

Book Fair at the Campus Store last week found literary bargains under canvas.

New Machine is Forerunner for Fusion

Public May Examine It at Plasma Studies

The public will have an opportunity next Tuesday and Wednesday to examine a new machine on campus that delivers nearly one trillion watts in 40 billionths of a second, as much electrical energy as is used over the entire United States in a like period of time.

Because of the almost infinitesimal time concerned, each firing of the machine in actual cost is roughly equivalent to burning a 100 watt bulb for an hour.

A loan to the Laboratory of Plasma Studies from Sandia National Laboratories, the apparatus was built at a cost of more than a million dollars to fire intense beams of ions, eventually at a target of nuclear fuel. It is now used to study problems that must be solved before an inertial-confinement thermonuclear fusion reactor with ion beams can be achieved.

Fusion, not to be confused with fission, the power source of existing nuclear power plants, is considered by many the final answer to the world's energy needs.

Controlled fusion is expected to be relatively clean as far as radiation contamination is concerned and will use isotopes of hydrogen obtainable from sea water as its fuel, a comparatively cheap and limitless atomic fuel.

The open house is being conducted in conjunction with three days of activities at the Laboratory of Plasma Studies including a formal dedication ceremony of the machine housed in the basement floor of

Upton Hall. Workshops on "The Physics of Intense Ion Beam Diodes," with scientists from all across the country are also scheduled.

The general public is invited to see the machine and other areas of the laboratory from 3 p.m. to 6 p.m. Tuesday and from 9 a.m. to 1 p.m. Wednesday.

The open house Tuesday will start in Room 282 of Grumman Hall (3 p.m.) with a half hour-orientation talk on plasma studies by the director and associate director of the laboratory: Ravindra N. Sudan, the IBM Professor of Engineering, and John A. Nation, professor of electrical engineering.

There will then be tours of the laboratory's various facilities in Upton Hall, and the Mitchell Street laboratory. Persons wishing to visit lab facilities Wednesday, anytime from 9 a.m. to 1 p.m., should report first to the lobby of Upton Hall. There will be researchers on hand at the various locations of the laboratory to explain the area's specific application to plasma studies.

A dedication of the new machine known as LION (light ion) will take place from 3:30 to 4:30 p.m. Monday, Sept. 28, with speakers to include R. L. Schriever, acting director of the Office of Inertial Fusion, U.S. Department of Energy; Gerold Yonas, director of Pulsed Energy Programs, Sandia Laboratories, and T. P. Coffey, associate director, Naval Research Laboratory. Other speakers will be W. Donald Cooke,

Cornell's vice president for research, and Engineering Dean Thomas E. Everhart. Attendance is by invitation.

It was Yonas, Cornell Class of 1961, who was instrumental in Cornell's receiving the new machine.

The apparatus, one of a number fabricated at the Sandia Laboratories, is a prototype of an array of similar machines (Particle Beam Fusion Accelerator, PBFA) eventually intended to fire simultaneously from all sides a volley of light hydrogen ions at a small pellet of nuclear fuel.

The goal is to set off a tiny thermonuclear reaction like the ones that occur continuously in the interior of the sun and presumably all stars.

But there will be no such tiny thermonuclear explosions going on at Cornell now or in the future as part of this research. Years of technological developments based on new understandings of basic laws of physics lie ahead before nuclear fusion will be a practical source of power for the world's energy needs, according to lab director Sudan.

Scientists estimate that it will be 20 to 30 years before nuclear fusion, will be controlled and converted to economically competitive electrical power or possibly cheap hydrogen gas for fuel.

Research at Cornell focuses on high-powered electron and ion beams as the critical tools for solving some of the major obstacles to

building practical fusion power plants.

The technology of intense, powerful ion beams was developed at Cornell about 1974 by Stanley Humphries, now at Sandia, and Sudan.

Experimental research in this area is now being carried out at Cornell by David Hammer, associate professor of nuclear engineering, Bruce Kusse, associate professor of engineering and applied physics and by Charles Wharton, professor of electrical engineering. They are assisted by John Greenly, a research associate and Kenneth Busby and Robin Pal, post-doctoral researchers. In addition, a number of graduate students and visiting scientists from France, Germany and Japan have participated in the program. This year Ytzak Maron from the Weizmann Institute in Israel is working in the program.

Theoretical research which goes hand in hand with the experiments, Sudan said, is being pursued by Richard Lovelace, associate professor of applied physics and by Charles Seyler, assistant professor of electrical engineering, together with postdoctoral associates and students.

Research problems deal with the super-high temperatures that the fuel must reach in order to get more energy out of the reaction than is put in.

This temperature is from 50 to 100 million degrees or anywhere from 3 to 10 times the temperature in the middle of the sun.

In the particle bombardment technique the fuel is heated so rapidly that there is no need for making any effort to contain it as in the other principal method being developed, magnetic fusion.

This technique requires that the fusion reaction take place in a container. The fuel is heated less rapidly and is surrounded by a magnetic field, called a magnetic bottle, which prevents the heat from leaking to the walls of the apparatus. The much publicized Tokamak Fusion Test Reactor machine now nearing completion at Princeton University utilizes magnetic containment of fusion.

The problems involved in building a fusion-powered energy plant, according to Sudan, are greater than those that faced the men who built the first atomic bomb or the scientists who placed the first man on the moon.

He explains this claim by pointing out that the physics on which the bomb and moon landing were based were well known. In fusion, he says some of the basic physics is yet to be understood. The fusion project is in itself, he says, a fusion of both basic and applied research, not simply a question of applying known laws.

The laboratory's new machine is a key tool in the continuing dialogue between physics and technology, he said.

Two Professors Win Clark Teaching Awards

Six Graduate Students Win TA Prizes

Two Cornell professors, Michell J. Sienko and George McT. Kahin, are each faculty recipients of \$3,000 Clark Distinguished Teaching Awards for 1981 in the College of Arts and Sciences.

Sienko is professor of chemistry. Kahin holds three titles: the Aaron Binenkorb Professor of International Studies, director of the Modern Indonesia Project and professor of government and Asian studies.

In addition, six graduate students in Arts and Sciences are each winners of \$500 Clark Teaching Awards

for Teaching Assistants this year.

They are: Daniel Cox of Ithaca in physics, Alan Epstein of Flint, Mich., in government, Lisa Pasto-Crosby of Endicott, N.Y., in comparative literature, Michael Silver of Ithaca in chemistry, Donatella Stocchi of Arezzo, Italy, in Romance studies and Robert Whalen of Lockport, N.Y., in history.

All of the awards, made from an endowment given 15 years ago by John M. Clark, a member of the Class of 1929, and Emily B. Clark, Class of 1930, are given annually to faculty and t.a.'s who have demon-

strated devotion to teaching, especially at the undergraduate level.

Sienko, who joined the Cornell faculty in 1947, "is without doubt the best general chemistry lecturer any of us has ever heard," according to Benjamin Widom, chairman of Cornell's Department of Chemistry.

No one, Widom continued, is "more capable of inspiring a class of freshmen to learn and love chemistry. (Sienko's) principal assets...are his obvious devotion to and mastery of his subject, and his engaging personality."

Sienko's influence on chemistry

teaching is worldwide. He is co-author, with Robert A. Plane, president of Clarkson Institute of Technology, of the textbook "Chemistry," popularly known as "Sienko and Plane."

"Sienko and Plane" is probably the most famous (and) surely the most influential introductory chemistry text ever written," Widom said. Various editions of the book — which has sold two million copies — are used in high schools and colleges throughout the world and it "set the pattern for a whole generation of textbooks that followed it," Widom noted.

Kahin, a member of the Cornell faculty since 1951, "has developed a devoted following of students at all levels who remember him as a very

dedicated and effective teacher," said George Quester, professor of government.

Kahin's teaching "has been tested over a great deal of time; his courses are well received not only at the time they are taken, but years or decades later," according to Quester. "Kahin's message about American foreign policy in the Asian area (is) unswayed by whether the trends of general American opinion...are with him or against him."

Quester said courses and seminars taught by Kahin have been central to "Cornell's preeminence nationally in its speciality in Southeast Asian studies....(S)tudents are now advised to come here precisely for the superior training and attention they will receive."

Employee Day Scheduled

The university's seventh annual Employee Day, an event intended "to strengthen the concept that the university is 'one community'," is scheduled this year for Oct. 10.

The Cornell-Harvard football game at 1:30 p.m. in Schoellkopf Stadium is the major event. The "Day" begins at 10:45 a.m. at Barton Hall with a cash bar, followed by a chicken barbecue from 11 a.m. to 1 p.m.

Reserved seat tickets for the Cornell-Harvard game may be purchased by regular full-time and regular part-time employees for \$2 each, half the regular price of tickets for university employees.

Barbecue tickets are \$1.75 each. There is a limit of four tickets per employee for each event.

In order to receive the discount on the football tickets and to purchase barbecue tickets, a coupon attached to an Employee Day notice to all Cornell faculty and staff must be presented at the Teagle Hall Ticket Office between Sept. 28 and Oct. 2. Ticket office hours are 9 a.m. to 5 p.m.

"The purpose of Employee Day is to pay tribute to Cornell employees and to recognize the importance of each individual to the Cornell mission," according to the Employee Day notice from George Peter and

Ron Parks, employee-elected members of the Cornell Board of Trustees.

"Employee Day helps to strengthen the concept that the university is 'one community' in which all constituencies perform a vital role, and at the same time allows employees to share in a social event as one 'family' by supporting the Big Red football team," they continued.

Employee Day is sponsored by Cornell's employee-elected trustees, the Employee Assembly, the Department of Physical Education and Athletics, Cornell Dining and University Personnel Services.

First Aid Courses Offered

The Department of Health Services will offer several Red Cross Multi-Media First Aid courses this term to Cornell faculty, staff and students. The courses will be held in the Moore Library at Gannett Health Center, which is located next to Willard Straight Hall.

Courses for faculty and staff will be given from 8:30 a.m. to 12:30 p.m. Oct. 12-13, Nov. 9-10 and Jan. 12-13. For students, classes will be from 8:30 a.m. to 4:30 p.m. on Sept. 26 (open to fraternities and sororities), Oct. 10 and Nov. 14.

"Medical emergencies can happen anywhere, anytime. The knowledge of basic first aid principles could mean the difference between temporary and permanent disability, between rapid recovery and long hospitalization, or even between life

and death," said Janis Talbot, health educator at Gannett Health Center.

Each eight-hour course uses films, workbooks and instructor-led practice sessions to teach first aid procedures for injuries and sudden illnesses. Topics included in the program are care for choking, respiratory emergencies, heart attack, stroke, bleeding, burns, shock, poisoning and falls. Participants who meet course requirements will be given Red Cross certification.

A pre-registration fee of \$2.50, which covers the cost of materials, is required one week in advance of the course. To register for classes or for further information call the Health Education office at Gannett Health Center, 256-4782.

Holiday Schedule: A Reminder

The holiday schedule for employees for the rest of 1981 — and for one day of 1982 — is as follows:

Cornell's two-day Thanksgiving holiday will be Nov. 26 and 27.

Christmas holidays are Dec. 24, 25 and 28; New Year's Day, Jan. 1, 1982, is a holiday also. The two "floating days" will be observed Dec. 29 and 31, 1981.

The university will be open for business on Dec. 30.

"University observance of holidays does not mean that all employees are automatically entitled to be absent on such days," according to Gary J. Posner, direc-

tor of University Personnel Services. "The decision as to which employees will be required to work lies with the supervisor. Employees are encouraged to schedule their vacation in advance."

Non-exempt employees who must work on any university holiday will receive pay at one and one-half times their normal rate for hours worked on a holiday, plus compensatory time off equal to their standard workday.

If an employee wishes — and his or her supervisor agrees — the employee may receive straight pay

for the holiday, plus compensatory time off equal to one and one-half times the hours worked on the holiday. The holiday ruling may be found in Section 402 of the Personnel Manual.

Employees in a union are covered according to the terms of their collective bargaining agreements.

There will be no university bus service during the Thanksgiving holiday and from Dec. 24 to Jan. 3, 1982. Employees may park on campus during that period.

Schedules for other university facilities such as the libraries will be announced later this year.

Construction Closes Some Parking Spots

Staff, faculty and others are reminded that construction in the area of the B parking lot at the East end of the campus is causing temporary overcrowding of the lot most of this fall. Permit holders who arrive to find the lot filled to capacity are reminded that the AB permit is also valid in the A lot at North Campus. Parking is prohibited along

Caldwell Road and the periphery of B lot.

Excavation at the eastern end of the lot will further reduce the number of parking spaces available within the next few weeks. Steam lines are being placed between Guterman Laboratory, the Veterinary Research Tower, and the area behind Morrison Hall.

Cornell Chronicle

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

Jobs

The following job openings are new this week. For information on vacant positions listed in previous issues of the Chronicle, contact Personnel Staffing Services, 130 Day Hall. Cornell is an affirmative action employer.

Administrative/Professional
Systems Programmer III, CP5 (College of Engineering)
Production Coordinator, CP4 (Media Services)
Editor II, CP4 (Media Services)
Assistant Dean of Students-Counseling, CP4 (Dean of Students)
Applications Programmer I, CP3 (Veterinary Computing Facility)

Clerical
Administrative Aide I, GR21 (V.P. Facilities & Bus. Op)
Library Aide, GR18 (University Library-Circulation)
Office Assistant, GR17 (Agricultural Engineering)

Service/Maintenance
Life Safety Inspector, GR21 (Life Safety Services & Insurance)
Utility Plant Operator, GR19 (Buildings & Properties, Geneva)
Dupl. Machine Operator, SO18 (Graphic Arts Services)

Technical
Animal Technician, GR18 (Veterinary Microbiology)
Technician, GR21 (Plant Pathology)
Technician, GR20 (Animal Science)
Technician, GR20 (Vet. Microbiology)
Technician, GR18 (Neurobiology & Behavior)

Technician, GR18 (Agronomy)
Temporary
Temp. Typist, T-3 (Veterinary Anatomy)
Temp. Machinist Helper, T-2 (LASSP/Physics)

Part-time
Coordinator of Grad. Student Prog., CP3 (Dean of Students)
Technical Assistant, GR17 (Poultry & Avian Sciences)

Academic
Assistant Professor (Economic and Social Statistics, ILR)
Coord., The Reading Prog. (Learning Skills Center-COSEP-Spring Term Appointment)
Sr. Res. Assoc. II, CA8 (Div. Nutritional Sciences)
Asst. Prof. (Rural Soc., Ag. & Life Sci.)
Lecturer/Staff Attorney (Cornell Legal Aid Clinic)
Research Assoc. II, CA4 (Nutritional Sci.)

The Job Opportunities list is mailed to all Cornell departments. In addition, it is posted in the following places: Day Hall Information Desk, second floor lobby; at the Circulation and Reference Desks of all university libraries; in the Map and Newspaper Section, Olin Library; all college and technical libraries; Roberts Hall Post Office substation and in the Upper Activities corridor, Willard Straight Hall.

Year-End Figures Show Modest Surpluses

'Signals are Mixed' for Future Planning

Audited financial statements for the university show that all major divisions reflected modest surpluses above budgeted operations for the year ended June 30, 1981.

The university's general purpose fund balances, those resources with the fewest restrictions, increased a total of \$1.3 million or 3/10 of 1 percent of the overall operating budget of \$401 million. Of this

amount, general purpose funds for Endowed Ithaca increased \$225,000.

The original operating plan, adopted by the Board of Trustees in May, 1980, anticipated a breakeven budget for Endowed Ithaca and the Statutory Colleges, and forecast a \$1.7 million shortfall for the Medical College in New York City.

University Provost W. Keith Kennedy commented, "We are particu-

larly fortunate to have gained some leeway this year because it will enable us to address a critical need which has been too long neglected. I am pleased to announce that an additional \$200,000 can now be made available for library operations and acquisitions for this year."

ENDOWED COLLEGES

A major factor in the improvement for endowed Ithaca was increased investment income principally due to higher-than-expected interest rates which prevailed throughout the year on university investments. Other factors contributing to the surplus included continued growth in sponsored research, lower than expected energy costs, and gifts received during the Cornell Campaign.

Offsetting these increases were employee benefits costs which were \$400,000 greater than anticipated — reflecting higher health insurance, disability and worker compensation costs.

Senior Vice President William G. Herbster said, "The university cannot separate itself from the general climate of economic uncertainty which prevails both in Washington and on Wall Street. While favorable results for 1980-81 place the university in a somewhat improved position, the signals are mixed — both for immediate planning purposes and for the long term financial stability of this institution."

Fund balances for enterprise and service operations in Ithaca increased \$3.9 million during the year. The increase was mainly attributable to the operations of the utility plant. Although internal charges for utility operations were close to budget, expenditures were substantially below preliminary estimates, principally due to a slower-

than-anticipated rise in the cost of fuel and to benefits resulting from Cornell's vigorous energy conservation program. As in the past, this balance will help to reduce the rates charged for utilities in the future.

THE MEDICAL COLLEGE

Audited results for the Medical College showed a surplus from operations of \$107,000 and a net change of \$197,000 in fund balances after expenditure of \$300,000 for capital improvements. The major increases in revenue came from investment income and greater recoveries of indirect costs on sponsored research, including \$800,000 research recoveries received in 1980-81 but applicable to prior years. In addition, the Medical College benefited from lower costs due to staff reductions in support areas.

Capital expenditures for 1980-81 were considerably below planned estimates due to a decision to defer implementing the bulk of the college's capital budget pending the recruitment of new department heads and a reassessment of critical maintenance and life safety projects.

The 1980-81 operations of the Medical Faculty Practice Plan reflected a 38 percent increase in billings and a 35 percent increase in collections over the prior year. A major cause of the increase was the inclusion of services which were formerly provided and recorded by New York Hospital. Fund balances attributable to the Practice Plan increased by \$2.4 million. These funds are available for the individual departments whose faculty participate in the Plan.

STATUTORY COLLEGES

While the original operating plan had anticipated no change in general purpose fund balances, forecasts

throughout the year had projected a surplus. Final audited figures show an increase in general purpose funds of \$999,000 and that departmentally-designated fund balances were up \$487,000.

Preparation of the 1982-83 state budget request has recently been completed. No increases are assured except for coverage of previously negotiated salary increases. SUNY and Cornell have requested increases for accessory instruction (\$848,000), utilities (\$576,000) and price increases (\$696,000). If additional state funding should be delayed, cost increases would have to be absorbed, temporarily at least, by the colleges from existing unrestricted fund balances.

OUTLOOK FOR 1981-82

While considerable progress in physical plan development has been made over the past five years, the university continues to face a significant backlog of major projects for facilities improvement including a number related to health and safety needs. The Medical College in particular has postponed a number of such projects, several of which will proceed as new department heads are recruited.

"The outlook for 1981-82 financial results is unclear. Our forecast for several key variables has changed substantially since the budget was presented to the Board of Trustees last spring," Herbster said. "We currently expect that inflation will be higher than we had originally anticipated, but that there will be some modest off-set as a result of higher interest rates and reduced energy costs. It is still too early in the academic year to assess the full impact of these and other changes. Updated projections will be available by late October," he added.

United Way Under Way; Campus Goal Is \$270,000



Volunteers unfurl the United Way banner from McGraw Tower in preparation for the 1981 Cornell Campaign kick-off.

With a goal of raising \$270,000 to aid 22 community service agencies, the Cornell Division of the Tompkins County United Way will kick off the 1981 campaign Tuesday, Sept. 28.

"We hope to reach each Cornell employee by a personal visitation from a colleague who has volunteered to serve as a United Way solicitor," according to Jerome M. Ziegler, dean of the College of Human Ecology and chairman of the Cornell portion of the county-wide effort.

Noting that the Cornell goal is about one-third of the Tompkins County goal and represents an increase of \$15,000 over the amount raised last year, Dean Ziegler said, "The campaign emphasizes providing full information about United Way Agency activities, then asking employees to participate. It is not in any way a high-pressure campaign. Peer-to-peer solicitation is encouraged.

"Our solicitors have been briefed to answer most questions," the Cornell campaign chairman said, "or if they do not know the answer they will find out and supply the information. A high rate of participation will insure that Cornell is successful in meeting its goal."

This year's division chairpersons include Margaret Webster, Art, Architecture and Planning, where the 1981 goal is \$2,422; Kenneth Robinson, Agriculture and Life Sciences, \$57,404; Paul Hartman, Arts and Sciences, \$41,492; Caroline Violette, Business and Public Administration, \$4,059; Carol Walck, Engineering, \$24,105; George Bantauvanis, Hotel School, \$4,637; and Ann Dyckman, Human Ecology, \$10,773.

Other division chairpersons are Jon Levy, Industrial and Labor Relations, \$5,126; David Curtiss, Law School, \$3,921; Richard Rostowsky, Veterinary Medicine, \$12,751; Esther Spielman, Biological Science, \$3,443; Martha Mape, Nutritional Sciences, \$9,377; John Laurence, Boyce Thompson Institute, \$1,168; Adrienne McNair, Libraries, Museums and Graduate School, \$7,079; and John McKeown, Accounting, Treasurer's Office and Budget, \$3,245.

Also Sharon Flanders and Eugene Holleran, Computer Services, \$3,335; Bud Hall, Athletics and Personnel, \$4,066; Christine Schelhas-Hall, Campus Life, \$9,432; Richard Farr, Facilities and Business Operations, \$8,808; Janice Ransom Kerchner, Public Affairs, \$17,444; and Art Bratton, Helen Hofer and Frank Golay, Retirees and Supplemental, \$35,913.



The Business Day Career Fair, which was held Sept. 15-17 in the Memorial Room, attracted some 2,000 students per day. The annual event provides an opportunity for Cornell students to talk to representatives from business and industry about job and career possibilities. The fair was sponsored by Cornell's Career Center, which will be offering a Law Day on Oct. 2 and a Government Day Oct. 28.

Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted by mail or in person to Fran Apgar, Central Reservations, 532 Willard Straight Hall, at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lectures, colloquia, etc.). **ALL DEADLINES STRICTLY ENFORCED.**

*-Admission charged.

Announcements

Fractured Family?

A group is being formed to deal with issues regarding separation and divorce within the family. If you are interested in joining this group, call Psychological Services at 256-5208 to arrange a time that is convenient. Open to Cornell students and their spouses.

Couple Conflicts?

Come work on them in a group for couples in an established, ongoing relationship. Probably late afternoon. Open to Cornell students and their partners. For more information call Psychological Services at 256-5208.

Psychological Services

A group is forming for those who have been struggling or procrastinating over a paper, thesis or dissertation. If you are seriously interested in doing something about it, contact Psychological Services at 256-5208. Open to Cornell students only.

Aikido Training

The Cornell Aikido Club, affiliated with the Aikido Yoshinkai Association of North America, is offering training in Aikido from beginning to advanced levels. Classes will be held in the Teagle Wrestling Room, Tues. and Thurs. at 8:45 p.m. and Sun. at 4 p.m. All are welcome to join. For more information call Bob Bayer at 257-3583 evenings.

Writing Workshop Walk-In Service

Service is open Mon. through Thurs., 3:30-6 p.m. and 7:30-10 p.m.; Sun., 3-8 p.m.; Service is closed Fri. and Sat. You need no appointment, just drop by during our hours. Phone 256-6349.

Campus Club of Cornell

The Annual Fall Tea will be held on Thurs., Sept. 24 from 12 noon-2 p.m. in the North Campus Union 1st floor lounge. Baby sitting provided. Parking in the North Campus Conference Lot.

Reading Program

HE 100 is a full-semester 1 credit course designed to improve reading and study skills. Two-week reading workshops are also given, starting Sept. 21. 375 Olin Hall, 256-6310.

My Indoor Playcenter

Registration for the Playcenter for those of the Cornell Community interested in children ages birth to 4 years. Equipment is provided for children while parents and interested adults observe and interact. Last day of registration is Fri., Sept. 25, 9:30-11:30 a.m. \$5 per family per semester. For more information call Judy at 272-4155. Playcenter is open Mon., Tues., Fri., 9:30-11 a.m. during the semester.

Pena - Latin American Folk Festival

CUSLAR presents a Pena, a Latin America folk festival on Sat., Oct. 3 in the Big Red Barn. Live Latin American music, Chilean food and beverages for sale. Solidarity with the people of Latin America. Sponsored by the Committee on U.S.-Latin American Relations. Event begins at 9 p.m.-1 a.m. Tickets on sale in advance at CUSLAR Office, G27 Anabel Taylor Hall, Smedley's and at the door.

Legal Advice or Representation

The Office of the Judicial Advisor provides free legal assistance to students, faculty, and staff accused of violating any of the university rules and regulation; i.e., the Campus Code of Conduct, the Statement of Student Rights and the Code of Academic Integrity. Our office, which is managed and staffed by Cornell Law School students, is completely independent of university

administrative control. In keeping with the attorney-client privilege, all consultations are kept strictly confidential. If you are in need of legal counseling or assistance for a Cornell-related problem, call 256-6492 for an appointment or drop by B-12 Ives Hall.

Career Center

Thursday

Sept. 24, 4-5 p.m. Goldwin Smith 156. Briefing: "Applying to Graduate School."

Sept. 24, 4-6 p.m. Goldwin Smith "D." Test Preparation Course: LSAT, GMAT, GRE.

Friday

Sept. 25, 9 a.m.-5 p.m. Olin Hall 365. Wharton Business School Admissions Representative.

Monday

Sept. 28, 12:20 p.m. Career Center. "Writing a Theme for Application to Veterinary School." Briefing.

Sept. 28, 4-5 p.m. Career Center. Briefing: "Applying to Management School."

Tuesday

Sept. 29, 10:15-10:45 a.m. Career Center. Briefing: "How to Find a Government Job."

Sept. 29, 4-6 p.m. Goldwin Smith "D." Test Preparation Course: LSAT, GMAT, GRE.

Sept. 29, 4 p.m. Career Center. "An Analysis of Types of Employers and Work and a Review of Interviewing Strategies Appropriate for Each Type of Employer or Work." (Seminar).

Sept. 29, 4-5 p.m. Career Center. Briefing: "Applying to Law School."

Wednesday

Sept. 30, 4 p.m. Career Center. Seminar: "Resumes and Letters as Part of Job Hunting Strategy. How to Write a Resume."

Colloquia

Thursday

Sept. 24, 4:30 p.m. Space Sciences 105. Astronomy and Space Sciences: "Excitation Conditions in H2 Regions." Terry L. Herter, Research Associate, Astronomy, Cornell.

Dance

Every Thurs., 8 p.m. Anabel Taylor One World Room. Israeli Folk Dancing.

Exhibits

Herbert F. Johnson Museum

"Halsman 79" through Sept. 27; "Anne Ryan: Collages and Prints" through Oct. 18; Art Department: Faculty Exhibition starts Sept. 23; an annual selection of new work by Cornell University art faculty: "Lessons in Print Collecting" starts Sept. 24, an expository exhibition covering aspects and processes of print collecting. Selections from the permanent collection: "Woman in a Red Shawl" by Samuel Waldo and "Carl Sprinchorn" by Robert Henri; 17-19th century European drawings. Recent acquisitions: contemporary sculpture and paintings. Mixed media: collages by Kurt Schwitters, Robert Rauschenberg, and others. Modern art; French paintings and works by Italian, Mexican, and Russian artists. Museum hours: 10 a.m.-5 p.m. Tues. through Sun.

Intramurals

Intramural Squash-Men, Women, Co-ed

Deadline on entries is Tues., Oct. 6 at 4 p.m. in the Intramural Office, Gruman Squash Courts Bldg., across from Teagle Hall. \$2 per team to enter, due

September 1981

S	M	T	W	T	F	S
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6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

with your roster. Checks only payable to Dept. of Phys. Ed. & Ath., Intramural Div. Play starts Monday, Oct. 12, evenings 9 and 10:30 p.m. Mon. through Thurs. Straight elimination tournament. When submitting your entry, you will sign the tournament schedule posted in the Intramural Office. Additional information in the Intramural Office. One person will comprise a team, exception—Co-ed.

Films

Except where noted films are sponsored by Cornell Cinema.

Thursday

Sept. 24, 8 p.m. Uris Hall Auditorium. "Chuquigato" (1974), directed by Antonio Equino, Bolivia. Film examines the lives of four Bolivian characters from different social settings. CUSLAR Free Film Series: "Indigenous Peoples of the Americas."

Friday

Sept. 25, 7:30 p.m. Uris Hall Auditorium. Pentangle II Free Film Series: "Menilmontant" (1924), Dimitri Kirsanoff, France; "Bed and Sofa" (1927), Abram Room, U.S.S.R.

Sept. 25, 9:45 p.m. *Uris Hall Auditorium. "Mon Oncle D'Amerique" (1980), directed by Alain Resnais, with Henri Laborit, Roger-Pierre, Nicole Garcia, Gerard Depardieu.

Sept. 25, 12:30 a.m. *Uris Hall Auditorium. "Plan 9 From Outer Space" (1958), directed by Edward D. Wood, Jr., with Gregory Walcott, Mona McKinnon, Bela Lugosi, Vampira.

Saturday

Sept. 26, 7 & 10 p.m. *Statler Auditorium. "Excalibur" (1981), directed by John Boorman, with Nicol Williamson, Nigel Terry.

Sunday

Sept. 27, 8 p.m. *Uris Hall Auditorium. "The Naked Night" (1953), directed by Ingmar Bergman, with Harriet Andersson, Ake Gronberg, Hasse Ekman.

Monday

Sept. 28, 9 p.m. *Uris Hall Auditorium. "Mother" (1926), directed by Vsevolod Pudovkin, with Vera Varanovskaya, Nikolai Batalov, A. Chistyakov. Film Club members only.

Tuesday

Sept. 29, 4 p.m. Morrill 106. Southeast Asia Film Series: "The Eleven Powers." The entire population of Bali participates in the Ska Dasa Rudra ceremony held once a century to restore the balance between good and evil in the universe.

Sept. 29, 8 p.m. *Uris Hall Auditorium. "Top Hat" (1935), directed by Mark Sandrich, with Fred Astaire, Ginger Rogers, Edward Everett Horton, Eric Blore.

Wednesday

Sept. 30, 8 p.m. *Uris Hall Auditorium. "Alexander Nevsky" (1938), directed by Sergei Eisenstein, with Nikolai Cherkassov, Nikolai Oklopov, Andrei Abrikosov.

Thursday

Oct. 1, 8 p.m. *Uris Hall Auditorium. "The Pajama Game" (1957), directed by George Abbott and Stanley Donen, with Doris Day, John Raitt, Carol Haney. Co-sponsored by UAW Clerical and Technical Organizing Committee.

Friday

Oct. 2, 7:30 p.m. Uris Hall Auditorium. "Kristina Talking Pictures" (1976), Yvonne Rainer, U.S. short; "Meshes of the Afternoon" (1943), Maya Deren. Pentangle II Free Series.

Oct. 2, 9:45 p.m. *Uris Hall Auditorium. "The Getting of Wisdom" (1977), directed by Bruce Beresford, with Susannah Fowle, Hilary Ryan.

Friday & Saturday

Oct. 2 & 3, 7:30 p.m. *Statler Auditorium. "Nine to Five" (1980), directed by Colin Higgins, with Jane Fonda, Dolly Parton, Lily Tomlin.

Oct. 2 & 3, 10 p.m. *Statler Auditorium. "Raging Bull" (1980), directed by Martin Scorsese, with Robert DeNiro, Cathy Moriarty, Joe Pesci.

Faculty Work, Print Collection Open

The Herbert F. Johnson Museum of Art will open its 1981-82 season on Sept. 23 with two exhibitions — "Art Department: Faculty Exhibition" and "Lessons in Print Collecting." Both exhibitions will be on view through Oct. 25.

The Art Department Faculty Exhibition will feature the work of 18 artists, including emeriti professors Norman Daly, Kenneth Evett, John Hartell and James Owen Mahoney. Two new Art Department faculty members will also be represented—Patrick Webb, instructor of painting, and James Cole, sculpture.

"Perhaps the most striking quality of the exhibition is its diversity," said Stanley J. Bowman, chairman. "A wide variety of media is included: a massive sculpture by Jason Seley, a collage by Stephen Poleskie, a painting by John Hartell and a photograph by Jean Locey, to name a few," he continued. An illustrated catalog accompanies the exhibition.

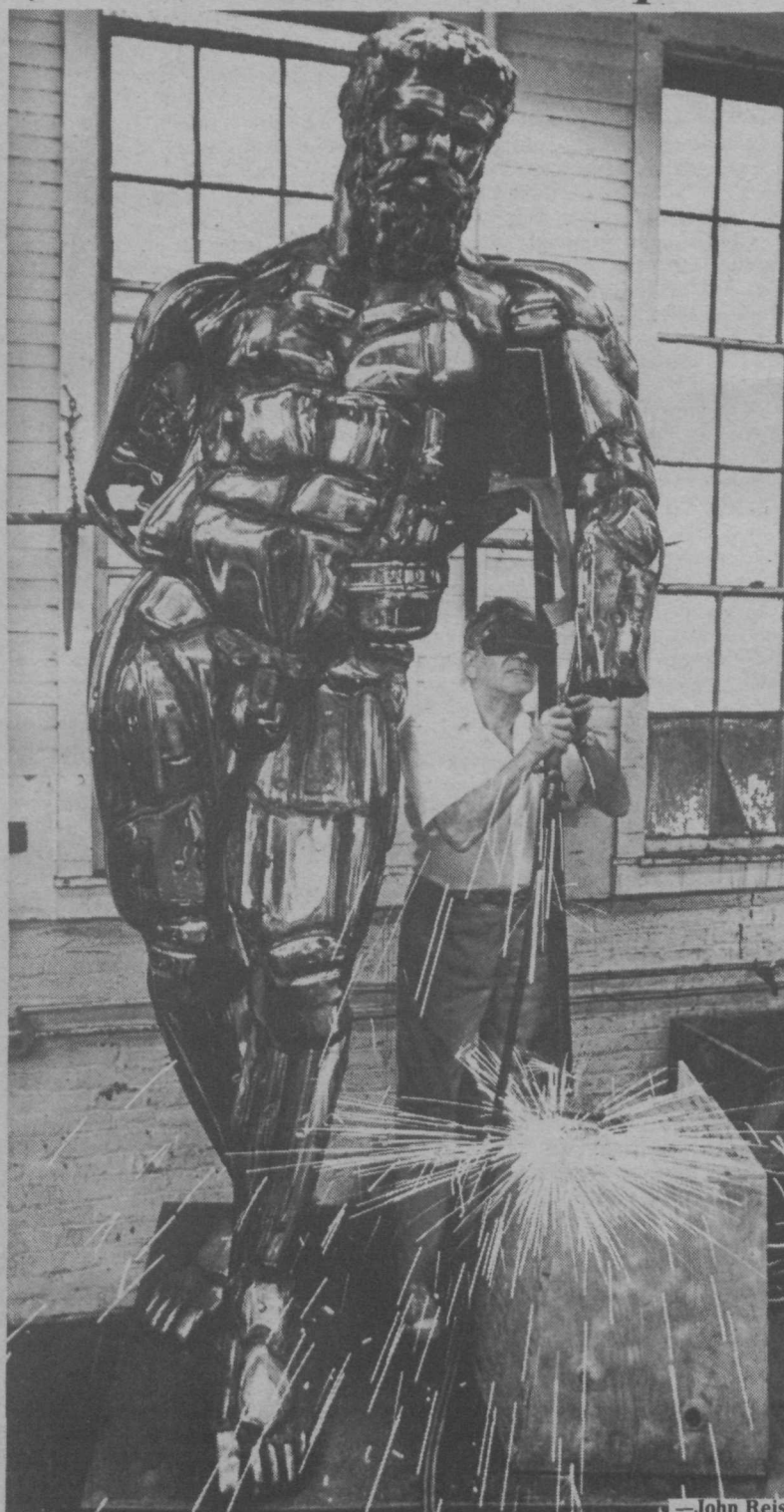
"Lessons in Print Collecting," which has been organized by Barbara Blackwell, assistant curator of prints, is drawn from the permanent print collection of the museum. Included are examples of woodcuts, drypoints, etchings, lithographs and other print media.

Examples of woodblocks, metal plates and lithographic stones used to produce prints will also be exhibited. Print terminology such as state, edition, watermark and platemark as well as factors affecting print value such as inscriptions, condition and quality of impression will be described and illustrated with prints by James A.M. Whistler, Francisco Goya, Antonio Canaletto, Georges Rouault, Andy Warhol and Robert Motherwell as well as other major printmakers from the 15th century to the present.

The exhibition will feature three artists—Albrecht Durer, Lovis Corinth and Ben Schonzeit. "By placing these works side-by-side," said Blackwell, "the viewer can see how the medium influences the styles of the artists."

A sale of prints selected from New York City galleries will be held at the museum Nov. 4-22.

Museum hours are 10 a.m. to 5 p.m. Tuesday through Sunday, phone 256-6464.



Jason Seeley works on 'Farnese Hercules II,' a work of his that will be part of the Art Department Faculty exhibition.

October 1981						
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Saturday

Oct. 3, 7:30 & 9:45 p.m. *Uris Hall Auditorium. "The Getting of Wisdom" (1977), directed by Bruce Beresford, with Susannah Fowle, Hilary Ryan.

Sunday

Oct. 4, 8 p.m. *Uris Hall Auditorium. "Jailhouse Rock" (1957), directed by Richard Thorpe, with Elvis Presley, Judy Tyler, Mickey Shaughnessy.

Lectures**Every Tues. & Thurs.**

Sept. 24 through Oct. 29, 11:15 a.m. Baker Laboratory 119. Baker Lecture Series: "Photochemistry of Metal Complexes," Professor Harry B. Gray, California Institute of Technology. Informal discussions: Wednesdays, 4:40 p.m. in Baker Laboratory 132.

Thursday

Sept. 24, 12:20 p.m. 102 West Avenue. Southeast Asia Program Luncheon Seminar: "A Trip Through the Golden Triangle," Jon A. Wiant, Visiting Fellow of the Peace Studies Program, Cornell. Bring your lunch; coffee, tea and cookies will be provided.

Sept. 24, 4:30 p.m. Goldwin Smith Kaufmann Auditorium. "Rationality" Lecture 3: "The Limits of Rationality," Patrick Suppes, Lucie Stern Professor of Philosophy, Stanford University.

Sept. 24, 4:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. "Portraiture in the Early Renaissance: Early Coin Portraits," Philip Grierson, Gonnville and Caius College, Cambridge: Fellow of the Society for the Humanities. Society for the Humanities Lecture.

Sept. 24, 7:30 p.m. Stimson G-1. Jordani Natural History Society Lecture: "Shouting Underwater in Africa and Ithaca: Acoustic Communication in 'Xenopus' the African Clawed Frog," David D. Yager, Neurobiology and Behavior. Open to the public.

Friday

Sept. 25, 12 noon-2 p.m. Straight Memorial Room. "Teach-In Against Apartheid," Dr. Manning Marable, Assoc. Professor of Political Economy. Coalition Against Apartheid and Africana Center.

Sept. 25, 12:15 p.m. Statler Hall 440. Western Societies Brown-bag seminar: "Ideology and Ritual Forms of Vengeance in Renaissance Italy," Professor Edward Muir, History, Syracuse University.

Sept. 25, 4:30 p.m. McGraw 165. Western Societies Lecture: "Natural and Imperial Ritual: the Venetian Marriage of the Sea," Professor Edward Muir, History, Syracuse University. University Lecture.

Sept. 25: Edward Muir, professor of history, Syracuse University, will give two public lectures: "On Ideology and Ritual Forms of Vengeance in Renaissance Italy," at 12:15 p.m., 440 Statler Hall; "Natural and Imperial Ritual: the Venetian Marriage of the Sea," 4:30 p.m. 165 McGraw Hall. Muir's lectures are being sponsored by the Western Societies Program, Center for International Studies.

Monday

Sept. 28, 4:30 p.m. Goldwin Smith Hollis E. Cornell Auditorium. University Lecture and Peace Studies Program: "The Developing American-Soviet Relationship: What Are the U.S. Choices?" Marshall Shulman, Director of the Russian Institute, Columbia University; Former Adviser to the Secretary of State.

Sept. 28, 4:30 p.m. Goldwin Smith 24. English Department Lecture: "Anglo-Saxon Palaces," Philip Rahtz, Professor of Medieval Archeology, York University, England. Slide-illustrated lecture.

Sept. 28, 7:30 p.m. Anabel Taylor One World Room. "America and World Community": an interdisciplinary course open to all. "Marx's Hope and Ideology of World Government," Susan Buck-Morss, Assistant Professor of Government.

Tuesday

Sept. 29, 4:45 p.m. Ives Hall 120. Public lecture: "Extinction," Dr. Paul Ehrlich, Bing Professor of Population Studies at Stanford University. Lecture sponsored by Cornell University Lectures Committee and Division of Biological Sciences.

Wednesday

Sept. 30, 4:30 p.m. A.D. White House, 27 East Avenue. "Women in Medieval Literature: Wolfram's Sigune," Professor Marianne Wynn, University of London. Joint sponsors: Department of German Literature, Medieval Studies Program; Society for the Humanities.

Sept. 30, 7:30 p.m. Anabel Taylor One World Room. "America and World Community": an interdisciplinary course open to all. "Marx's Hope and Ideology of World Government," Susan Buck-Morss, Assistant Professor of Government.

Thursday

Oct. 1, 7:30 p.m. Stimson G-1. Jordani Natural History Society: "Swarm Orientation in Honey Bees," Dr. Roger Morse, Entomology.

Friday

Oct. 2, 4:15 p.m. Goldwin Smith Hollis E. Cornell Auditorium. Women's Studies Program: "Feminist Criticism and Feminist Being," Catharine Stimpson, Rutgers University. Cornell Symposium on Feminist Criticism.

Meetings

Every Tues., 9 p.m. Hug Ivri-Hebrew Club meeting. Speakers of Hebrew at all levels welcome. For more information, call Michael at 277-2168.

Sept. 25, 7:30 p.m. Straight North Room Cornell Campus Crusade for Christ: "College Life" featuring Hama Cross. All welcome.

Every Sat., noon-5 p.m. Straight North Room. Cornell Wargamers meeting. All welcome.

Every Sun., 7:30 p.m. Anabel Taylor 314. The Anthroposophy Study Group will take up the topic "The Spiritual Science of Rudolf Steiner." Everyone welcome. For more information call 277-1459 or see the secretary in Anabel Taylor Hall.

Music**Nothing But Treble Concert**

Nothing But Treble, the university's select women's singing ensemble, will present its annual Parents' Weekend Concert at 8:15 p.m. Saturday, Sept. 26, in Sage Chapel.

The program will include works by Arcadelt, Palestrina, Brahms, Purcell, Bach, Morley and Gibbons, as well as folk songs, spirituals, Broadway hits, barbershop and popular music.

Nothing But Treble, popularly known as NBT, was founded in 1976 by David Janower '74, the assistant director of the Cornell Chorus. NBT membership is drawn from the chorus. The group drew its initial repertoire from Renaissance madrigals and other a cappella novelty pieces.

Jeffrey Rehbach '75, also a former assistant director of the Cornell Chorus, took over the groups' leadership in the fall of 1977, and the ensemble's repertoire expanded to its present variety under his direction.

NBT is currently under the direction of Bruce Wagner '82, an undergraduate music major, who continues to expand the range of music which they perform. Though traditionally known as an a cappella ensemble, the Parents' Weekend Concert program will include three selections with string and harpsichord accompaniment.

The members of NBT are as diversified as the styles of music which they perform. The 13 undergraduate women come from throughout the United States and are enrolled in a wide range of curricula. However, there are no music majors in the ensemble and there have been only two recipients of music degrees among NBT's alumni.

NBT performs frequently on campus, appearing at trustee and faculty dinners, fraternity and sorority functions in addition to two full-length concerts per year. NBT has also been a featured guest ensemble at Spring Fever and Fall Tonic.

On annual intersession tours, NBT has appeared at the National Cathedral in Washington, D.C., at Disney World, at the Old South Church in Boston, throughout the Metropolitan New York area, and at various alumni functions along the eastern seaboard. This January, the group will visit areas of New England, Montreal, Quebec and Toronto.

Admission to the concert is free, but donations will be greatly appreciated.

First Bailey Concert Oct. 5

Cellist Yo-Yo Ma and pianist Emanuel Ax will perform in an all Beethoven recital at 8:15 p.m. Monday, Oct. 5, in Bailey Hall. The recital is the first concert of the 1981-82 Bailey Hall Concert Series.

Tickets for the performance are on sale at the Lincoln Hall ticket office, 256-5144. Due to the overwhelming success of subscription sales for the series, a limited number of single tickets have been reserved for each concert and will go on sale approximately two weeks before each concert on the following schedule: St. Paul Chamber Orchestra with Pinchas Zukerman, Monday, Oct. 26; Rudolf Serkin, Monday, Nov. 16; Jean-Pierre Rampal, Monday, Feb. 8, and the New York Philharmonic, Monday, April 26.

Both Ma and Ax are winners of the prestigious Avery Fisher Prize, Ma in 1978, Ax in 1979.

Ma began his cello studies with his father at the age of four and gave his first recital at the Institute of Art and Archeology at the University of Paris at the age of six. In 1962, at the age of 7, he entered the Juilliard School, and has studied with Janos Scholz and Leonard Rose.

Ma has appeared with many American and European orchestras such as the New York Philharmonic, the Chicago

Symphony, the Los Angeles Philharmonic, the Rotterdam Philharmonic and the Orchestre de Paris, among others.

Violinist Isaac Stern has called him "one of the prime talents of our time."

Ax is the first winner of the Arthur Rubenstein International Piano Master Competition (1974). He began his piano training at the age of six in Warsaw, Poland.

He studied in the Pre-College Division of The Juilliard School and was accepted as a pupil by Mieczyslaw Munz, who remained his only piano teacher.

From 1970 to 1972, Ax won honors in the Chopin competition in Warsaw, the Vienna da Motta in Lisbon and the Queen Elisabeth of Belgium, which led to appearances in Europe and Africa. He then won a place on the roster of Young Concert Artists and was presented in a major recital at Hunter College.

In 1975 he won the Michaels Award of Young Concert Artists, which consisted of a recital at Alice Tully Hall and appearances with seven major American orchestras.

Since then he has performed several European and American concerts including appearances with the London Philharmonic and recitals in Munich and Vienna. In this country his engagements have included appearances with the Philadelphia and Cleveland Orchestras as well as recitals at the Kennedy Center in Washington and in St. Louis, Cincinnati and Los Angeles.

Free bus service, beginning at 7:30 p.m., will be provided between parking lot B and Bailey Hall with a stop at the Dairy Bar.

Friday

Sept. 25, 8:15 p.m. Barnes Hall. Haydn Baryton Trios: John Hsu, baryton;



John Hsu (left), baryton, David Miller, viola, and Fortunato Arico, cello, will present a concert of Baryton Trios by Joseph Haydn at 8:15 p.m. Friday, Sept. 25, in Barnes Hall. The free public concert is one of a series made possible by a generous gift from Professor Emeritus and Mrs. Thomas A. Baird.

David Miller, viola; Fortunato Arico, cello.

Saturday

Sept. 26, 8:15 p.m. Sage Chapel. Parents Weekend Concert: "Nothing But Treble," directed by Bruce Wagner. Works of Palestrina, Brahms, Vaughan Williams; popular songs.

Religion

Mon. through Fri., 12:15 p.m. Anabel Taylor G-19. Catholic Mass.

Every Fri., 1 p.m. Anabel Taylor Edwards Room. JUMA Prayers organized by the Muslim Educational and Cultural Assoc. of Cornell.

Every Fri., 7 p.m. Anabel Taylor Founders Room. Shabbat Conservative Services.

Every Fri., 7 p.m. Anabel Taylor Chapel. Shabbat Reform Services.

Every Sat., 5:15 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

Every Sat., 9:15 a.m. Anabel Taylor Edwards Room. Shabbat Orthodox Services.

Every Sat., 10 a.m. Anabel Taylor Founders Room. Shabbat Conservative Services.

Every Sun., 9:30 a.m. Anabel Taylor Chapel. Episcopal Eucharist Worship Service. Nursery and Church School provided. Faculty and students welcome. Coffee hour after.

Every Sun., 9:30 & 11 a.m. Anabel Taylor Auditorium. Catholic Eucharist. Taylor school and nursery provided.

Every Sun., 9:45 a.m. Anabel Taylor Edwards Room. Ithaca Society of Friends (Quakers) adult discussion followed by meeting for worship at 11 a.m.

Every Sun., 10 a.m. Straight North Room. Korean Church at Cornell.

Every Sun., 11:15 a.m. Anabel Taylor Chapel. Protestant Church at Cornell. Coffee and conversation after.

Every Sun., 5 p.m. Anabel Taylor Auditorium. Catholic Eucharist.

Friday

Sept. 25, 7:30 p.m. 106 Eastern Heights Drive. Baha'i fireside discussion: "Native American Religion and the Baha'i Faith." For details call 273-4240.

Saturday

Sept. 26, 12:45 p.m. *Anabel Taylor Forum. Hillel Deli Lunch.

Sunday

Sept. 27, 11 a.m. Sage Chapel. Inter-religious Convocation: William E. Gibson, Coordinator, Eco-Justice Project, Center for Religion, Ethics and Social Policy (CRESP), Cornell.

Monday

Sept. 28, 7 p.m. Statler Auditorium. Rosh Hashannah-5742 Conservative Services.

Sept. 28, 7 p.m. Anabel Taylor Auditorium. Rosh Hashannah Reform Services.

Sept. 28, 7 p.m. Anabel Taylor Edwards Room. Rosh Hashannah Orthodox Services.

Tuesday

Sept. 29, 9 a.m. & 7 p.m. Statler Auditorium. Rosh Hashannah Conservative Services.

Sept. 29, 9 a.m. & 7 p.m. Anabel Taylor Edwards Room. Rosh Hashannah Orthodox Services.

Sept. 29, 10 a.m. Anabel Taylor Auditorium. Rosh Hashannah Reform Services.

Wednesday

Sept. 30, 9 a.m. Statler Auditorium. Rosh Hashannah Conservative Services.

Sept. 30, 9 a.m. Anabel Taylor Edwards Room. Rosh Hashannah Orthodox Services.

Sunday

Oct. 4, 11 a.m. Sage Chapel. Inter-religious Convocation: Huston Smith, Professor of Religion and Philosophy, Syracuse University.

Calendar

Seminars

Atomic and Solid State Physics Theory Seminar: "Coulomb Gas, Vortex-Fluctuations and 2-D Superconductors," Peter Minnhagen, Indiana University, 1:15 p.m. Thursday, Sept. 24, 701-702 Clark Hall.

Biochemistry: "Reversible Protein Translocation Across Biological Membranes," Albert Waksman, Center for Neurochemistry, Strasbourg, 12:20 p.m. Monday, Sept. 28, 105 Riley Robb.

Campus Life: "The Accommodations for the Disabled at Cornell University," panel discussion, 9 a.m. Thursday, Oct. 1, Elmhirst Room, Willard Straight Hall.

Center for Applied Mathematics: "Analytic Computational Complexity—Optimal Solution of Nonlinear Equations," Christopher Sikorsky, Warsaw University, 4 p.m. Friday, Sept. 25, 165 Olin Hall.

Ecology and Systematics: "Recent Advances in the Euphydryas System," Paul Ehrlich, Stanford University, 4:30 p.m. Monday, Sept. 28, Langmuir Penthouse.

Ecology and Systematics: "Superorganism and Economic Association," David S. Wilson, University of Michigan, 4:30 p.m. Wednesday, Sept. 30, Langmuir Penthouse.

Floriculture and Ornamental Horticulture: "Pattern Analysis Studies of Mediterranean Vegetation," Linda Olsvig-Whittaker, 12:15 p.m. Thursday, Sept. 24, L.H. MacDaniels Room, 37 Plant Science.

Food Science: "UHT Processing: Equipment Considerations for Dairy Applications," Kjell Neilsson, Alfa Laval, 4:30 p.m. Tuesday, Sept. 29, 204 Stocking Hall.

General Chemistry: "Reduced Halides of the Early Transition Metals—A New Solid State Chemistry," John Corbett, Iowa State University, 4:40 p.m. Thursday, Sept. 24, 119 Baker Lab.

Geological Sciences: "Determination of Distance from Shore in Ancient Marine Mudrocks," Harvey Blatt, University of Oklahoma, 4:30 p.m. Tuesday, Sept. 29, 205 Thurston.

JUGATAE: "Insect Neural Biogenic Amine Metabolism, Role in Neurotransmitter Inactivation, Sclerotization and Circadian Rhythm," Philip Evans, 4 p.m. Monday, Sept. 28, 100 Caldwell.

Materials Science and Engineering: "Evolution of Aircraft Gas Turbine Materials and Processes," B. Kear, Exxon Research, 4:30 p.m. Thursday, Sept. 24, 140 Bard Hall.

Materials Science and Engineering: "From Elementary Point Defects to Point Defect Clusters in Semi-conductors," J.W. Corbett, SUNY Albany, 4:30 p.m. Thursday, Oct. 1, 140 Bard Hall.

Mechanical and Aerospace Engineering: "Laser Photodissociation of Mercury Halides," T.A. Cool, 4:30 p.m. Tuesday, Sept. 29, 282 Grumman.

Microbiology: "Cloning and Expression of DNA from Methanogenic Species in Escherichia coli," J.N. Reeve, Ohio State University, 4:30 p.m. Thursday, Sept. 24, 124 Stocking Hall.

Microbiology: "Physiological Ecology of Planktonic Oscillatoria," A. Konopka, Purdue University, 4:30 p.m. Thursday, Oct. 1, 124 Stocking Hall.

Operations Research: "The Role of Operations Research in Nuclear Risk Assessment," David Strip, Sandia National Laboratories, 4:30 p.m. Tuesday, Sept. 29, 305 Upson Hall.

Organic/Organometallic Chemistry: "Thermochemistry of Transient Molecules by Ion Cyclotron Resonance Spectroscopy," Warren J. Hehre, University of California at Irvine, 8:15 p.m. Monday, Sept. 28, 119 Baker Lab.

Physiology: "Detection of Magnetic Fields—In Search of a Sense Organ," C. Walcott, 4:30 p.m. Tuesday, Sept. 29, G-3 Vet. Research Tower.

Plant Biology: "Plant Cell Cultures as a Source of Chemicals," Alan Kinnersley, Cell Science Center, 11:15 a.m. Friday, Sept. 25, 404 Plant Science.

Plant Pathology: "Factors Affecting Survival of Sclerotinia Sclerotiorum on Snap Beans," A. Caesar, 4:30 p.m. Tuesday, Sept. 29, 404 Plant Science Building.

Pomology: "Identification of Fruit Varieties for Trueness-to-Name," C.

Marshall Ritter, Pennsylvania State Univ., 11:15 a.m. Monday, Sept. 28, 114 Plant Science Building.

Statistics Center: "Tukey's Resistant Line and Related Algorithms," Paul Vellemann, 3:15 p.m. Wednesday, Sept. 30, 105 ILR Conference Center.

Toxicology: "Modeling of Isotope Uptake, Distribution and Washout in Biological and Environmental Systems," Charles Cawley, 12:15 p.m. Friday, Sept. 25, G19 Uris Hall.

Vegetable Crops: Introduction of new department members and comments on department matters, R.D. Sweet, 4:30 p.m. Thursday, Sept. 24, 404 Plant Science Bldg.

Sports

Thursday
Sept. 24, 3:30 p.m. Cascadilla Courts. Women's Tennis-Rochester.

Friday
Sept. 25, 7:30 p.m. Schoellkopf. Men's Freshman Football-Colgate.

Saturday
Sept. 26, 9 a.m. Cascadilla Courts. Women's Tennis-Yale.

Sept. 26, 10 a.m. Schoellkopf. Women's Varsity Field Hockey-Dartmouth.

Sept. 26, 1:30 p.m. *Schoellkopf. Men's Varsity Football-Colgate.

Sunday
Sept. 27, 12:30 p.m. Schoellkopf. Men's Lightweight Football-Alumni.

Monday
Sept. 28, 4 p.m. Cascadilla Courts. Women's Tennis-Wells.

Friday
Oct. 2, 4:30 p.m. University Golf Course. Men's Varsity Cross Country-Army.

Oct. 2, 7:30 p.m. *Schoellkopf. Men's Lightweight Football-Army.

Saturday
Oct. 3, 0 a.m. Schoellkopf. Women's Varsity Field Hockey-Yale.

Oct. 3, 1 & 3 p.m. *Schoellkopf. Men's Varsity Soccer-Cornell Classic vs. Adelphi.

Sunday
Oct. 4, 1 & 3 p.m. *Schoellkopf. Men's Varsity Soccer-Cornell Classic vs. L.I.U.

Theater

Thurs. through Sat.
Oct. 1-3, 8:15 p.m. "Straight Theatre. Theatre Cornell production: Athol Fugard's "Boesman and Lena," directed by guest artist Marshall Oglesby, Resident Director of the off-Broadway Circle Repertory Theatre.

Graduate Bulletin

Late initial course registration and/or course additions are still possible upon payment of \$10 late fee. Deadline for registration is Sept. 25.

Oct. 23 is the deadline for dropping courses or changing the grade option.

In nominating their Special Committees, graduate students must elect only members of the Graduate Faculty in the appropriate fields.

Graduate students whose employment is other than a teaching or research assistantship and is in excess of 10 hours per week (and is not contributory toward the degree) or 20 hours per week (and is contributory) may be eligible for proration of tuition. Applications are available at the Information Desk, Sage Graduate Center.

To be eligible for a special tuition rate of \$890 per semester, doctoral candidates must have completed three years of residence, taken the 'A' Exam, and be taking no courses. Check with the Graduate School for details and application forms.

Graduate students planning doctoral dissertation research abroad in modern foreign languages and related area studies should consider the Fulbright-Hays Doctoral Dissertation Research Abroad Training Grant Program, administered

by the Department of Education. Graduate students may be funded for six months to a year of independent research in non-Western European countries having diplomatic relations with the United States. Grant provisions include: round-trip transportation, excess baggage allowance, maintenance and dependents' allowances, project and local travel allowances, health and accident insurance, and tuition and fees at foreign institutions. Students applying for dissertation research grants in East Asia, East Europe and Russia, Latin America, South Asia, and Southeast Asia should request information from the appropriate Foreign Area Program in Uris Hall. Applicants to other non-Western European countries (e.g., Africa, Middle East) should contact Jeanne Bowen, 114 Sage Graduate Center, for information. Applications should be available in early October.

Now is the time to investigate opportunities for financial support for 1982-83. Many application deadlines occur early in the fall. Additional information about the awards listed below may be obtained from the Fellowship Office, 116 Sage Graduate Center, or from your graduate faculty representative. Check the Fellowship Notebook for details.

Oct. 1: Clairiol Loving Care Scholarships—grants of up to \$1000 are awarded for study at the master's or professional degree level. Programs of study should not exceed 24 months. Applicants must be U.S. women at least 30 years old.

Oct. 1: National Institute of Health (NIH) - Commissioned Officer Student Training and Extern Program (COSTEP)—award winners are commissioned as junior assistant health service officers and receive comparable benefits. Applicants must have completed 1 year of study in a medical, dental, or veterinary school or in some other health-related graduate program. They must be U.S. citizens younger than 44, and must meet other Commissioned Corps requirements.

Oct 1: National Institute of Health (NIH) Institutional Training Grants—stipends of \$5040 per year and up to \$3000 for tuitions, fees, and other training costs are provided for doctoral study in the biomedical and behavioral sciences. Applicants must be citizens, nationals, or permanent residents of the U.S. Proposals are normally submitted by the institution rather than by individual students.

Oct. 2: Fulbright-Hays Grants for Graduate Study Abroad—deadline for submitting applications and supporting credentials to the Fellowship Office, 116 Sage Graduate Center.

Oct 15: National Hispanic Scholarship Fund—provides scholarships for graduate study at a U.S. university for Hispanic American students. These include people of Mexican-American, Puerto Rican, Cuban, Caribbean, Central American, and South American heritage. Applicants must be U.S. citizens with a GPA of at least 3.0.

Reminder to Guaranteed Student Loan Borrowers—New government regulations will go into effect as of Oct. 1. These regulations will require a needs test for a borrower from a family with an adjusted gross income over \$30,000. This test will hinder many people from borrowing through this program. If you have not already done so, you should apply now to avoid cutbacks in the GSL program. GSL applications may be submitted at the Student Loan Window, Financial Aid Office, 203 Day Hall.

Sponsored Programs

The Office of Sponsored Programs, 123 Day Hall, 6-5014, wishes to emphasize that the information in this column is intended for post-doctoral research unless otherwise indicated

PROCTOR AND GAMBLE UNIVER-

SITY EXPLORATORY RESEARCH PROGRAM

The Proctor and Gamble Company has announced its 1982 University Exploratory Research Program. Twenty universities have been invited to apply for a total of three grants, each of them in the range of \$20,000 to \$40,000 per year for a period of up to three years. The purpose of P&G's program is to provide funds for exploratory research within the broad areas of the physical and biological sciences and engineering. Proposals should be in new areas of emerging science of mutual interest to the scientist and Proctor and Gamble. Proposals within the current major areas of P&G research will be of less interest, particularly if they are based on the systematic extension of current knowledge.

The deadline for applications is January 1, 1982. Further information is available at the Office of Sponsored Programs, 123 Day Hall. It should be noted that last year, though only ten institutions were invited to participate, Cornell won two of three awards offered.

1982 LINDBERGH GRANTS PROGRAM

Each year the Board of Directors of the Charles A. Lindbergh Fund awards grants of up to \$10,580 (cost of the "Spirit of St. Louis" in 1927) to researchers whose projects attempt to create a better balance between technology and the natural environment.

All disciplines of study are considered. Competition is international. Deadline for making application for a 1982 grant is November 16, 1981. (Approximately two months earlier than last year.)

Information on applications is available at the Office of Sponsored Programs.

HEALTH RESEARCH GRANTS

The New York State Health Research Council is soliciting research proposals designed to expand knowledge and understanding in several high priority areas of health related research. The grants are not expected to exceed \$40,000 over a one year period.

Booklets providing detailed information on the Council's priority areas are available in the Office of Sponsored Programs. Pre-doctoral and post-doctoral fellowship awards are also available.

All applications must be submitted by November 1, 1981.

DEADLINE REMINDERS

PHS
Continuations, supplemental, new Research Career Development and Research Scientist Development Awards - due at the Agency on October 1, 1981.
New grants due at Agency on November 1, 1981.

ROCKEFELLER FOUNDATION INTERNATIONAL RELATIONS FELLOWSHIPS

November 1, 1981.

MARCH OF DIMES

Basic Research - October 1, 1981.

CENTER FOR FIELD RESEARCH

October 1, 1981.

NATIONAL ENDOWMENT FOR THE HUMANITIES

Basic Research in Archaeology - October 15, 1981.

FIPSE: MINA SHAUGHNESSY SCHOLARS

October 27, 1981.

NYS HEALTH RESEARCH COUNCIL

November 1, 1981.

CHINA

Graduate and postdoctoral stipends for study and research in China - November 6, 1981.

AMERICAN ACADEMY IN ROME

Prix-de Rome for classical studies - November 15, 1981.

CIVITAS

SWIM PROGRAM NEEDS INSTRUCTORS: Volunteers sought, hopefully with WSI, to help with weekly swim program, Tues. eves., 6:30-8 p.m., in the Ithaca High School pool. Must make commitment from Sept. 22 to Dec. 1. This is an excellent opportunity to renew your WSI certification. CIVITAS car available if you have no transportation.

PRIOR TO THE 35TH ANNUAL BOOK SALE OF TOMPKINS COUNTY LIBRARY: Volunteers are needed for sorting books from 9:30 a.m. to 3:30 p.m., everyday, and from 7-9 p.m. Thurs. eves. Sorting site is in downtown Ithaca, and work will continue through Oct. 8.

RESIDENCES FOR DEVELOPMENTALLY DISABLED ADULTS: Seek program helpers to work on 1) specific skills, such as telling time, making change, simple pedestrian rules; 2) social skills, such as how to behave in public or what is appropriate behavior when going out to dinner; 3) remedial reading skills. This opportunity requires 2-5 hours a week for the semester, any weekday after 2 p.m., or on the weekend. No prerequisites or special prior training needed. You will learn on the job.

DOWNTOWN CHILDCARE CENTER: Is hoping to find several volunteers to assist with the daily program for 18-22 children, most of whom are two or three years old. Mornings, Mon.-Fri., 10-12:30, for a few weeks or many, according to your schedule. Males especially welcome. Director provides orientation when you start.

FRIENDLY VISITORS TO THE ELDERLY: Bring companionship, support and stimulation to home-bound elderly folks by visiting them once a week. A couple of hours of your time each week will enhance an older person's interest in life and the outside world, so come in to CIVITAS now to respond to this urgent need.

ASSISTANT GYMNASTICS COACHES: Sought immediately by youth program run at local elementary school within walking distance of the campus. Mon. and Wed. afts., 3:30-4:30 p.m.

GRAPHIC ARTIST NEEDED: To work up sketches, maybe cartoons, for next issue of University Health Center newsletter which should be ready for publication in Nov./Dec. This is a good opportunity to add to your portfolio, and the location couldn't be better.

RECREATION MAINSTREAMING SERVICES FOR HANDICAPPED CHILDREN: Are in need of volunteers to help with: 1) Monday Leisure Craft Program, 2:30-4:30 p.m., for 6-17 year olds, which includes sewing, macrame, woodworking, and ceramics projects; 2) Wednesday Outdoor Recreation Program, 2:30-4:30 p.m., for 6-17 year olds, involving hiking, community outings, nature study, gardening and nutrition; and 3) Thursday Afternoon Swim Program, 1:15-2:35 p.m., for 2-6 year olds, at the Sheraton Pool.

ELEMENTARY SCHOOL NEAR CAMPUS: Has already called us for helpers. You can tutor reading or math or perhaps assist in the kindergarten room. School is open from 9-2:30 p.m. only. Volunteers also needed for non-English speaking children whose native tongue is Spanish.

MINORITY WOMAN NEEDS HELP: In trying to gain admittance to TC3 Nursing Program. She seeks tutoring in grammar and English usage once or twice a week, for a few hours in the evening or weekends, on flexible schedule. Could meet on campus weekends, close by for evening sessions.

NURSERY SCHOOL VERY CONVENIENT TO CAMPUS SEEKS ASSISTANCE: Either mornings (8:45-11:45 a.m.) or afternoons (12:45-3:45 p.m.), Mon. through Fri. Especially needed are volunteers who speak Arabic or Spanish. This is a popular opportunity due to its location and pleasant atmosphere.

TO OFFER YOUR HELP: COME TO CIVITAS, 125 Anabel Taylor Hall, open Monday through Friday, from 10-2. For information only, call 256-7513.

Sagan's COSMOS Series to Be Rebroadcast

A Transcultural Phenomenon First Time Around



Carl Sagan takes viewers to the giant telescope array in New Mexico during one episode of COSMOS.

The television series that kept long-haul truck drivers and traveling salesmen at home with their families on Sunday nights, that was viewed by more people than any other in public television history, that became the "text" for hundreds of college courses will be rebroadcast by PBS beginning Tuesday, Sept. 29.

COSMOS, the 13-part voyage through space and time hosted and co-written by Cornell's David Duncan Professor of Astronomy and Space Sciences Carl Sagan, will be shown at 8 p.m. each Tuesday on WCNY, Syracuse, and at 8 p.m. Tuesdays and 6 p.m. Wednesdays on WSKG, Endwell.

Since its premiere in the fall of 1980, COSMOS has become something of a transcultural phenomenon in ways the noted popularizer of science never anticipated. As encouraging to Sagan as the accolades (three Emmys, the George Foster Peabody Award for excellence in television programming as well as best-of-the-year citations from the American Council for Better Broadcasting and the Academy of Family Films and Family Television) and the spin-off book sales (more than 700,000 of the hardcover "Cosmos" in print) have been the reactions of viewers ranging from preschoolers and fellow scientists to teen-agers deciding on careers.

People throughout the country gave COSMOS-watching parties, inviting friends and neighbors to discuss the provocative ideas of the

series. "Because of COSMOS," wrote one grateful family, "we were able to sit together for the first time and talk about philosophy."

"The series seemed to improve human sociability, the ability of people to relate to one another," the astronomer-educator says. Truckers and traveling salesmen rearranged their schedules in order to be at home during COSMOS broadcasts. One elderly woman recalled walking with her father, sometime around 1910, and looking at the stars. Not until watching COSMOS did she again think about the vastness of the universe.

"I always thought I was too stupid to understand science," wrote one viewer of the many who expressed surprise that difficult concepts would be explained to non-scientists. Scores of letters came from people between the ages of 8 and 15 saying, for example, "You've convinced me. I'm going to become a scientist." If only one percent of those youngsters go on to become scientists, Sagan observes, "we will have made some contribution to the science of the future."

More than 5,000 letters were received at Sagan's office in the Space Science Building. So far he has read about half, answered about 20 percent and says it is his "fond hope to respond to all, sooner or later." The program has been seen in Britain, Japan, Belgium, Holland, Ireland, France, South Korea, Hong Kong, Australia, South Africa and New Zealand, and will be broadcast

in 35 other countries.

Sagan expected some adverse reaction from other scientists because of what he calls "the serious problems intrinsic to popularizing science, the necessity of leaving out some of the qualifying adjectives and exceptions to the generalities." But negative responses from scientists have been few. Instead Sagan heard scientists who wrote, for instance, "You've made me a hero to my kids." The series has lessened the sense of isolation felt by many scientists, according to Sagan, and has broadened public appreciation of the scientific endeavor.

Not all the responses were positive. About one-half of one percent of the letters came from people angry about his debunking of astrology, of UFOs, or of the ideas of Immanuel Velikovsky, author of "Worlds in Collision."

"Some people were unhappy because I said that evolution happened," adds Sagan, whose Cornell office received threatening phone calls earlier this year. "But those people all say they're praying for me, so I don't worry about them."

Sagan credits the students over the years in his introductory astronomy classes for helping refine teaching techniques of difficult concepts. The series became a broad educational vehicle as hundreds of community colleges gave courses connected with the broadcasts. This time, several thousand colleges, libraries and study groups will teach courses based on COSMOS. "Stills"

from COSMOS have been made into a planetarium show, which has been seen in some 400 planetaria.

He won't make another COSMOS, Sagan says of the project that occupied some three years of writing, traveling, filming and editing. "Seven-day weeks, 15 hours a day, once in my life is enough. But I may do something that doesn't involve being on camera so much."

In the works, in the meantime, is his novel, "Contact," which depicts an attempt by scientists to contact extraterrestrial beings. He and Ann Druyan, co-writer (along with Cornell Research Associate Steven Soter) of COSMOS, are responsible for the so-called treatment of the novel for Columbia Pictures, but will not write the actual screenplay.

The object of the book Sagan terms a "brief foray into science fiction" is to convey what a real search for extraterrestrial intelligence might be like and to portray scientists as people. Those hoping to spot Cornellians among the characters will have a hard time; without giving away the plot, Sagan will say only that the book is a "distillation of a lifetime of knowing scientists."

It will be a while, the popular lecturer predicts, before he again teaches introductory astronomy, but when he does such COSMOS techniques as computer animation will be used. This semester Sagan is teaching a graduate seminar on the Saturn system, based primarily on data relayed by the Voyager 1 and 2 missions.

2,000 Expected for Freshman Parents' Weekend

Some 2,000 parents and other relatives of new students are expected to visit the Cornell campus this weekend for Freshman Parents' Weekend. Motel rooms in the Ithaca area have been fully booked since the date was announced in a mailing to the incoming class last spring. Many of the visitors will be "commuting" to Ithaca for the weekend from motels as far away as Syracuse, Elmira and Binghamton.

A variety of special events have been planned to make the parents' visit both informative and en-

joyable. Saturday morning will begin with brunch followed by a discussion on Family Changes, featuring a panel of faculty members and counselling staff, who will discuss what kinds of family changes to expect when a son or daughter goes to college, and how to deal with them constructively.

President Frank Rhodes and various deans and administrators will greet the visitors at a President's Reception scheduled for the I & LR Conference Quadrangle or the Statler Ballroom, in the event of

inclement weather. The reception will be followed by five programs designed to inform new students and their parents about various aspects of life at Cornell during the freshman year and beyond. Among the topics to be discussed will be: Financial Aid; A Federal, State and Cornell Update; Stress: What to Look for and What to Do; Housing Alternatives Beyond the Freshman Year; Fraternity and Sorority Life at Cornell; and Changing Majors or Colleges at Cornell.

The balance of the weekend will

be filled with athletic, music, film, drama, lecture and entertainment programs, designed to expose parents to the social, cultural, recreational and educational activities available to their sons and daughters.

The program has been assembled over the past year by the Freshman Parents' Weekend Steering Committee, consisting of staff from several colleges and the various student support agencies at Cornell, chaired by Ronald N. Loomis, director of Unions and Activities.

According to Loomis, "The purpose of the weekend is to encourage parents to visit the campus soon after the new students have begun their college careers. During the five years since the program was initiated, we have found that the most important aspect of the weekend for parents, is the opportunity to visit personally with their sons and daughters and to meet their roommates, their friends, and some of the staff and faculty who work with them, as well as other parents."

Lord Ashby to Talk on 'Politics of Pollution'

Lord Ashby, chairman of the British House of Lords Select Commission on European Environmental Policy and member of the House of Lords Select Committee on Science and Technology, will give four lectures on "The Politics of Pollution" with special reference to the evolution of environmental policy in Britain, 1820-1980, at Cornell University Oct. 5, 7, 13 and 15.

Open to the public, all the lectures will be given at 4:15 p.m. in the Bache Auditorium of Malott Hall. A former Andrew Dickson White Professor-at-Large at Cornell, Lord Ashby's return to campus is sponsored jointly by the Professors-at-large program and the Program on Science, Technology and Society.

The topics of his lectures are: "The campaign for smoke-abatement, 1820-1956," Monday, Oct. 5; "The control of noxious vapours," Wednesday, Oct. 7; "Environmen-

tal policy in the European Community," Tuesday, Oct. 13; "Ethical and economic assumptions of environmental policy," Thursday, Oct. 15.

Lord Ashby visited Cornell in the early 1970s. A former Vice-Chancellor of Cambridge University, he is especially concerned with the effects of technology on the environment in his capacity as a member of the House of Lords.

He is a biologist and author of works on experimental biology, education, and environmental policy.

Education Department To Mark Its Birthday

The Department of Education is celebrating its 70th anniversary today with a series of presentations and discussions focusing on the book "Educating" by D. Bob Gowin, professor of the philosophy of education

and a member of the department since 1961.

Published this month by the Cornell University Press, Gowin's book has been described as a "comprehensive theory of educating, based on an original treatment of four components—teaching, curriculum, learning and governance."

A series of papers dealing with Gowin's ideas will be presented between 1 and 3:30 p.m. in the lounge of Stone Hall. From 3:45 to 5 p.m., there will be a faculty roundtable in 120 Ives Hall, again on Gowin's theories.

At 7:30 p.m. in 120 Ives, Maxine Greene, the William F. Russell Professor in The Foundations of Education at Teachers College of Columbia University, will discuss "Education and the Search for Meaning." Gowin will respond to Greene's comments. Moderating will be Joe

P. Bail, chairman of the department of education.

All events are open to the public.

Two Scientists Chosen For China Symposium

Two Cornell scientists have been invited by the Chinese Academy of Medical Sciences of the People's Republic of China to participate in an international symposium on selenium in Beijing in October.

The two are Gerald F. Combs Jr., associate professor of nutrition in the State College of Agriculture and Life Sciences, and T. Colin Campbell, professor of nutritional biochemistry in the Division of Nutritional Sciences.

Combs and Campbell are among seven western scientists representing the United States, Great Britain, Finland, and the World Health Organization of the United Nations

who have been invited to the Beijing symposium scheduled for October 3 and 4.

While in China, Combs and Campbell will conduct a fact-finding tour of areas where many children suffer from a fatal heart disease caused by the lack of dietary selenium and present a series of lectures on the biochemical functions of selenium for Chinese medical scientists.

Selenium is a naturally occurring trace element in soils, which is now recognized as an indispensable nutrient for humans and animals. The Beijing conference, says Combs, will focus on the role of selenium in human health and disease, and the relationship between selenium and cardiovascular disease.

Brief Reports

Women's Studies Will Make Award

The Women's Studies Program is accepting applications for the Judith Ellen Kram Award for study during spring 1982.

Up to \$1,000 will be awarded to support research on topics of concern to women. The research, which must be done for academic credit under the supervision of a Cornell faculty member, must take place away from Ithaca. The competition is open to sophomores, juniors and seniors in any college at Cornell.

Information about the award and application procedures is available from the Women's Studies Program, 332 Uris Hall, 256-6480. Applications are due in the Women's Studies Office by noon Thursday, Oct. 15.

The Kram award was established by Mr. and Mrs. Daniel Kram of West Orange, N.J., in memory of their daughter, Judith, class of 1977 at Cornell. Last year's recipient of the award was Donna Goldstein, currently a senior in the College of Agriculture and Life Sciences, who used the award to study the effect on women's lives of the formation and development of a women's cacao growing collective within a collective farm in Tabasco, Mexico, during the spring 1981 semester.

Applications should include a de-

tailed outline of the project, a statement of purpose, the applicant's qualifications, a letter of support from the faculty supervisor of the project, a budget describing how the award will be spent, and some indication of whether any alternative sources of funding are available to support the research. The applications will be evaluated primarily on the basis of quality of research, but financial need will be considered in deciding among proposals of equal quality.

Rhodes to Speak At Assembly Meeting

An address by President Frank Rhodes is on the agenda for the University Assembly meeting at 4:45 p.m. today in 405 Malott Hall. Rhodes' address will focus on the state of the university.

Other items on the agenda will be a discussion on a Charter amendment concerning committee alternates and a proposal for the establishment of a Financial Aid Committee.

All meetings of the University Assembly are open to members of the Cornell community.

Experimental College To Offer Courses

Short, non-credit courses in photography, ballet and oriental cooking are three of the 40 courses being offered this semester by the Department of Unions and Activities' Experimental College.

The courses, open to all members of the Ithaca and Cornell communities, provide opportunities to increase skills and pursue interests in a variety of non-academic areas, according to Sherry Hertel, program coordinator.

Registration for courses will be from 6 to 8 p.m. in the Memorial Room, Willard Straight Hall on the following days: Monday, Sept. 28, bartending courses only; Tuesday, Sept. 29, dance courses only; Wednesday, Sept. 30, all other courses and any unfilled bartending or dance classes. A brochure containing information about registration and class schedules is available at the Information and Referral Desk in Day Hall.

Classes will meet once a week for six to eight weeks, beginning the week of Oct. 11. A non-refundable fee will be charged for each course. For further information, call 256-7131.

Pring-Mill Leads Off Ibero-American Series

A British scholar whose work has created "new standards for Hispanic literature" will be the first lecturer in a 1981-82 Festival of Ibero-American Culture here.

Robert Pring-Mill, university lecturer in Spanish at Oxford University and fellow and tutor of St. Catherine's College there, will speak on "The Revolutionary Poetry of Ernesto Cardenal" at 4:30 p.m. Wednesday, Sept. 30, in 242 Goldwin Smith Hall.

Cardenal, a poet, Roman Catholic

priest, Marxist and now Culture Minister in the post-Somoza government in Nicaragua, was scheduled to appear here himself on Oct. 22. However, he was denied permission by the ruling junta to participate in the Cornell festival.

"To the study of Cardenal, Prof. Pring-Mill brings excellent credentials," according to Enrico Mario Santi, assistant professor of Romance studies at Cornell, and an organizer of the festival that will bring several world renown Latin American writers to Cornell this year.

Pring-Mill has edited and translated three anthologies of Cardenal's work and he has recently completed a book-length study of the poet. He is well known for his work on Ramon Lull and Calderon de la Barca and on the poetry of Pablo Neruda.

His lecture is sponsored by Cornell's Latin American Program which has assisted in the entire festival, as has Cornell's Council for the Creative and Performing Arts.

Camilo Jose Cela, described by Santi as "Spain's most important living novelist," and Jose Triana, a Cuban playwright silenced for 15 years, are likely to appear on Cornell's festival program as substitutes for Cardenal, Santi said.

Details regarding their appearances here are being finalized.

Insurance Waiver Deadline is Monday

All students registered fulltime and in absentia for the fall semester are enrolled in the Accident and Sickness Insurance Plan offered by Cornell. Waivers for those students declining the coverage must be submitted no later than Monday, Sept. 28.

Enrolled students may pick up their Certificate of Insurance at the Student Insurance Office in Gannett Health Center.

SAGE CHAPEL

'Being Steadfast, Doing New Things'

William E. Gibson, coordinator of the university's Eco-Justice Project of the Center for Religion, Ethics and Social Policy since 1975, will speak at the 11 a.m. Sunday, Sept. 27, Sage Chapel Interreligious Service. His sermon topic will be "On Being Steadfast and Doing New Things."

Gibson came to Cornell in 1972 as University United Ministries Chaplain and a member of the staff of the Southern Tier Area Council for United Ministries in Higher Education. Before coming to Cornell he served as Presbyterian University Pastor at the Universities of Arkansas and Pennsylvania and as Director of the Board for Campus Ministry in Rochester.

Gibson is a graduate of the University of Wisconsin and Princeton Theological Seminary and received his Ph.D. in Christian Ethics from Union Theological Seminary.

Gibson has participated in national consultations and task forces of the United Presbyterian Church in the United States and the National Council of Churches, among others. His articles and papers have appeared in several religious journals and he is the editor and co-author of A Covenant Group for Lifestyle Assessment, published as a collaborative project of several denominations.

Music for the service will be provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, Sage Chapel choirmaster and university organist. Graduate student Stephen May is assistant conductor and accompanist.

Campus Smoking Policy Regulations Outlined

The now defunct Campus Council, at a meeting last spring, passed a campus-wide smoking policy which is printed below.

The New York State Public Health Law provides that smoking is prohibited on any means of mass transportation or in any indoor facility which is open to the public such as a library, museum, theater or lecture hall. The exceptions to the law are rest rooms and lobbies if the lobbies are physically separated from the spectator area or other areas specifically designated as smoking areas.

Any questions concerning the smoking policy should be directed to the Office of the Assemblies, 165 Day Hall, phone 256-3715. A Smoking Commission will soon be established by the University Assembly to monitor implementation of the policies.

The smoking policy is:

Section I. Smoking should be prohibited in the following places as at the following events:

- a. Classrooms, laboratories, and hallways of academic buildings.
- b. Campus buses and university vehicles used by two or more persons.
- c. All elevators.
- d. All indoor athletic events, including but not limited to those at Barton, Lynah, Teagle and Newman Halls.
- e. All public lectures and performances, including concerts, movies, and theatrical productions.
- f. Lobbies and corridors immediately adjacent to theatres and lecture halls.

Section II. Smoking should be regulated in the following places by the establishment of separate smoking and non-smoking areas, or by prohibiting smoking altogether:

- a. Cafeterias, dining and lunch rooms.
- b. Medical facilities.
- c. Libraries and museums.
- d. Student, employee and faculty lounges.
- e. Rest rooms.

Section III. In offices that provide regular services to students, or employees, or where several people work in close proximity, the supervisors should establish regulations to protect the rights of non-smokers. The guiding principle should be:

- a. No member of the community shall smoke without the consent of all those persons in range of the smoke.

Section IV. Education and Enforcement:

- a. Signs stating NO SMOKING should be placed in buses, elevators, and rooms or buildings where smoking is prohibited.
- b. The regulations on smoking should be announced at public lectures, performances, and athletic events.
- c. The policies regarding smoking should be published in student handbooks and brochures for employees.
- d. The University Health Services should undertake an education campaign about the hazards of smoking and should arrange clinics to help students and employees give up smoking.
- e. A permanent commission should be established to monitor implementation of the policies on smoking.

April 21, 1981

Smoking Policy Committee

Eleanor Rice, Chair

Irit Erera

Peter Harriott

James McMillan

John M. Randall

Diane Smith

The Week in Sports

Colgate Is Grid Home Opener

The varsity football team's first home game of the season highlights this week's home schedule for Cornell sports.

The Big Red will entertain Colgate at 1:30 p.m. Saturday on Schoellkopf Field, the first of five home contests for head coach Bob Blackman's gridgers. But it will be the second home football game of the weekend; on Friday, the freshman team opens its season at 3 p.m. on Schoellkopf also by playing host to Colgate.

The women's field hockey team will also see action on the AstroTurf of Schoellkopf Field this weekend, playing Dartmouth at 10 a.m. Saturday. The Big Red women's tennis team has two matches at home during the week, meeting Yale on the Cascadilla Courts on Saturday at 9 a.m., and entertaining Wells College Monday at 4 p.m.

The Cornell football team will be seeking revenge against Colgate. Last season, the Red Raiders defeated the Big Red in Hamilton, 38-20, for Colgate's first win in the series since 1977. Cornell still leads the series between the two schools, 43-21-3. Saturday's game will also be Wendy's Youth Day, when area youth organizations will be able to

purchase group tickets at a reduced rate.

The freshman team will be trying to follow last year's pattern when it opens the season against the Red Raiders. Last year, the Big Red finished fifth in the Ivy League and had a 3-9-2 record overall. Dartmouth defeated Cornell, 2-0, last year and now leads the series, 1-0-1.

The women's tennis team faced

Yale for the first time ever last season and lost to a powerful Eli squad, 9-0. Yale figures to be one of the toughest teams in the East again this season, and the match should be Cornell's toughest of the year. The Big Red had its best season since 1977 in 1980 with a 4-2 record. This year's squad is under the direction of first-year coach Steve Medoff. Cornell leads the series with Wells, 7-0, and won last season's game, 7-0.

Lightweights Are Age 45

The Cornell lightweight football program will celebrate the 45th anniversary of its existence when the team holds its annual alumni-reunion weekend this Friday and Saturday.

The festivities will be centered around the Big Red varsity football team's game against Colgate on Saturday at Schoellkopf Field. Prior to the varsity contest, the 150-football alumni will gather at a tent on Upper Alumni Field. And on Sunday, the Cornell graduates will team up to play this year's version of the lightweight football squad in a scrimmage on Schoellkopf, starting at 12:30 p.m. More than 50 alumni

are expected to compete in the scrimmage, which will serve as a tune-up for the Big Red's season-opener against Army on Oct. 2.

This year's reunion will honor the 1936 lightweight team, the first year of 150-football at Cornell. The program was classified as a club sport that year, but began competing on an intercollegiate level in 1937. Bob Grant, the Big Red's first lightweight football coach ever, will be back to join in the reunion. For information concerning the 150-football alumni weekend, contact the lightweight football office at 256-3610.



NETWORKING

A Newsletter By Employees...For Employees Volume 2, Number 7 September 24, 1981

Get Involved

Reported by Kathleen McCarty

HELP! The University Assembly needs you. Employees are needed to serve on the following University Assembly committees:

Committee on Committees: responsible for staffing standing committees; 2 employees needed.

Codes and Judicial Committee: makes recommendations regarding changes in the rules of the Campus Code of Conduct and the Statement of Student Rights; advises Committee on Committees in selection of candidates for Hearing and Review Boards; 2 employees needed.

University Hearing Board: hears cases involving alleged violations of the Campus Code of Conduct and the Statement of Student Rights, etc.; 4 employees needed.

University Review Board: hears appeals of cases heard by Hearing Panels of the University Hearing Board; 2 employees needed for one-year terms and 1 employee needed for a two-year term.

Committee on Minority and Third World Affairs: Watches over University Assembly actions which interest, concern, and affect minority and third world members; 2 employees needed.

Committee on University Budget Policies: provides advice to administration in formulation of budget policies; 2 employees needed.

Campus Planning Committee: reviews and makes recommendations to the President regarding construction and major renovation; consults with Committee on Transportation Services on plans which affect transportation; 1 employee needed.

Board on University Health Services: has authority to determine policies for the University Health Services with the exception of policies relating to the professional aspects of medical care; 2 employees needed.

Committee on Transportation Services: determines policies for the Department of Transportation including parking, roadways, parking lots, regulation of traffic and bus service; 3 employees needed.

Violations Appeals Board: considers appeals regarding violations of the Cornell University Regulations Governing Motor Vehicles; 2 employees needed.

Continued on page 4

It takes People

by Barbara Smalley

Robert W. Storandt, Director of Admissions, describes her as a "walking encyclopedia of what has gone on in any Cornell undergraduate admissions office in the past and what is going on now." Co-workers insist she has the patience of a saint and characterize her as the "wonder" of the office—"kind, always willing to listen, and an all-around fantastic person." In fact, it seems that whenever anyone in the admissions office has a problem or a question, they know just who to turn to: Marjorie Sullivan.

For the past fourteen years, you see, Marjorie Sullivan has graced Cornell's Office of Admissions by performing many a task. For starters, she assists in the general supervision of the entire clerical staff on the second floor at 410 Thurston Avenue. In addition, she assists the Director in handling correspondence, serves as secretary to the Office Supervisor, and lends a hand to the Assistant Coordinator of Admissions in handling correspondence regarding fees, refunds, extensions, etc. And as if that were not enough, Marjorie also takes on all inquiries which cannot be handled by the application distribution clerk, plus correspondence regarding discrepancies in applications which involve contacting schools for specific information regarding applicants and prospective students.

Whenever someone drops in, telephones, or writes to the Office of Admissions, chances are good that they will deal directly with Marge. Whenever someone is needed to work overtime, she is always the first to volunteer.



And recently when three employees were needed to travel to Boston to check out potential computer systems for use in the Admissions Office, Marge was not only chosen to go, but was singled out to be the office's spokesperson and was charged with explaining the pros and cons of each system upon her return.

Can you imagine going fourteen years without a coffee break or a lunch hour? Marjorie Sullivan has done just that! And in the evening when she goes home, she carries a bundle of already-opened envelopes to sift through while watching television in the event that a piece of correspondence might have gone undiscovered. A strange habit indeed; however, Marge has managed to rescue many a student's check or letter from the trash bin.

Typically Marge is buried in her own work, but co-workers are quick to acknowledge that whenever anyone is out Marge always manages to handle that job as well as her own. In fact, most of the staff in her office admit

in pure admiration, "If some of us could have half of Marge's energy and knowledge of the work here, we would be so lucky!"

One can just imagine the perfection that must show up in Marge's performance reviews. Director Storandt labels her as "completely dependable," and in the same breath adds that her work is of extremely high caliber." In fact, when her fellow employees were asked if they felt Marge should receive Networking's Dedicated Service Award, there was not a moment of hesitancy. "Absolutely," claimed one co-worker; "Greatly overdue," chimed another. One testimonial went as far as to claim that, "If ever there was a person that deserved this award, it's Marjorie Sullivan." And finally, Storandt wrote, "We have been through many difficult times in Marjorie's years with us, but she has never faltered in her attention to the job at hand. Somehow through it all, she has remained cheerful and continuously devoted to serving Cornell and our various publics to the very best of her ability."

Rumor has it Marjorie Sullivan plans to retire come spring. That is, if they let her! One co-worker insisted, "None of us can believe that Marge is really going to leave us, but she really does deserve the best." Another chimed, "It is hard to think of the Cornell admissions scene without Marjorie Sullivan." And still another wished, "We don't want to see her go, but if she really has to leave, we would like her to have the Dedicated Service Award to take with her."

And so she will.



Retirement The Time of Your Life

The process of planning for retirement is often confusing, difficult and put off until the last moment. A successful retirement requires advance planning and the earlier the process begins the better.

Starting this fall, University Personnel Services will be sponsoring a series of seminars designed to assist employees in this challenging endeavor. "Retirement: The Time of Your Life" will be a continuing series of seminars dealing with various aspects of the pre-retirement planning process. The seminars will deal with a variety of topics, ranging from Financial Security to Health Considerations.

The first seminar in the series will be "Tax Deferred Annuities: Investing in Your Future." On October 22 and 23, 1981, representatives of TIAA/CREF will be on campus to discuss the benefits associated with participation in the University's Tax Deferred Annuity (TDA) Program. Meetings will be held at the following times:

Thursday, October 22, 1981:

Place: Kaufman Auditorium, Goldwin Smith
Time: 8:30 & 10:30

Place: Veterinary Research Tower, G-3
Time: 2:00

Place: James Law Auditorium, College of Veterinary Medicine

Time: 7:30

Friday, October 23, 1981:

Place: Veterinary Research Tower, G-3
Time: 8:30

Place: 135 Emerson Hall
Time: 10:30

Details of the TDA Program and these meetings will be sent to each employee in the near future. If you have any questions regarding the series please call Judith Pulkinen at 256-3936.

Scoop on Slive



Mark Goldberg, Public Relations
Athletic Department

Mike Slive has only been on the scene as Cornell's director of athletics for a few short months. But of what the new athletic director has seen of the University thus far, he's been very impressed.

"I'm impressed with the quality of both the academic and athletic programs at Cornell," said the 40-year-old Slive, who was appointed to replace Dick Schultz as the University's director of physical education and athletics on June 18. "I'm impressed with the quality of life that exists in the Cornell community, which University employees and their families currently enjoy and which my family is now enjoying. I think Cornell receives outstanding leadership from President Rhodes and there's a real commitment to excellence and management. I see a real desire here to make sure that Cornell maintains its pre-eminent status in this country and throughout the world."

Prior to being athletic director at Cornell, Slive had been assistant executive director of the Pacific-10 Conference since 1979. He previously served five years as judge of the Hanover, N.H., District Court, after seven years in the private practice of law in Hanover.

Slive says he is committed to maintaining the University's large and diverse athletic program. He admits that it will not be easy, however, during this period of inflation, but he says he will fight to make sure that Cornell continues to offer one of the finest athletic programs in the country.

"While most institutions are cutting back programs," said Slive, "my goal is to do what people say can't be done--- that is, to maintain a broad-based athletic program that is both competitive and of high quality. Some people feel colleges won't be able to do this in this age of financial crunch, but I feel that with the continued support of the University's administration, faculty, students, and alumni, we'll be able to do the so-called impossible."

A 1962 graduate of Dartmouth, Slive earned his law degree at Virginia and a master's of law at Georgetown University. He returned to Dartmouth as assistant director of financial aid for one year, then worked two years as assistant athletic director and business manager there.

Cornell has one of the nation's largest intercollegiate programs with 38 sports -- 22 for men, 16 for women. It has the largest physical education program in the Ivy League with some 5,000 students in classes. The intramural program has 21 sports and some 9,500 men and women participants.

Experimental College

Submitted by:
Mary Ellen Jones

If you would like to take classes for enjoyment or if you have a skill to teach others, then perhaps the Experimental College in Willard Straight Hall is the outlet you've been looking for. It is a non-academic unit within the Department of Unions and Activities designed to give students an outlet from their academic courses and to introduce them to a variety of subject areas. Experimental College was begun in the late 1970s primarily for students, but the Coordinator, Sherry Hertel, says that all employees of Cornell and members of the Ithaca community are welcome to participate.

Experimental College offers approximately 40 diverse courses each fall and spring on an introductory level so that people can experiment with a new interest or activity and then decide whether or not to enroll elsewhere for more intensive instruction. A few courses have an intermediate level follow-up class. The course roster changes from semester to semester as popularity fluctuates and as instructors are available. Each semester Experimental College serves approximately 1000 people.

Employees have a good opportunity here to become more a part of the Cornell Community while learning aerobic dance, auto mechanics, antique collecting, magic, photography, T'ai Chi Ch'uan, plus many other subjects. Experimental College also seeks & encourages people to instruct the courses. Sherry Hertel will discuss the course guidelines and flexibilities with anyone interested in being an instructor and applications can be obtained from her. If she feels that your skill doesn't have an immediate place in Experimental College, she will help lead you to someone else or another facility in the Ithaca area where your talent can be used. Sherry is a coordinator of people who have talents to share and desires to learn and she is very helpful in finding the right spot for you. Experimental College is experimental for students and instructors.

Fun Classes for Everyone

Jitterbug
Magic
Mime
Modern Dance
Photography
Recorder Ensemble
Reducing Stress
Relaxation Massage
Sign Language
Stereo 301
Southeast Asian Cooking
Survival Dance
T'ai Chi Ch'uan
Tap Dance
Tennis
Art Appreciation
Auto Mechanics
Ballet
Ballroom Dance
Bartending
Beer Brewing
Belly Dance
Bicycle Maintenance
Contact Improvisation
Disco Dance
Drama
Eckankar
Emotional Crises
Field Ornithology
Great Grapes
Gurdjieff & Ouspensky
Holistic Massage
Ice Skating
Indian Classical Dance
Jazz Dance

Registration is on a first-come, first-served basis with no advance registration. For this reason, the majority of course participants are Cornell students since they have more time than employees have to stand in the lines that sometimes begin forming at 2:00pm for a 6:00pm registration. Registration can be done by proxy (a good possibility for employees) but if the lines are long, the proxy will have to wait in line a second time if he/she would also like to register. The number of people allowed in a class depends on the size of the room where the course is offered. Some of the more popular classes have several sections so that the majority of people can be accommodated. Fall classes will begin in October and information brochures will be available the latter part of Sept. Watch for information at the student unions (Willard Straight, North Campus Union, Noyes Center), the grocery stores, your department chairman's office and in the Chronicle, Cornell Sun, Grapevine, Ithaca Times, and word-of-mouth.

Fees for classes are kept low in the interest of providing extra, non-academic subjects. Cost ranges from \$15-35, depending on materials needed. Non-student rate is \$2.00 higher. Because the fee is low, some classes are hard to get into and the age group varies. Classes run 6-8 weeks, twice a year, beginning in October & March (look for ads in Sept. & Feb.). Classes are held evenings, once a week, for 1-1½ hrs. each.

The following courses are not all taught each semester, but the list shows areas of interest that have been offered and evaluated as to their possibility and flexibility for continuance in the Experimental College.

For further information, contact Sherry Hertel, Dept. of Unions and Activities, 535 Willard Straight Hall, 256-7131.

Checking In With The Trustee Report

Ronald Parks
Employee Elected
Trustee

For years there has been talk of forming some type of Recreation/Social Club that would provide a means of getting Cornell staff together for various activities. Other area businesses have such groups, including Morse Chain and Cornell's Geneva Experiment Station.

A committee was formed and met several times to explore the possibility of the Cornell Staff forming and running their own club. Two Brown Bag Luncheons were held on the subject to gain input from employees as to what type of activities the proposed club would sponsor. Also a survey was distributed in Networking and Petitions were circulated to determine the percentage of staff interested in the club and the possible development of an Employee Park. The Petition received over 800 signatures and the survey indicated that the staff would like to see a club sponsor picnics, holiday parties, dances, trips (tours, sports, shopping) etc.

The responses from the Cornell community indicated that some type of Social/Recreational Organization is desired so now the committee is going full force to make it a reality. A set of By-Laws is being written, using successful clubs as

an example, and a membership drive is planned to start within a month.

There will be meetings set up on campus where the committee will explain the club and receive further input from employees on what they would like to see a club do. Also, there will be an informational pamphlet distributed to each employee.

The original idea for the club came from Al Reed of Buildings & Grounds Care and has gained increasing support across campus. The Employee Elected Trustees have put their support behind the idea for the last couple years and will continue to do so because we feel that there is always room to improve the sense of community

at Cornell and the formation of an organization to help bring employees together will go a long ways toward our goal of making Cornell a better place to work.

Check your bulletin boards and this paper for further information, and if you would like to help form the club or have any questions call me at 6-7250.

The Mail Tale

Submitted by Linda English

Perhaps one of the most valuable and convenient services offered to the Cornell community is the general mail and freight services located on campus. There are two substations of the United States Post Office which offer general postal services, and the Day Hall Mail room which has limited mail services.

One substation is located in the basement of Roberts Hall (Rm 20) and the other is located on the first floor of Barnes Hall. Both substations offer services such as; stamps, money orders, domestic and international mail (including parcel post), registered mail, certified mail, and insurance for parcel post. The Barnes Substation also offers sale of most postal supplies.

The Barnes Hall substation is open from 8:30 a.m. - 5:00 p.m., Monday - Friday.

The Roberts Hall substation is open from 7:30 a.m. - 4:30 p.m., Monday - Thursday, and 7:30 a.m. - 4:00 p.m. on Friday.

The Day Hall Mail room is another type of postal service on campus. Although the mail room does not offer general post office services, it does service as a drop-off and pick-up for both United States and campus mail, Emery Air Freight, and Federal Express. The mail room is open from 8:00 a.m. - 4:30 p.m., Monday - Friday and is located on the first floor of Day Hall (Rm 156).

They're Back!

by Mary B. Jamison

They ARE back!! Shattering peace and quiet - on campus, hallways, roads, in offices, on lawns, anywhere they are. And WHY do they have to jog 3 and 4 abreast and wobble their bikes with agonizing slowness on the road ahead of you? Have you tried to have a quiet lunch in the cafeterias? It was quieter at work!

I really do enjoy watching the students returning. There's a sense of expectancy, change, hope, joy, excitement and perhaps a little apprehension in the faces I see, not unlike the changing of the seasons their returning heralds.

Remember "Be kind to your web-footed friends, for a duck may be somebody's brother"? Well, that student may be somebody's brother or sister, and IS someone's son or daughter -- Who knows? Maybe even yours or mine!!



WELCOME BACK STUDENTS !!!!

Wouldn't be here without you. _____

WANTED

Nomations of Outstanding Employees to

REWARD

with Networking's Dedicated Service Award

Many individuals at Cornell University contribute to the success of their department and the University through the use of talents that may not be recognized in their official job description.

Do you know someone who takes particular pride in their work, who exhibits a willingness and cheerfulness in the dispatch of their duties, who provides service beyond the call of duty, and who makes life at Cornell a rewarding experience for those with whom they come in contact? Networking is looking for special people you feel should be recognized for their special contribution. The Dedicated Service Award is open to any Cornell employee, regardless of rank.

Nominate someone today by filling in this form and please note that it would be helpful to accompany your ballot with a list of signatures from other department members supporting your candidate. If you candidate is selected, we will be in touch with you to supply additional information.

For the Dedicated Service Award
I NOMINATE

Employee's name: _____

Department: _____

Working Address/Phone #: _____

Person submitting nomination: _____

Dept./Address/Phone: _____

Mail to Linda English, Research Park, 61 Brown Road OR Margaret Seacord, 104 Space Sciences Building.

A Course of a Different Color

The Staff Relations and Training section of University Personnel Services provides training and development programs, consulting and counseling services and educational programming for the University's employees.

Training programs are offered during normal working hours throughout the year to assist Cornell employees in achieving their full job potential. All regular full- and part-time employees are eligible for Staff Relations and Training Programs with the approval of their supervisors.

During Fiscal year 80-81, approximately 2000 staff attended the 60 courses available. All training programs are offered without cost to employees, and approved time spent in class is generally considered time worked.

Training programs are announced in advance on a quarterly basis in Personnel Report, a monthly supervisory newsletter published by University Personnel Services, and NetWorking. A pre-registration form, with supervisor's approving signature, must be submitted for each training program. Forms are available from supervisors or from the Staff Relations and Training Office, 111 Day Hall.

For descriptions of the courses listed consult the September/October Personnel Report or for information on these and all educational, training and development opportunities, contact Staff Relations and Training, 111 Day Hall, 256-7400.

FOR SALE: 1979 Chevy Malibu, Landua top, 21,000 miles, jade green with pin-striping - excellent condition! Best Offer. Call Bernie Cook-564-9375.

FROM TRUMANSBURG TO CORNELL: 1 More Rider needed to share car pool. Will share in cost of U-Car Pool Permit with 4 other riders. LV TRUMANSBURG 7:05 am - LV Cornell 4:30 pm. M-F. Call Ellen-Days-256-5411, after 5:30, 387-6693.

Mark Goldberg, Public Relations
Athletic Department

Tickets will go on sale for the seventh annual Cornell Employee Day on September 28 at the ticket office in Teagle Hall. All University faculty and staff members and their families are invited to attend Employee Day, which will be held on October 10 when the Big Red football team entertains Harvard at Schoellkopf Field in Cornell's Ivy Leagues home opener.

Football tickets are discounted for all regular full-time and regular part-time employees to \$2 each on Employee Day, which is half off the regular price for University employees who purchase tickets. Cornell employees may purchase up to four football tickets, and tickets can only be obtained during the week of September 28-October 2 at Teagle Hall.

Employee Day festivities will begin with a chicken barbecue at Barton Hall. A cash bar will open at Barton at 10:45 a.m., with the barbecue running from 11:00 to 1:00. Game time for the Cornell-Harvard football contest is set for 1:30. The cost of a ticket for the chicken barbecue is \$1.75 each and as in the case of the football tickets, there is a limit of four per person.

Update

Cornell and Harvard both finished in the upper division of the Ivy League standings last season (The Big Red came in second place in 1980, while the Crimson finished in a tie for third), and both teams figure to challenge for the league crown again this season. Harvard picked by many to finish second in pre-season polls, had a strong 7-3 record last year, including victories over such tough teams as Army, William & Mary and Brown. The Crimson has 33 lettermen and seven starters returning this season, including last year's leading rusher in fullback Jim Callanan.

Cornell has just four starters back from last year's team, but Big Red coach Bob Blackman is confident he'll be able to fill in the holes left by graduation. The Red opens its season at the University of Pennsylvania on September 19, before entertaining Colgate at

Schoellkopf Field on September 26 in its home opener and traveling to Rutgers on October 3. Cornell will be trying for its fourth consecutive season of .500 or better; the last time the Big Red posted four straight non-losing seasons was 1948-51.

In keeping with the spirit of Employee Day, distribution of literature of any kind will not be permitted inside Barton Hall.

FOR SALE: RUG: 14 1/2' x 11' -EXCELLENT CONDITION. Call Louie - 256-2338 -(M-F) 8-4:30.

FOR SALE: WINTER RAT, '74 Maverick, started each day last winter, rear window defroster, snowtires on rims, automatic, \$500.00. Call Ruth 273-2543-evenings.

FOR SALE: Kitchen Aid Portable Dishwasher. Excellent Condition. \$150. Call 273-0348, evenings.

FOR SALE: White Aluminum Suspended Ceiling Grid System. Assorted lengths-\$25.00. - 257-7042 - evenings.

FREE: Combination Gas-Wood-Coal - Kitchen Range - U Pick-up-539-6468.

Focus On The Employee Assembly

The Employee Assembly met on August 18 in 131 Roberts Hall at 12:15 p.m.

William Jones, Assistant Treasurer of the University, spoke about Direct Deposit of payroll checks and check cashing policies on campus. Direct Deposit is expected to go into effect in October of 1981. Because banking facilities on campus have greatly increased since the check cashing service was started and personnel in Day Hall can no longer handle the large volume of check cashing, Day Hall cashiers will no longer cash employee or student checks.

William Wendt, Director of Transportation Services sent a letter to the Assembly (in care of the chairperson, Stephan Knapp) as a result of his attendance at the previous meeting thanking the Assembly for the invitation to the August 4 meeting of the Assembly. He "felt that the discussion generated at

the meeting served a useful and important purpose in providing a setting for communication about this difficult and sensitive issue." Wendt indicated that "the signs at the traffic and information booths have been changed so as to be consistent with the signs at the main campus entrances. Campus access is limited to holders of S and U Permits from 7:30 a.m. to 5:00 p.m. Monday through Friday. Persons who hold other parking permits may drive through campus during other hours. The Department of Public Safety will be staffing the booths during the restricted hours, with enforcement of the regulations according to the indicated hours. A person driving past a manned booth at 7:20 a.m. will not be challenged.

Wendt pledged his support to the recently formed ad hoc committee to study transportation policies relating to University employees. That committee was dissolved at the September 1 meeting

at 12:15 p.m. in B8 Roberts Hall. The Assembly felt it was redundant in light of the fact that three employees will serve on the Transportation Committee of the University Assembly. At that September 1 meeting several employees addressed the Assembly on the matter of an Employee Club. The Assembly confirmed its support of this group in their attempts to organize a voluntary club for all Cornell employees.

The IOC (Internal Operations Committee) announced the appointment of chairperson James Spada to serve on the CURW (Cornell United Religious Work) search committee. He is a research associate in Ag Engineering and has served on the CURW board in the past for a 2 year term. A person will be hired to fill the vacancy created by the retirement of John Taylor.

Continued from page 1

Special Request Appeals Board: acts as an appeals board for variances and special requests relating to Cornell University parking and traffic regulations except in cases involving violations; 2 employees needed.

If you are interested in serving, fill out and return the attached form. For more information, call 256-3715.

TO: Office of the Assemblies
165 Day Hall

I am interested in serving on the _____ committee.

Name _____

Campus Address _____

Telephone _____

PLEASE SUBMIT FORM BY OCTOBER 2nd.

*For more information, please call 256-3715.

Seminars for Parents

The Cornell Child Care Coalition has planned a series of seminars to be held each month throughout the year during the lunch hour. The first session will be in October, and will cover the topics of "Starting a Play Group" and "Day Care Available in The Area."

These seminars will be announced through "Networking," the Coalition meeting minutes, and on flyers posted around the campus. For more information call Terry Vatter at 256-3608.

WELSH CHOIR CONCERT - 46 member Vale of Tywi Male Choir from Dyfed, Wales will perform at the Trumansburg Central High School Auditorium, Trumansburg, N.Y. on OCTOBER 6, 1981 at 7 p.m. — Sponsored by Trumansburg Area Council of Churches. No reserved seats. Free-will offering.

Correction

Employee Benefits has discovered two typographical errors in the recently distributed Summaries of Benefits and Privileges for Regular Full Time Employees of Statutory Divisions:

On the back page of both versions the "Pension Benefit" under Tier I should read "For 20 or more years of service, 1/50th x final average salary x years of service. For less than 20 years of service, 1/60th x final average salary x years of service".

Under the TIAA/CREF Tax Deferred Annuity Plan section on page 2 of both the Exempt and Non-Exempt Statutory Summaries the words "non-exempt" should be deleted. All Cornell employees are eligible to participate in this plan.

Contact the State Finance and Business Office at 256-4455 with any questions.

FROM ELMIRA TO CORNELL-RIDER OR DRIVER TO SHARE DRIVING. Hours are 8 - 4:30, M-F. Call MIKE at 607-739-0678.

Bowling

Some people have expressed the desire to form a Cornell Women's Bowling League at Helen Newman Lanes.

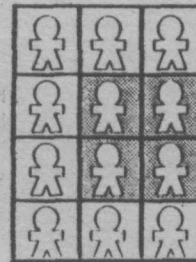
The time would be 5:15 p.m. on Monday evenings. Anyone interested please call Bernice Jones at 256-3355 or Anne McCord at 256-4200 for further information.

BENEFITS AND PRIVILEGES SUMMARIES

have been sent to
all employees

Consequently, 'Networking' will no longer
publish them.

IF YOU HAVE NOT RECEIVED YOURS, CALL
PERSONNEL SERVICES, DAY HALL, 256-3936.



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ONE BIG FAMILY

DAD I GOT A
PROBLEM



WHAT'S YOUR
PROBLEM?



SOMETHING SERIOUS
WRONG WITH ME?



DON'T BE SILLY
THEY'RE ONLY
GOOSE BUMPS



WHAT DO YOU KNOW--
I'VE BEEN GOOSED

