

Registration an Orderly Process

On Average, It Takes 15 Minutes

Registration of some 16,500 students between the ages of 18 and 80 might be expected to cause mass hysteria, great confusion and hot tempers. At Cornell, however, most of the problems and delays have been eliminated.

The university began a centralized registration system two years ago in an effort to speed up

what had been a long and involved process. Students can now pick up materials, register and validate their I.D.'s in one place at one time at the rate of about 1,000 students per hour. In most cases, a student can complete the entire registration process in about 15 minutes.

Registration for all full-time students is scheduled for Aug. 28 and 29

in Barton Hall. It is important that students register in person at the time and date specified on the postcards received by them in August. It is also important that students bring the postcards with them to registration as they are considered as "admittance tickets." Students who lost or left their postcards at home should check with their college of-

fice.

The registration schedule for individual colleges and schools is as follows:

Thursday, Aug. 28, 8-11:30 a.m. and 1-4:30 p.m. students in the College of Agriculture and Life Sciences, Graduate School and the Law School; **8-11:30 a.m.:** students in Hotel; **1-4:30 p.m.** students in the

School of Business and Public Administration and those in the Division of Unclassified Students.

Friday, Aug. 29, 8-11:30 a.m. and 1-4:30 p.m.: students in the colleges of Arts and Sciences, Engineering and Human Ecology; **8-11:30 a.m.:** students in the schools of Industrial and Labor Relations and those in

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Orientation counselors all in a row at an earlier Freshman Convocation.

Relieving Some of the Apprehension

Orientation Seeks to Answer Students' Questions

Going off to college stimulates many feelings for both students and their parents.

For all it is an emotional time. There is excitement and sadness, anxiety and bewilderment.

To relieve some of the apprehension, to expose freshmen and

their parents to Cornell—and to answer their questions—the Office of the Dean of Students in conjunction with the Student Orientation Steering Committee and the College Orientation Committee has scheduled a week of orientation programs.

Starting Aug. 24, freshmen and their parents will have an opportunity to meet and mingle with members of the Cornell family—faculty, students and staff—in a variety of lectures, informational meetings and social activities.

Family orientation workshops have been scheduled on Sunday and Monday to help parents and new students adjust to their imminent separation. Conversations with other new Cornell families to explore feelings and concerns about the university experience and how it affects each family member will be the emphasis of these workshops.

At 10:30 a.m. Monday, Aug. 25, in Barton Hall, Cornell President Frank Rhodes will address new students and parents at the President's Convocation. Parents and students will also have an opportunity to meet the president and other members of the administration at the reception immediately after his speech.

At 7:30 p.m. Monday, there will be a panel discussion in the Hollis Cornell Auditorium, Goldwin Smith Hall on "Different Perspectives on the Cornell Experience." Panelists will include university students and faculty members.

L. Pearce Williams, the John Stambaugh Professor of the History of Science, will give "The Notorious Note-taking Lecture," at 4:30 p.m. Wednesday, Aug. 27, in G-1 Uris

Hall. Williams' lecture has been described by students who have heard it as "very entertaining."

Also on Wednesday at 8 p.m. in

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Fall Referendum Will Offer Campus Governance Choices

The Charter for the Campus Council, the current form of non-academic governance at Cornell, called for a full review and evaluation of the council and its committees, which was held in 1979-80.

The committee making the review recommended three possible forms of governance, with a community referendum to be conducted in October. The referendum will give the community an opportunity to indicate its preference among the three choices.

The three proposed forms of governance are: continuation of the Campus Council; the formation of a University Assembly, or the formation of a University Assembly with an associated student assembly and/or employee assembly. The referendum will be by mail ballot, which will be sent at the end of September.

A number of information meetings and debates will be held during the next several weeks, the first being a panel discussion at 3 p.m. Thursday, Aug. 28, in Hollis E. Cornell Auditorium, Goldwin Smith Hall. All interested members of the Cornell community are invited to attend.

First Week of Classes to Be On a Day-Late Schedule

The decision to eliminate classes on Labor Day at the university has resulted in a new schedule for the first week of classes this year.

In the first week of classes, schedules will be set back one day: Classes normally scheduled for Monday will be held at the same hours on Tuesday; Tuesday classes will be shifted to Wednesday, etc., with Friday classes shifted to Saturday. Classes and laboratories normally scheduled for Saturday may be cancelled or rescheduled at the discretion of the instructor during the first week.

Saturday is the Jewish Sabbath. University policy states: that "It is the intent of

the university that students missing classes due to the observance of religious holidays be given ample time to make up the work."

Another element of possible confusion for faculty members scheduling first-term classes is that last year's Cornell Calendar shows the academic calendar for this year to include a full week Thanksgiving vacation and no fall break. Since the calendar was published, the schedule has changed to include a fall break on Monday and Tuesday, Oct. 13 and 14, and the usual Wednesday noon start for the Thanksgiving weekend.

New Single-Card System Will Begin

Improvement Phased In Over 3 Years

The lives of Cornell freshmen, rejoining and transfer students will be made easier, and their wallets lighter, through the introduction this fall of a new single card system, according to William D. Jones, assistant treasurer.

The new card will replace the student I.D., CORNELLCARD, the Dining Coop card and a card used by health services.

"The card will be phased in over

the next three years," Jones said. "We have one process for new, rejoining and transfer students in Lynah Rink. Photos will be taken and the cards will be issued on the spot."

Continuing students will use the various cards they now have until they sign up for a new dining program or need to have a lost, stolen or worn out I.D. card replaced, at which time they will be issued the

new card.

Under the present system Cornell issues approximately 22,000 cards each year. The new system is expected to cut the number in half, according to Jones.

The "all in one" card will serve a range of purposes both on and off campus such as the use of the libraries, services at Gannett Clinic and discounts at athletic events. In the Ithaca area it will make it

easier to cash checks and to provide proof of age.

The cards will also be used for Coop Dining and as a charge card (CORNELLCARD) when a student elects to participate in either or both of these programs.

Cards will be issued in Lynah Rink on the following schedule:

New students (freshmen, transfers and graduate) and rejoining Coop Dining students should

report to Lynah on Sunday, Aug. 24, 9 a.m. to 5 p.m.; Monday, Aug. 25, 8:15 a.m. to 7 p.m.; Tuesday, Aug. 26, 8:15 a.m. to 6 p.m., or Wednesday, Aug. 27, 8:15 a.m. to 4:30 p.m.

Continuing students who have to replace a lost, stolen or worn-out card should report to Lynah on Thursday or Friday, Aug. 28, 29, 8:15 a.m. to 4:30 p.m. All other continuing students will have old cards revalidated at registration.

Two Health Insurance Plans Offered to Students

All full-time registered students and those registered in absentia are offered two health insurance plans at the university.

The Prepaid Health Plan, the cost of which is included in their tuition charges, covers use of Gannett Health Center only. The Accident and Health Insurance Plan is for hospital, medical and outpatient services not available at Gannett. The cost for this 12-month plan is \$103.50 and includes a \$20,000 major medical benefit.

All eligible students will be automatically enrolled in the Student Accident and Health Insurance Plan, unless they sign the waiver form which was sent with the August Bursar bill. In order to cancel the insurance coverage and eliminate the charge from the Bursar account, the form must be signed and returned no later than Sept. 26. If the waiver is signed, it means that the student accepts responsibility for his or her medical costs.

Married students who are enrolled in the Accident and Sickness Insurance may also enroll their spouses and children. The premium cost for spouses will be either \$291

or \$364, depending on whether or not they are enrolled in the Gannett Health Center Prepaid Health Plan. The premium cost for children is \$106.

To be eligible for the reduced insurance premium, a spouse must enroll in the Prepaid Health Plan for a minimum of nine months. The cost for this is \$108. The spouse would then have the same privileges at Gannett Health Center as the registered student. Spouses enrolled in the Prepaid Health Plan must utilize Gannett before seeking services elsewhere.

Enrollment forms can be obtained by contacting the Student Insurance Representative at Barton Hall during registration or at Gannett Health Center after registration. Coverage will become effective on the date of receipt, but not prior to Aug. 28, of the enrollment card and premium payment. No enrollment cards or premium payments will be accepted after Oct. 1.

For further details, contact the Student Insurance Representative at Gannett Health Center or call 256-6363.

Baker Dorms in Process of Renovation

Students moving into Baker Dorm on Sunday may find it somewhat challenging. The building is undergoing some renovations.

The renovations, which are part of a \$1.8 million major renovation improvement project, were started this summer, according to William P. Paleen, director of residence life.

The program, which is being phased in over the next two summers, includes replacing antiquated plumbing and heating systems and life safety improvements effecting 176 student spaces within the North Baker/Boldt/Boldt Tower complex. "We regret the fact that the people living in Baker will be incon-

venienced during the first few weeks of the semester," Paleen said. "The renovations have to be done in the summer because the residence halls are empty and the amount of work makes it necessary to finish the project after students have returned."

Some Dining Details

The following is a list of cash dining services by unit. The hours will be in effect beginning the first day of classes, Tuesday, Sept. 2.

	Sun.	Mon.-Thur.	Fri.	Sat.
Ivy Room (WSH)	9 a.m.-10 p.m.	7:15 a.m.-10 p.m.	7:15 a.m.-7:30 p.m.	9 a.m.-7:30 p.m.
Sage	closed	11 a.m.-7:30 p.m.	11 a.m.-7:30 p.m.	closed
Pancake House	9 a.m.-10 p.m.	8 a.m.-10 p.m.	8 a.m.-midnight	9 a.m.-midnight
Pickup Store	10:30 a.m.-midnight	9 a.m.-midnight	9 a.m.-midnight	10:30 a.m.-midnight

DINING REGISTRATION AND SERVICES

Hours of Registration for Co-op Dining, Lynah Rink
 Sunday, Aug. 24 9 a.m.-5 p.m.
 Monday-Friday, Aug. 25-29 8 a.m.-5 p.m.
 Beginning Monday, Sept. 2 8 a.m.-5 p.m.
 (233 Day Hall)

Beginning of Co-op Dining Service by Unit

Willard Straight Hall	Sun., Aug. 24, 11:15 a.m.	Sage House	Mon., Aug. 25, 11:15 a.m.
Noyes Center Dining	Sun., Aug. 24, 11:30 a.m.	Balch Hall Coop 2000	Mon., Aug. 25, 11:30 a.m.
North Campus Union	Sun., Aug. 24, 11:30 a.m.	Risley Dining	Mon., Aug. 25, 11:30 a.m.

Grad Student Orientation To Focus on Community

Getting to know Ithaca as well as the Cornell campus will be the focus of the 1980-81 graduate student orientation, according to Arjun Divecha, graduate program assistant. A wide range of activities are planned to appeal to the diverse groups making up the graduate student body, including single and married students, on- and off-campus students and foreign students.

While the graduate student body is a diverse group, married students—especially if they have children—share a lot in common, Divecha

said. An orientation on job hunting for spouses will be held from 7:30 to 9:30 p.m. Friday, Aug. 22, in the Brown Center, Hasbrouck Apartments. There will also be an orientation to child care services from 7:30 to 9:30 p.m. Wednesday, Aug. 27, in the Brown Center, which will be the central meeting place during the academic year for married students.

A full calendar of events scheduled for orientation week is available at Sage Hall.

Cornell Chronicle

Editor, Randall E. Shew. Staff writers, H. Roger Segelken, Robert W. Smith, Barbara Jordan-Smith, Martin B. Stiles. Photographers, Sol Goldberg, Russ Hamilton. Circulation Manager, Joanne Hanavan.

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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, 440 Day Hall. Cornell is an affirmative action employer.

Administrative/Professional
 Manager, Personnel Systems, CPO6 (Personnel Services)
 Purchasing Agent, CPO4 (Dining Services)
 Applications Programmer, CPO4 (Endowed Accounting)
 Research Support Specialist, CPO4 (Entomology)
 Asst. Lacrosse Coach, CPO4 (Physical Education & Ath.)
 Administrative Supervisor, CPO3 (COSEP)
 Research Support Specialist, CPO2 (Entomology)

Clerical
 Administrative Aide, GR22 (Human Ecology, Records and Scheduling)
 Administrative Aide, GR21 (DCS-Administration)
 Administrative Aide, GR20 (German Literature)
 Secretary, GR20 (Dining)
 Office Assistant, GR18 (Graduate School)
 Secretary, GR17 (Economics)
 Secretary, GR17 (Poultry Science)
 Library Aide, GR17 (Univ. Libs.,-Circ./Qlin)
 Secretary, GR16 (Plant Breeding & Biometry)
 Office Assistant, GR16 (Dining Services)
 Office Assistant, GR16 (Univ. Health

Services
 Service & Maintenance
 Cook, GR22 (Dining Services)
 Short Order Cook, GR18 (Dining Services)
 Material Handler, GR18 (Dining Services)
 Food Service Worker, GR17 (Dining Services)
 Dish Machine Operator, GR16 (Dining Services)
 Custodian, GR16 (Varied)
 Cashier, GR15 (Dining Services)
 Line Server, GR14 (Dining Services)
 Door Checker, GR14 (Dining Services)
 Senior Exp. Machinist, GR24 (LASSP)
 Administrative Aide, GR22 (Statler Inn)
 Utility Plant Operator, GR19 (NYS Agr. Exp. Station, Geneva)
 Material Handler, GR18 (Campus Store)
 Delivery Driver, GR17 (Food Service)
 Audio-Visual Aide, GR16 (University Libraries-Uri)
 Sales Assistant, GR15 (Campus Store)
 Office Assistant, GR15 (Campus Store)
 Kitchen Helper, NP5 (Food Science)
Technical
 Electronics Technician, GR24 (Technical Services Facility)
 Lab. Equipment Tech., GR24 (Mat. Sci. & Engr.)
 Technician, GR24 (Animal Science)
 Electronics Technician, GR22-26 (Lab. of Nuclear Studies)
 Technician, GR22 (Plant Breeding & Biometry)

Technician, GR22 (Biochemistry)
 Technician, GR21 (Vet. Microbiology)
 Technician, GR19 (Agronomy)
 Technician, GR19 (Psychology)
 Technician, GR18 (Poultry & Avian Science)
Part-time and/or Temporary
 News Reporter, U000 (WHCU Radio)
 Personnel Assistant, GR21 (V.P. Research)
 Research Aide, GR21 (Psychology)
 Audio Visual Technician, GR20 (Hotel Administration)
 Research Aide, GR20 (Agricultural Engineering)
 Secretary, GR18 (Chemistry)
 Sales Assistant, GR17 (Chemistry)
 Office Assistant, GR17 (Coop. Ext. Administration)
 Secretary, GR17 (Performing Arts Council Office/Arts & Sci. Dean's Office)
 Office Assistant, GR16 (Registrar's Office., Arch., Art, and Planning)
 Secretary, GR16 (Psychology)
 Temporary Secretary (Communication Arts)
 Temporary Technician (Pomology)
Academic
 Assistant Professor (Analytical or Theoretical Chem.)
 Faculty Position (Inorganic or Organometallic Chem.)
 Res. Assoc. I (Chemistry)
 Ext. Assoc. IV (half-time) (NYSSILR)
 Ext. Assoc. I (Johnson Museum)
 Asst. Librarian (NYSSILR)
 Senior Asst. Librarian (Univ. Libraries)



Some faces from Orientations past reflect the range of emotions at this time in the students' lives.

Orientation: Answering Questions

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Bailey Hall, Richard Polenberg, professor of history, will give a lecture, "The 1980 Election: A Historical Perspective."
"The Computer: Idiot Savant or Wunderkind?" will be the title of a lecture to be given by Tim Teitelbaum, senior lecturer in computer science, at 4 p.m. Thursday, Aug. 28, in 202 Uris Hall.
On the lighter side of orientation will be the new student off-beat olympics, a barbecue bash and Cornell Night all scheduled for Tuesday. On Thursday evening there will be a bonfire featuring entertainment by Cayuga's Waiters.
The traditional "Furr in the Sun

Carnival," will be held on the Arts Quad on Saturday, Aug. 1, beginning at 1 p.m. Many campus organizations will have booths set up and there will be a craft fair, bands, food and beverages.
Other events which have been scheduled throughout the week include dorm meetings, individual college meetings, programs designed for COSEP students, religious services, various advanced placement examinations.
New students are also encouraged to attend the various events listed in the program under "Beyond Orientation Week." These include a Time-Management Workshop, a variety of cultural activities, a

student-faculty weekend retreat and a student activities fair. The fair, scheduled for 11 a.m. to 2 p.m. Sept. 8 and 9 in the Memorial Room of Willard Straight Hall, offers new students an opportunity to learn about many student organizations and sign up for those in which they would like to participate.
University registration begins at 8 a.m. Thursday, Aug. 28, and I.D. pictures will be taken in Lynah Rink throughout the week.
For those who forgot to bring their Orientation schedule with them, copies may be obtained at the Information and Referral Center.

Temporary Housing Expected for 150

The 1980 immigration of freshmen to Cornell will start when the residence halls open at 9 a.m. Sunday, Aug. 24.
In 1868, most members of the first class came with one suitcase. Today, most arrive with a U-Haul packed with everything except the dust from their rooms.
Cornell, too, has changed significantly since students were first admitted. One change some members of the Class of '84 will notice immediately is housing.
The Department of Residence Life plans to house approximately 150 students, mostly freshmen, in temporary accommodations before permanent on-campus housing is found for them, according to William P. Paleen, director of residence life.
"Since permanent housing assignments for freshmen are made in the order in which housing applications are received, some applicants who filed more recently could not be placed immediately," Paleen said.
"The number of students offered temporary assignments does not reflect the housing shortage at Cornell—it's the number of students we expect we can assign to regular spaces within university residences early in the semester," he said.
Since the fall opening attrition rate has been fairly constant over the past several years, the university can estimate that each year there will be about 150 spaces vacated by returning upperclass students or freshmen who decide to drop out of school or who request contract releases to live in private housing.
While most students in temporary housing will be offered a permanent assignment within a couple of weeks, Paleen said, some permanent housing assignments, especially for men, will take longer.
"More freshmen than anticipated accepted admission this year and

applied to live on campus," Paleen said. "Space is planned for women and men in advance. This year we have an unusually high remaining demand for space from freshmen men."
"Many students prefer to stay in the same area where they have been temporarily assigned, since they've made friends and feel comfortable there," he said. "This also tends to slow the process of permanently placing some students."
The university's temporary housing accommodations have confused students annually. Part of the problem, said Paleen, is that the temporary housing situation has been incorrectly interpreted by some as reflective of the overall housing shortage at Cornell.
"There is a student housing shortage; the demand for space by students exceeds what we have available, but those people who cannot be accommodated were notified earlier in the summer that they will not have space on campus," Paleen explained.
All freshmen, no matter how late their housing application was filed, are eventually offered a permanent on-campus room.
One arrangement for temporary housing places six students in one study lounge. Dressers, desks and a phone are also provided. Others are assigned as a third person in a room usually occupied by two students.
Another source of confusion, Paleen believes, is a lack of understanding of what "transient housing" is and how it differs from temporary housing.
Transient housing is available in Clara Dickson Hall for upperclass students who cannot be accommodated on campus and who are looking for housing in the community.
"Transient housing is just an ex-

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Cornell University Libraries

Schedule of Hours*
Fall Semester - **September 2, 1980 through December 22, 1980 ***

LIBRARY	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Africana Studies	10A-8P	10A-8P	10A-8P	10A-8P	10A-5P	Closed	5P-8P
B & PA	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	9A-5P	12N-12 Mid.
Engineering #	8A-11P	8A-11P	8A-11P	8A-11P	8A-6P	9A-5P	1P-11P
Entomology	9A-5P	9A-5P	9A-5P	9A-5P	9A-5P	10A-5P	Closed
Fine Arts	7P-10P	7P-10P	7P-10P	7P-10P	9A-5P	10A-5P	Closed
Hotel * #	8A-11P	8A-11P	8A-11P	8A-11P	8A-10P	9A-5P	1P-11P
I & LR	8A-11P	8A-11P	8A-11P	8A-11P	8A-5P	12N-4P	1P-11P
Law #	8A-11P	8A-11P	8A-11P	8A-11P	8A-5P	12N-4P	1P-11P
Mann	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	9A-5P	12N-12 Mid.
Mathematics	8A-11P	8A-11P	8A-11P	8A-11P	8A-10P	9A-5P	1P-11P **
Music	8A-11P	8A-11P	8A-11P	8A-11P	8A-10P	9A-5P	1P-11P **
Olin ##	9A-11P	9A-11P	9A-11P	9A-11P	9A-5P	12N-5P	2P-11P
Physical Sciences	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-10P	9A-10P	1P-12 Mid.
Uris #	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.
Veterinary	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-12 Mid.	8A-10P	9A-10P	12N-12 Mid.
	8A-11P	8A-11P	8A-11P	8A-11P	8A-5P	9A-5P	2P-11P

* Except for vacation & recess periods when special schedules will be issued. October break schedule on other side of this sheet.
**Labor Day, Sept. 1: All libraries closed except Law and Physical Sciences.
***The last day of this schedule may vary with changes in the schedule of final examinations.
Mann Reserve Desk only open at 11A on Sundays.

Hours will vary during study and examination week. Changes will be posted.
No paging at Olin after 6P on Saturdays.



Bus Routes

Two new on-campus bus routes have been added to the regular AB runs this year. All bus service is Monday through Friday.

Beginning Monday, Aug. 25, a B Lot - Collegetown route will serve the large number of Cornell community members who travel to the Law School, the Engineering College, Central Avenue facilities, and Collegetown; a B-Lot-West Campus route will begin operations on Tuesday, Sept. 2.

Also beginning Monday, Aug. 25, the bus fare will increase to 20¢ exact change per ride.

Buses on the B Lot - Collegetown route will leave simultaneously from B Lot and Sheldon Court in Collegetown at 15-minute intervals during peak hours: mornings from 7:30 a.m. to 10 a.m., then noon to 2

p.m. and from 4 p.m. to 6 p.m. Stops will be made at Statler, Anabel Taylor/Carpenter Hall, and Sheldon Court in Collegetown in addition to the regular Tower Road and B Lot stops.

Students in West Campus dormitories will have access to bus service between 7:50 a.m. and 9:50 a.m. when the major portion of students are en route to class. The B Lot - West Campus route will leave from Baker Flagpole at 20-minute intervals and travel to the B Lot via stops at Sibley/Rand, Stimson Hall, and along Tower Road.

The Blue Light Special evening service will operate free to community members evenings between 6:30 p.m. and 12:15 a.m. from the Dairy Bar to A Lot.



Campus Club

The Campus Club International Hospitality Committee is seeking volunteers to become host families for the university's international students.

The program, according to Robert Locke, foreign student adviser, involves single people or families sharing dinners, day-trips or holiday festivities with foreign students.

For further information or to volunteer, contact Cheryl Eiklor, 200 Barnes Hall, 256-5243.

Library Tours

A series of guided tours of Uris and Olin Libraries for undergraduate students will be conducted Aug. 27 to Sept. 5. There will be tours starting at 10:30 a.m. on Aug. 27 and 29 and Sept. 2 and 5. Other tours will start at 2:30 p.m. on Aug. 28, Sept. 3 and Sept. 4. They will begin in the main lobby of Uris Library.

Parking Permits

Student motor vehicle registration and the sale of parking permits and bus passes will be conducted in Barton Hall on Thursday, Aug. 28 and Friday, Aug. 29.

All motor vehicles, including motorcycles and mopeds, owned or operated by a student must be registered annually with the Traffic Bureau. There is no fee for motor vehicle registration; however, a registration sticker is not a parking permit.

Commuting students (living more than one and one-half air miles from the center of campus) may purchase academic year (nine-month) parking permits for the A Lot (\$36) or Kite Hill (\$54).

Residents of campus housing units may purchase dormitory area permits (\$63) or Family Housing permits (\$10 first vehicle; \$84 each additional vehicle). Student bus passes cost \$38 per academic year or \$12 with an A parking permit.

Students who will hold positions

in 1980-81 as research assistants or teaching assistants (graduate or undergraduate) may register their vehicles and buy parking permits on Monday, Aug. 25 and Tuesday, Aug. 26, at the Traffic Bureau between 8 a.m. and 4 p.m.

Commuting TAs and RAs must live outside the one and one-half mile radius of central campus to qualify for this early processing.

Students living within the mile and a half radius of central campus and all other Cornell community members may purchase parking permits for any area in which space is available after Oct. 1, for the 1980-81 academic year.

Students interested in ridesharing may fill out information forms at the Traffic Bureau table in Barton Hall at Registration.

Persons with special transportation needs or questions should contact the Traffic Bureau, 115 Wait Ave., 256-4600.

Special Office Hours for Registration

Registrar's Office, 222 Day Hall, 256-4232

Thur., 8/28, Fri., 8/29: Closed

Mon., 9/1: Closed

Tue., 9/2: 8 a.m.-4:30 p.m.

Student Health Insurance, Gannett Clinic, 256-6363

Thur. 8/28, Fri. 8/29: 8 a.m.-4:30 p.m.

Mon. 9/1: Closed

Tue., 9/2: 8 a.m.-4:30 p.m.

Traffic Bureau, 115 Wait Ave., 256-4600

Thur., 8/28, Fri., 8/29, Mon., 9/1: Closed

Tue. 9/2: 7:45 a.m.-5 p.m.

Cashier and Bursar's Offices, 260 Day Hall

Sun. 8/24: 11 a.m.-3 p.m. Student payments only

Thur. 8/28, Fri., 8/29: 8 a.m.-4:30 p.m. Student payments only

Mon. 9/1: Closed

Tue., 9/2: 8 a.m.-4:30 p.m.

Switchboard, 256-3305

Sun. 8/24: 9 a.m.-8 p.m.

Mon.-Fri., 8/25-8/29: 8 a.m.-9 p.m.

Sat.-Mon., 8/30-9/1: 9 a.m.-5 p.m.

Tue., 9/2: 8 a.m.-9 p.m.

Wed. 9/3: 8 a.m.-7:30 p.m.

COSEP, 100 Barnes Hall, 256-3841

Thur. 8/28, Fri., 8/29: 8:30 a.m.-5:30 p.m.

Mon., 9/1: Closed

Tue., 9/2: 8:30 a.m.-5:30 p.m.

Dean of Students, 103 Barnes Hall, 256-4221

Thur. 8/28, Fri., 8/29: 8 a.m.-5 p.m.

Sat., Sun., 8/30, 8/31: Closed

Mon. 9/1: 9 a.m.-3 p.m.

Tue. 9/2: 8 a.m.-5 p.m.

Financial Aid, 203 Day Hall, 256-5145

Thur. 8/28, Fri. 8/29: 8 a.m.-4:30 p.m.

Mon. 9/1: Closed

Tue., 9/2: 8 a.m.-4:30 p.m.

Health Services, Gannett, 256-4082

Thur., 8/28, Fri., 8/29: 8:30 a.m.-5 p.m.

Sat., 8/30: 8:30 a.m.-noon

Sun., 8/31, Mon., 9/1: Closed

In case of emergency, 256-1111.

Tue., 9/2: 8:30 a.m.-5 p.m.

Information & Referral Center, Day Hall Lobby, 256-6200

Sun.-Fri., 8/24-8/29: 8 a.m.-9 p.m.

Sat., Sun., 8/30, 8/31: 9 a.m.-5 p.m.

Mon.-Wed., 9/1-9/3: 8 a.m.-9 p.m.

International Students Office, 200 Barnes Hall, 256-5243

Thur. 8/28, Fri., 8/29: 8:30 a.m.-4:30 p.m.

Mon., 9/1, Tue., 9/2: 8:30 a.m.-4:30 p.m.

Off-Campus Housing, until 8/31, International Student Lounge,

Willard Straight Hall, 256-2314: after 8/31, 103 Barnes Hall,

256-5373

Mon.-Fri.: 9 a.m.-6:30 p.m. temporary until 8/31

Sat.-Sun.: 9 a.m.-4 p.m. temporary until 8/31

People

Ian R. Stewart has been appointed associate dean of the College of Architecture, Art and Planning effective as of July 1. Stewart has been a member of the Department of City and Regional Planning for the past 10 years. From 1977-1979, he was a long-range planning consultant to the university administration and a member of the provost's staff. In announcing the appointment, Dean Jason Seley said, "I am very pleased to have Professor Stewart accept this assignment. His strong administrative and leadership skills are most welcome and I look forward to working closely with him."

Francine A. Herman has been elected associate professor with tenure in the School of Hotel Administration. A specialist in oral communication and labor-management relations, Herman joined the hotel school faculty in 1974 as a senior lecturer, after nearly 30 years experience in the advertising and public relations field in the Ithaca area, New York City and Hartford, Conn. She was promoted to associate professor without tenure in 1977. She received a master's degree from the New York State School of Industrial and Labor Relations in 1973.

Gary J. Simson a specialist in constitutional law and conflict of laws, has been elected professor of law, effective July 1. While on the faculty at the University of Texas, Simson was a visiting professor at the Cornell Law School during the 1979-80 academic year. He received a B.A. degree in 1971 from Yale College and a J.D. degree from Yale Law School in 1974.

Wesley W. Gunkel, professor of agricultural engineering, has been elected a Fellow of the American Society of Agricultural Engineers. Gunkel was recognized for his professional distinction and contributions to the field of agricultural engineering. He was one of nine so honored by the society this year. The organization has 8,700 members in 50 states and 90 foreign countries; in addition, it has 2,000 student members.

Jeffrey Warren Roberts has been elected associate professor in the section of biochemistry, molecular and cell biology at Cornell University, effective July 1. Roberts teaches courses in molecular biology of viruses, and in lysogenic induction. Recently, he helped develop an advanced course in biosynthesis of proteins and nucleic acids for the New York State College of Agriculture and Life Sciences. He is prominent in the fields of biochemical genetics and molecular biology. He received his bachelor's degree from the University of Texas and his Ph.D. from Harvard University. He was a National Science Foundation postdoctoral fellow at the MRC Laboratory of Molecular Biology in Cambridge, England, and a junior and then research fellow in biochemistry at Harvard before coming to Cornell in 1974.

Robert D. Sweet has been reelected chairman of the department of vegetable crops in the New York State College of Agriculture and Life Sciences. Sweet's appointment is for two years, through June 30, 1982. He has just completed a five-year term

as chairman of the department. A specialist in weed control, Sweet has been a member of the Cornell faculty since 1940. His principal research interest has been in chemical and biological weed control for a wide range of vegetable crops, and results of his work are used widely by growers.

Sidney Saltzman has been named chairman of the Department of City and Regional Planning in the College of Architecture, Art and Planning for a second term. The department was newly established in 1975 by combining two other departments in the college: the Departments of Policy Planning and Regional Analysis and of Urban Planning and Development. Saltzman's initial appointment was for a five-year term and his reappointment is for a three-year term. However, Saltzman is on sabbatic leave now through June of 1981 and in his absence Stanislaw Czamanski, a professor in the department and member of the Cornell faculty since 1966, is serving as acting chairman. A member of the Cornell faculty since 1963, Saltzman was chairman of the Department of Policy Planning and Regional Analysis in 1974-75.

Richard E. McCarty has been appointed chairman of the Section of Biochemistry, Molecular and Cell Biology in the Division of Biological Sciences. An internationally-recognized researcher in the field of plant biochemistry, McCarty has served since January 1980 as associate chairman of the section and succeeds Stuart J. Edelstein. McCarty received his Ph.D. from Johns Hopkins University in 1964 and joined the Cornell faculty as an assistant professor in 1966. In 1977, he was named professor of biochemistry, molecular and cell biology.

A. Neal Geller, a member of the School of Hotel Administration faculty at Cornell since 1973, has been elected associate professor with tenure, effective July 1. A specialist in financial management in the hospitality industry, Geller was graduated from the hotel school in 1964 with a bachelor of science degree and earned a master of business administration degree from Cornell



Mirian B. Hutchins was appointed Judicial Administrator, effective July 10. Her appointment was made by President Frank Rhodes, subject to ratification by the Campus Council. As Judicial Administrator, Hutchins is the key person in the university's judicial system which covers all members of the Cornell community. Her office is located in 431 Day Hall, telephone 256-4680.

in 1974. He received a doctorate in accounting from Syracuse University in 1977. From 1964 until 1972, Geller worked for the Granit Hotel, Inc., in Kerhonkson, serving as assistant manager in 1964-66; vice president and general manager, 1966-69; treasurer and director, 1969-72. He was a lecturer at the hotel school until 1976 when he was promoted to associate professor.

Fu-Wen Liu and **Warren Cryder Stiles**, both of the Department of Pomology at the State College of Agriculture and Life Sciences, have been elected associate professors, with tenure. Liu works in the area of fruit postharvest physiology; his research focuses on improving handling and storage methods of fruits with particular emphasis on studies of ethylene physiology and ripening.

Stiles' expertise is in the areas of root-stock/cultivar, fruit maturity studies, trellis planting, growth regulator studies, storage studies of fruits, and tree nutrition. His Cooperative Extension program has focused on providing services directly to commercial orchardists on all phases of fruit production and post-harvest handling.

Joe M. Regenstein has been promoted to the rank of associate professor of food science with indefinite tenure. Regenstein, who has been teaching in the department of poultry and avian sciences in the State College of Agriculture and Life Sciences since 1974, is considered an authority in muscle protein biochemistry in poultry, eggs, and fish meat. He teaches physical, food, and food protein chemistry, and is developing a new course in meat, poultry, and seafood science and technology.

John H. Pedersen, a 1951 graduate of the New York State College of Agriculture and Life Sciences at Cornell, has received the 1980 Metal Building Manufacturers Association Award made annually by the American Society of Agricultural Engineers. Currently a full professor at Iowa State University, Ames, Pedersen is manager of Midwest Plan Service there. The award is for advancing the knowledge and sciences of farm buildings.

Francis C. Moon has been elected chairman of the Department of Theoretical and Applied Mechanics for a five-year term beginning July 1. He succeeds Yih-Hsing Pao. An associate professor, Moon has been a member of the College of Engineering faculty since 1975. His research has focused on the mechanics of magnetic devices, including high speed levitated trains, and magnets for fusion reactors. He came to Cornell from Princeton University, where he was assistant professor and research engineer in the Department of Aerospace and Mechanical Sciences.

W. Barlow Ware, associate director in the Office of University Development, received Boy Scouting's highest honor, the Silver Bear Award, from the Baden-Powell Council this summer. Ware began his scouting service in 1965. Since then he has held a number of positions, including council president. He has been active in the Tompkins County United Way, currently serving as its president. He previously served as United Way chairman and vice chairman. Ware is a former senior wardman and vestryman of St. John's Episcopal Church. He is a 1947 graduate of the New York State College of Agriculture and Life Sciences at Cornell.

Off-Campus Housing Help Is Available

Continued from Page 3

pedient to provide these students time to find permanent housing off campus. There is no commitment on the university's part to place these students in university housing," Paleen explained.

However, the university does offer a free off-campus housing listing service to its students, according to Neff Casaburri, coordinator for off-campus students.

The Off-Campus Housing Office maintains large and current listings of available rooms, apartments, houses and mobile homes, all subdivided by area and type of rental unit. All listings are submitted voluntarily by landlords or by students looking for roommates. However, the university does not inspect each listing but will not list anything in the City of Ithaca that does not meet the Housing Code Regulations,

Casaburri said.

The off-campus housing listing service will be located in the International Student Lounge, Willard Straight Hall through Sunday, Aug. 31. It is open 9 a.m.-6:30 p.m. Monday through Friday and 9 a.m.-4 p.m. Saturday and Sunday, telephone 256-2314. Staff members are

available to answer questions and provide assistance and a telephone is provided for contacting landlords.

After Aug. 31, the service will be located at 103 Barnes Hall, telephone 256-5373.

The Department of Residence Life is located in North Balch Hall, telephone 256-5511.

Registration Now a Smooth Process

Continued from Page 1

Veterinary Medicine; 1-4:30 p.m.: students in the College of Architecture, Art and Planning.

Registration will be closed from 11:30 a.m. to 1 p.m. each day for lunch.

The course exchange will be held at Barton Hall from 8:15 a.m. to noon, Saturday, Aug. 30. Those col-

leges participating will be Agriculture and Life Sciences, Arts and Sciences and Industrial and Labor Relations. Students are urged to register at their scheduled times and dates in order to take advantage of the course exchange. Admittance will be by ticket only.

Late registration will be held in Barton Hall from 8:30 a.m. to 4 p.m.

Tuesday, Sept. 2, through Friday, Sept. 5. A late processing fee of \$25 will be assessed.

A "release of information" space is provided at the bottom of the registration material. Those students who do not want the university to release their address and telephone number must place an "X" in the box provided.

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

Registration for Extramural Courses will be held from 8:30 a.m. to 4:30 p.m. Tuesday, Sept. 2, and Wednesday, Sept. 3, in Barton Hall.

Dance

Saturday
September 6, 8:30 p.m. *Straight Memorial Room. Cornell Contra Dance Club and Cornell Outing Club Square Dance. All welcome.

Exhibits

Odds and ends including various forms of money systems used at the George Junior Republic in Freeville since its beginnings in the 1890s are part of an exhibit titled "Ephemera from the William Reuben (Daddy) George Collection," now on display through September.

The exhibit is open to the general public in the reading room of the Department of Manuscripts and University Archives on the first floor of Olin Library.

The first panel illustrates George's own faith; the second, the optimism of the "Progressive Era," and the third, the Republic's belief in the effectiveness of the young citizen's participation in work and government. Since tangible rewards and punishments were and are an essential part of the program of the Republic, special emphasis has been put on its different money systems.

The exhibit was prepared by Frances M. Keefe who wrote her doctoral thesis at Cornell on the George Junior Republic and Barbara Shepherd, who retired from the archives staff in 1976.

George, who was affectionately known as "Daddy," founded the Republic in 1895 on the concept of "Nothing Without Labor." According to the introduction to "The William R. George & George Junior Republic Papers," now in the Cornell archives, the Republic liberated youth (ages 16-21) from the confining city slums and introduced them to the concepts of self-government and individualism in a rural setting.

George was born in 1866 and died in 1936. His ideas received considerable acclaim and have been applied worldwide.

Herbert F. Johnson Museum "Permanent Collection." African art; American portraits and figure painting; Asian art; European bronzes; French 19th century painting; Tiffany Favre Art Nouveau glass; 20th century abstract painting, an abstract prints. Museum hours: Tuesday-Sunday, 10 a.m. to 5 p.m. The museum will be open Monday, August 25, 10 a.m. to 5 p.m.

Olin Library "The Viking World: the ships they sailed, the lands they conquered, how they lived and what they believed." The exhibit marks the 75th anniversary of the Fiske Icelandic Collection. August 13-December 31.

Sibley Dome Gallery "Photography" Eve Cohen, Vern Williams. September 1-14. "Architecture," Bernd Muller.

Franklin Gallery Student Drawing and Painting. September 1-19.

Films

Except where noted films are under sponsorship of Cornell Cinema.

Wednesday
August 27, 8 p.m. *Uris Hall Auditorium. "Bonjour Tristesse" (1957),

directed by Otto Preminger, with Jean Seberg, Deborah Kerr, David Niven.

Thursday
August 28, 8 p.m. *Uris Hall Auditorium. "Anatomy of a Murder" (1959), directed by Otto Preminger, with James Stewart, Lee Remick, Ben Gazzara. Co-sponsored by the Law School and introduced by Professor Irving Younger.

Friday
August 29, 7:30 p.m. *Uris Hall Auditorium. Alfred Hitchcock double feature: "Foreign Correspondent" (1940), directed by Sir Alfred Hitchcock, with Joel McCrae, Herbert Marshall, George Sanders. "Spellbound" (1945), directed by Sir Alfred Hitchcock, with Gregory Peck, Ingrid Bergman.

Friday & Saturday
August 29 & 30, 12 midnight *Uris Hall Auditorium. "Reefer Madness" (1936), directed by Louis Gasnier, with Dave O'Brien.

Saturday
August 30, 7:30 & 9:45 p.m. *Uris Hall Auditorium. "Annie Hall" (1977), directed by Woody Allen, with Woody Allen, Diane Keaton.

Sunday
August 31, 8 p.m. *Uris Hall Auditorium. "An American in Paris" (1951), directed by Vincente Minnelli, with Gene Kelly, Leslie Caron.

Monday
September 1, 8 p.m. *Uris Hall Auditorium. "Citizen Kane" (1941), directed by Orson Welles, with Orson Welles, Joseph Cotton. Special Free show co-sponsored by Film Club and Orientation Committee.

Tuesday
September 2, 8 p.m. *Uris Hall Auditorium. "The Decameron" (1972), directed by Pier Paolo Pasolini, with Franco Citti, Ninetto Davoli.

Wednesday
September 3, 4:30 p.m. Uris Hall Auditorium. "I Was Born, But..." Ozu, 1932. China-Japan Program Series. Free and open to the community.

September 3, 8 p.m. *Uris Hall Auditorium. "The LeftHanded Gun" (1958), directed by Arthur Penn, with Paul Newman, Lita Milan, John Dehner.

Thursday
September 4, 8 p.m. Uris Hall Auditorium. "Lucia", directed by Humberto Solas. Free and open to the community. CUSLAR Film Series.

Friday
September 5, 9:45 p.m. *Uris Hall Auditorium. "Best Boy" (1979), directed by Ira Wohl.

Friday & Saturday
September 5 & 6, 7:30 p.m. *Statler Auditorium. "The Seduction of Joe Tynan" (1979), directed by Jerry Schatzberg, with Alan Alda, Meryl Streep, Melvyn Douglas, Barbara Harris.

September 5 & 6, 9:45 p.m. *Statler Auditorium. "Richard Pryor-Live in Concert," directed by Jeff Margolis, with Richard Pryor.

September 5 & 6, 12 midnight *Uris Hall Auditorium. "Animal Crackers" (1930), directed by Victor Heerman, with the Marx Brothers, Margaret Dumont, Lillian Roth.

Saturday
September 6, 7:30 & 9:45 p.m. *Uris Hall Auditorium. "Best Boy" (1979), directed by Ira Wohl.

Sunday
September 7, 8 p.m. *Uris Hall Auditorium. "Dodsworth" (1936), directed by William Wyler, with Walter Huston, Ruth Chatterton, Mary Astor.

Intramural Sports

Intramural Tennis - Doubles (Men, Women)

Deadline on entries is Thursday, September 4 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. Minimum of 2 to enter. Additional information available in the Intramural Office. Single elimination tournament.

Intramural Touch Football - (Men, Women)
Deadline on entries is Thursday, September 4 at 4 p.m. in the Intramural Office, Grumman Squash Courts Building. Minimum of 12 to enter. Play starts



"Snow, 1973," a color lithograph and silkscreen by David Hockney, is part of the permanent collection on view at the Herbert F. Johnson Museum of Art. "Snow, 1973," was purchased through the museum's Membership Purchase Fund. Museum hours are Tuesday through Sunday, 10 a.m. to 5 p.m. The museum will also be open 10 a.m. to 5 p.m. Monday, August 25.

Monday, September 15 on Jessup Field. Playing days to be determined. In the event that the playing days are Monday through Friday, please specify your preferred day of play: 1st, 2nd, 3rd choice when entering. If games are scheduled on Saturday and/or Sunday, you will not have a choice.

Lectures

Wednesday
August 27, 8 p.m. Bailey Hall. "The 1980 Election: A Historical Perspective," Richard Polenber, History, Cornell. Orientation Steering Committee.

Meetings

Every Thursday, 7:30 a.m. Anabel Taylor One World Room. Disarmament Study Group breakfast and discussion.

Music

L'Arema, a chamber trio, will be the first of the university's many free public concerts sponsored by the Music Department during the coming academic year. The concert will take place at 8:15 p.m. Thursday, Sept. 4, in Barnes Hall.

The group, consisting of Pamela Sklar, flute; Joseph Rutkowski, clarinet, and Edward Ziegman, bassoon, will play works by modern composers Walter Piston, David Loeb, David Deason, Luciano Berio, George Gershwin and Cornell's Karel Husa.

L'Arema Chamber Ensemble has been rapidly gaining recognition throughout the New York metropolitan area for its broad repertory plus unique arrangements of ragtime, jazz and popular music.

Founded in 1976, the New York-based trio has been featured over WQXR Radio's "The Listening Room" with Robert Sherman and has been heard on other New York stations. Concerts have been given in the Museum of Modern Art's "Summergarden" and the Whitney Museum of American Art's summer series. L'Arema has recorded for tele-

vision and is currently in residence at Turtle Bay Music School.

Sklar has appeared as solo flutist with the New York Sinfonia Orchestra and with the Radio City Music Hall Orchestra. She studied with John Wummer, Karl Kraber, Samuel Baron, and in master classes of Marcel Moyse and Jean-Pierre Rampal. A graduate of the Mannes College of Music, she teaches flute at the Westchester Conservatory and Turtle Bay.

Rutkowski, also a graduate of Mannes College, was recipient of the 1976 Peter Goldmark Chamber Music Award. He has studied with Lawrence Sobol, Gino Gioffi, John March and David Glazer, and has performed with the Suffolk Symphony and Long Island Chamber Ensemble. He is a member of the clarinet faculties of the Westchester Conservatory, Turtle Bay and preparatory division of the Mannes College.

Ziegman has performed extensively throughout the United States with the Orchestra of "Jesus Christ, Superstar" and has been a member of the Suffolk Symphony, New York Opera Orchestra and the Hamilton Philharmonic of Canada. He received degrees from the Manhattan School of Music and studied with Roberto Sensale, Frank Ruggieri and Steven Maxim. He is currently on the bassoon faculties of the Hoff-Barthelsson and Turtle Bay Music Schools.

Sunday
August 31, 2-5 p.m. Straight North Room. Cornell Savoyards' annual open Gilbert and Sullivan Sing-a-Long.

Tuesday
September 2, 7:30-10:30 p.m. Ithaca College Ford Hall 104. Open auditions for the Cornell Savoyards' November production of Gilbert & Sullivan's "The Mikado." Come prepared to sing anything of your choice.

Wednesday
September 3, 7:30-10:30 p.m. Lincoln 116. Open auditions for the Cornell Savoyards' November production of Gilbert & Sullivan's "The Mikado." Come prepared to sing anything of your choice.

Thursday
September 4, 7:30-10:30 p.m. Women's

August	S	M	T	W	T	F	S
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3	4	5	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	
31							

Community Building, corner of Seneca and Cayuga Streets. Open auditions for the Cornell Savoyards' November production of Gilbert & Sullivan's "The Mikado." Come prepared to sing anything of your choice.

Religion

W. Jack Lewis, director of Cornell United Religious Work, will be Sage Chapel Speaker at 11 a.m. Sunday, Aug. 31. His topic will be "The Earnestness of Being Important."

Lewis came to Cornell in 1964, having served the previous 13 years as founder-director of the Christian Faith and Life Community in Austin, Texas. He was ordained in 1940 as a minister in the Presbyterian Church.

In 1960 Lewis participated in the World Council of Churches Consultation on Evangelism at Bossey, near Geneva, Switzerland. In 1951 he spent three months investigating Lay-Training Centers in Britain and on the continent of Europe. In 1956 he was a leader of the Study Chalet for students from Southeast Asia under the auspices of the World Student Christian Federation.

Lewis has been a member and president of the Alcoholism Council of Tompkins County and is co-founder of Suicide Prevention and Crisis Service of Tompkins County. At present he is a member of the Tompkins County Religious Workers' Association and the National Association for the Coordination of University Religious Affairs.

Sunday
August 31, 11 a.m. Sage Chapel Convocation. W. Jack Lewis, Director, Cornell United Religious Work. "The Earnestness of Being Important." Music provided by the Sage Chapel Choir under the direction of Donald R.M. Paterson, chapel organist.

August 31, 8-9:30 p.m. Statler Auditorium. Cornell United Religious Work/Center for Religion, Ethics and Social Policy Orientation: "Celebration for Peace." Introducing the activities of CURW and CRESP, and featuring varied musical groups and special guest speaker, Daniel Berrigan. Call 256-4214 for more information.

August 31, 10 p.m.-midnight Anabel Taylor Hall. Cornell United Religious Work/Center for Religion, Ethics and Social Policy Orientation: "Celebration for Peace." Diverse concurrent offerings, including a press conference with Daniel Berrigan, slide and film shows, folk dancing and music. Call 256-4214 for more information.

Monday through Friday, 12:15 p.m. Anabel Taylor G-19. Catholic Mass.

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

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

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

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

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

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

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

Seminars

Biochemistry, Molecular and Cell Biology: "Biochemistry and Molecular Biology of the Proton Translocating ATPase of E. coli," Hiroshi Kanazawa, Okayama University, 12:20 p.m. Wednesday, Aug. 27, Wing Hall Library.

NetWorking

A Newsletter by Employees...for Employees

Volume 1, Number 6
August 1980

HISTORY OF SELF-GOVERNANCE

A REVIEW OF SELF-GOVERNANCE SYSTEMS AT CORNELL UNIVERSITY FROM 1969 TO THE PRESENT FROM THE PERSPECTIVE OF AN EMPLOYEE WHO WAS THERE.

Prior to 1969, there was no form of self-governance at Cornell that was designed to be representative of the total community. There had been various forms of student government with limited authority and spheres of interest. Likewise, the faculty had some form of organization to serve their specific interests.

After the crises of '69, a very large representative group of faculty and students and a token number of employees was elected to serve on a Constituent Assembly for the purpose of studying the problems that led to the crises and to recommend solutions. The Cornell Senate resulted in 1980. It consisted originally of 60 faculty, 60 students, 5 employees, and 2 administrators.

At the earliest meetings of the Senate employee members argued for greater representation. They were partly successful: two employees sat on the seven-member Executive Committee from the beginning; the Committee on the University as an Employer (CUE) was established. They failed to win the argument to increase employee representation to either 13 or 25 members on the Senate itself.

It seems student members elected to the Senate then were of a more radical persuasion than those serving on the Campus Council in the '80s. While conceding that employees needed more representation, they were concerned that the more conservative views normally held by employees coupled with similar views of the faculty would upset the balance of power. Employees argued that the University community consists of staff, faculty, and students; that we are one community and the self-governance structure should reflect that fact.

In the third year of its seven-year life, Senate members began to realize that the Senate was a cumbersome body that consumed too many people hours. The by-laws and charter were modified to scale the membership down to 45 students, 45 faculty, and 9 employees.

AT CORNELL UNIVERSITY

Even after these changes, problems of achieving quorums and filling vacant seats persisted. The workload of perfecting legislation and modifying by-laws, and dealing with internal operations seemed greater than the productive work of developing policy.

Ever since the sixth Senate, very few employee elections have been held. When a contest did exist it was to fill 2 seats from 3 candidates--from a field of 7000 potential candidates.

Even more severe problems existed in the faculty constituency. So the Senate modified its rules to allow its own members to select candidates to fill vacant seats. This led to the possibility of "stacking the deck" with people of the same persuasion as those already serving. A large percentage of the members willing to contribute the many hours demanded by the system tended to be people who zealously supported a particular cause. At this point it became evident that the concept of a representative body had begun to break down.

A factor which helped to siphon off interest in the Senate was the creation by the faculty of the Faculty Council of Representatives (FCR). The FCR deals with academic matters while the Senate dealt in the area of campus life. One supposes that the faculty perceived that the FCR was a more prestigious body on which to serve.

Another problem appeared in the relationship between the Senate and the various subcommittees. The Senate jealously guarded its power to review and make final judgment (in the form of laboriously "perfected" legislation) on all matters studied by the committees. Even though the committees had done all of the research the Senate maintained that only the central body was qualified to act as the representative body.



CLARA PIERSON RECEIVES DEDICATED SERVICE AWARD

People are known by their friends, they say, and Clara Pierson has hundreds of them - here on campus and scattered around the world. A large proportion of them are scholars from other countries who have come to Cornell either as Exchange Visitors for a stay of two to three years, or as permanent members of the Cornell faculty.

Last June Clara completed nearly 20 years as the University's Foreign Scholar Adviser. In this role she counseled, advised and assisted newcomers from nearly every country. Though dealing largely with intricacies of Immigration and State Department procedures, of which she has a vast and thorough knowledge, she could always extend an extra measure of human kindness to arriving individuals and families, often exhausted from their travels, bewildered by unfamiliar surroundings and frustrated by red tape.

In her "spare time" Clara has served the last nine years as administrative secretary to Robert Barlow, Assistant to the President, with responsibility for federal and state relations, and before that to University secretaries: Blanchard Rideout and "Ted" Baldwin. One of those rare people who is happiest when busiest, she has also served the Office of the President as an extra "right arm", a diligent and flawless producer of an unending flood of letters, speeches and reports.

Clara lives in Trumansburg with her husband Ralph and in close proximity to her daughter and son-in-law, Jean and Ed Dawson, and two much adored grandsons. She looks forward to retirement in September.

cont. on pg. 2

HISTORY OF SELF-GOVERNANCE

cont. from pg. 1

During the seventh Senate, President Corson appointed the Chester Commission to study the self-governance system and to make recommendations for change if necessary. The Commission recommended something similar to the present Campus Council after extensive research was done and numerous hearings were held. Nevertheless, the Cornell Daily Sun and the seventh Senate criticized it as an illegitimate child and as a paper tiger with no clout. The new body did not have legislative powers and was not designed to watch closely over the action of its subcommittees. It could, however, overturn the action of a committee by a 2/3 vote of the parent body. The recommendatory power of the Campus Council has been as effective as the legislative power of the Senate with the savings of untold numbers of people hours.

Critics argued that a representative system, by its very nature, must demand more people and time than does an authoritarian system. They are absolutely correct! But the point that must be considered is when time demands begin to warp the representativeness of the system and cause it to break down.

Critics of the Campus Council have argued that employees have had little influence in the self-governance system. It is true that small numbers of employees have been involved. Those who have been interested have served very effectively. An employee has served as Secretary to the Campus Council; one has chaired the Committee on Transportation Services, and one chaired the Dining Committee. These are but a few examples. The CUE continues to be an effective committee and the employee elected trustees are involved in every aspect of the self-governance system as well as elsewhere. We must not forget that these representative agencies for employees were created by self-governance systems that required the cooperation of staff, faculty, and student, all three constituencies, working together.

When the Council was established, it was agreed that after three years another review would be made to determine if changes should be made. The Third Year Review Committee has submitted its report after studying the matter. They have recommended that a referendum be held this fall to determine the will of the community. The Third Year Review Committee seems to favor abolishing the unicameral, or one community, form of government in favor of a tricameral system.

It is hoped that by reviewing past history (although presented by one who is biased) people will be better qualified to vote on the referendum.

George Peter

C.U.E. EDITORIAL

As the Cornell community faces possible major changes in the form of self-governance, this is a good time to address the question of employee influence in the decision-making process through self-governance. Do employees have any "power" through the Committee on the University as an Employer, the Employee Elected Trustees, and the Campus Council?

I answer the question with a qualified "yes". No one group at Cornell has a particular hold on the decision-making process. After a year of attending meetings as chairperson of CUE and following issues, it is clear that policy is made by a perceived consensus, not numbers or procedures. The process is somewhat informal; comments are candid; views are solicited from as many groups as possible. Certainly there is room for some improvement in the system but what is important is that it is expected that employees will be part of the process. In the years since the self-governance system were formed, employees have been "tolerated" and accepted through the very diligent efforts of the Employee Trustees and the various chairpersons of CUE.

This past spring a good example of employee input through the self-governance system occurred. Bill Sullivan, a staff member from LASSP, wrote the CUE and every other place he could think of about his disillusionment with the Personnel Department. Several years ago, while on disability following surgery, he did not receive holiday pay for those holidays which fell within his disability period. Since holidays are advertised as a fringe benefit for all employees, he felt cheated. Facing another period of disability, he expressed his feeling.

His letter was read and heeded. Bill came to a CUE meeting and presented his case. A Personnel representative tried to answer his questions and indicated they were investigating the possibility of holiday pay during periods of disability.

Shortly after, Personnel Services notified payroll personnel that holiday pay will supplement disability.

I have heard the comment recently that "employees have come of age" politically. It's obvious that we have a large number of employees at Cornell who are interested in policies that affect us as staff members.

What has also come about in the past year is that we now have an administrator who is eager to listen to employees. Gary Posner, who is doing a tremendous job in putting Personnel on a professional footing, has determined to deal with employees in an open, up-front, and honest manner. We have an able administrator, whose job it is to deal with personnel matters, who seeks out employee views. This is not to say that the first year was all roses. The relationship between UPS and CUE has developed into a good one.

The self-governance system provides us with a mechanism by which to deal with the administration through the CUE and the Employee Elected Trustees.

It is to the benefit of employees to study the issues in the up-coming referendum and vote intelligently, and I urge you all to do so.

Joan Lockwood Parker

Employee Trustee Report

Campus Council does not meet during the summer but other activities continue. Your trustees met with the CUE to discuss the Third Year Review Committee report on self governance. The trustee B & P Committee met in July in New York City. Actions of the committee are reported in the Chronicle.

Plans are underway for employee related programs. Hopefully we will be in a position to talk about these in the next issue of Networking.

The Brown Bag Luncheon series will begin again this fall. These sessions are arranged to invite top administrators as guests to meet informally with employees for lunch.

Usually beverages and snacks are provided. The purpose of these meetings is to provide an opportunity for employees to know more about the workings of Cornell and to ask questions directly of people in positions to give official answers. Also it provides an opportunity for employees and administrators to get to know each other better.

In the past few years some of the guests have included: President Frank H. T. Rhodes, Sr. Vice President William Herbster, all of the other vice presidents, the ombudsman, the Director of the Office of Equal Opportunity, the Director of Personnel Services and most of the managers or directors of depts. in the Office of Personnel Services.

Also employee members of Campus Council and its various committees have been invited as guests.

The tentative schedule for the autumn semester for the Brown Bag Luncheon sessions is on the 2nd and 4th Monday of every month. The meeting place will be Room 202, Uris Hall.

The September meetings will be on the 8th and 22nd. The guests for the meeting on Sept. 8th will be all of the elected and appointed employee members of Campus Council and its committees. We encourage you to attend and meet these people.

Please let us know who you would like to invite to speak and answer questions at future Brown Bag Luncheon sessions.

EDITORIAL BOARD MEMBERS

Joan Parker-Editor-6-4628
Esserlene Gatewood-Chairperson-6-2260
George Peter - 6-5274
Elizabeth Selvarajah - 6-7770
Margaret Seacord - 6-4341
Linda English - 6-5274
Dominic Versage - 6-4862
Ida Wolff - 6-3930

MINI-MANAGEMENT COURSE

Exerpt from Business week August 11, 1980:

"Mr. 'X' put people in the position of agreeing with him or leaving. Now Mr. 'Y' has changed the management concept. 'X' ran a centralized operation and had the habit of jumping 4 levels down and bypassing the management chain. 'Y' has a firm staff line-of-command philosophy."

This is a quote from a top executive describing the problems of a large industrial firm. The company slipped from #2 to #6 in the world ranking of that product. It went from a pioneer in the industry to near bankruptcy. New management is trying to turn things around.

Exerpt from Syracuse Herald American, Sunday, August 10, 1980:

".....But sharply divided and lacking strong leadership, the New York State delegation packs no political clout and will have little, if any impact, or even input ----- in the Democratic convention."

These are but two examples of the disastrous results from the lack of adequate leadership. Pick up the paper any evening and read case after case of failure resulting from poor or inadequate leaders.

Many say that most of the presidents of the United States since Eisenhower failed miserably in their role as leaders. Many corporations have the same leadership failure records.

Why does it happen? Because people continue to assume that leadership concepts can be grasped from thin air. The philosophy seems to be that by promoting or electing someone to a higher office that person will learn to swim instead of sink. Daily news reports indicate that the philosophy is wrong.

This paper is to suggest that Colleges and Universities deserve a great share of the blame. It is correct to assume that a college education helps to prepare people to fill upper echelon, more responsible positions in society. Should not the education then include at least a basic background in managment concepts as a part of the curriculum? The answer is a resounding, "YES"! Those preparing to be engineers, chemists, doctors, veterinarians; those studying the humanities and every single college student should be demanding a curriculum that includes courses in leadership. "Leaders are not born, they need to be developed!" One doesn't expect that an engineer learns overnight all that is required of that profession. Yet, an engineer is "promoted" often to fill management roles with a higher rating and a higher salary and with zero training in the field management.

No wonder the news is filled with stories of companies, nations, and organizations who continually make good situations bad and bad situations worse. To end on a positive note, the solution to the problem is to recognize the deficiency and attempt to correct the same.

MEDICAL AID & EMERGENCIES

In the event of a serious injury to a fellow employee, or other emergencies (fire, explosion, etc.), the Safety Division (Campus Patrol) should be called right away at extension 6-1111.

They are trained and equipped to render emergency aid, and they are qualified to decide whether or not an ambulance or other assistance should be summoned. In many cases an injured person can be transported to a medical facility in the patrol car.

All employee injuries incurred on the job, regardless of whether lost time results, must be reported to your supervisor immediately.

The supervisor is required to submit the standard Cornell Supervisor's Accident Report with all details surrounding the accident within 48 hours of the time the injury is reported by the employee.

All accident reports are sent to Life Safety services, where they are reviewed and, if warranted, investigated. Reports then go to the Personnel Office for processing in accordance with State Workmen's Compensation requirements. It is of the utmost importance to both you as an employee and to the University that all injuries be reported immediately.

If no lost time is incurred immediately following the injury but occurs later as a result of the same injury, such lost time must be reported promptly to Life Safety Services.

Q & A TRAFFIC BUREAU

QUESTION: Will Cornell faculty/staff identification cards be used as bus passes this year?

ANSWER: The current bus pass will remain valid for the 1980-81 academic year or until further notice. DO NOT DISCARD YOUR BUS PASS. Staff and faculty members will NOT be issued new bus passes this year.

The University administration is working to develop a new identification card which will probably include the individual's photograph as well as other information. It is the expectation that the new card will serve a broad range of purposes. We should be seeing the new ID cards by next summer if not earlier.

QUESTION: When will the new parking permits be mailed to staff and faculty?

ANSWER: The 1980-81 parking permits will be mailed to staff and faculty members beginning the week of August 25. The late mailing is due to the usual kinds of problems with newly computerized systems. If you don't get your 1980-81 permit by September 1, continue to use your current permit. However, persons who have not received their new permit by September 15 should contact the Traffic Bureau immediately.

"OFFICE WRITING SKILLS" COURSE

The Office of Personnel Development and Training recently offered, as part of their "EXCEL" Program for secretaries an "Office Writing Skills" course. The course was offered from June 5-July 10, on Thursday, 9:00 a.m. - 11:00 a.m. The instructor was Marty Garrison.

The course was an excellent refresher in grammar, punctuation, and basic writing skills. Students (Cornell Employees) were given the opportunity to review various aspects of English grammar; write creative articles on their jobs, home life, and do reviews on their favorite movies and books.

The course also gave each student a chance to see what his/her weakest and strongest points are in their writing ability through constructive criticism (and praise) from Marty Garrison as well as from their peers. As a result of this experience, students are able to spot punctuation and grammar errors quickly and know what measures need to be taken to correct them. This ability will not only benefit the student in their job, but in their personal life as well.

Enrolling in courses such as, "Office Writing Skills" (along with other programs offered through Personnel Development & Training) is also an excellent way to update and increase your professional skills and enhance your career with Cornell University.

For more information on courses that are available through the Personnel Office, contact Liz Green, 6-7400; or check the list of Personnel Development Courses being offered this period. The list is included in this issue of Net-Working. Also, it appears monthly in PERSONNEL REPORT.

CPR COURSE

This course was first brought to my attention while reading the list of courses available to employees in the personnel report. I decided to take advantage of the course due to an incident with a person who happened to be in my office one day.

CPR, or cardiopulmonary resusitation, is a combination of artificial circulation and artificial respiration used when cardiac arrest occurs. Breaking the terms down: cardiopulmonary means heart and lungs; resusitation means to restore.

Personally, I feel at least one person in each office of building should take either a first aid or CPR course, and it can be done right here on campus. Not only is the course helpful on the job but off the job too. Remember, it could only save someone else's life but yours too.

T. Hammond
Admissions

"If you respect your job's importance, it will probably return the favor."

L. D. Turner

PERSONNEL DEVELOPMENT NEW COURSE OFFERINGS

Personnel Development of University Personnel Services is offering 2 new courses in writing skills to Cornell employees this Fall. "Proposal and Report Writing" is designed for supervisors and managers. "Office Writing Skills" is for administrative support staff (secretaries and office assistants).

PROPOSAL AND REPORT WRITING

This 3-day program is designed for managers and supervisors who want to improve their skills in organizing, designing, developing, and presenting written communication. The program offers comprehensive how-to-do-it skills for those who communicate by writing reports and proposals.

Topics to be covered are: basic ideas of the communication process, applications of professional writing skills, practical approaches to organizing ideas and developing outlines.

DATE: September 18, 19, & Oct. 1, 1980

TIME: 9:00 - 12:00 & 1:00 - 4:00

COST: \$50

Instructor: Don Morrison

OFFICE WRITING SKILLS

This 10 week course for secretaries and office assistants is designed to improve basic English skills used in the office. Topics to be covered are: sentence structure, paragraph construction, vocabulary, punctuation, organization and grammatical correctness. The course will concentrate on writing business letters (e.g., memos, reminder letters, reports, acknowledgements, etc.) in a style that is correct, concise, and clear. It will emphasize taking "the fog" out of business writing. Participants will gain not only the rules and regulations of correct business writing, but also increased confidence and a sense of ease about writing.

DATES: Tuesdays,
Oct. 14-Dec. 19, 1980

TIME: 9:00 - 11:00

COST: \$40

Instructor: Martha Garrison

HIGH SCHOOL EQUIVALENCY TEST PREPARATION

The Personnel Development Section of University Personnel Services is offering High School Equivalency Test Preparation, in conjunction with Board of Cooperative Education Services (BOCES), to assist employees in obtaining high school diplomas. The course prepares employees for the High School Equivalency Test by reviewing the five subject areas covered in the exam; English usage, mathematics, science, social studies, and literature.

The exam will be given in the Ithaca area on November 28 and 29, 1980.

DATES: Tuesday and Thursdays

Sept. 16-Nov. 25, 1980

TIME: 9:00 - 12:00

No Charge to Departments

For further information and to register, please contact Personnel Development, 451 Day Hall, 256-7400.

FUNCTION TRAINING: SERVICES OF PUBLIC SAFETY is designed to provide employees with general information about the many functions and services provided by Public Safety. For example: programs available, the use of the blue light, neighborhood service unit, and more.

DATE: September 24, 1980

TIME: 9:00 - 10:30

No Charge for Departments

For more information and to register, please contact Personnel Development, 451 Day Hall, 256-7400.

INFO FROM LIFE SAFETY SERVICES

The following two articles were borrowed from a memo to new employees from the Department of Life Safety Services and Insurance:

PRESCRIPTION SAFETY GLASSES

It is University policy to provide, at departmental expense, prescription safety glasses for employees who are routinely exposed to eye hazards. Examples of such hazards might include flying objects or particles and molten metal that might be encountered in laboratories, machine shops, and repair shops, and outdoors in such work as mowing lawns and farming. All safety glasses made for the Cornell program are the industrial type, which comply with rigorous criteria published by the American National Standards Institute. The employee pays the fee for his eye examination, which should have been performed by an optometrist of his choice within one year prior to his request for safety glasses. The University pays for the glasses plus a fee for fitting, adjustments, and verifying the lens prescription. The employee who is exposed to eye hazards should procure a written authorization to order and the necessary forms from Life Safety Services, then get a local pickup order from his department. Any of the opticians (retailers) in Ithaca may be used. The glasses take about two weeks for delivery, and the employee is notified when they arrive. Naturally, it is expected that safety glasses thus provided will be worn exclusively at work. (Non-prescription safety glasses, goggles, and face shields are also available.)

SAFETY FOOTWEAR

If your work involves the handling of heavy objects such as lengths of pipe, large cartons and cans, or large animals such as horses and cattle, the University strongly encourages the use of safety footwear. Many styles of safety shoes, including high-topped work and dressy types--even boots are available. They may be purchased at any of the local retail shoe stores that stock them, but for employees' convenience a mobile safety shoe "store" comes to the campus at least twice a year. Visits by this unit are publicized in advance. Under current University policy, the employee receives \$15.00 partial reimbursement toward each pair of safety shoes purchased for use on the job.

CLASSIFIED ADS

SERVICES:

PROFESSIONAL PIANO TUNING

DAVID VANWINKLE - EVENINGS - 277-2014

*
* CLASSIFIED AD FORM *
*
* INFORMATION: _____ *
* _____ *
* _____ *
* _____ *
* NAME: _____ *
* HOME PHONE # _____ *

Classified Ads are welcome and are free to Cornell staff and faculty members.

Please fill out the above form and send it to: Linda English, 61 Brown Rd., Research Park.

CAR POOLING

EAST SHORE DRIVE, 5 miles out, 7:30 - 4:40 Mon - Thurs; 7:30 - 3:30 Fri. Must ride. Call Glynn at 6-3414, Uris Libr.

DRYDEN-HARFORD RD IN DRYDEN, 8 - 4:30, M - F. Call Tammy at 6-5241, 410 Thurston Ave, Admissions. Will ride to A or B lot.

Persons interested in ridesharing should send name, home address, campus address, hours of work, and campus phone number to Cindy Pike-Rattray, at 115 Wait Avenue, Traffic Bureau. Also state whether you prefer to drive or ride. Your ad will appear in the next issue of NetWorking.

Questions, comments, arguments on self-governance issue are welcome and should be addressed to the Editorial Board and sent to Margaret Seacord, 104 Space Sciences Building.

The Editorial Board thanks all those who recommended fellow staff members for the Dedicated Service Award. We will print all nominations received. In some cases we will be asking for more information on the individual named for this honor.

"The only person who ever got his work done by Friday was Robinson Crusoe."

Anon.

September 1980
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L'Arema, a chamber trio, will present a free public concert at 8:15 p.m. Thursday, Sept. 4, in Barnes Hall. Members of the trio are Joseph Rutkowski, clarinet (left), Edward Ziegman, bassoon (center), and Pamela Sklar, flute (right). The concert is being sponsored by the Music Department.

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.

National Science Foundation

The National Science Foundation's Undergraduate Research Participation Program has a September 12 deadline. The purpose of this program is to provide selected undergraduates with firsthand experience in the research process by allowing them to work directly with science faculty on a collaborative basis. Proposals must be from science and engineering departments whose faculty would set up and run such a program.

Henceforth, NSF's Student-Originated Studies program will be included within the URP Program. Under the SOS Program, a group of students develop and propose an independent research project in collaboration with a senior scientist.

Details on this program are available in the Office of Sponsored Programs, 123 Day Hall.

Student Research: Education of the Handicapped

The Department of Education has announced a program to support a broad range of research and research-related projects focussing on the education of handicapped children. The program is limited to projects initiated by and to be directed by students. Most projects support Doctoral dissertations or Master's theses, but this is not a requirement. Applications must be submitted by October 10, through the University.

Thirty grants, up to \$10,000 each, will be awarded.

Application forms may be obtained by writing to the Research Project Branch, Special Education, Department of Education, 400 Maryland Avenue SW, Washington, DC 20202.

Title 20 Cooperative Research

The Office of Policy Development in the Office of Human Development Services announces a September 8 postmark deadline for applications to the Cooperative Research and Demonstration Grant Program.

This program will award grants and cooperative agreements to fund research

or demonstration projects for the improvement of planning, management, delivery, and coordination of Social Services programs. The Office of Human Development Services intends to award nine new grants with an average amount of \$225,000 per year. Funding priorities for Fiscal Year 1981, and instructions for receiving the application materials can be obtained in the Office of Sponsored Programs. This information is also available from the Office of Research in the College of Human Ecology.

PHS Form 398 REVISED

Public Health Service/National Institutes of Health (PHS/NIH)

has issued a revised form PHS-398 Kit. Effective immediately, PHS will not accept new research or competitive renewal research proposals unless submitted on the revised form.

Any kits which show an Office of Sponsored Programs date stamp prior to July 14, 1980 or have no date stamp should be disposed of immediately.

New kits may be obtained by contacting the Office of Sponsored Programs, 123 Day Hall, 256-5014.

NEW GRADUATE STUDENTS: If you have not returned the matriculation forms and the student data collection form or paid the \$50 registration fee, please come to the Graduate Admissions Office at 119 Sage Graduate Center. You will not be able to register on the 28th until these final steps in the admission process have been completed.

If you are a foreign student who submitted a TOEFL score below 600 or an ALIGU test score, you must take the English Placement Test on Wednesday, August 27, at 12 noon, in Room 106 of Morrill Hall.

Graduate students who have Cornell administered awards that provide tuition please note: credit for the tuition charge appearing on your August 10 bill should appear on your September 10 billing statement. If payment has not appeared at that time, contact the office that is providing your support or the Graduate Fellowship Office, 116 Sage Graduate

Pascal Anton Oltenacu and Richard Louis Quaas of the department of animal science in the State College of Agriculture and Life Sciences have been elected associate professors with tenure. Oltenacu's research and expertise is in a relatively new area in the field of animal science. It is the application of modeling or simulation techniques to reproductive, health, and nutritional problems of livestock. Quaas, who came to Cornell in 1973, is well known for his expertise in statistics and biometrics in the field of animal breeding and agriculture. He is involved in both undergraduate and graduate advising and statistical consulting for students and faculty in his department.

Edward W. Hart has been elected full professor of mechanics and materials science with tenure in the College of Engineering. With General Electric Co. from 1951 to 1976, Hart spent the 1975-76 academic year as a visiting professor at Cornell and in 1976 joined the faculty of both the Departments of Theoretical and Applied Mechanics, and Materials Science and Engineering. He is an authority on the inelastic deformation of solids.

Philip Holmes has been elected associate professor with tenure in the Department of Theoretical and Applied Mechanics. A member of the Cornell faculty since 1977, Holmes is a specialist in nonlinear mechanics and dynamical systems. He teaches undergraduate courses in engineering mathematics, dynamics and acoustics and graduate courses in the qualitative theory of dynamical systems and methods of applied mathematics.

A husband and wife, **David and Ann McCann**, have been appointed assistant directors in the Office of University Development at Cornell University. David McCann assumed the position of assistant director of foundation relations. Ann McCann is now assistant director of the Cornell Fund, the university's alumni annual giving program. David McCann had been a staff writer in the development office for one year before beginning his new duties. During the past year Ann McCann was responsible for organizing and coordinating a network of alumni who seek to influence state legislators on issues of concern to Cornell. Also,

she was responsible for analyzing and making recommendations about Cornell's real estate holdings in New York City. From 1976 to 1979, David McCann was an assistant professor of Japanese literature at Cornell. Ann McCann, who earned a master's degree from Cornell's Graduate School of Business and Public Administration in May, has held several teaching positions.

James K. Estes, graphic designer in the media services department, received the Award of Excellence in Graphic Design from Agricultural Communicators in Education, which held its annual meeting last month in Berkeley, Calif. The award was in recognition of his creativity, leadership, communication excellence, and distinguished service to the profession and to ACE. As senior graphic designer for his department, he also serves as art director for "New York's Food and Life Sciences Quarterly" magazine, a publication of the State College of Agriculture and Life Sciences.

David A. Caughey, assistant professor of mechanical and aerospace engineering since 1974, has been promoted to associate professor with tenure. Recognized for outstanding research by a scientist under the age of 35 last year, he was awarded the Lawrence Sperry Award by the American Institute of Aeronautics and Astronautics for developing computer codes now being used by industry and the National Aeronautics and Space Administration in the design of aircraft. In 1977 Caughey won the \$1,000 Award for Excellence in Engineering Teaching, based on the votes of upperclass students in the College of Engineering and graduate students with Cornell undergraduate engineering degrees. He is a specialist in aerodynamics, transonic flow, sonic boom and fluid dynamics.

Henry Howard Hagedorn and Ward Max Tingey of the department of entomology in the State College of Agriculture and Life Sciences have been elected associate professors with tenure. Hagedorn has earned an international reputation as a leader in insect physiology and endocrinology. His research focuses on the hormonal control of egg development in the mosquito.

Tingey, who came to Cornell in 1974, has received national recognition as an expert in the field of combining plant breeding and genetics with entomology as a means of obtaining insect control of crop pests, particularly potato pests.

Bruce W. Turnbull has been elected associate professor of operations research and industrial engineering with tenure in the College of Engineering. Winner of the George W. Snedecor Memorial Award for the best publication in biometry in 1978, Turnbull has been a member of the Cornell faculty since 1976. The award was for the development of new statistical techniques to evaluate the effects of low-level radiation on disease incidence in laboratory animals. Turnbull's research is in statistics and falls into three areas: problems of inequalities in stochastic processes; ranking and selection procedures, and analysis of life data.

Thomas J. Santner has been elected associate professor with tenure in the School of Operations Research and Industrial Engineering. Santner's major fields of interest are multiple decision theory and survivorship/reliability analysis. He concentrates on selection and ranking problems, the analysis of life data in reliability and biomedical settings, and on design problems arising in experimentation. He was awarded the Outstanding Teacher Award in his school in 1976 and 1978 and also received a Top 10 Teaching Award in the College of Engineering in 1975 and 1976.

Fred W. McLafferty, professor of chemistry, is 1980 winner of the American Chemical Society Award in Analytical Chemistry. The \$2,000 award, sponsored by Fisher Scientific Co., was announced in Las Vegas at the Second Chemical Congress of the North American Continent. McLafferty was among the first to call attention to the tremendous usefulness of mass spectroscopy, an analytical method for identifying unknown chemical compounds, and has contributed extensively to the applications of this technique. He received the Ph.D. from Cornell in 1950 and has been on the faculty here since 1968.

Graduate Bulletin

Center, 256-4884.

Graduate students who are receiving tuition assistance from Cornell administered sources must apply for a Tuition Assistance Program (TAP) award through the New York State Higher Education Services Corporation (NYSHESC) if they meet New York state residency requirements. Other graduate students who are New York state residents should also apply for a TAP award even if tuition is not paid by a fellowship or assistantship. Contact the Bursar's Office, 260 Day Hall, for information and application forms.

Stipend checks for graduate students awarded fellowships, scholarships and traineeships should be available at the Student Check Window in the Accounting Office, 130 Day Hall, beginning August 29. You must pick up your check in person and present a valid student I.D. before your check will be released. Most awards are payable monthly, and checks

are available on the first Friday of each month as payment for that month. Checks for students sponsored by AAI (AfGrad) and LASPAU will be available at the Graduate Fellowship Office according to the payment schedule established by your sponsor. Lehman Fellowship recipients should submit the school copy of their award certificate to the Fellowship Office.

Checks for teaching assistants, research assistants and graduate research assistants should be available bi-weekly on and after September 4 at the various departmental offices. You must be a registered graduate student to receive your check.

Cornell graduate fellowships, traineeships, assistantships and scholarships do not provide for Student Health Insurance charges. Students are personally responsible for these expenses. Those not wishing to participate in the insurance plan must submit a waiver card to

Gannett Clinic, 10 Central Avenue, by September 26 in order to cancel this coverage.

Questions concerning fellowships, scholarships, and traineeships should be directed to the Graduate Fellowship Office, 116 Sage Graduate Center, to the financial administrator in your department, or to the graduate faculty representative for your field of study. Questions regarding assistantships should be directed to the departmental office providing the award. Questions concerning loans and college work-study should be directed to the Office of Financial Aid, 203 Day Hall.

For information concerning the Fulbright-Hays predoctoral grants for study abroad and for doctoral dissertation research, contact Jeanne Bowen, Fulbright Program Adviser, 116 Sage Graduate Center. Appointments may be made by calling 256-4884. Application deadlines are rapidly approaching.

Bulletin of the Faculty

May 21, 1980
110 Ives Hall

The Speaker, Professor Russell D. Martin, called the meeting to order at 4:30 p.m., with 80 members of the Faculty and a few visitors also in attendance. He asked for corrections to the February 20, 1980 minutes, and hearing none, declared them approved. The Chair then called on Provost W. Keith Kennedy.

Provost Kennedy said it was his unpleasant task to announce the death of the following faculty members, after which the body stood for a moment of silence:

Joseph P. Porter, Professor Emeritus, Ornamental Horticulture, March 1, 1980

Howard S. Tyler, Professor Emeritus, Personnel Administration, May 20, 1980

The Speaker next called on the Dean of the Faculty, Kenneth Greisen, for his report.

1. REPORT OF THE DEAN

Dean Greisen announced the results of the recent Faculty election to committee posts.

FACULTY TRUSTEE - one seat:
William T. Keeton, Liberty Hyde Bailey Professor of Biology.

AT-LARGE MEMBER, FCR - three seats:

Richard A. Baer, Jr., Natural Resources.

Richard N. Boyd, Philosophy.

James S. Thorp, Electrical Engineering.

MEMBERSHIP OF THE UNIVERSITY FACULTY COMMITTEE - one seat:

Leland E. Carmichael, John M. Olin Professor of Virology.

REVIEW AND PROCEDURES COMMITTEE - three seats:

Jane L. Hammond, Law.

Warren T. Johnson, Entomology.

Mary E. Purchase, Design and Environmental Analysis.

NOMINATIONS AND ELECTIONS COMMITTEE - three seats:

H. Peter Kahn, History of Art.

Russell D. Martin, Communication Arts.

Byron W. Saunders, Operations Research and Industrial Engineering, Emeritus.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - one seat:

Elizabeth D. Earle, Plant Breeding and Biometry.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - one non-tenured seat:

Ellis R. Loew, Physiology, Agriculture; Physical Biology, Veterinary.

ACADEMIC PROGRAMS AND POLICIES COMMITTEE - two seats:

Albert Silverman, Physics/LNS.

Bernard F. Stanton, Agricultural Economics.

BUDGET COMMITTEE - one non-tenured seat:

Loren W. Tauer, Agricultural Economics.

FREEDOM OF TEACHING AND LEARNING COMMITTEE - two seats:

Cushing Strout, Ernest I. White Professor of American Studies and Humane Letters.

Nicholas L. Sturgeon, Philosophy.

FREEDOM OF TEACHING AND LEARNING COMMITTEE - one non-tenured seat:

Ramona K.Z. Heck, Consumer Economics and Housing.

MINORITY EDUCATION COMMITTEE - two seats:

Donald C. Graham, Food Science.

Benjamin Nichols, Electrical Engineering.

PHYSICAL EDUCATION COMMITTEE - two seats:

Douglas J. Lathwell, Agronomy.

Robert P. Merrill, Herbert Fisk Johnson Professor of Industrial Chemistry.

PROFESSIONAL AND ECONOMIC STATUS OF THE FACULTY COMMITTEE - one seat:

Robert L. Aronson, Industrial and Labor Relations.

PROFESSIONAL AND ECONOMIC STATUS OF THE FACULTY COMMITTEE - one non-tenured seat:

Florence Berger, Hotel Adminis-

tration.

RESEARCH POLICIES COMMITTEE - three seats:

Andre Bensadoun, Nutritional Sciences.

Donald P. Hayes, Sociology.

Yervant Terzian, Astronomy.

UNIVERSITY-ROTC RELATIONSHIPS COMMITTEE - two seats:

Robert S. Dickey, Plant Pathology.

Carl C. Lowe, Plant Breeding and Biometry.

COUNCIL ON PHYSICAL EDUCATION AND ATHLETICS - one seat:

Carol L. Anderson, Human Development and Family Studies.

CAMPUS COUNCIL - five seats:

Benedict R.O. Anderson, Government.

A. Wade Boykin, Psychology.

Henry H. Hagedorn, Entomology.

Arthur A. Muka, Entomology.

Bruce W. Turnbull, Operations Research and Industrial Engineering.

He also indicated that the second part of the election process electing FCR members to committees - would soon take place (see Appendix A).

The Dean reminded the Faculty that the Review and Procedures Committee had authorized him to assemble an ad hoc committee to study the issue of the regulation of smoking, prepare materials and propose appropriate legislation on the subject. Since this item is not solely the concern of the Faculty, an attempt will be made to appoint a joint ad hoc committee involving the Campus Council as well. Dean Greisen said he would welcome nominations for this ad hoc committee.

Dean Greisen said litigation with regard to promotion cases has been a concern to three committees of the Faculty. One is the Committee on Academic Freedom and Responsibility which has had the difficult task of considering appeals in approximately four different cases. As they considered these appeals, unresolved general questions surfaced that they wish they had answers to and should be considered. The Committee on the Professional and Economic Status of the Faculty is also concerned about all matters affecting promotion and tenure. And finally, the Executive Committee of the FCR has also registered concern. The Executive Committee felt that the subject is so large that it is difficult for the existing committees to tackle in the midst of other assignments and therefore have authorized that a special ad hoc committee to study the promotion and appeals processes be set up. Again, the Dean welcomed nominations. He also indicated that the Arts College will separately engage in a similar enterprise and hoped the two committees could interact when applicable to the University Faculty.

The Dean next announced the membership of another ad hoc committee - the ad hoc Committee on South African Investments:

David Blandford, Agricultural Economics.

William E. Cross, Jr., Africana Studies and Research Center.

Paul R. Eberts, Rural Sociology.

Jerome E. Hass, Business and Public Administration.

Fred W. McLafferty, Chemistry.

Richard Rosecrance, Walter S.

Carpenter, Jr. Professor of International and Comparative Politics.

Norman T. Uphoff, Center for International Studies and Government.

Elaine F. Walker, Human Development and Family Studies.

He invited anyone wishing to communicate to members of this committee to do so. Professor Rosecrance was also chosen to be the new faculty member of the Investment Proxy Advisory Committee - which advises the Investment Committee of the Board of Trustees on proxy matters. Having one person on both committees, it was felt would encourage the sharing of helpful information between the two committees.

Dean Greisen said the subject has been brought up during this year that retired members of the Faculty constitute a tremendous untapped resource. It was thought appropriate to encourage the establishment of some committee

consisting in large part of recently retired faculty, as well as faculty not yet retired, to study ways of making better use of the resource represented by the skills, interest and experience of retired faculty members who choose to reside in this area. That has been authorized by the FCR Executive Committee and Dean Greisen expressed a desire to receive nominations.

Finally Dean Greisen thanked the faculty for another year of very strong participation in committee work and deliberation involving a number of rather serious issues. He gave very special thanks to the Secretary, Professor Joseph B. Bugliari, for his voluminous and careful notes in the Chronicle. The Dean also expressed gratitude to the Speaker, Professor Russell D. Martin, and wished everyone an enjoyable summer.

The Chair next called on Professor John Burton, Industrial and Labor Relations, and member of the Committee on the Professional and Economic Status of the Faculty, for a report.

2. PROPOSED CHANGES IN PHASED RETIREMENT

Professor Burton began: "There is an

Some proposals to encourage phased retirement for faculty members.

impending change in the mandatory retirement age at Cornell. By 1982 the retirement age will be 70. Between now and 1982, retirement beyond the age of 65 can be arranged if agreed to by the faculty member and by his dean. Now as we're moving towards a later retirement age, this development seemed to make a phased retirement program more attractive - both to individuals and to Cornell University. In January, Gary Posner, Director of Personnel, wrote to the Committee on the Professional and Economic Status of the Faculty proposing some changes in the University policy on phased retirement. In his letter he noted that one of the difficulties in the existing system is that our benefit programs are proportionately reduced based on a cut in salary and less than full time status of individual faculty members. If you go on half-time, many of your fringe benefits are currently cut in half, as an example. This obviously provides something of a disincentive to retirement. Gary Posner proposed in his letter, several changes in the fringe benefit plan that would encourage phased retirement. The Committee on the Professional and Economic Status of the Faculty reviewed these proposed changes and in general thought they were very good. We did have some suggestions of our own on additional changes or modifications. And at a meeting between the Committee and Gary Posner and Claire Nagel on March 14, we made several suggested changes. Almost all of these were accepted and incorporated into the document that has been distributed at today's meeting" (see Appendix B).

Professor Burton then proceeded to review the proposed plan. "Eligibility is described on the first page. As you see, this phased retirement plan will be available to all full-time, tenured endowed faculty members, over age 60 and under age 70 who have at least ten years of service. The benefits are described in three categories. The 'a' category pertains to those who are half-time or more and relates to life insurance, voluntary accidental death and dismemberment and the retirement plan. Those employees who have elected half-time or greater will be treated for the purposes of these three benefits as if he were still full time. Thus, the University's contributions to his TIAA/CREF retirement equity would be based upon not his half-time salary but his salary as it would be if he were working full time. Category 'b' involves those who are appointed less than one-half time. Here the benefits are reduced from what one would receive as a full-time faculty member, but the reduction is less than proportionate to the reduction in work. I think the simplest way to illustrate this would be

to say if you were to continue teaching on a quarter time basis, for the purpose of these three fringe benefits, group life, accidental death and dismemberment and retirement plan, you would be treated as if you were teaching half-time in terms of the contribution rate. Thus for less than half-time, you get in effect double the fringe benefits you would get if they were reduced proportionately. Finally in category 'c' are certain benefits that are not affected by the proportion of time that you are teaching. The tuition scholarship program for example, is continued as if one were a full time faculty member even if one goes down to half or quarter time. Health insurance is continued as if one were full time. There is no reduction regardless of the extent of your reduction in teaching. Long term disability on the other hand, is treated strictly on a proportionate basis. This is the one case where if you go down to half-time salary, your long term disability insurance is reduced to 50% of what you would have received as a full time faculty member. Three examples are included that may help clarify these proposals.

"There are some limitations to this

program that I want next to highlight. First is that the plan is restricted to faculty members in the endowed part of the University. Secondly, there is a limitation in terms of the procedure used to qualify for the phased retirement as you will see under eligibility and procedure. The proposal contemplates that faculty members can apply and then an agreement in effect has to be worked out between the faculty member and the department chairman and/or the dean's office. The Committee on the Professional and Economic Status of the Faculty at its March meeting felt that the phased retirement should be something close to a right of a faculty member, although we could recognize some circumstances where there need to be some limitations. This particular draft does not go that far and that is one point where the Committee might have some disagreement with the current draft of this plan. The status of this plan as I understand it is that it is intended for review by the Trustees of the University. Originally it was scheduled to be reviewed at the May meeting. I now understand it's going to be reviewed at the July meeting." (See Appendix C as adopted.)

The Chair opened the floor to questions for either Professor Burton or the Provost.

Associate Professor Lars B. Wahlbin, Mathematics, asked whether retirement benefits could be drawn while on half-time retirement.

The response was that no one seemed to know for sure. Dean Greisen said that this whole discussion contemplated that during that period, one would still be paying into TIAA/CREF - not drawing out. He believed at the time one starts to draw out, the paying in ceases.

Vice President W. Donald Cooke said he didn't believe one could draw on retirement while being paid at the same time.

Provost Kennedy said: "There is the supplemental retirement plan that some faculty have utilized. That is available to be drawn upon at any time. So if you have taken advantage of that, you could draw on that part of your retirement. But as was already stated, the purpose or objective here is to keep the retirement benefits growing by a larger contribution to the retirement plan."

Professor Burton said he would have to do some checking. He noted as far as social security is concerned, presumably one could not be eligible until income fell below the maximum allowed - in effect one took full retirement.

Professor Yih-Hsing Pao, Theoretical and Applied Mechanics, asked whether salaries would be fixed at time of retirement, why eligibility began at age 60 as

opposed to 55, and why ten years of service were required as opposed to another number.

Professor Burton replied that it was his understanding that the salary would continue to be adjusted annually - that being a matter of negotiation between the faculty member and department chairman and/or dean. "That is one of the advantages of this plan in terms of TIAA contributions compared to the earlier version that had been talked about by the University, where the TIAA contribution was going to be on your last full time salary. Here the TIAA contribution would continue to increase during your phased retirement period as your salary increases."

Professor Burton said in response to the second parts of the question, the age and time specified were arbitrarily chosen but seemed to be reasonable.

Professor Pao said under the State plan, early retirement is at age 55 while requiring a longer period of service - ten years being rather a short time.

Professor Burton said that was something that the Committee did not examine. Even within the statutory units, there appears to be quite a variation depending upon when one came into the statutory retirement plan. So it's virtually impossible to have consistency between statutory and endowed units given the fact that there are at least three different versions of the statutory plan.

Provost Kennedy said the possibility of considering age 55 rather than 60 was discussed at a meeting of the Deans' Council. "It was our conclusion that we should start according to the recommendations of the Committee initially at age 60, but we are going to continue to consider the matter. When I say that, I don't want to give you any implied commitment that we're going to change to 55, but it will receive further consideration. I should add that while you can retire at age 55 under the State retirement system, it doesn't provide some of the benefits that this plan provides. It isn't just a matter of being a program that is five years better towards retirement. I would also like to comment for those members of the statutory colleges that we will be looking at the possibility of attempting to apply the advantages of this plan to them also. Again, no commitment, just a matter of what we would like to do."

Professor Joan R. Egner, Education and Associate Dean, College of Agriculture and Life Sciences, asked if one makes a commitment at age 60 to any phased retirement plan, does one retain tenure through age 70, and is the decision irreversible?

Provost Kennedy replied: "The answer is that if you enter into an agreement to half-time, for example, you then have half-time tenure to the retirement age. It is not reversible unless in some way it is renegotiated for good reasons. Let me comment further about whether or not this is a right or a privilege because Professor Burton alluded to it. In discussing it with the deans the other day, we viewed it as being a right, but there is one important caveat to that in that the individual and the department chairman and/or dean must agree upon the terms or what the expectations are. For example, and I know there's no such person on our faculty, but let's at least assume that at institution X there is an individual who has had originally a teaching and research commitment and for a number of years really has not been involved in any research work and is not carrying any heavier teaching load than the other active faculty members who are actively engaged in teaching and research. If that individual suddenly wants to go on a half-time basis and reduce his teaching to half of what he has been doing, when he's really been receiving full salary for half-time work, there can be a point of conflict. And I think the University cannot just say automatically anyone that wants to can shift from full time to half-time on his or her own conditions. If you want to shift to half-time and the two parties are reasonable, I'd view it as a right. But I want to emphasize that you have to negotiate the

conditions of what is half-time and not just because you're on half-time assume that you can reduce that to quarter time and get half-time salary."

There being no further questions, the Chair called on the Director of Cornell United Religious Work, W. Jack Lewis, for an announcement.

The Reverend Lewis invited all to attend the May 25 Sage Chapel program honoring graduating seniors, students receiving advanced degrees and retiring faculty and staff. He also announced that next year the Baccalaureate Service would be reinstituted at 10:00 a.m. in Bailey Hall on the same day as Commencement.

The Chair next called on Provost Kennedy to conduct the program to recognize retiring faculty members.

3. RECOGNITION OF RETIREES

The Provost stated: "It is a pleasure and a privilege to recognize the faculty members who have served Cornell for so many years."

The Provost called first on Associate Dean Joan R. Egner, College of Agriculture and Life Sciences.

Dean Egner began: "Dean Call and I want to recognize the eight faculty members from the College who are retiring or who have retired in 1979-80. When we sat down to talk about this we found it difficult to condense their careers to some brief remarks that might capture both the tone as well as the quality of these faculty members. I am nevertheless going to try and do that briefly and I will ask each of these people who are here today, to please stand while I make a brief comment about each."

"First is Professor Carl W. Boothroyd from the Department of Plant Pathology. Professor Boothroyd will be retiring June 30, 1980. He joined the faculty in 1949. As we looked at his record, we noted his marvelous commitment to excellence in teaching. He has long taught the introductory course in Plant Pathology and consequently he's associated with many hundreds of students in his years. In the area of research, he's an authority on corn diseases. And in 1979, as a matter of fact, he discovered a new corn disease which has affected crops in several states. I should note that he will continue to be actively involved in the department and in his discipline. However, we do expect that he will continue his excellence in and his ardent interest in fishing, and we hope that he will be able to maybe adjust his effort distribution to give a little bit more time to that."

"Professor Warren F. Brannon, from the Department of Animal Science, retired on September 5, 1979 - having joined the faculty in 1956. His areas of specialization are 4-H, livestock and meat science and adult extension dealing with the sheep industry. Professor Brannon developed the regional wool marketing cooperatives in New York State and these cooperatives now handle about 60% of New York State wool. By introducing artificial insemination of sheep to the farmer, by improving feed mixing, he has helped return more gross dollars to the growers. Professor Brannon has also worked with 4-H clubs in developing projects in beef and sheep and swine. He is currently raising beef cattle on his farm in Tompkins County and is also working with his son in a meat processing and retailing business."

"Professor Benjamin E. Clark, Department of Seed and Vegetable Sciences, Geneva, who will retire June 30, 1980, joined the faculty in 1948. He has been head of the Department of Seed Investigations; he has been assistant director of the Agricultural Experiment Station at Geneva; and his note said that he has returned after he finished these administrative responsibilities to his first love, research in the seed labs and in the field. He's had an illustrious career as a seed scientist. His extensive investigations on the development of supplemental cold tests to determine the ability of seeds to germinate under unfavorable field conditions have been a significant contribution to seedsmen, growers and processors, enabling them to better predict field performance."

"A fourth person is Professor Loy V. Crowder, from the Department of Plant Breeding and Biometry. He retired December 26, 1979, having joined the faculty in 1963. Professor Crowder has been an international agricultural leader in

the development of training programs of foreign and United States students in international agriculture and plant breeding. He has provided liaison with plant breeders in international research centers around the world and to continue that further, he is now associated with the Rockefeller Foundation based in Indonesia.

"Professor Otis F. Curtis from the Department of Pomology and Viticulture, Geneva, is going to be retiring June 30, 1980, having joined the

On the retirement of Faculty members: Some sentiments about accomplishments.

faculty in 1946. His research has been on the problems of weed control in fruit planting. He has special expertise in relating findings to extension personnel and growers. He annually authored the herbicide section of Cornell's tree fruit production recommendations for commercial growers. We noted that Professor Curtis has a long time Cornell family connection. His father, Otis F. Curtis, Senior, was an eminent professor of Plant Physiology at Cornell and Professor Curtis' son was an all-American soccer player at Cornell. For several years Professor Curtis and his wife have worked with disadvantaged Indian families in Arizona and North Carolina and it's my understanding that they're going to be continuing their volunteer work in that area.

"Professor Edward W. Foss, Department of Agricultural Engineering, is going to be retiring June 30, 1980. He joined the faculty in 1949. Professor Foss' specialization is agricultural engineering technology, related to structures, construction, mechanization and rural safety. He's been active in three areas: teaching, research and extension. And he's distinguished himself as a person who's done an outstanding job in presenting information to youth and to adults through cooperative extension publications. In my conversation with him I noted that he said it's very likely he's going to be working with his son in Florida in a business of his son's called Access International. It deals with overseas operations of mechanical equipment. So it looks as though he might be doing some extensive traveling."

"Professor Chester H. Freeman from the Department of Communication Arts is going to be retiring June 30, 1980, having joined the faculty in 1945. He has been awarded the Agriculture and Life Science Professor of Merit Award by the Senior Class. He's been Parliamentarian for the Faculty Council of Representatives for several terms, and in the late 60's he was Parliamentarian for the Constituent Assembly. He's been chairman of the Department of Communication Arts from 1975 to the present. His special area has been teaching and research in oral and visual communication, particularly photography."

"The last name on my list is Professor Milton L. Scott, from the Department of Poultry Science. Milt retired November 28, 1979, with one of the most gala retirement parties I've ever attended. He joined the faculty in 1945. He is the Jacob Gould Schurman Professor Emeritus. His primary interest is in the field of nutrition and he is recognized as the world's foremost authority in poultry nutrition. He has worked with the poultry industry in the United States and worldwide. He has been chairman of the Department of Poultry Science; he has received awards for his outstanding contributions to poultry nutrition research on seven different occasions; and I understand as recently as last week in Lubbock, Texas, picked up another major award for his research. He continues to do worldwide consulting in poultry nutrition; and I understand he still finds time for tennis and golf. And one of the things that I could comment on about Professor Scott is his rebellious nature

concerning bureaucracy in administration. He has conferred with me many times about that. I noted that he is now independent of the bureaucracy and so I call him a free agent."

"The Dean, the Directors of the College and the Faculty of the College, asked me to thank each of you for all you've given to us and for all that you will continue to give us as we, in our college, enter the challenges of the eighties as we so neatly call them."

Provost Kennedy thanked Dr. Egner and next called on Dean Alain Seznec, College of Arts and Sciences.

Dean Seznec stated: "This is my first occasion as Dean to have the honor to talk a little bit about some of my senior retiring colleagues. It's a mixed feeling, obviously, for all of us, but primarily one of gratitude to them all from the rest of us. There are three members retiring from the College - one of whom is a joint appointee and therefore will also be talked about later."

"The first name on the list is that of Robert Elias, the Goldwin Smith Professor of English Literature and American Studies, who's been at Cornell since 1968 as a professor of American Studies and has been not only the chairman of the American Studies Committee, but one of its long time inspirations. He's widely known and respected in the field of American literature for his work in late 19th and early 20th century writers and their cultural context and his study of Theodore Dreiser. He has been an extraordinarily successful teacher at every level, from freshman writing all the way to the most complex seminars for graduate students. And certainly few people have done so much to bring the notion of American literature to the fore as he has during his career."

"The second professor to be honored is our joint appointment Professor George H. Hildebrand. Professor Hildebrand is the Maxwell M. Upson Professor of Economics and Industrial and Labor Relations. I see one of his colleagues here who will presumably present the Labor Relations side, but I did want to say something about him so far as our College is concerned. Professor Hildebrand has been at Cornell since 1960 for a 20-year career and he has, as just said, shared his work, his talents, his energy between two colleges bringing distinction to both of them. While he had the dubious honor of having an M.A. from Harvard, he did have the good taste to get a Ph.D. from Cornell. Professor Hildebrand exemplifies the spirit of Cornell in many ways. In particular, the mixture of the practical and the theoretical, of the applied and theoretical, not only in his writings but also of course in his career. I will not give you too many details because I'm sure my colleague will want to do that. But just as an example, he served as Deputy Under-Secretary of Labor while at the same time he has taught of course highly sophisticated courses at Cornell. His specialty is so broad and so large that it would be difficult to describe in just this brief presentation, but of course he's primarily known, at least for people like myself - a layman - for his work on employment and on collective bargaining. It has been a great honor for us to have him in the college. We will continue to count on his advice in the future in the Department of Economics and in the College as a whole."

"The last member of the College who is retiring is Professor Robert M. Palmer, the Given Foundation Professor of Music. He was educated at the Eastman School of Music and studied early in his career with two of America's most distinguished composers - Roy Harris and Aaron Copland. And he has followed in their tradition by becoming not only a composer himself of great distinction but training new generations of American composers. Professor Palmer has been at Cornell since 1943. He, too, I think exemplifies the particular aspect of the strength and quality of the Music Department which manages to combine the notion of creativity with that of theoretical knowledge and he has taught both composition and music theory with great distinction. He's been a visiting composer at so many institutions that I have the impression of one of the great world travelers before us and of course has had a great many works commissioned - which is a testimony to his

talent and the range of it. His most recent commissioned work so far as I know - but with Professor Palmer there may be one this week - was in 1979, his third sonata for piano. The range of his compositions is extraordinary and it has indeed been so broad that both instrumentalists and vocalists have been involved in it. I will cite just a few of the major works: three piano sonatas, a quartet for piano and strings, two symphonies, a piano concerto, and an oratorio. I leave aside the hundreds of smaller pieces. American music as well as Cornell is enriched by his presence and we are glad to say that he will continue to be here and to work with our students. Thank you."

Associate Dean Betty Lewis, representing the College of Human Ecology, was called upon to recognize the faculty members who are retiring from that College.

Dean Lewis stated: "The two faculty who are retiring from the College of Human Ecology have contributed essentially all of their professional lives to Cornell University. Sara E. Blackwell came to Cornell in 1948 as an assistant professor in the Department of Home Economics Education and in the next two years managed to complete her Ph.D. Degree from the University of Minnesota. She rose rapidly through the faculty ranks becoming full professor in 1957-58 and also chairman of the Department of Home Economics Education which she continued to hold until 1970. She's recognized nationally for her efforts in research in graduate education and curriculum development in home economics education. This was recognized by the University of Minnesota when they granted her the outstanding achievement award in 1973. On the local scene, however, she's famous because she was the chairman of a self-study committee which looked at the future of the then College of Home Economics. The leadership which she gave to that committee and the insight and foresightedness led to a report which has served as the basis for the College of Human Ecology as it has been evolving through the seventies. Not only did that report serve on the local scene in that capacity, but it has been a model for

Named professors, deans among those retiring during past academic year.

many other schools and units of home economics across the country.

"Rose E. Steidl preceded Sally Blackwell by one year, coming to Cornell in 1947 for the purpose of graduate education. And having completed all her degrees in the Department of Household Economics and Management, she joined the faculty ranks in 1957. She persevered in the college and through various reorganizations, ending up full professor in the Department of Design and Environmental Analysis and serving as chairman of that department from 1975 until she retired from that position last year. She is particularly noted for her research, and she has an international reputation in the relationships between workers, workplace and the nature of work particularly as it relates to the family and to the home. She has put much of her research effort into a nationally recognized book which is entitled, *Work in the Home*, which she co-authored with Esther Bratton. The College is indebted to these two faculty and I'm pleased to be able to recognize their contributions."

The Provost said he would next call upon Associate Dean John F. McManus from the College of Engineering, but before doing so, asked him to stand for a moment. "John also is retiring this year and it seems a little bit out of character or not quite appropriate for him to be introducing the other retirees without being recognized. John, as I understand it, and I didn't know this early enough to do my homework ahead of time, you first joined Cornell with an assignment in Buffalo during World War II and then came to the Ithaca campus shortly thereafter. And so that adds up to some 33 or

more years here plus several at Buffalo - let's call it 35 plus. I became acquainted with John in the early seventies when I was working with Paul McKeegan on trying to turn around the University budget - I might say unsuccessfully at that time - and became very well acquainted with John because every time there was a discussion with Engineering, John was sitting on the other side of the table and he is a formidable adversary - I can say that. He has money squirreled away where even the Dean doesn't know where it is. But in his defense, he served the College of Engineering exceedingly well, and I'm sure that through serving Engineering he's also served the University. Now, you may introduce the other, John."

Dean McManus began, "Keith, you should have kept right on going with the others. We have two of our retirees here this afternoon and I'd just like to point out first that both are from the School of Operations Research and Industrial Engineering; both are Cornellians and come from a line of Cornellians; and both have served the College for many, many years."

"The first I'd like to introduce is Professor Martin W. Sampson, Jr., who came to Cornell as a student in the late thirties, has been a member of the Faculty in various capacities since 1941, and has served the University in several capacities. Many of you know Marty in a role other than that as an Engineering professor. Early in his teaching career he became interested in the possibilities of extending teaching services in other directions, and from that interest he became involved in the administration of our Division of Basic Studies which is the unit that shepherds all of the freshmen and sophomores in Engineering through those horrendous first two years. And he became also involved in the Division of Unclassified Students which performs such a great service for students who are seeking to change directions at Cornell. Subsequently, he became the Director and then Dean of the Summer Session and Extramural Division at Cornell and served in that capacity for some ten years. So he's had a long career, both as a teacher and as an administrator, and as an innovator in extending education in

areas outside the normal classroom. Marty, congratulations and thank you."

"Our next retiree is Professor Andrew Schultz, Jr., and I don't know whether I even need to introduce him. I'm sure he's known to all of you, again in various capacities. Andy is the Spencer T. Olin Professor of Engineering. He came here as a student in 1932, so he has spent a good part of 50 years at Cornell, and in that period, again, he has given a great variety of service. He went through the academic ladder and subsequently either ascended to or descended, whichever way you want to look at it, to department head and then served for quite a few years as Dean of the College of Engineering. Andy has been active on many Cornell committees - University committees as well as college committees. He's been active in outside work. He has a wide industrial acquaintanceship, alumni acquaintanceship and has been active in consulting affairs. I think many of you know him as being someone who doesn't get restless Andy - when I asked him what I should say about him today, he said 'nothing'. I think you know him perhaps as an iconoclast and somebody who thinks otherwise, which is what a Cornell professor's supposed to do. Andy, thank you very much. It's been great to be a friend and to have known you all of these years."

The Provost asked Dean McManus if it was all right to indicate that Andy is known as the big A", and he so agreed.

The School of Industrial and Labor Relations was next to recognize its retiree and the Provost indicated that Professor Ronald G. Ehrenberg, Chairman, Labor Economics, would represent the Dean's office.

"It's a distinct honor for me to reintroduce my colleague both in the Economics Department and in the School of Industrial and Labor Relations, George H. Hildebrand, Maxwell M. Upson Professor of Economics and Industrial Relations. George's professional career was and continues to be outstanding and any brief summary of it could not even begin to do him justice. To touch on only a few sidelights, George is the author of over five major books and 30 major articles. I say over because the only copy of his vita which I could get hold of only went back to 1961 which is some 20 years after the start of his professional career. Secondly, George was a distinguished professor not only at Cornell but at UCLA and MIT. Thirdly, he was president of the Industrial Resource Association which is probably the highest honor which can be given to a scholar in the field of industrial relations. Fourth, as Dean Seznec has already indicated, he was Deputy Under-Secretary of Labor; he has been a Guggenheim, Ford Foundation and Fulbright Fellow, and finally he is a nationally noted arbitrator and mediator. Now rather than detailing George's illustrious career, Dean Doherty asked me if I could tell you about a few of George's personal characteristics which Bob and I feel made him such an outstanding colleague. First, George never cheated the University. He performed extraordinary service in a number of areas. For example, during the last five years, not only did he serve on the Presidential Search Committee, but he also was the founder and director of the Cornell Center for the Study of the American Political Economy all at the same time that he was carrying a full teaching load. And I think this points out that he always gave Cornell a 125%. He always placed his extensive external activities which are considerable behind his responsibilities to Cornell. Next, George is an outstanding teacher who although he is a man of strong personal convictions, never talked down to students and never attempted to stifle alternative viewpoints. George is also a man of utmost personal integrity and he is a man to whom one could confide professional or personal problems without fear that the whole world would shortly know about them. I think this characteristic of discretion is probably one of the characteristics which made him such an outstanding mediator and arbitrator. Fourth, George welcomed having a diverse faculty and he was instrumental in recruiting younger people with alternative methodological perspectives to his own - such as myself - to the School of Industrial and Labor Relations. And related to this, during his last few years at Cornell, he made no attempt to dictate the direction of the School that he would shortly leave. Rather preferring, and he told us this explicitly, to entrust the School's future to the younger generation of scholars that he had been instrumental in recruiting. And I think these brief remarks should convey to you how much we both in Industrial and Labor Relations and in Economics, feel a sense of loss in George's retirement. To sum it up, and I should say his retirement from Cornell because this will certainly not be a professional retirement, Cornell is far better off for his having been here and he is in truth irreplaceable. And if I could just take an analogy from George's favorite sport, if like baseball teams Cornell retired its professors' number, his T-shirt would certainly be hanging from the rafters."

The Provost said: "George, I believe your ability in collective bargaining is revealed here when you can be honored twice in the same day. Is that part of the job?"

For a final presentation, the Provost called on Professor James A. Gillespie, Chairman of the Veterinary Microbiology Department.

Professor Gillespie began: "When Dean Melby asked me to speak on his behalf before this Faculty for my good friend and colleague, Clyde I. Boyer, Jr., I was naturally very delighted, because how often does one get to talk about a close friend and a respected colleague before his University colleagues on the occasion of his or her retirement. Clyde and I were schoolmates and also business partners at an institution - a veterinary college south of Ithaca - it's called

the University of Pennsylvania. I think perhaps you might have heard about it. So as a consequence of having known Clyde in the veterinary college and as a business partner, we've known each other for about 44 years. He always was an eager beaver, so upon his graduation from veterinary college in 1940, he was called into service in the U.S. Army, as an officer. Many of us to this day really are very jealous of Clyde because of course he wanted to go off to the battle front, but as it turned out, he was assigned to the Caribbean. So he really fought a tough war as you might suspect. But this was very good in terms of his career because he was introduced to marine biology and also aquatic medicine, which as I will point out later, is one of his major achievements within the School. Fortunately, he did not encounter Jaws while he was there. He's an avid scuba diver. He's one of these people who apparently know no fear so he didn't mind being in those waters where there were sharks. He is now a retired reserve officer and as a matter of fact he was my commanding officer. While in Ithaca in the research and development unit, he achieved the rank of colonel. After he graduated, the University of Pennsylvania recognized a good thing so they asked him to come back as an assistant professor in clinical pathology, and he stayed at that institution for four years. Then a buddy of his enticed him away to the University of Georgia for two years, where he served as an associate professor of veterinary microbiology. In 1952 his Pennsylvania friends at Cornell got together and I think we might have had a little influence on Clyde's coming back to Cornell. In any event we were very pleased that he decided to cast his lot with Cornell in the Department of Pathology and Microbiology. He has been here for the last 28 years. With Clyde's excellent background in microbiology and pathology, he was uniquely trained to be a prime mover in the development of two major areas that are now very important in our College. One I already alluded to is aquatic medicine. He gave the first course on infectious diseases of fish in the College and this led to the aqua vet program which we now have. As a matter of fact, one of our departments changed its name from the Department of Avian Diseases to Avian Diseases and Aquatic Medicine. Clyde provided some of the early stimulus to this program. Perhaps his major contribution is in the area of laboratorial medicine and this is not only a contribution to the College but also to the University. To the best of my knowledge, this is the only large and meaningful laboratorial medicine program in a U.S. veterinary college and probably any veterinary college in the world. Clyde has contributed in many other ways to the College and the University. He has an excellent research record, and he is also very competent as a teacher. He has very widespread interests outside of his professional career that probably will play a very significant role in his second career. He's an avid outdoor person. He likes to fish. He likes to ski although once he broke his leg and was incapacitated for about six months. He enjoys hiking and of course I mentioned earlier he enjoys scuba diving. But more important perhaps is his interest as an amateur archeologist. So as he and his wife have already purchased a home in Arizona so that they can spend half their time in Arizona and half in Ithaca; he's going to become involved in a program at the University of Arizona as an amateur archeologist. Clearly, since they are going to retain a residence in Ithaca, we hope to see a lot of them around the College and the University. One point to me is very clear, the College and the University and also the city have benefited immeasurably through the last 28 years of the service not only of Clyde but of his wife. And we wish them well in their new careers."

Provost Kennedy said: "Two other retiring faculty members who are not able to attend are Charles D. Gates, Professor of Civil and Environmental Engineering, and Dr. Paul Darsie, Professor of Clinical Medicine." He then turned the floor back to the Speaker.

There being no further business, the meeting adjourned at 5:45 p.m.

Respectfully submitted,
Joseph B. Bugliari, Secretary

Appendices to Trustee Minutes

Meeting of May 21, 1980

RESULTS OF THE FCR ELECTION, Spring 1980

EXECUTIVE COMMITTEE - one non-tenured seat:

Donald F. Smith, Clinical Sciences.
EXECUTIVE COMMITTEE - 4 seats:
Wesley W. Gunkel, Agricultural Engineering.

George A. Hay, Law and Economics.
Billie Jean Isbell, Anthropology.
John P. Windmuller, Industrial and Labor Relations.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - 1 seat:

Donald J. Barr, Human Service Studies.

ACADEMIC PROGRAMS AND POLICIES COMMITTEE - 1 seat:

Edgar L. Casteiger, Physical Biology.

BUDGET COMMITTEE - 2 seats:

Thomas M. Lodahl, Business and Public Administration.

MINORITY EDUCATION COMMITTEE - 2 seats:

Vernon M. Briggs, Jr., Personnel and Human Resources Management, ILR.
Helen L. Wardeberg, Education; Associate Director, Instruction.

PROFESSIONAL AND ECONOMIC STATUS OF THE FACULTY COMMITTEE - 1 seat:

Errol L. Grinols, Economics.

ITEM FOR BOARD OF TRUSTEES

The Provost recommends approval of the Phased Retirement Program described below and the amendments to the Retirement Plan for Faculty and Exempt Employees and to the Cornell Children's Tuition Scholarship Plan in Schedule attached to this agenda. The Program and Plan amendments are to be effective July 1, 1980.

PHASED RETIREMENT PROGRAM TENURED ENDOWED FACULTY

Purpose: To provide an orderly transition to retirement through the availability of part-time service.

Eligibility: All full-time tenured Endowed faculty over age 60 and under age 70 who have ten years of service are eligible to apply for the Phased Retirement Program.

Procedure: Individual discussion should occur between the faculty member, department chairman and/or the Dean's Office to develop an agreed-upon set of duties and appointment dates. Appointments must be at least one-half time for one term each academic year, and should normally not exceed one-half time for the full academic year.

Benefits: During phased retirement the benefits plans will be modified as follows:

a) For those appointed for one-half time or more, benefits under the Group Life Insurance, Voluntary Accidental Death and Dismemberment, and the Retirement Plan (TIAA/CREF) will be based on the full-time equivalent salary.

b) For those appointed for less than one-half time the benefits will be based on actual salary as follows:

Group Life Insurance
Basic: 1 times salary
Supplemental: 3 or 6 times salary

Voluntary Accidental Death and Dismemberment

To 10 times salary
Retirement Plan
20% of salary

c) The following benefits apply regardless of percentage of full-time:

Cornell Children's Tuition Scholarship
As if full-time
Long Term Disability Insurance

Based on actual salary
Health Insurance
As if full-time

Explanation: The Phased Retirement Program has been designed to encourage tenured Endowed faculty age 60 or over to work part-time allowing a greater influx of junior faculty. Below is a chart showing the benefit levels for a tenured faculty member whose full-time equivalent salary equals \$40,000.

Percentage of Full-Time Worked

	If Full-Time	In Phased Retirement	
		50	25%
Salary	\$40,000	\$20,000	\$10,000
Group Life Insurance			
Basic	20,000	20,000	10,000
Supplemental	60,000	60,000	30,000
	or	or	or
	120,000	120,000	60,000
VADD	to	to	to
	\$200,000	\$200,000	\$100,000
TIAA/CREF (University Contribution)	\$4,000	\$4,000	\$2,000
LTD based on CCTS and Health Ins.	\$40,000	\$20,000	\$10,000
	same as	same as	same as
	full-time	full-time	full-time

PHASED RETIREMENT PROGRAM: TENURED ENDOWED FACULTY

Purpose: To provide an orderly transition to retirement through the availability of part-time service.

Eligibility: All full-time tenured Endowed faculty between the ages of 60 and 70 who have ten years of service are eligible to apply for the Phased Retirement Program. The program is available at the option of the faculty member, subject to two conditions:

Procedure:

(1) The set of duties and the appointment dates for the phased retirement must be reasonable in terms of the teaching, research and other needs of the University. (2) Appointments must be at least one-half time for one term each academic year, and should normally not exceed one-half time for the full academic year.

Benefits:

Individual discussion should occur between the faculty member, department chairman and/or a member of the Dean's Office to develop an agreed-upon set of duties and appointment dates. Any disagreements shall be resolved with the assistance of the Provost. During phased retirement the benefits plans will be modified as follows:

a. For those appointed for one-half time or more, benefits under the Group Life Insurance, Voluntary Accidental Death and Dismemberment, and the Retirement Plan (TIAA/CREF) will be based on the full-time equivalent salary.

b. For those appointed for less than one-half time the benefits will be based on actual salary as follows:

Group Life Insurance
Basic: 1 times salary
Supplemental: 3 or 6 times salary
Voluntary Accidental Death and Dismemberment

To 10 times salary
Retirement Plan
20 percent of salary
c. The following benefits apply regardless of percentage of full-time:

Cornell Children's Tuition Scholarship
As if full-time
Long-Term Disability Insurance
Based on actual salary
Health Insurance
As if full-time

Adopted by the Executive Committee of the Board of Trustees, July 8, 1980.

William T. Keeton

William T. Keeton, the Liberty Hyde Bailey Professor of Biology, died at his home on Sunday, Aug. 17, 1980. He was 47.

Professor Keeton was internationally known for his research on the behavior of homing pigeons.

He was the author of "Biological Sciences," a widely used college textbook, as well as a number of scientific papers and monographs and several other biology textbooks and laboratory guides.

Earlier this year, Professor Keeton was awarded the honorary doctor of science degree from Coe College for his international reputation for excellence in conducting research, textbook writing and teaching. In May he was elected to a five-year term as a Cornell faculty trustee, effective July 1.

Professor Keeton came to Cornell in 1958. He became chairman of the Section on Neurobiology and Behavior in July 1970, a position he held until 1976.

Professor Keeton is survived by his wife, Barbara; two daughters, Nancy L. and Lynn S.; a son, William S., and his parents, William and Doris Tinsley Keeton of Richmond, Va.

Private funeral arrangements are being made at the convenience of the family. There will be a memorial service on campus for Professor Keeton early in the fall. In lieu of flowers, contributions may be made to the Keeton Memorial Fund, c/o Neurobiology and Behavior, Langmuir Lab., Cornell University, Ithaca, N.Y. 14853.

Grant Will Fund Acid Rain Research

Cornell, Yale Professors Do Study

Acid rain, regarded by the federal government as one of the nation's most important environmental problems, will be studied further as the result of a \$250,000 grant from the Andrew W. Mellon Foundation to professors at Cornell and Yale.

The foundation has funded a joint proposal from Gene E. Likens, professor of ecology and systematics at Cornell, and F. Herbert Bormann, professor of environmental studies at Yale.

The grant will "support exploratory research on the effects of acid rain on ecosystems," the foundation said. It will be divided equally between the two universities, and

will support continuing work at the Hubbard Brook Experimental Forest in the White Mountains of New Hampshire.

Acid rain is a result of the burning of fossil fuels: gasoline, oil and coal. When these fuels are burned, sulfur and nitrogen oxides are released into the atmosphere where they can become sulfuric and nitric acid before falling back to earth in rain and snow.

It is generally thought that acid rain negatively affects the ability of soil to hold basic nutrients, thus hindering the growth of plants and trees.

"Acid precipitation is now com-

mon to much of the eastern United States," according to Likens. "Rain and snow at Hubbard Brook — a site carefully studied for the past 17 years — are highly acid and the problem is regional in scope."

Acid rain has been known to have a negative affect on the environment in England and Scandinavia. Unnaturally high levels of acidity in Norwegian streams have prevented the hatching of salmon eggs.

Extensive public attention to the acid rain problem began in January 1972, when the nation's press reported Likens' warning that mounting air pollution may be causing large increases in acidity in rain-

fall, with possible harmful affects on the earth's land and water resources.

Since then, research at Cornell and elsewhere has swept away the tentative aspect of Likens' first warning.

The National Science Foundation and other federal and private agencies have provided more than \$2 million in support of acid rain and related ecological research to Cornell alone during the 1970s.

Likens and Bormann plan to use the Mellon Foundation grant for several experiments involving special measurement techniques. Among the problems being studied

are the effect of acid rain on nitrogen fixation in plants, the predisposition of trees to disease and "insect stress" and the many variables of an entire ecosystem.

Likens has been recognized a number of times for his work at Hubbard Brook, which includes investigation of the effects of clear-cutting, a controversial timber harvesting technique, on the ecosystem.

A member of the Cornell faculty since 1969, Likens previously taught at Dartmouth College. He is a graduate of Manchester College and holds master's and Ph.D. degrees from the University of Wisconsin.

State's Blue Heron Population Increases

Other Areas of Country Show Decline

Scientists at the university's Laboratory of Ornithology have a pleasant enough puzzle to solve: For some reason — and apparently without much help from humans — the number of nesting pairs of great blue herons in the marshes and woodlands of New York State appears to be increasing.

If ornithologists can determine why the birds are doing so well in New York, they may be able to help other areas of the country where the species continues to decline.

And if the herons are, in fact, moving their nesting colonies in response to some factor such as acid rain, the location of the birds may

prove to be a valuable indicator for monitoring environmental quality.

Standing four feet tall on their spindly legs and spreading their wings six to seven feet as they soar and glide, the long-necked birds with the rakish plumes on their white heads seem to make people feel good just to watch them. That may account for the success Donald A. McCrimmon Jr. has had in recruiting non-professional observers throughout the state to report sites of nesting colonies.

Although abundant in the last century, only 41 great blue heron colonies were reported in New York in the 1960s. Recently, the National

Audubon Society placed the species on its "Blue List," indicating that the future of the birds is of special concern, according to McCrimmon, who serves as director of the Ithaca laboratory's Data Records Program and assistant professor of wildlife science. Concerned that pesticide residues were harming great blue herons, the research biologist began surveying nesting colonies in the state in the mid-1970s.

He found that the number of colonies was not only increasing, but that the birds were spreading from the north-south "heron belt" in the central portion of the state and that the average number of nests within colonies had more than doubled. McCrimmon, who has just completed an aerial survey of the state, reports at least 90 colonies active in the 1970s — with as many as 456 nests — in virtually all areas but southeastern New York and Long Island.

The birds appear to be moving their nesting sites from swamps and marshes to upland forests despite the fact that the demand for firewood has made the 50- to 100-foot trees, where the herons assemble platforms of twigs to raise their young, a sought-after commodity.

At the end of a food chain that begins with aquatic plants, the great blue herons were thought to be potentially susceptible to pesticide poisoning. "The great blue herons will eat fish, amphibians, reptiles, and rats — just about anything that wanders across their path that they think they can get down their throats," says McCrimmon.

Residues of DDT and other pesticides had been found in the eggshells of the herons, and the shells were becoming thinner in comparison to those of the 1930s and 1940s.

"But we haven't seen any evidence that the herons were negatively impacted by pesticide contamination," the researcher says. "We now believe that the pesticide problem was not the most important thing that hurt the birds, but rather, it was draining of swamps and encroachment of human activity. Agriculture has been a dominant force. A tremendous amount of land was cleared."

Reports from Wisconsin, Illinois and Ohio indicate that the species continues to decline in those areas, McCrimmon notes. "Nobody is sure

what is happening in the Northeast. The population size may be down in Vermont. There are reports that numbers are declining in the Southeast, in Tennessee, North Carolina and Virginia, particularly in the Atlantic coastal plain."

Also uncertain is the status of the great blue heron population in Florida, where the birds which breed and spend the summer in the Northeast may spend the winter. "The human population of Florida is exploding," says McCrimmon, "and the threat to the habitat is a real one. Many swamps and wetlands have been

drained." Recently, Florida state lawmakers recognized the problem of shrinking wildlife habitat and imposed restraints on development and wetland drainage.

The obvious question is why the great blue heron seems to love New York and the National Audubon biologist, who is two years into a formal, three-year survey of populations, aims to find the answer with the help of remote sensing data from satellites.

"We will now start looking at land use patterns by studying satellite photos of the state and trying to interpret them," McCrimmon says.

Athletic Hall of Fame

Names 18 New Members

Eighteen persons, four of them former Olympians, were named in August to the Cornell Athletic Hall of Fame. The announcement was made by Dick Schultz, director of athletics at Cornell.

The new members will join 78 others in the Hall of Fame when they are formally inducted at the third annual banquet to be held at 7:30 p.m. Friday, Sept. 19, at the Sheraton Motor Inn.

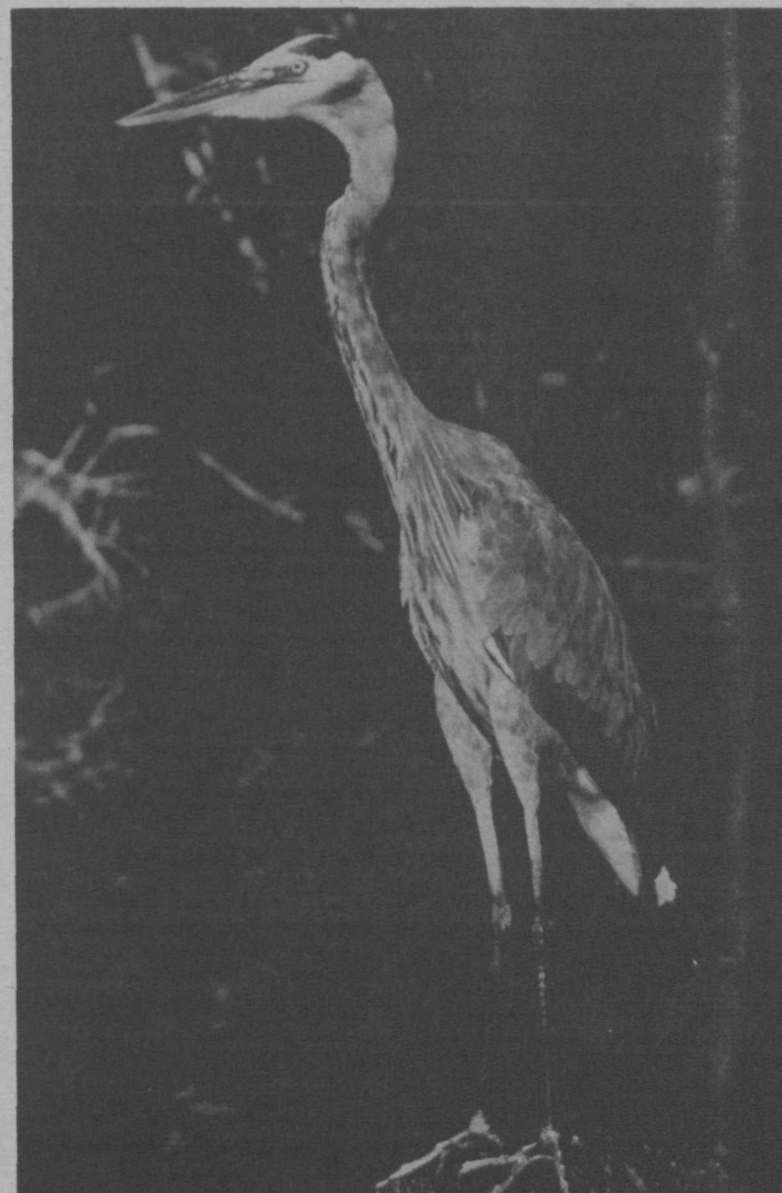
Heading the list of Olympians is 1926 graduate Henry Russell, a track sprinter who anchored the United States gold medal 400-meter relay quartet at the 1928 Games after setting a 75-yard dash world record as an undergraduate at Cornell. Other former Olympians are fencer Richard Pew, who was fourth in the epee at the 1956 Games; the late Georges Cointe, head trainer of the 1956 Olympic oarsmen, who coached Big Red fencing from 1935-61, including a 1955 IFA three-weapon crown; and the late Nicky Bawlf, long-time Cornell coach of hockey, soccer and lacrosse, who also handled the Canadian track and field team at the 1932 Olympics.

Among the new inductees are the late Walter O'Connell, who coached 11 Eastern Intercollegiate Wrestling Association championship teams at Cornell; the late football coach Gil Dobie, whose 1921-24 grid-iron teams won 26 straight; and the late Walter Carpenter, a member of

the 1908 Intercollegiate Track Championship team and a major donor of the university.

Also selected are Dave Aubie, NCAA 123-pound wrestling champion in 1959 and 1960; Peter McManus, a member of the 1930 IRA championship boat and commodore of the 1932 crew; hockey goaltender Laing Kennedy, the first three-time Big Red MVP; and Alva Kelley, an excellent football end who received All-America honors in 1940 and was a Cornell assistant grid coach from 1946 to 1949.

The other inductees are the late Charles V.P. (Tar) Young, Class of 1899, who starred in football and baseball, and was Cornell's first director of physical education; football and track star Hal McCullough, who was also assistant football coach for the Big Red; the late Romeyn (Rym) Berry, a 1904 graduate and athletic director from 1919-1936; A. Sidney Roth, an All-America football guard and lacrosse letterman; Leonard (Swede) Hanson, an excellent tackle and kicker on the undefeated 1921 and '22 football teams, and the 1922 and 1923 Intercollegiate light heavy-weight wrestling champion; 1956 All-Ivy quarterback Art Boland, who was also one of the finest sprinters in the East; and Jeffrey Fleischmann, a two-sport letterman in football and baseball, who led the grid team in scoring in 1948-49-50 and in rushing two seasons.



F.K. Truslow (Laboratory of Ornithology)

China Exchange Program Is Begun

Cornell Delegation Back from Mainland

Cornell has signed a memorandum of understanding to promote exchange of personnel and scientific information with the Chinese Academy of Sciences of the People's Republic of China, according to President Frank Rhodes.

Rhodes toured the Chinese mainland with a 10-member delegation of Cornell faculty and administrators for 21 days during July. He said the agreement is the first the Chinese Academy of Sciences has signed with an individual university. All such agreements have previously been with governments, he said.

The memorandum, which was signed by Rhodes and Vice President Qian San Qiang of the academy, is subject to the approval of Cornell's Board of Trustees.

After signing the agreement, Rhodes and the delegation met with Vice Premier Fang Yi in the Great Hall of the People, in Beijing.

Rhodes did not return to Ithaca with the Cornell delegation but stopped off in Hong Kong and made a brief trip to England before returning to Cornell on July 31. A more extensive report on the China visit will appear in the Sept. 4 Chronicle.

During their visit the delegation, which also included Provost W. Keith Kennedy, met with a total of 52 Chinese alumni of Cornell, the oldest of whom was a student at Cornell in 1916.

In addition to Kennedy and Rhodes the other members of the delegation were Milton J. Esman, the John S. Knight Professor of International Studies and director of

the Center for International Studies; Alison P. Casarett, vice provost and dean of the Graduate School; Alain Seznec, dean of the College of Arts and Sciences; Thomas E. Everhart, dean of the College of Engineering; Donald F. Holcomb, professor of physics; Walter H. Ku, professor of electrical engineering; Lee C. Lee, associate professor of human development and family studies and W. John McCoy, professor of Chinese language and Asian studies. Ku and Lee were born in China and McCoy is fluent in Chinese.

During the three weeks, the delegation met with scientists, faculty and senior administrators of the Chinese academies of sciences and social studies, the Ministry of Education and nine universities in five major cities as well as with scholars and scientists in a number of Chinese research institutes.

Memoranda of understanding were also signed with two Chinese universities. Others are being negotiated with five more universities and the Chinese Academy of Social Sciences.

In the past several years, more than 20 Cornell professors have visited and done research in China on an individual basis and as members of national delegations. Last year five official delegations of scientists from the People's Republic of China visited the Cornell campus.

Rural Sociology Group Holds Conference Here

Rural crime, poverty, land use, and role conflicts among farm women are among the topics to be discussed this week when the Rural Sociology Society (RSS) conducts its annual meeting on the campus.

In addition, a member of the White House staff and an official of the United States Department of Agriculture will address the society on the current administration's small community and rural development policy. Issued nine months ago, the policy is considered controversial by many interest groups concerned with rural issues.

More than 400 sociologists from the United States, Canada, and two dozen other countries are gathering here through Saturday for the annual meeting of the society. RSS promotes and develops the scientific study of significant rural issues

through research, teaching, and Cooperative Extension programs.

Lawrence Newlin, staff assistant to the president for inter-governmental affairs, provides the White House perspective on the policy relating to rural development and small communities. Also participating is Kenneth Deavers, director of the economic development division of USDA.

Views from the White House and the USDA will be presented Friday during a 9:30 a.m. session in Cornell's North Campus Union.

Other issues to be taken up during the four-day conference will include a cross-cultural comparison between Soviet and American farm women, industrialization, employment, quality of life in rural communities, and the transfer of family farms.

President Again Plans Series Of Breakfasts with Students

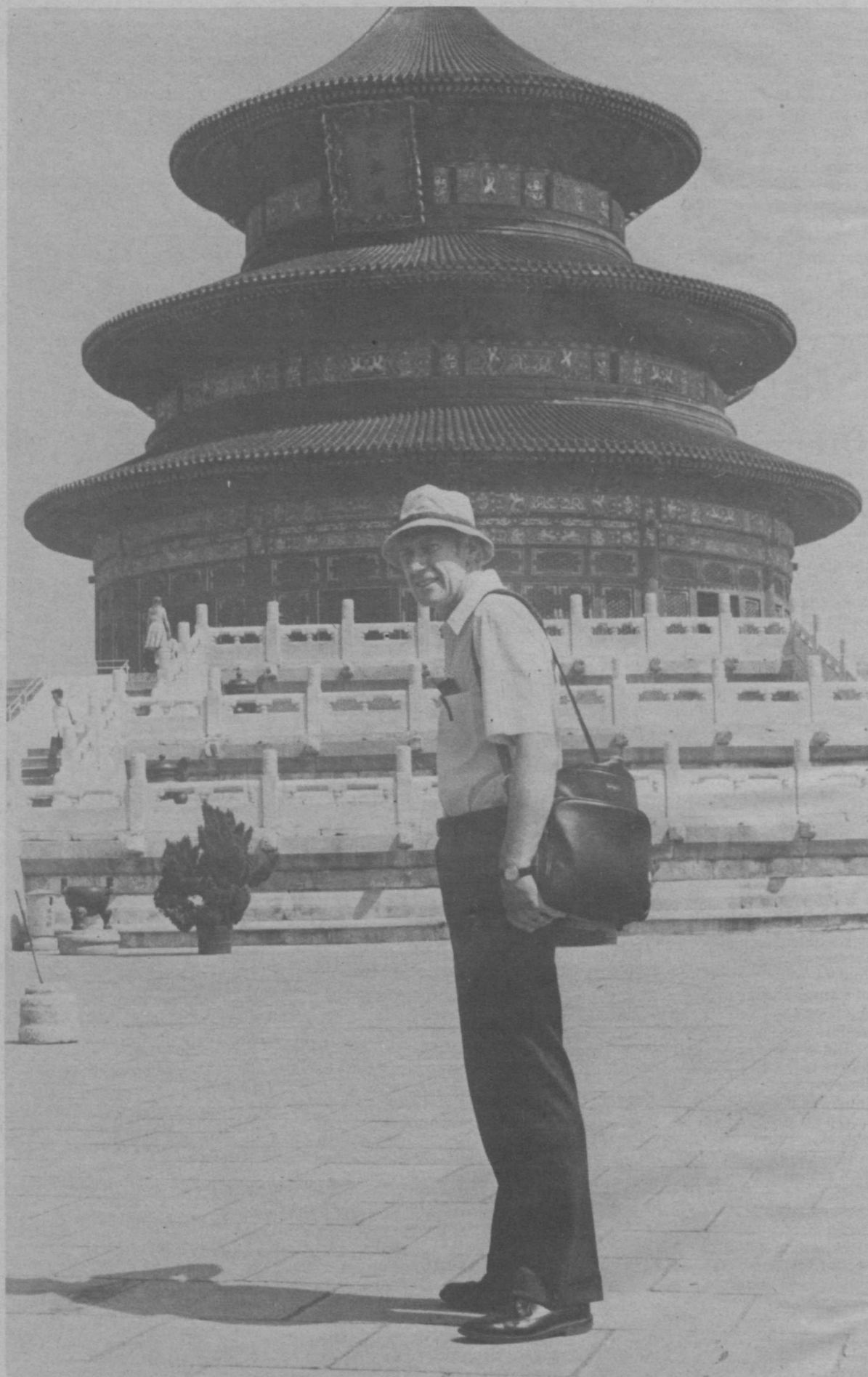
Students interested in having breakfast with President Frank Rhodes are invited to call his office at 256-5201 to make a reservation.

The breakfasts are a continuation of a program that began last fall. They will be held from 7:30 to 8:30 a.m. approximately every two weeks throughout the semester. Each breakfast will involve 15 stu-

dents.

The dates for the breakfasts are: Thursday, Sept. 4; Friday, Sept. 19; Tuesday, Sept. 30; Thursday, Oct. 2; Friday, Oct. 24; Friday, Nov. 14; Monday, Nov. 17; Thursday, Dec. 11; Friday, Dec. 19 and Tuesday, Dec. 23.

Students attending will be notified of the location when they call.



President Frank Rhodes in China as leader of a 10-member Cornell delegation to promote exchange of personnel and scientific information. Details and more photographs of the trip will be included in more extensive coverage in the next issue of Chronicle on Sept. 4.

NetWorking Pullout Section Inside

Newsletter by Employees..for Employees