth. The topic is 'loss of employment' and the objective is to explore the topic from as many different perspectives as possible."

McKersie is chairman of the New York State Continuity of Employment Committee, a joint labor-management committee created to deal with problems of layoffs. Todd Jick and Leonard Greenhalgh, who work with him on the committee, are co-instructors in the job loss course.

Anyone interested in attending one of the upcoming lectures should contact Jick or Greenhalgh at 256-3046.

During the first month of the course, the focus was on public sector layoffs in New York State. Videotaped interviews with laid-off workers were shown, followed by sessions concerned with labor and management interests in job security problems.

In October, the seminar has heard from several speakers: Robert L. Aronson, professor of labor relations at Cornell, on a labor market analysis of job loss; Walter Strange of Virginia Polytechnic Institute on

psychological reactions; and James E. Turner, director and associate professor in Cornell's Africana Studies and Research Center, on urban black unemployment.

The students also were scheduled to hear how job loss affects drinking and other deviant behavior from John L. Ford, assistant professor of consumer service education at Cornell; the contributions of social services systems to solving job loss problems from Irving Lazar, chairman of the department of consumer service education, and the impact of job loss on the family from Moncrieff M. Cochran, assistant professor of human development and family studies.

Ford, Lazar and Cochran are all in the New York State College of Human Ecology at Cornell.

Dr. William D. Longaker, an Ithaca psychiatrist, will conclude the section on diagnosis of the job loss problem with a discussion of its impact on men-

tal health.

The following sessions will be devoted to "prescription," developing strategies and guidelines for lessening the problems of worker displacement. The New York State Continuity of Employment Committee will be discussed, and Walter Galenson, a professor in ILR at Cornell, will describe approaches in other countries to the managing of "excess labor."

At the end of the semester, students will present the results of special projects of their choice. The presentations are expected to reflect an in-depth analysis of a particular aspect of the job security problem.

McKersie, who described the course as "experimental," is hopeful that significant value for all will be forthcoming. "Since very little has been done to integrate and elaborate this important problem area, an ambitious challenge awaits students and teachers alike," he said.

## South Africans to Be At ILR Workshops

The New York State School of Industrial and Labor Relations (ILR) at Cornell University will be the first official stop on a month-long tour of the United States by a group of black personnel managers from the Republic of South Africa.

The 10-man delegation is expected to arrive in New York City from South Africa on Oct. 20. They will be at Cornell for their orientation to American practices in industrial and labor relations from Oct. 24 to Nov. 4.

The U.S. State Department has contracted with the American Society of Personnel Administration to be host for the visit to the United States.

After they leave Cornell the personnel managers will visit industrial plants in Salt Lake City, Chicago, Detroit and Cleveland, and attend a conference in Washington, D.C., before leaving on Nov. 28.

The personnel managers are from various firms in South Africa, including such foreign subsidiaries as the Ford Motor Co.

"They are here to learn the state of the art of personnel and industrial relations in the United States," according to Thomas A. DeCotiis, an assistant professor in ILR who is handling arrangements for the stay at Cornell.

A mixture of faculty experts and practitioners will be their instructors during workshops at Cornell. "About 40 per cent of the workshops will be devoted to trade unionism and collective bargaining," DeCotiis said.

In addition to the workshops at the ILR School, the visitors will travel to Corning Glass Works in Corning, Xerox Corp. in Rochester and National Cash Register here.

## Rights Complaint Filed

A complaint has been filed alleging that Cornell University violated students' rights of freedom of speech and peaceful protest in connection with the taking of photographs before, during and after the Milton Friedman lecture on Sept. 27, according to Dale A. Grossman, judicial administrator.

The three students filing the complaint, dated Oct. 12, have consulted with the Cornell chapter of the American Civil Liberties Union (ACLU). The complaint charges that the University violated Article II of the Statement of Student Rights and that President Frank Rhodes, William D. Gurowitz, vice president for campus affairs, William E. McDaniel, director of public safety and unnamed safety officers violated Article I, Section 2(a) of the Campus Code of Conduct which guarantees "the lawful exercise of freedom of speech."

Grossman said she is investigating the complaint and will decide whether to bring formal charges in a case before the

University Hearing Board. "The investigation is at the initial stages right now, but I would hope that the matter could be resolved well before the end of the semester," she said.

Grossman said that in the

past the majority of complaints of this nature have been settled without going to the board, but in some form of compromise solution reached by the parties involved.

## Toxicology Receives Training Grant

Many pre-doctoral and post-doctoral students in the field of environmental toxicology will benefit from an almost \$750,000 training grant that has been awarded to the College of Agriculture and Life Sciences.

The five-year grant, awarded by the National Institute of Environmental Health Sciences, a division of the National Institutes of Health, is one of the largest training grants ever awarded to the college. The first year's award is \$146,068.

Funds from the award will be used to support students in the Departments of Entomology,

Food Science, and Agronomy, and the Division of Biological Sciences, the Division of Nutritional Sciences, and the College of Veterinary Medicine, who are studying microbial, nutritional and insecticidal toxicology and neurochemistry.

Christopher Wilkinson, associate professor of entomology, is the director of the training grant.



## Job Opportunities At Cornell University

The following are regular continuing full-time positions unless otherwise specified. For information about these positions, contact the Personnel Department, B-12 Ives Hall. Please do not inquire at individual departments until you have contacted Personnel. An Equal Opportunity Employer.

Individuals on lay-off status will be given preference in referrals.  
(\* ) Indicates new this week  
(sh) Indicates shorthand required

### POSITION (DEPARTMENT)

#### CLERICAL POSITIONS

Accountant, Jr., A-18 (Johnson Museum)  
\* Sr. Admin. Secretary, A-17 (Physics)  
Sr. Admin. Secretary, A-17 (The Graduate School (sh))  
Sr. Admin. Secretary, A-17 (Trust Office)  
\* Admin. Secretary, A-15 (Health Services)  
Admin. Secretary, A-15 (Public Safety)  
Admin. Secretary, A-15 (University Unions)  
Admin. Secretary, A-15 (Applied & Engineering Physics)  
\* Library Assistant III, A-15 (Univ. Libraries/Oris)  
\* Library Assistant III, A-15 (Univ. Libraries/Olin)  
Principal Clerk, A-14 (The Graduate School (sh))  
Clerk, A-14 (College of Arch./Art/Planning)  
\* Dept. Secretary, A-13 (Oper. Res. & Ind. Engr.)  
Dept. Secretary, A-13 (Lab of Nuclear Studies)  
Dept. Secretary, A-13 (Geological Sciences)  
Dept. Secretary, A-13 (The Graduate School)  
\* Sr. Clerk, A-12 (Purchasing)  
Sr. Typist, A-12 (University Unions - NCU)  
\* Administrative Aide I, NP-11 (Finance & Business)  
Secretary, NP-11 (Cooperative Extension (NYC))  
Admin. Secretary, NP-8 (Cooperative Extension)  
Admin. Secretary, NP-8 (NYC Program, 4-H Youth Dev. (NYC))  
Steno II, NP-6 (NYSSILR)  
Steno II, NP-6 (Entomology (Geneva))  
Steno II, NP-6 (Plant Pathology (Geneva))  
Steno II, NP-6 (Rural Sociology)  
CRT Operator I, NP-4 (Animal Science)

#### SERVICE & MAINTENANCE POSITIONS

Cook II, A-17 (Dining Services)  
Housekeeping Spvr., A-16 (Residence Life)  
Asst. Cook, A-14 (Dining Services)  
\* Custodian, A-13 (Statler - Housekeeping)  
\* Custodian, A-13 (Dining Services)  
\* Custodian, A-13 (Buildings & Grounds Care)  
Drafter I, NP-9 (Natural Resources)  
\* Food Service Worker, A-11 (Dining Services)

#### TECHNICAL POSITIONS

\* Synchrotron Operating Tech., A-19 (Lab of Nuclear Studies)  
Synchrotron Operating Tech., A-19 (Lab of Nuclear Studies)  
Sr. Lab. Tech., A-18 (Chemistry)  
Sr. Lab. Tech., A-18 (Neurobiology & Behavior)  
\* Res. Tech. III, NP-12 (Agricultural Engineering)  
\* Experimentalist I, NP-11 (L.I. Horticultural Research Lab)  
Research Tech. II, NP-10 (Poultry Science)  
Research Tech. II, NP-10 (Diagnostic Laboratory)  
Research Tech. II, NP-10 (Div. of Nutritional Sciences)  
Technical Aide I, NP-9 (Diagnostic Laboratory)  
Program Aide I, NP-5 (5) (Cooperative Extension (E. Harlem))  
\* Lab. Asst. I, NP-3 (Agricultural Engineering)  
Res. Support Spec. II, CP04 (2) (Lab of Nuclear Studies)  
Res. Support Spec. II, CP04 (Vet Pathology)  
\* Res. Support Spec. II, CP04 (Food Science & Technology)  
\* Research Support Spec. II, CP04 (Avian & Aquatic Animal Medicine)  
\* Extension Assoc. I, CP03 (Entomology)  
Research Support Spec. I, CP03 (Chemistry)  
Applications Programmer I, CP03 (Office of Computer Services)  
Research Support Aide, CP02 (Entomology)

#### ADMINISTRATIVE POSITIONS

\* Director, CP09 (Office of Computer Services)  
Dir. of Utilities, CP08 (Facilities & Business Operations)  
\* Chief, Plant Operations, CP07 (Buildings & Properties - Geneva)  
Counselor Therapist II, CP06 (Health Services)  
\* Manager Technical Services, CP05 (Civil & Environ. Engineering)  
\* Auditor II, CP05 (Auditor's Office)  
\* Admin. Manager, CP05 (Physics)  
Asst. Dean, SDS III, CP05 (Basic Studies, Engineering)  
Health Careers Coord., SDS III, CP05 (Health Careers)  
College Registrar, CP04 (NYSSILR (NYC))  
Asst. Dir., SDS II, CP03 (Univ. Unions - WSH)  
Asst. Dir., SDS II, CP03 (Univ. Unions - Noyes)  
Asst. Production Director (University Press)

#### ACADEMIC POSITIONS (Contact Department Chairperson)

\* Associate Librarian (Univ. Libraries/Hotel Library)  
Tenure Joint Program, Director of Women's Studies & Sociology Dept. (Prof. Donald Hayes, 312 Uris Hall)  
Asst. Professor, Enghoish Linguistics (Dept. Modern Languages & Linguistics)  
Asst. Prof., German Linguistics/Language (Dept. Modern Languages & Linguistics)  
Asst. Prof., Romance Linguistics (Dept. Modern Languages & Linguistics)  
Asst. Prof., Indo-European Linguistics (Dept. Modern Languages & Linguistics)  
Asst. Professor (School of Chemical Engineering)  
Extension Associate II (Div. of Nutritional Sciences)  
Asst. Professor - Int'l Nutrition (Div. of Nutritional Sciences)  
Biochemist (Div. of Nutritional Science)  
Extension Associate, CP06 (Dept. of Agronomy)  
Asst. Professor (2) (Collective Bargaining, Labor Law & History (NYS-SILR))  
Asst. Professor (3) (Labor Economics (NYSSILR))  
\* Asst. Professor (Dept. of Comparative Literature)  
\* Asst. Professor, Ag. Engineering (Dept. of Agricultural Engineering)  
\* Asst. Professor of Biological Stats. (Agric. & Life Sciences (Biometrics Unit))

For positions in Cooperative Extension, contact the Personnel Recruitment Section, Cooperative Extension, 212 Roberts Hall.

Extension Associate (2) (Sea Grant/4-H Youth Develop.) (NYC, Cooperative Extension)

Cooperative Extension Agent (Community Resource Development) (New-City, N.Y., Cooperative Extension)

#### PART-TIME & TEMPORARY POSITIONS

\* Temp. Service Clerical (Human Dev. & Fam. Studies (temp. f/t))

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Thursday, October 20, 1977

Renormalization Group Theory

Physicists' Theory Verified

Theories developed by Cornell University researchers a few years ago with a remarkable capability to explain the behavior of substances ranging from ordinary fluids to ferromagnets and metal alloys near their critical points have received significant verification in experiments conducted at the National Bureau of Standards, the University of Maryland and elsewhere.

One basic theoretical idea, the renormalization group approach pioneered by Kenneth Wilson, the James A. Weeks Professor of Physical Sciences at Cornell, represents the first large-scale attempt to explain many physical phenomena that cannot be made

to fit the linear models that underlie most of theoretical physics.

At certain temperatures fluids can exist in only one phase regardless of the amount of pressure applied. Below their critical points, however, fluids can exist both as liquids and gases — and can coexist as such in the same container. Similarly, there are definite critical points at which a ferromagnet loses its magnetization, a superconductor loses its superconductivity, and the ordered arrangement of metal atoms in some alloys disappears.

The crucial interactions among atoms and molecules at and near critical points is strong-

ly nonlinear and could not be properly studied before the advent of renormalization group theory. Physicists are now hopeful that the theory can be applied to other non-linear phenomena that have so far defied exploration. Indeed, Wilson is now using it in an attempt to understand the nature and interactions of leptons, mesons, nucleons and quarks, the elementary particles from which all matter is made.

Besides being applicable to a broad range of phenomena, the theory shows that behavior near a critical point is the same for broad categories of substances with widely differing characteristics. When a substance is close enough to its critical point, the theory says, it will behave in essentially the same "universal" way whether it is a fluid or a magnet. The corresponding "scaling laws" were developed by Benjamin Widom, Cornell professor of chemistry, and others before the advent of renormalization group theory and are now one of its central consequences.

The difficulty in verifying the theory experimentally is that substances do not adhere to it in the most direct way until they come very close to their critical points — and reaching the precise critical point and making accurate measurements in the vicinity is not easy to achieve experimentally. Where these experimental problems have been overcome — at the University of Maryland and the National Bureau of Standards, for example — the theory has been validated in dramatic ways.



Japanese Visitors Present Gifts

Eiichi Hosaka, president of Aoyama Gakuin University in Japan and leader of a delegation visiting Cornell this week, presents a Kutani-Yaki vase to Cornell President Frank Rhodes. Two other vases were also presented to the University and to Milton J. Esman, director of the Center for International Studies which is hosting the delegation. The chine used in the vases is produced in Kutani and the vases are made through a high temperature heating process. Kutani is the oldest, most famous producer of china in Japan and the method of production, including the painting, is reputed to be the oldest and most painstaking in Japan. The 45 Japanese visitors, representing the Union of Private Japanese Universities, were greeted by Rhodes Monday at the start of a week-long seminar on university administration by Cornell leaders.

Employee Benefits Manager Appointed

Claire M. Nagel has been appointed manager of employee benefits in Cornell University Personnel Services, effective Oct. 24. Robert V. Sweetall, associate director of Personnel, has announced. She succeeds Karl D. Keller, who left the University for another position.

Nagel will evaluate the effectiveness of Cornell's employee benefit programs and recommend changes. She will direct the day-to-day administration of benefit programs, except certain state-sponsored programs applying only to statutory college employees. She will also administer government-mandated benefit programs, such as Workmen's Compensation, Disability Benefits Law, and Unemployment Insurance.

"Employee benefits are an integral part of the compensation package offered by the University and have an enormous impact on employee relations and

morale," said Nagel. "I am concerned that benefits planning and administration be sensitive to the needs of employees and their families. I hope we can increase our communications with both faculty and staff and insure that all employees are fully aware of the benefits provided by Cornell and the options available to them," she said.

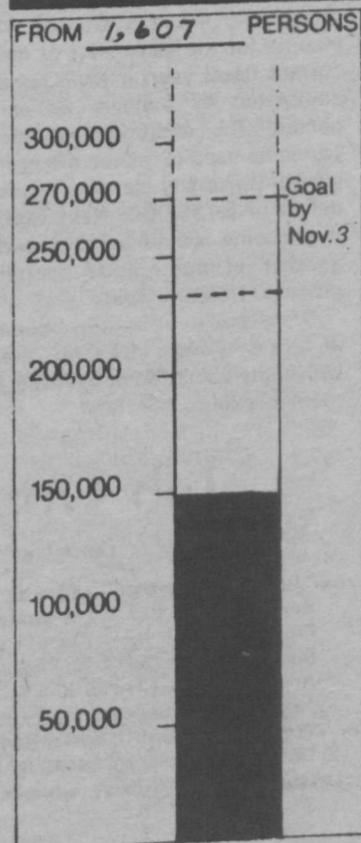
Since December 1975, Nagel has been manager of staffing services at Cornell. She holds a Bachelor of Arts degree from Cornell and an M.B.A. from New York University. Before coming to Cornell, she served as personnel manager of the corporate headquarters of Doubleday & Co.

'Respect No Smoking Requests'

Dean of the University Faculty Byron W. Saunders has asked the faculty to be responsive to students who ask that there be no smoking in a class. In an open letter to Faculty members Saunders wrote:

"It has come to our attention from several sources that there continue to be problems with smoking in classes, where some students have requested no smoking be allowed. These students suffer from chronic illnesses such as asthma. Since the classroom is mainly the province of the faculty, I urge your cooperation in responding to a legitimate request by a student for no smoking."

CORNELL UNITED WAY CAMPAIGN



The Cornell Division of the Tompkins County United Way has raised \$149,902 from 1,607 pledges during the first two weeks of the current campaign, according to unaudited figures. This year's goal is \$234,000 to be raised by Nov. 3.

Be Prepared When Riding Campus Bus

Bus service on campus could be speeded up considerably if passengers would have their cash fares and passes ready when they enter a bus, according to William Crissey, manager of Campus Bus Service.

He said this is especially important now with winter weather approaching and the resulting increase in bus usage.

Physics Open House

Continued from Page 1  
low energy side. The group also works on the development of small metal particles for solar energy applications (A.J. Sievers);

—Superconductivity. Studies the applications of superconducting properties of metals for very sensitive detection of magnetic fields and for devices used in computers (Robert Buhrman);

—Raman spectroscopy. Uses laser light from argon atoms to study new metallic polymers, biologically interesting macromolecules and polymers (D.B. Fitchen);

—Biophysics. Studies the conversion of light energy into chemical energy in the eye (Aaron Lewis);

—Chemical lasers. Uses laser light to study light-induced chemical reactions in molecules and molecular vibrations and rotations (T.A. Cool). -30-

Cornell Team Places In Cattle Judging

The Cornell University dairy cattle judging team placed second at the Ninth Invitational Youth Dairy Cattle Judging Contest at Harrisburg, Pa., and fourth at the World Dairy Exposition at Madison, Wis.

Seventeen college teams participated in the Harrisburg contest on Sept. 26 with the team from the University of Maryland taking top honors. Cornell's Sandra J. Hoag '78 scored second highest of any individual in the contest both in judging the animals and in giving reasons for her placings.

At Madison on Oct. 5, the

team was four points out of second place, competing with 35 other teams. Though placing fourth in the contest, they were high team in giving oral reasons for their placings, and William J. Lipinski '79 was high individual in that category. He tied for sixth place in the total contest.

Burke A. Walker '79 was the third team member and Edward S. Lyon '79 was the alternate. Team coach was Samuel T. Slack of the Department of Animal Science at the State College of Agriculture and Life Sciences.

Business Air Travel Parking Is Free

The Office of Transportation Services has reserved 50 parking spaces in the Research Park lot adjacent to Langmuir Lab for the exclusive use of Cornell employees traveling by air on University-related business. The lot is about 200 yards away from the terminal building and is well marked with signs.

Special parking permits which allow free parking in this reserved lot may be picked up when purchasing airline tickets in the Travel Office, 163 Day

Hall. In order to obtain permits, employees must have current Cornell registration and/or S, U, E, O, or AB stickers.

Cornell employees and students using the airport for personal travel must park in the airport paid parking lot, the transportation office said.

Because of the new parking arrangement, there will be no reimbursement for Tompkins County airport parking fees on University travel vouchers.

Some U Parking Closed

Some 30 U permit parking spaces along Garden Avenue in front of Hoy Field are closed to parking for at least a week.

Extensive reconstruction of the parking area and repaving of the street are under way on the short stretch east of Traffic

Booth No. 1 to the bend in the street at Teagle Hall. There will be one-lane traffic during the construction, which should take about a week, weather permitting, according to Samuel Rowe of the Traffic Bureau.

**CORNELL CHRONICLE**  
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## Comment

*Chronicle Comment is a forum of opinion for the Cornell community. Address comments to Elizabeth Helmer, Managing Editor, Chronicle, 110 Day Hall. Letters submitted for publication in the Chronicle must be typed, double space, with 75 characters to a line, no more than 600 words in length. The Chronicle intends to adhere to this limit because of space and financial restrictions. The deadline is Monday noon at 110 Day Hall. Letters addressed to someone other than the editor, personal attacks against individuals or unsigned letters will not be printed.*

## Women's Caucus Supports Quotas

Editor:

As women who support affirmative action for both minorities and women through preferential treatment, and goals and timetables, the members of the Cornell Women's Caucus feel we must express our support of the University of California Medical School at Davis in the case Bakke v. the Regents of the University of California presently before the United States Supreme Court.

In order to remedy past and alleviate present discrimination against racial minorities and women it is necessary, constitutional and fair to use affirmative action programs. Recruitment, preferential treatment and goals and timetables are all desirable tools employed in carrying out these programs. Through the use of these tools, institutions of higher education have the opportunity to increase the number of qualified minority and female applicants, the

number of minorities and women in their student bodies, and, in turn, the number of minorities and women in professional fields.

Although the Bakke case is specifically about a special "quota" system for minorities in medical schools, the decision is awaited as the highest court's definitive statement regarding the constitutionality of affirmative action programs in general. Its outcome will affect not only members of racial minorities, but also women in education and employment.

A commitment to the alleviation of racism and sexism will be strengthened with encouragement from the Supreme Court. With a concern for this commitment, the Cornell Women's Caucus looks forward to a decision against Allan Bakke.

Margaret C. Unsworth  
Chairperson  
(Cornell Women's Caucus)

## Pottery Studio Lists Lessons, Facilities

The Pottery Studio at Willard Straight Hall is offering beginner lessons for six weeks starting Monday, Oct. 24. Classes are small and are offered 10 to 12 a.m., 2 to 4 p.m. and 7 to 9 p.m. most days. The \$30 fee includes all materials, tools and firing. A \$5 deposit is required to hold a space. The studio is open to the Ithaca community.

For the more experienced potter, studio space is available at \$12 a semester, which covers the use of the seven electric and

eight kick wheels, two electric bisque kilns, two A10 reduction kilns, salt and raku facilities. Clays and glaze materials are available for sale.

The studio is located inside the Rock Garden entrance to Willard Straight. Parking is available behind the building after 5 p.m. weekdays and on weekends. Hours are 10 a.m. to 10 p.m. Monday through Saturday; 2 to 10 p.m. Sunday. For more information, call 256-5170.

## Crops in China Lectures Topic

Richard R. Harwood, research director at the New Organic Gardening Experimental Farm, Rodale Press, will speak at 8 p.m., Oct. 27, in Bradfield Hall 101.

His topic is "China in 1977: Perspectives of a Crop Scientist." Also, he will show slides taken this past summer while a member of the U.S. delegation to the People's Republic of China which studied all aspects of the production of vegetable crops in that country. His talk is sponsored by the International Agriculture Program.

Harwood received the B.S. degree from Cornell in 1964 and the Ph.D. degree from Michigan State University. For several years he worked on the breeding of maize and sorghum for the Rockefeller Foundation in India and Thailand. He then moved to the International Rice Research Institute in the Philippines, where he was in charge of the cropping systems research program.

While visiting the State College of Agriculture and Life Sciences, Harwood will lead a

seminar in the Department of Vegetable Crops at 4:30 p.m., Oct. 27 in Emerson 135, on "Vegetable Cropping Systems in China and Their Application in Other Countries."

## Lacrosse Fall Finale Is Sunday

The fall lacrosse practice season will come to an end Sunday afternoon with a doubleheader between the Big Red and SUNY Cortland on Schoellkopf Field.

The varsity B teams will square off at 12:15 p.m. with the varsity match to follow at 2:30.

Coach Richie Moran's charges have won an unprecedented two straight national championships in the past two years.

Admission for the two games is \$1. Tickets may be purchased in advance at the lacrosse office in Teagle Hall, or on the day of the games at Schoellkopf ticket offices.

## 'Free Communication' Refined

Editor:

"Cameras deter free speech" was the quoted heading even though my letter in the Oct. 13 *Chronicle* did not include those words. The point I was trying to make was that freedom of assembly was jeopardized and that free communication of several kinds (including free speech) is deterred by police photographers. The full implication of this seems to have been missed by several of your readers, perhaps because I failed to give a specific example.

Cornell provides an education for students from many nations, and some of these students are opposed to oppressive regimes in their own countries. The university's security forces should not intimidate these students, or prevent them from expressing their views and feelings provided that they remain within the law of our country.

At the recent lecture placards were carried deploring Friedman's support for, and influence on, the repressive and brutal junta in Chile. The armed

police photographers created genuine fear in Chilean and other Latin American students who were involved in the peaceful demonstration. These students, rightly or wrongly, worried that these photographs could serve to identify them, and might be used against them or their families and friends in their own countries.

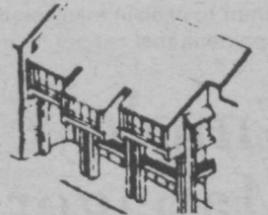
Whether true or not, there is a strongly held belief that the FBI and CIA work closely with the police and secret services of many other countries, and that campus police work hand in glove with the FBI. Actions of the sort authorized by President Rhodes at the Friedman lecture are therefore a real deterrent to freedom of assembly and communication by students who have come to Cornell for higher education, and who believed that they were studying at a liberal institution in a country which protected these freedoms.

The administration must use its ingenuity to find other ways to apprehend those who break the law. Mass photography of in-

nocent people is not a desirable means of preventing disruptions. Will we all be fingerprinted at the door if Pinochet, Vorster or Smith ever appear on this campus?

If police photographs continue to be used, then it may be necessary for the Cornell community to adopt other tactics. Iranian students have resorted to wearing masks when protesting the Shah's visits to the U.S. It would be a pity if speakers visiting Cornell had to lecture to a room full of hoods!

Michael C. Latham  
Professor  
International Nutrition



North Campus Union

## Resource Booklet Available

Continued from Page 1

agriculture, the arts, business, medicine, material sciences and engineering. Leisure-time interests and skills, whether they are gardening, how to make honey wine, belly dancing, playing the classical guitar, carpentry, plumbing or auto mechanics are also included, and all are examples of the rich diversity Meyer refers to:

"Exposure to such diversity can broaden and stimulate the intellectual and cultural education of students. The faculty and staff listed here may be able to provide more concrete, in-depth experience in a field, art, craft, skill or trade than is usually available in a classroom situation," he said.

Meyer emphasized that many faculty and staff members not

listed are also willing to share their interests and do spend time with students and student groups.

In addition to listings concerned with both academic and leisure-time interests, the booklet includes a section of faculty and staff available for career-oriented counseling and for personal advising. "Dual career families" and "The Interpersonal Dynamics of the Job Interview and Search" are among the areas of expertise mentioned and one employe has written simply: "Would be glad to be a buffer if anyone wanted to 'just talk.'"

It's this kind of student employe contact, Meyer says, that will help students, employes and faculty to become better acquainted: "Besides enhancing the student's education, the

booklet is designed to facilitate closer relationships between students, faculty and staff and let students know that employes are people too."

The sort of learning exchange—formal or informal, group or one-to-one—desired by a particular resource person is indicated by a code letter next to his or her name. Persons can also indicate how many times a year they are available for speaking engagements.

Also listed are comments employes have made about themselves, their background or about how they can be contacted. Student organizations needing assistance in planning a guest speaker program will find useful tips on making the necessary arrangements.

Meyer said the information for the booklet was compiled last spring and the listing is an extension of the faculty speaker booklet which the Dean's Office distributes every two or three years. "The idea was to include not just faculty members, but nonacademic employes as well. There are lots of employes who would like to help students, but, until now, there was no mechanism for them to do so," he said.

The booklet will be sent to the head residents and resident advisors, student groups, Information and Referral Center and academic advising offices in each of the colleges. Copies also are available for reference in the Dean's Office, 103 Barnes Hall.

## Calspan to Be Sold

Continued from Page 1

stock for not less than 2 years. Calspan's activities include avionics, aerodynamics and flight research, acoustics, ballistic missiles and space systems, environmental and energy systems, electronic countermeasures, security systems, surface chemistry, automotive and highway safety, thermal research, and many other scientific areas.

In 1976, its research contract revenues totaled \$31 million, with such major customers as the Department of Defense, the Department of Transportation, the Energy Research and Development Administration and the Environmental Protection Agency.

## Herbster: Sale Improves Budget

The sale of Calspan Corp., of which Cornell University is the principal stockholder, will mean that capital resources held by Cornell that are not generating dividends should begin to earn income, Senior Vice President William G. Herbster said today. Herbster said the capital, es-

timated at about \$6 million, could yield about \$200,000 in income for the remainder of the current fiscal year, if the sale is completed by January as expected. The additional income would be used to reduce the projected University general funds deficit of \$435,000. Next year, the income would be allocated as part of the regular budget process, Herbster said. The stock to be sold has been included since 1973 in the University valuation of its investment portfolio.

## Job Opportunities

Continued from Page 2

- \*Temp. Service Clerical (Center for Int'l Studies (temp. f/t))
- Keypunch Operator, NP-6 (State Finance & Business (perm. p/t))
- Program Aide I, NP-5 (Coop. Extension (temp. f/t) (NYC))
- Records Clerk I, NP-4 (Vet Microbiology (perm. p/t))
- Admin. Secretary, A-15 (College of Arch./Art/Planning (perm. p/t))
- \*Admin. Secretary, A-15 (Program of Computer Graphics (perm. p/t))
- \*Library Assistant III, A-15 (Univ. Libraries/Olin (temp. f/t))
- Library Searcher I, A-13 (Univ. Libraries/Olin (perm. p/t))
- Searcher I, A-13 (Univ. Libraries/Olin (perm. p/t))
- Sr. Clerk, A-12 (Campus Bus (perm. p/t))
- \*Cashier, A-11 (Statler - Accounting)
- Typist, A-10 (Athletics & P.E. (temp. p/t))
- Tech. Aide II, NP-11 (ETV Center, Media Services)
- Lab. Tech. I, NP-11 (Avian & Aq. Animal Med. (temp. f/t))
- Res. Tech. II, NP-10 (Biochem., Molecular & Cell Bio. (temp. f/t))
- \*Lab. Tech. I, NP-8 (Food Science (perm. p/t))
- \*Lab. Tech. I, NP-8 (Food Science (1 year))
- Electronic Tech., Jr., A-15 (Materials Science Center (perm. p/t))
- Regional Director, CP04 (Univ. Development (temp. p/t) (Cleveland))
- Managing Editor, CP04 (NYSSILR (temp. f/t) (Albany))

Thursday, October 20, 1977

# Viola de Gamba Recital Scheduled

Music for viola da gamba will be played in a Cornell University recital by John Hsu, Old Dominion Professor of Humanities and Music, in two performances in the auditorium of Barnes Hall at 8:15 p.m. Saturday, and at 4 p.m. Sunday.

The concert, which is free and open to the public, will include G.P. Telemann's Sonata in E minor, C.P.E. Bach's Sonata in C Major, J.S. Bach's Sonata No. 3 in G minor, Charles Dolle's Suite No. 2 in C minor and Marin Marais' Suite No. 2 in D Major. The harpsichord accompaniment will be provided by William

Austin.

Hsu, a member of the University faculty since 1955, is one of the few viola da gamba virtuosos today, a specialist in French solo gamba literature and the most active solo gamba player in North America. He is an artist-faculty member of the Aston Magna Foundation for Baroque Music as well as cellist of the Amadeo Trio.

Austin, the Goldwin Smith Professor of Musicology and Cornell faculty member since 1947, has often collaborated in performances as harpsichordist with Hsu.

# Academic Women's Careers Is Topic

A meeting on "Career Counseling for Academic Women," to discuss ideas raised during the recent Higher Education Resource Services (HERS) workshop, will be held at 1:30 p.m. Thursday, Oct. 27, in 105 Industrial and Labor Relations (ILR) Conference Center.

The HERS workshop, sponsored by the Extension Division of ILR and the Cornell Women's Studies Program, explored techniques for preparing a good resume, strategies for having a successful job interview and ways of finding information about openings for women in higher education. One

goal of the workshop was to help participants form "career cooperatives" or small support groups.

Women faculty, staff, graduate students, and women re-entering college or the labor market, as well as all other interested persons, are welcome to attend the follow-up meeting, even if they did not attend the HERS workshop.

The meeting will be preceded by a lecture on "The Labor Market for Ph.D's: Prospects for Women" by Charlotte Kuh, assistant professor in the Graduate School of Education, Harvard University. The lecture is scheduled for 12:15 p.m. in 105 ILR Conference Center.

# NSF Graduate Fellowships

Initial National Research Council Graduate Fellowship awards are intended for students at or near the beginning of their graduate study.

The fellowships will be awarded for study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering and social sciences, and in the history and philosophy of science.

The deadline date for the submission of applications for NSF Graduate Fellowships is Dec. 1, 1977. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418.

# ASEE Conference To Be at Cornell

How do engineering colleges first introduce students to engineering and technology? How do they involve practicing engineers in their curriculum? How do they reach out to women students and minority students? What are the job prospects for their graduates?

These are some of the questions to be discussed at the annual fall meeting of the St. Lawrence Section of the American Society of Engineering Education (ASEE), to be held at Cornell University Friday and Saturday, Oct. 21 and 22.

About 200 faculty members and practicing engineers from Ontario, Quebec and Upstate New York are expected to attend. Conference sessions with themes corresponding to the above questions will involve more than 25 speakers or panelists. In addition, the annual business meeting of the St. Lawrence Section of ASEE will be conducted by the chairman of the section, Edward T. Misiasek, associate dean of engineering at Clarkson College of Technology.

The co-chairmen and organizers of the meeting are Donald F. Berth and Richard N.

White of the College of Engineering at Cornell. A number of other Cornell faculty and staff members have participated in the preparations.

The ASEE is a national organization dedicated both to the improvement of university and college instruction and facilities in engineering and to the interaction between engineers in education and those in industry and practice.

# Secretary of Agriculture To Be at Town Meeting

U.S. Secretary of Agriculture Robert Bergland will visit the Teaching and Research Center of the Department of Animal Science enroute to Ithaca for a press conference and town meeting Oct. 26.

The town meeting will begin at 8:30 p.m. in Boynton Junior High School and free bus service will be available for students who would like to attend.

Students should register for the buses between Oct. 19 and 24 at the Willard Straight desk or Mann Library reserve desk.

# Bailey Concert Series Pianist to Perform

Spanish pianist Alicia de Larrocha, will perform in the Bailey Hall Concert series at 8:15 p.m. Monday, Nov. 7.

The program includes Beethoven's "Three Bagatelles, Op. 33" and Sonata in E flat major, Op. 31, No. 3; Scarlatti's Two Sonatas in B minor and A major; Joaquin Turina's "San Lucar de Barrameda;" Carlos Surinach's "Five Dances" from the ballet "Acrobats of God" and selections from Isaac Albeniz's "Iberia."

Known as the most outstanding interpreter of Spanish music, de Larrocha has made three major tours of the U.S. and Canada almost every year since 1965. Among her regular yearly recitals are those given at the Great Performers Series at Avery Fisher Hall, Carnegie Hall and the Kennedy Center in Washington, D.C. She has performed as soloist with virtually every major symphony



Alicia de Larrocha

in the nation. During the summer of 1976 she appeared at several of the major music festivals including the Hollywood Bowl, Ravinia Festival, Caramoor Festival and New York's Mostly Mozart Festival.

She has become one of the

world's most recorded artists and has been awarded a Grammy for two years in a row. She has also been awarded the Paderewski Memorial Medal (London 1961), the Grand Prix du Disque and the Edison Award. In addition to her recordings, she regularly tours Europe each year and has been heard by audiences in South America, Japan, Australia, New Zealand, and most recently, South Africa.

De Larrocha made her recital debut at age five and by the time she was nine she was playing Mozart with the orchestra in Madrid. She learned piano under Frank Marshall and for ten years taught while assuming Marshall's position as director of the Marshall Academy after his death in 1959.

Tickets go on sale Monday Oct. 24 at the Lincoln Hall ticket office which is open from 9 a.m. to 1 p.m. For more information, call 256-5144.

# Film Series Being Shown

"The Ascent of Man," a series of films by Jacob Bronowski that explores the scientific discoveries which have shaped human history is being shown at 4 p.m. Thursdays through Nov. 10 in Uris Hall Auditorium on the Cornell University campus.

The showings, organized by Kenneth A. R. Kennedy, associate professor of anthropology, and Johanna Rankin, assistant professor of astronomy, in cooperation with Cornell Cinema, are open to the public as well as to the Cornell

community. A \$1 donation is requested at each showing. The schedule follows:

—Oct. 20. "The Music of the Spheres" explores the evolution of mathematics and explores the relationship of numbers to musical harmony, early astronomy and perspective in painting.

"The Starry Messenger" is the story of man's early attempts to map the forces that move the planets. The film traces the origins of the scientific revolution through the conflict between fact and religious

dogma and culminates in the trial of Galileo.

—Oct. 27. "The Majestic Clockwork" explores the revolution that occurred when Einstein's theory of relativity upset Newton's elegant description of the universe. "The Drive for Power" shows how the industrial and political revolutions altered man's concept of power during the 18th century.

—Nov. 3. "The Ladder of Creation" explores the theory of evolution developed simultaneously by Alfred Wallace and Charles Darwin. "World Within World," a look inside the atom, traces the history of the people and ideas that have made 20th century physics, in Bronowski's words, "the greatest achievement of the human imagination."

—Nov. 10. "Knowledge or Certainty" is Bronowski's personal view of the moral dilemma that confronts modern scientists. He contrasts humanist traditions with the inhumanities of the Nazis, the harnessing of nuclear energy with the development of the atomic bomb. "Generation upon Generation" examines the complex code of human inheritance—from the experiments of pioneer geneticist Gregor Mendel to discoveries in modern laboratories. "The Long Childhood," the final film in the series, draws together the series' many threads as Bronowski takes stock of man's complex and sometimes precarious ascent.

# Convocation Topic Is 'Unlikely Errands'

Robert Peel, former editorial writer on The Christian Science Monitor, will speak at the Sage Chapel Convocation at 11 a.m. Sunday, Oct. 23. His topic will be "Unlikely Errands."

Peel has had a varied career as college professor, literary critic, counterintelligence officer, newspaperman, editorial consultant to The First Church of Christ, Scientist, in Boston and writer on religious and ecumenical topics.

Born in England, he received the B.A. and M.A. from Harvard University, where he remained for several years as a lecturer in English. He later became associate professor in English and philosophy at Principia College in Illinois.

Besides writing for The Monitor for seven years, he has contributed to various scholarly



journals and has written four books: "Christian Science, Its Encounter with American Culture" (1958), "Mary Baker Eddy: The Years of Discovery" (1966), and "Mary Baker Eddy: The Years of Authority" (to be published in November 1977) has been described by the Yale historian Sydney Ahlstrom as "a milestone in the historiography of Christian Science."

# Term Paper Help Is Available



Term paper season is here and the Academic Resources Center (ARC) has special information to help you through. When researching your paper, be sure to ask the library's reference staff for help. ARC files contain information on little known collections on campus that just might fit your topic.

Once your research is under way, the Writing Workshop in 302 Rockefeller Hall is available to help you put it all together. The Writing Workshop offers a free walk-in service 9 to 11 a.m. and 1:30 to 3:30 p.m. Monday through Thursday in Rockefeller 302, and 6-10 p.m. Monday through Thursday and Sunday 1 to 5 p.m. in the Tower Room of Uris Library. When you're putting the finishing touches on your paper, remember that ARC has published revised lists of typists, editors, and proofreaders for your convenience.

Stop by the ARC desk in the lobby of Uris Library, or call 6-4199.

# Volunteers Are Needed to Tutor

By MARY MCGINNIS  
CIVITAS COORDINATOR

**TUTORS SKILLED IN MATH AND SCIENCE:** Ithaca High School is asking for tutors in math and science. Help is needed any weekday between 8 a.m. and 2:30 p.m. at mutual convenience of volunteer and high school student.

**IF YOU LIKE TO SWIM OR BOWL:** Volunteers still needed to work with children in a bowling program, 3 to 5 p.m. Tuesdays in downtown location, and in a swimming program 7-9 p.m. Tuesdays at Teagle pool.

**HEBREW SPEAKING TUTORS:** Elementary school within easy distance of the campus needs volunteers to help non-English-speaking child recently arrived in Ithaca. Monday, Wednesday, Thursday, anytime between 9 a.m. and 3 p.m. Transportation can be arranged.

**"HOBO BALL" HALLOWEEN PARTY:** Volunteers needed to help out with various Halloween projects and games for party, 6 to 10 p.m. Oct. 31. Activities will include "Gong Show." Any help welcome, at convenience of volunteer.

**JUNIOR HIGH SCHOOL STUDENTS need help in English, French and 8th-grade math:** We are trying to fill a car with volunteers on Monday afternoons between 12 noon and 2:30 p.m. If you're free and would like to volunteer at these times, come to CIVITAS.

**VOLUNTEERS TO TEACH ARTS AND CRAFTS** are sought to work with developmentally disabled adults, Wednesday afternoons 2-3:30, downtown; or to work with former psychiatric patients, Wednesday mornings, 9-12 noon at location near Trumansburg.

**NINTH GRADERS NEED HELP WITH ALGEBRA AND BASIC MATH:** Children living in downtown supervised facility need help in late afternoons or early evenings with algebra and basic math. Days and times at convenience of volunteer.

**LOCAL THEATRE REQUESTS ARE VARIED:** Volunteers needed in different capacities; as ushers and ticket takers for Friday and Saturday evening performances (volunteers' reward is a free seat); as helpers in restoration and painting, one evening a week (specific evening not yet set); as publicity promoters.

**CAREER CENTER, ITHACA HIGH SCHOOL** is seeking volunteers

to work for two-hour shifts on Thursday and Friday between 8 a.m. and 3 p.m. Duties would include using audiovisual equipment and assisting with finding correct college catalogs and career material. Training for A-V equipment will be provided.

**TO RESPOND:** Come to CIVITAS, 125 Anabel Taylor Hall, 256-7513, between 10 a.m. and 2 p.m. Monday through Friday. Or call the Voluntary Action Center, 272-9411, Monday through Friday, 9 a.m. to 4 p.m. and Saturday 9 a.m. to 1 p.m.

## NNPF Application Deadline Announced

National Needs Postdoctoral Fellowships will be awarded for research and study on scientific problems related to national needs in the mathematical, physical, medical, biological, engineering and social sciences, as well as in interdisciplinary areas. Application may be made by persons who will have earned a Ph.D. degree by the beginning of their fellowship tenures or have had research training and experience equivalent to that represented by a Ph.D. degree, and who will have held the doctorate for no more than five years as of Dec. 5, 1977. All applicants must be citizens of the United States, and will be judged on the basis of ability.

The basic stipend for postdoctoral fellows is \$1,000 per month; a limited travel allowance is also provided. In addition, the National Science Foundation will provide the fellowship institution, upon its request, with a cost-of-education allowance on behalf of the fellow to assist the institution in meeting the cost of tuition and fees, and in providing the fellow with space, supplies, and equipment. No dependency allowance is available.

The deadline date for the submission of applications is Dec. 5, 1977. Further information and application materials may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington, D.C. 20418.

## Two Units Renamed

A newly-renovated research unit at Cornell has been named the Frances Johnston and Charlotte Young Human Nutrition Research Unit in honor of two nutritionists retired from the State College of Human Ecology.

Another name change at Human Ecology concerns the Department of Consumer Economics and Public Policy, which officially became the Department of Consumer Economics and Housing on July 1 to give more visibility to housing studies.

The Nutrition Research Unit is on the fourth floor of Martha Van Rensselaer Hall and most recently has been used for a study of fiber in human diet. It consists of a dining room, laboratories, offices, and a lounge for students who act as subjects in the studies.

Both Johnston and Young were leaders in areas of nutrition research with human subjects during their Cornell careers. Johnston, who retired in 1965, was an authority on iron metabolism. Young, who retired in 1974, was recognized internationally for her studies of obesity.

## Bulletin of the Faculty

### FCR Meeting, October 12, Ives 110

After calling the regular monthly meeting of the FCR to order, Speaker Peter Stein called on the dean for his report. Not having much to report, the dean confined his remarks to the governance issue, which was the major item on the day's agenda.

He recalled for the body the history: the oft stated growing disaffection of the Faculty for the FCR; his own straw poll last spring regarding an appraisal of Faculty governance; the quite favorable response to the poll and overwhelming sentiment in favor of a governance study, particularly of the "town meeting"; the authorization by the Review and Procedures Committee for the appointment of an ad hoc committee to do just that; its report and the R&P Committee unanimous vote for a special meeting of the Faculty to consider the matter. The present meeting was thought by the Executive Committee to be useful for the reception of ideas related to modification (as opposed to abandonment) of the FCR representative form. Ideas might come forward to be useful for discussion at next week's special meeting.

To start things off, the dean threw out some notions for change: relax somewhat the present wide ranging, overlapping and rigid committee structure — could not the committees be composed entirely of non-FCR members, or at least a greater percentage than at present; could not the Executive Committee be given authority to make decisions of a more routine nature — it is now more or less merely a body to set meeting agendas and steer issues to appropriate committees. It can act only in emergency situations, which actions later undergo (or not) confirmation by the FCR. This can become awkward, the dean citing an immediate example: I&LR and Baruch University in NYC are proposing a joint program which must be approved by the Faculty to get to the Trustees by Nov. 9. It is appropriate that the Executive Committee act on this at its next meeting. The FCR will have a chance to confirm the action but cannot do so until after the Trustees have themselves taken action; which makes it somewhat pointless. Finally, the dean suggested that the FCR may be too large and that the mandate on tenure vs non-tenure distribution in the body should be looked at.

At the conclusion of his remarks, a quorum had been reached to allow consideration of the last meeting's minutes. Approved they were.

Back on governance, Professor Robin Williams rose to speak strongly in favor of the representative form. Many of the now seen as rigid provisions were purposely built in during

a rough period in the University, during which the FCR was being set up. Such provisions are always subject to change when conditions are different; his main concern was that we should not go back to the old, and miscalled, "town meeting," with its alternations between apathy and crisis, with, as we found from long and bitter experience, decisions being made and later regretted. Not a good way to operate. Those who want their voices heard can be given the opportunity. He feels the present body has the widest representation of responsibility we've had since 1946, when he came to Cornell. The old Faculty Council made fine decisions all the time and the mass meetings following made for fine speeches. But he urged not going back to a structure unable to deal with emergencies. He agreed on a need to streamline committees.

Professor Barclay Jones echoed the dean's remarks on the rigidity of the committee compositions. As a former chairman of the Nominations and Elections Committee, he knew too well how difficult it is to fill seats on committees. Very tough.

Professor Battistella favored the strong representative form. He felt the town meeting simply takes the present FCR deficiencies and exaggerates them. The issue to him is: do we want governance. Presuming that the Faculty does, he then said we should improve committees, concentrate on streamlining the way in which decisions are made.

Non-member Professor Whitlock was recognized and said that there were two weaknesses that the various suggestions did not address. Are we an advisory body only or do we have some power? The by-laws indicate that we can only consider; no power. Secondly, he sees weakness in the position of the dean of the Faculty. Way back when, we had a president, a provost, a treasurer and a part-time dean; he is rather defined in the by-laws as the president's man. Now it is much worse: we have a chancellor, a president, vice-presidents, a provost and vice-provosts, and what not, and still a part-time dean. If administration responsibilities have increased over the years to such an extent, have not also those of the dean?

His remarks drew considerable agreement. Professors Williams, Galenson and Fox spoke in support, but Fox urged that we not further dilute the dean; he is our voice in administration. If we were to name an assistant to the dean, fine; but no assistant dean, please. Galenson suggested that we need experts here and there. We could advise better on governance if we knew something about it. We have Faculty members on the Board of Trustees, but they need expert advice. He cited in further example the Budget Committee which tries hard to do its job; but what do they know about high finance. We need some experts.

Professor Potter wondered about a measurement on frustration; are those in the statutory schools more frustrated than those in the endowed. He thinks the latter have far closer liaison with administration than is the case on the upper Campus and are far more content.

Professor Gibian sees those in the FCR as being more supportive of it than those on the outside. He wishes that something could be done to interest the "outsiders"; can't we get more information out on what goes on in the organization. He sees three reasons for the unrest and move for going back to the old format: some people want change for change's sake; some don't know what goes on in the FCR; and some want a forum for the making of or listening to fine speeches.

The dean rose to this and pointed out the extensive coverage given the doings both in the *Chronicle* and in Faculty minutes (too extensive perhaps?) but you can't make a horse drink. For all that has been said, people are still not aware of their prerogatives re the FCR; even Professor Whitlock thought he had to seek the body's permission to speak; any Faculty member, on being recognized can speak. While he may not make motions he can surely get some member to make them.

Professor Battistella said that a body cannot lead unless there are followers; you've got to have participation. The benefits are not one sided; they are bilateral. We need full-time help, a full time dean, skilled and informed people to represent our interests in negotiation and compromise. Otherwise we're in for some heavy going — tenure, salaries, freedom of speech, retirement, etc., all current matters needful of careful consideration and protection. He thinks the Faculty have this romantic view of things, that we have a few great orators who will defend us from management, trustees, other ogres.

Professor Pardee rather supported the view; people see the town meeting as a lovely, ideal, New England type concept. True, one can have fine orations. He cited a personal experience wherein an effort involving three years of hard work on a proposition in a village of that New England was thrown out in one evening after a single impassioned (albeit oratorical) speech. A poor way to go.

Professor Williams, in response to Professor Gibian, allowed as how it was difficult to get a message across, even to Faculty. FCR members should stimulate their colleagues to come out and do something. He was ready to consider some specifics.

Professor Galenson responded, suggesting the adoption of one of the dean's ideas: give the Executive Committee more authority. He took a current example wherein it might do something! Congress has made precipitate move to extend the mandatory retirement age to year 70. Pressure has been brought to bear by University administrations, including our own, to exempt college professors. Administrations should not be able to do this to Faculties. If the proposal stands, a lot of trouble looms ahead, he feels. We need a body of our colleagues that can respond quickly to such circumstances. He urged a larger Executive Committee with some authority to do such things. He added, interesting postscript, that the State University, SUNY, already has a mandatory retirement age of 70. He, and apparently some others, have written President Rhodes deploring his support for the exemption. If we really need a surge of fresh young

blood in the place, better lower the retirement age to 50, it was remarked.

Professor Raffensperger suggested that it might be interesting to look into the possibilities of getting in the pipeline that exists to the more prominent lobbyists who should lobby on behalf of the universities. Something exists but it is very difficult to find out anything about it.

Professor Wharton, to apprise Faculty of their rights in FCR meetings wanted the secretary to do so in his minutes and report. Hence: **ALL FACULTY MEMBERS ARE INVITED AND URGED TO ATTEND FCR MEETINGS, MAKE THEIR VIEWS KNOWN AND TAKE PART IN DISCUSSION. (HONEST.)**

The dean's suggestion that FCR members be excluded from committee assignment did not get very far. Professor Mary Morrison was willing to go somewhat in that direction but not all the way. Professor deBoer was also opposed; he feels the real work of the organization goes on in committees and so wants FCR members represented thereon. He too was willing to relax the requirements on their constituencies but wanted safeguards. Professor Pardee backed this up, feeling that committee chairmen should probably be FCR members; at least then some FCR members will be fully familiar with the committee work, where, otherwise, none would be.

Professor Carlin asked whether the Faculty, say through the FCR, had any instrument for responding to such a situation as that of the mandatory retirement matter. The speaker thought a resolution by the FCR would be quite in order; it could be directed to whomever the body decided should get it. To Professor Potter's expressed view that such would only represent the views of this body, the speaker reminded him that the Faculty has set up the FCR to represent them.

Professor Potter then went on to inquire as to whether any other University has succeeded in governing itself in representative format any better than we have. The dean was willing to guess that if Cornell Faculty wished to exercise its prerogatives, it had more power than in any other institution he knew of. We control matters affecting academic policy and practically anything does that.

Professor Jones moved that the Review and Procedures Committee set up a committee to investigate ways in which the FCR representative form of governance could be improved. It was seconded and voted favorably. The dean had noted before the vote that no changes become final until after the three-step process specified in an opus called *The Organization and Procedures of the University Faculty*: majority vote of the Faculty Review and Procedures Committee; a majority vote in a full Faculty meeting attended by at least 10 per cent of the Faculty; a majority vote in a Faculty referendum. Whatever happens, some changes have to be made simply to excise references to the Senate, now gone.

Following the above vote, adjournment was called for, voted and carried out.

P.L. Hartman  
Secretary

## Special Seminars

**Agriculture and Life Sciences**  
**JUGATAE:** "Insect-Host Plant Coevolution," Larry Gilbert, University of Texas, Austin, 4 p.m., Monday, Oct. 24, Caldwell 100.  
**MICROBIOLOGY:** "Methanogenesis in Anaerobic Lake Sediments," Richard Strayer, 4:30 p.m., Thursday, Oct. 20, Stocking 124.  
**PLANT PHYSIOLOGY:** "Chemotaxonomy and Pharmacology of Sopora (Leguminosae)," Mohammed Izzadoost, University of Tehran, 11:15 a.m., Friday, Oct. 21, Plant Science 404.

**Arts and Sciences**  
**ANTHROPOLOGY:** "Research Report on the Tamang of Nepal," David Holmberg, 4:30 p.m., Monday, Oct. 24, McGraw 165.  
**CHEMISTRY:** "Interaction of Nucleic Acids and Nucleic Acid Components with Inorganic Species," Luigi G. Marzilli, Johns Hopkins University, 4:40 p.m., Thursday, Oct. 20, Baker Lab 119.

**ORGANIC/INORGANIC CHEMISTRY:** "Enzymatic Suicide Substrates," G. Walsh, MIT, 8:15 p.m., Monday, Oct. 24, Baker Lab 119.

**CHEMISTRY BAKER LECTURE:** "Kinetics of Elementary Surface Reactions," Gabor A. Somorjai, University of California, Berkeley, 11:15 a.m., Tuesday, Oct. 25, Baker Lab 200.

**PHYSICS:** "The Birth of Quantum Mechanics," Jagdish Mehra, University of Brussels, 4:30 p.m., Monday, Oct. 24, Clark 700.

**PHYSICS BETHE LECTURE:** "A Physicist Blunders into Architecture," Robert R. Wilson, director, Fermi National Accelerator Laboratory, 8 p.m., Tuesday, Oct. 25, Franklin 115.

**Biological Sciences**  
**BIOCHEMISTRY:** "Expression of Early Functions in Adeno-SV40 Virus Hybrids," George Fey, Cold Spring Harbor Laboratory, 4:30 p.m., Friday, Oct. 21, Stocking 204.

**ECOLOGY AND SYSTEMATICS:** "On the Adaptive Significance of Compound Leaves, with Particular Reference to Tropical Trees," Thomas Givnish, Harvard University, 4:30 p.m., Wednesday, Oct. 26, Langmuir Penthouse.

**NEUROBIOLOGY:** "Studies of Neural Control of Feeding Behavior in the Mollusc Aplysia," I. Kupfermann, Columbia University, 12 noon, Thursday, Oct. 20, Langmuir Penthouse.

**Centers and Programs**  
**COMPUTER SERVICES:** "Communication Between VS APL and CMS," Carl Diegert, Operations Research, 3:30 p.m., Friday, Oct. 21, Uris Hall G-14.

**INTERNATIONAL STUDIES:** "Understanding Rural Elites in India: An Exploratory Analysis of Two Approaches," John MacDougall, Lowell Institute, 12:15 p.m., Friday, Oct. 21, Uris Hall 153.

**Engineering**  
**GEOLOGICAL SCIENCES:** "Generation of Oceanic Crust and Mantle: Evidence from Newfoundland Ophiolites," William Kidd, SUNY, Albany, 4:30 p.m., Tuesday, Oct. 25, Thurston 205.

**MATERIALS SCIENCE AND ENGINEERING:** "Magnetic Structures Determined with X-Rays," F. de Bergevin and M. Brunel, Grenoble, France, 4:30 p.m., Thursday, Oct. 20, Bard 140.

**OPERATIONS RESEARCH:** "Optimal Integrated Control of Univoltine Test Populations," Christine A. Shoemaker, 4:30 p.m., Tuesday, Oct. 25, Upson 305.

**PLASMA STUDIES:** "Recent Results on PLT," Wolfgang Stodiek, Princeton University, 4:30 p.m., Wednesday, Oct. 26, Grumman 282.

**THEORETICAL AND APPLIED MECHANICS:** "Orbital Resonance in the Structure of the Solar System," Richard Greenberg, Planetary Science Institute, Tucson, AZ, 4:30 p.m., Tuesday, Oct. 25, Space Sciences 105.

**Human Ecology**  
**TEXTILES:** "Some Factors Affecting Comfort of Fabric and Garments," John F. Fuzek, Tennessee Eastman Co., 4:30 p.m., Monday, Oct. 24, Martha Van Rensselaer 317.  
**TEXTILES:** "Color: Perception and Psycholinguistics," H.

Zollinger, Swiss Federal Institute of Technology, Zurich, 4:30 p.m., Tuesday, Oct. 25, Martha Van Rensselaer 317.  
**TOXICOLOGY:** "Purification of Insect Microsomal Mixed Function Oxidase," Duane L. Crankshaw, 12:15 p.m., Monday, Oct. 24, Martha Van Rensselaer N-225.

## Bulletin Board

### Minorities in Law

The fourth annual symposium on Minorities in Law will take place from 12:30 to 5 p.m., Saturday, Oct. 22 in Kaufmann Auditorium, Goldwin Smith Hall. Speakers will include Michael Tucker and Monica McGhie of the Minorities Undergraduate Law Society (which is sponsoring the symposium); Carolyn Williams, Career Center; Simeon Golare, professor, Rutgers Law School; Carol Brokaw, labor law attorney with ABC; Walter Stone, practicing attorney; Donald Gadsden, an entertainment lawyer; William Pollard of Paul, Weiss, Rifkind, Wharton and Garrison; Thomasina Rogers, HEW Civil Rights enforcement lawyer. The program will have a panel discussion with law school officials from Cornell, Harvard, Yale, Syracuse, Duke, University of Cincinnati, Boston University and Stetson University. The symposium is open to the public.

### Investment Advisory Positions

Under amendments recently approved by the Investment Committee of Cornell University's Board of Trustees, three positions on its Investment Advisory Committee are to be filled by a faculty member, a student and an employee, to be selected by the Campus Council. The Investment Advisory Committee makes recommendations to the Investment Committee, on how

## Graduate Bulletin

(Sage Notes)

The new members of the General Committee of the Graduate School are as follows: Professor Gordon Messing (Member-at-Large); Professor Lawrence Williams (Member-at-Large); Professor Esther Dotson (Humanities); Professor Frank Young (Social Sciences); Professor Richard P. Korf (Biological Sciences); Professor Yervant Terzian (Physical Sciences).

Late course registration or addition of courses is still possible upon payment of late fee (\$10). The deadline date for dropping or changing grading option is Oct. 28.

Students turning in Ph.D. theses at this time are reminded of the price increase for copyright — now \$20. Abstract reprint prices have increased too. Contact the Thesis Secretary for details (6-4884).

Applications for the National Science Foundation Graduate Fellowship Program are now available. Eligible undergraduate seniors or first-year graduate students may request preliminary application materials from the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, D.C. 20418. The deadline for submission is Dec. 1, 1977. Additional information and preliminary applications may be obtained from the Fellowship Office, 116 Sage Graduate Center.

Eligible graduate students and faculty interested in *postdoctoral* funding should consider the National Science Foundation National Needs Postdoctoral Fellowship Program. Application materials should be requested from the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, D.C. 20418. The deadline for filing applications is Dec. 5, 1977. Additional information may be obtained from the Fellowship Office, 116 Sage Graduate Center.

Graduate students should consult the Fellowship Notebook at their field office for information on fellowship program for 1978-79. Check with your Graduate Faculty Representative for further information and suggestions. Application deadlines for many programs are rapidly approaching.

the University's proxies should be voted on shareholder proposals in corporations in which the University owns stock. Faculty members, students and employees interested in applying for one of these positions may obtain application forms and further information from the Campus Council Office in 133 Day Hall, or by calling 256-3715. Applications must be submitted by Oct. 31. Persons who have listed the Investment Advisory Committee on a previous application for a Council committee assignment need not reapply.

### Human Ecology Registration

Human Ecology Course Registration (Preregistration) for Spring Term courses begins Monday, Oct. 24, and ends Friday, Nov. 4. Check your mail folder in the Student Lounge starting Monday, Oct. 24, for materials and instructions for course registration.

### Ornithology Lecture on Gannets

Michael J. Thomas, a visiting professor at Syracuse University and British ornithologist, will speak on "Gannets on Grassholm, West Wales" at 7:45 p.m. Monday, Oct. 24, at the Laboratory of Ornithology, 159 Sapsucker Woods Road. The lecture is free and open to the public.

## Career Center Calendar

Oct. 20 — Interviewing for Crossroads Africa at Career Center.

Oct. 21 — Representatives of the following schools will be interviewing interested students at the Career Center: Harvard Business School, Georgia Institute of Technology Management Program, Wharton School of Finance & Commerce. Make an appointment ahead of time.

Oct. 22 — Minorities Undergraduate Law Society will hold its fourth annual Symposium on Minorities in Law, 12:30 p.m. Kaufmann Auditorium, Goldwin Smith.

Yale and Harvard Law Schools will be interviewing students at the Career Center. Make an appointment ahead of time.

Oct. 24 — The University of Michigan Graduate School of Business Administration will be interviewing interested students. Sign up in advance.

Oct. 25 — General information meeting on ACTION (Peace Corps, VISTA), 4 p.m., Uris G-94.

How to Use the Career Center Library to Research Summer Jobs, 4:30 p.m., Career Center. Sign up in advance. Resume Critique, 3-4 p.m., Career Center. Sign up in advance.

University of Michigan Graduate School of Business Administration and Suffolk University Law School interviewing interested students at the Career Center. Make appointment in advance.

Oct. 26 — ACTION interviewing at Career Center. Make appointment.

Institute of Paper Chemistry will interview at Career Center. Sign up in advance.

Wade Henderson, director of the Council on Legal Education Opportunities will speak in the Multipurpose Room at North Campus Union, 3:30-5:30 p.m.

## Calendar

Continued from Page 8

and Keep Your Man: Advice to American Women, 1600-1977." Susan Rosenfeld Falb, History, I&LR Conference Center 105.

1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims), Anabel Taylor Edwards Room.

3-7 p.m. Happy Hour, North Campus Thirsty Bear Tavern.

4-6 p.m. Happy Hour, Noyes Center Pub.

4:15 p.m. Coalition for the Right to Eat meeting, Anabel Taylor Forum.

4:30 p.m. Bethe Lecture Series: "A World Laboratory of Nuclear Studies," Robert Rathbun Wilson, Fermi National Accelerator Laboratory, 311 Newman.

5:45 p.m. Shabbat Service (Orthodox), Young Israel House.

6 p.m. Shabbat Service (Conservative), Anabel Taylor Founders Room.

7 & 10:30 p.m. \*Cornell Cinema presents "Demon Seed" and "Death Race 2000," 2 complete shows, Straight Theatre.

7:15 p.m. Cornell Christian Fellowship meeting for prayer, singing and fellowship. All welcome, Anabel Taylor Edwards Room.

7:30 p.m. Dungeons and Dragons meeting, Uris Hall G-94.

7:30 p.m. Pentangle II Free Film Series: "Alice Adams," (Stevens, 1925, U.S.); short "The Tempest" (Olvey and Brown, 1069, U.S.), Uris Hall Auditorium.

7:30 p.m. \*Cornell Varsity Soccer-Yale, Schoellkopf.

8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph. D. candidate Peter Winn, Lincoln Drummond Studio.

8:30 p.m. \*Cornell Folk Song Club Concert featuring Jane Voss and Hoyle Osborne. Country, ragtime and old time music on piano, mandolin, and guitar. Goldwin Smith Kaufmann Auditorium.

9:30 p.m. \*Cornell Cinema presents "Dr. Jekyll and Mr. Hyde," Uris Hall Auditorium.

10 p.m. Tammany Niteclub presents Raoul and The Torts, Risley College.

11:30 p.m. \*Cornell Cinema presents "Steppenwolf," Uris Hall Auditorium.

12 midnight. Tammany Niteclub presents Lisa, Bonnie & Co., guitars and vocals, Risley College.

### Saturday, October 29

9:30 a.m. Shabbat Service (Orthodox), Anabel Taylor Edwards Room.

9:30 a.m. Shabbat Service (Conservative), Anabel Taylor Founders Room.

1 a.m. Cornell Women's Tennis-University of Pennsylvania, Newman Courts.

11:30 a.m. \*Cornell Cross Country-Bucknell, Rochester, Moakley Course.

12 noon. Cornell Rugby Club-Buffalo State, Upper Alumni Field.

1:30 p.m. \*Cornell Varsity Football-Yale, Schoellkopf.

4 p.m. Chinese Bible Study Group, Anabel Taylor Edwards Room.

4:30 p.m. Catholic confessions, Anabel Taylor G-24.

5:15 p.m. Catholic Mass, All welcome, Anabel Taylor Auditorium.

7 & 9 p.m. \*Cornell Cinema presents "Dr. Jekyll and Mr. Hyde," Uris Hall Auditorium.

7 & 10:30 p.m. \*Cornell Cinema presents "Demon Seed" and "Death Race 2000," 2 complete shows, Straight Theatre.

7:30 p.m. Dungeons and Dragons meeting, Uris Hall G-94.

8 p.m. \*University Unions Program Board presents "Grease," a loving, nostalgic, sometime cynical and always funny and exhilarating look at teenage life in the '50s. Tickets on sale for reserved seats only at Willard Straight, McBooks and Egbert Union, Bailey Hall.

8:15 p.m. \*Cornell Glee Club Homecoming Concert, Thomas A. Sokol, conductor. Works of Piston and Vaughan Williams, spirituals, folk and college songs, Sage Chapel.

8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph.D. candidate Peter Winn, Lincoln Drummond Studio.

11:30 p.m. \*Cornell Cinema presents "Steppenwolf," Uris Hall Auditorium.

### Sunday, October 30

9:30 a.m. Episcopal Church Worship Service, Sunday school and nursery provided, Anabel Taylor Chapel.

9:30 & 11 a.m. Catholic Mass, All welcome, Coffee hour

follows Mass. School and nursery provided, Anabel Taylor Auditorium.

10 a.m. Ithaca Society of Friends (Quakers), Discussion and First Day School, Babysitting provided, Anabel Taylor Forum.

11 a.m. \*Hillel Bagel Brunch, Anabel Taylor One World Room.

11 a.m. Ithaca Society of Friends (Quakers), Meeting for worship, Anabel Taylor Forum.

11 a.m. Sage Chapel Convocation: Merold B. Stern, Pastor, Bethel Grove Bible Church.

11:15 a.m. Protestant Church at Cornell, Anabel Taylor Chapel.

5 p.m. Catholic Mass, All welcome, Anabel Taylor Auditorium.

6:30 p.m. Hebrew Conversation: Beginners, Anabel Taylor 314.

8 p.m. \*Cornell Cinema and History Department present "Sorrow and the Pity," Uris Hall Auditorium.

8 p.m. \*Cornell Cinema and History Department present "Sorrow and the Pity," Uris Hall Auditorium.

## EXHIBITS

Olin Library: "Medieval Manuscripts in Facsimile," through Nov. 4.

Uris Library: "Native American Crafts," through Oct. 31.

Martha van Rensselaer 317: Paintings "From January to June 1977," by Clara Straight, Oct. 17 through 28.

Herbert F. Johnson Museum: "Jim Dine Prints: 1970-1977," through Oct. 30. "The American Image," through Oct. 30.

"Artists at Cornell," through Nov. 13; "The Selective Eye: Photographs by Benjamin Hertzberg," through Nov. 20. "Art Insights: Making Senses," through Nov. 19.

## ANNOUNCEMENTS

The Cornell Chapter of Women in Communication, Inc. is sponsoring a one day career workshop on Friday, Oct. 21 from 8:30 a.m. to 6:30 p.m., entitled "New Perspectives in Communication: The Communication Specialist." For more information contact Cheryl Woodruff at 277-4199 or Beverly Holmes at 273-5658.

# Calendar

October 20-30

All items for the Chronicle Calendar must be submitted by mail or in person to Fran Apgar, Office of Central Reservations, 32 Willard Straight Hall, at least 10 (ten) days prior to publication of the Chronicle.

\* Admission charged

Attendance at all events is limited to the approved seating capacity of the hall.

## Thursday, October 20

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12:15 p.m. Floriculture and Ornamental Horticulture Seminar: "Winter Injury of Ornamental Plants: Root Regeneration and Dessication Injury of Azaleas." Dan Davenport and Wally Plachta. Plant Science 37.  
 12:15 p.m. Campus Club lecture: "Energy Conservation at Home." Leland Gallup. Human Ecology. Bring a sandwich; coffee and tea available. Parking at B lot. Veterinary Science James Law Auditorium.  
 4 p.m. Cornell Women's Tennis-SUC Oneonta. Helen Newman.  
 4 p.m. Open Prose and Poetry reading. Everyone invited. Goldwin Smith Temple of Zeus.  
 4 p.m. \*Cornell Cinema and Astronomy Department present "Ascent of Man." Bronowski, Time-Life Series: "Music of the Spheres." "The Starry Messenger." Uris Hall Auditorium.  
 4 p.m. Graduate Study in Management general information meeting sponsored by the Office of Admissions and Student Affairs of the Graduate School of Business and Public Administration. Malott 216.  
 4 p.m. Natural Resources Seminar: "The Theory of Human Betterment." Kenneth E. Boulding. Institute of Behavioral Science, University of Colorado. Fernow 304.  
 4 p.m. Asian Studies Seminar: "The Solitary Traveller in Modern Chinese Literature." Leo Lee. Indiana University. Uris Hall 202.  
 4:30 p.m. Astronomy and Space Sciences Colloquium: "Observations of New Sources of Low Energy Cosmic Rays in the Outer Heliosphere." Franco Pacini, European Southern Observatory. Geneva. Space Sciences 105.  
 4:30 p.m. Messenger Lecture Series: "Shakespeare: Politics, History and Poetry"; "Measure for Measure: The Administration of the Law and the Nature of Statecraft." David Grene. Goldwin Smith Kaufmann Auditorium.  
 6 p.m. The Christian Science Organization invites students, faculty, staff and visitors to campus to a Readings and Testimony meeting. Anabel Taylor Founders Room.  
 6:30 p.m. Hebrew Conversation: Beginners. Anabel Taylor 314.  
 7:30 p.m. Ag Positive Action Council meeting. Open to all students interested in the college. Roberts 131.  
 7:30 p.m. Israeli Folk Dancing. Anabel Taylor One World Room.  
 7:30 p.m. Fundamentals of Jewish Thought. Anabel Taylor Forum.  
 7:30 p.m. Hebrew Conversation: Intermediate and Advanced. Anabel Taylor 314.  
 7:30 p.m. Latin America Free Film Series: "Puerto Rico: Paradise Invaded." Uris Auditorium.  
 7:30 p.m. The History of Mathematics Series: "19th Century Algebra and Foundations." Anil Nerode. Sponsored by the Undergraduate Math Society. All welcome. White 328.  
 8:15 p.m. Latin America Free Film Series: "The Terror and the Time." Uris Hall Auditorium.  
 8:15 p.m. \*Faculty Committee on Music presents Pittsburgh Symphony Chamber Orchestra, Donald Johanos, conductor, and Lili Kraus, piano. Works of Handel, Mozart, Stravinsky, Haydn. Bailey Hall.  
 8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph.D. candidate Peter Winn. Lincoln Hall Drummond Studio.  
 8:30 p.m. Explorations of the Siddur: an historical record of the development of Jewish consciousness. Anabel Taylor 314.

## Friday, October 21

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12:15 p.m. Women's Studies Friday Seminar: "Women Mystics of Western Culture." Alice McDowell Pempel, Women's Studies Program. I&LR Conference Center 105.  
 12:15 p.m. CRESB bag lunch seminar: "Two Alternate Energy Strategies: Citizens for Municipal Power and the Community Energy Network." Discussion of purposes, progress, and implications of the organization. Uris Hall 202.  
 1 p.m. SALAT-AL-JUMA (Friday prayer for Muslims). Anabel Taylor Edwards Room.  
 3-7 p.m. Happy Hour. North Campus Thirsty Bear Tavern.  
 4-6 p.m. Happy Hour. Noyes Center Pub.  
 4:15 p.m. Coalition for the Right to Eat meeting. Anabel Taylor Forum.  
 4:30 p.m. Astronomy and Space Sciences Colloquium: "Determination of Abundance Ratios in the Atmospheres of Jupiter and Saturn." Therese Encrenaz, Observatory of Paris. Space Sciences 105.  
 6 p.m. Shabbat Services (Reform). Anabel Taylor Chapel.  
 6 p.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.  
 6 p.m. Shabbat Services (Orthodox). Young Israel House.  
 7 & 9 p.m. \*Cornell Cinema presents "Bad News Bears." Statler Auditorium.  
 7:15 p.m. Cornell Christian Fellowship meeting for singing.

prayer and fellowship. All welcome. Anabel Taylor Edwards Room.

- 7:30 p.m. Dungeons and Dragons meeting. Uris Hall G-94.  
 7:30 p.m. Pentangle II Free Film Series: "Isn't Life Wonderful" (Griffith, 1924, U.S.). Uris Hall Auditorium.  
 7:30 p.m. \*Cornell Lightweight Football-Army. Schoellkopf.  
 7:30 p.m. The Agricultural Circle presents "Changes in Our Community Hospital." Herrell F. DeGraff, President of Board of Managers, Tompkins County Hospital. Riley-Robb Seminar Room.  
 8 p.m. The Classics Department presents a modern rendition of Aristophanes' *Frogs*. Free and open to the Cornell community. Goldwin Smith Temple of Zeus.  
 8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph.D. candidate Peter Winn. Lincoln Hall Drummond Studio.  
 9 p.m. "Cornell Night" with Cayuga's Waiters. Sponsored by Willard Straight Hall Program Board. Straight Memorial Room.  
 9 p.m. Cornell Jazz Ensemble Concert, sponsored by North Campus Union Program Board. North Campus 1st floor lounge.  
 9:30 p.m. \*Cornell Cinema presents "Small Change." Uris Hall Auditorium.  
 10 p.m. Tammany Niteclub presents ESP Jazz Band. Risley College.  
 11:30 p.m. \*Cornell Cinema presents "THX 1138." Uris Hall Auditorium.

## Saturday, October 22

- 9:30 a.m. Shabbat Services (Conservative). Anabel Taylor Founders Room.  
 9:30 a.m. Shabbat Services (Orthodox). Anabel Taylor Edwards Room.  
 11 a.m. Cornell Women's Volleyball-Cornell Invitational. Helen Newman.  
 12:30 p.m. Fourth Annual Symposium on Minorities in Law, sponsored by the Minorities Undergraduate Law Society. Goldwin Smith Kaufmann Auditorium.  
 1:30 p.m. \*Cornell Freshman Football-Montclair State. Schoellkopf.  
 3 p.m. Cornell Women's Cross-country-Cortland, Albany, Binghamton, Hartwick. Moakley Course, University Golf Course.  
 4 p.m. Cornell Chinese Bible Study Group. Anabel Taylor Edwards Room.  
 4:30 p.m. Catholic confessions. Anabel Taylor G-24.  
 5:15 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
 7 & 9 p.m. \*Cornell Cinema presents "Small Change." Uris Hall Auditorium.  
 7 & 9 p.m. \*Cornell Cinema presents "Bad News Bears." Statler Auditorium.  
 7:30 p.m. Dungeons and Dragons meeting. Uris Hall G-94.  
 8 p.m. Risley Free Film Series presents "Dutchman." Risley Theatre.  
 8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Peter Winn. Lincoln Hall Drummond Studio.  
 8:15 p.m. Department of Music presents Viola Da Gamba Recital: John Hsu, viola da gamba; and William Austin, harpsichord. Works of Telemann, C.P.E. Bach, Marais, Dolle, J.S. Bach. Barnes Hall Auditorium.  
 8:30 p.m. Illustrated lecture: "Sense and Non-Sense at the Edge of Science." Carl E. Sagan, Planet Studies and Radio-physics Space Research. Freshmen and their parents may obtain free admission tickets which will be honored until 8:20 p.m. when doors will open for general admission. Sponsored by Cornell Freshman Parents Weekend. Bailey Hall.  
 9 p.m. Freshman Follies: all kinds of entertainment. Free and open to Cornell community. Noyes Center 1st floor lounge.  
 9 p.m. Israeli Cafe, Felafel and entertainment. Anabel Taylor One World Room.  
 10 p.m. Entertainment by Cayuga's Waiters, sponsored by North Campus Union Board. North Campus 1st floor lounge.  
 10 p.m. Tammany Niteclub presents Open Jam Nite; bring your instruments. Risley College.  
 11:30 p.m. \*Cornell Cinema presents "THX 1138." Uris Hall Auditorium.

## Sunday, October 23

- 9:30 a.m. Episcopal Church Worship Service. Sunday school and nursery provided. Anabel Taylor Chapel.  
 9:30 & 11 a.m. Catholic Mass. All welcome. Coffee hour follows Mass. School and nursery provided. Anabel Taylor Auditorium.  
 10 a.m. Ithaca Society of Friends (Quakers). Discussion and First Day School. Babysitting provided. Anabel Taylor forum.  
 11 a.m. Ithaca Society of Friends (Quakers). Meeting for worship. Anabel Taylor Forum.  
 11 a.m. Sage Chapel Convocation: Robert Peel. Editorial Writer, The Christian Science Monitor, Boston, MA.  
 11:15 a.m. Protestant Church at Cornell. Anabel Taylor Chapel.  
 4 p.m. Department of Music presents Viola Da Gamba Recital: John Hsu, viola da gamba, and William Austin, harpsichord. Works of Telemann, C.P.E. Bach, Marais, Dolle, J.S. Bach. Barnes Hall Auditorium.  
 5 p.m. Catholic Mass. All welcome. Anabel Taylor Auditorium.  
 6:30 p.m. Hebrew Conversation: Beginners. Anabel Taylor 314.  
 8 p.m. \*Cornell Cinema presents "We're Not the Jet Set." Uris Hall Auditorium.  
 8:15 p.m. Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph.D. candidate Peter Winn. Lincoln Hall Drummond Studio.

## Monday, October 24

- 12 noon. Catholic confession. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 4:30 p.m. Messenger Lecture Series: "Shakespeare: Politics, History and Poetry"; "The Nature of Political Power in English and Roman Historical Plays: A Contrast" David Grene. Goldwin Smith Kaufmann Auditorium.  
 7:30 p.m. "America and World Community": "America in Relation to the Developing Nations and the Global Village." J. Congress Mbata, Africana Studies. Anabel Taylor One World Room.  
 7:30 p.m. "Mind Evolving." Wendell Wallach. For more

information call 277-0845 or 277-4186. Anabel Taylor Founders Room.

- 7:30 p.m. Yiddish Conversation. Anabel Taylor 314.  
 7:45 p.m. Ornithology Seminar. Stuart Observatory. 159 Sapsucker Woods Road.  
 8 p.m. "Hard Questions for Modern Jews." Hillel Halkin, author. Goldwin Smith Kaufmann Auditorium.  
 9 p.m. \*Cornell Cinema presents "The Bandwagon." Film Club members only. Uris Hall Auditorium.

## Tuesday, October 25

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12 noon. The Engineering Library and Engineering Library Committee will host a luncheon reception and orientation to Engineering Library services. Hollister Hall Lounge.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12:15 p.m. Cornell Women's Caucus. Ives 118.  
 12:20 p.m. European Sociology Series: "Critical Reason or Rational Criticism: The Dispute over Neo-positivistic Methodology." ("Positivismusstreit") Baerbel Wallisch-Prinz. Uris Hall 302.  
 4:30 p.m. Food Science 600 Seminar: "Frontiers in Food Chemistry Research." J.E. Kinsella, Cornell. Stocking Hall 204.  
 4:30 p.m. Messenger Lecture Series: "Shakespeare: Politics, History and Poetry"; "The Conflict of Personality and Politics: Brutus and Coriolanus." David Grene. Goldwin Smith Kaufmann Auditorium.  
 4:45 p.m. Campus Council meeting. Clark 701.  
 4:45 p.m. Marine Biology Films: "Invisible Seas" and "Should Oceans Meet." Plant Science 233.  
 7:30 p.m. \*Cornell Varsity Soccer-Cortland. Schoellkopf.  
 8 p.m. \*Cornell Cinema presents "Alice in the Cities." Uris Hall Auditorium.

## Wednesday, October 26

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 4 p.m. International Agriculture Seminar: "Establishing Agricultural Research Institutes in Developing Countries." Albert Moseman. Emerson 135.  
 4:30 p.m. Biophysics Seminar: "Cell Surface Protein. Adhesion, and Neoplastic Transformation." Kenneth Yamada. National Cancer Institute. Clark 700.  
 4:30 p.m. Messenger Lecture Series: "Shakespeare: Politics, History and Poetry"; "Antony and Cleopatra: Politics, Character and Fate." David Grene. Goldwin Smith Kaufmann Auditorium.  
 7 p.m. Cornell Women's Volleyball-University of Rochester. Helen Newman.  
 7:30 p.m. "Unfolding of Intelligence." Wendell Wallach. For more information, call 277-0845 or 277-4186. Anabel Taylor Founders Room.  
 7:30 p.m. Cornell Gay Liberation meeting. Straight Room 28.  
 7:30 p.m. Ideological Conflicts in Judaism. Anabel Taylor Forum.  
 8 p.m. \*Cornell Cinema presents "La Chinoise." Uris Hall Auditorium.

## Thursday, October 27

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12:15 p.m. Floriculture and Ornamental Horticulture Seminar: "A Summer at Longwood Gardens." Karen Perkins. Plant Science 37.  
 4 p.m. Graduate Study in Management general information meeting sponsored by the Office of Admissions and Student Affairs of the Graduate School of Business and Public Administration. Malott 216.  
 4 p.m. \*Cornell Cinema and Astronomy Department present "Ascent of Man." Bronowski, Time-Life Series: parts 7 & 8. "The Majestic Clockwork" and "The Drive for Power." Uris Hall Auditorium.  
 4 p.m. Open Prose and Poetry reading. Everyone invited. Goldwin Smith Temple of Zeus.  
 4:15 p.m. The Society for the Humanities Lecture: "The New Criticism: Pro and Contra." Rene Wellek. Sterling Professor of Comparative Literature. Goldwin Smith Kaufmann Auditorium.  
 4:30 p.m. Bethe Lecture Series: "The Humanness of Physics." Robert Rathbun Wilson, Fermi National Accelerator Laboratory. Baker Laboratory 200.  
 6 p.m. The Christian Science Organization invites students, faculty, staff and visitors to campus to a Readings and Testimony meeting. Anabel Taylor Founders Room.  
 6:30 p.m. Hebrew Conversation: Beginners. Anabel Taylor 314.  
 7:30 p.m. Hebrew Conversation: Intermediate and Advanced. Anabel Taylor 314.  
 7:30 p.m. Fundamentals of Jewish Thought. Anabel Taylor Forum.  
 7:30 p.m. Israeli Folk Dancing. Anabel Taylor One World Room.  
 7:30 p.m. "America and World Community": "America in Relation to the Developing Nations and the Global Village." J. Congress Mbata, Africana Studies. Anabel Taylor One World Room.  
 8:15 p.m. \*Department of Theatre Arts presents "The Mysterious Murder of Maria Martan," an original play by Ph.D. candidate Peter Winn. Lincoln Hall Drummond Studio.  
 8:15 p.m. Plant Pathology Colloquium: "Role of Plant Lectins in Disease Resistance." Luis Sequeira, University of Wisconsin. Plant Science 404.  
 8:30 p.m. "Thursday's" coffeehouse with Michael Lewis, well known pianist. Free and open to Cornell community. Sponsored by Straight Hall Board. Straight Memorial Room.  
 8:30 p.m. Explorations of the Siddur: an historical record of the development of Jewish consciousness. Anabel Taylor 314.  
 9 p.m. \*Cornell Concert Commission and John Scher in cooperation with WVBR present Linda Ronstadt and a special guest. Barton Hall.

## Friday, October 28

- 12 noon. Catholic confessions. Anabel Taylor G-24.  
 12:15 p.m. Catholic Mass. All welcome. Anabel Taylor G-19.  
 12:15 p.m. Women's Studies Friday Seminar: "How to Get

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