

Cornell Chronicle

Volume 13, Number 15

December 10, 1981

Joy!



ANDREW DICKSON WHITE

1832 — 1918

FRIEND AND COUNSELLOR

OF

EZRA CORNELL

AND WITH HIM ASSOCIATED IN THE FOUNDED
OF THE CORNELL UNIVERSITY

ITS FIRST PRESIDENT 1865 — 1885

AND FOR FIFTY YEARS A MEMBER

OF ITS GOVERNING BOARD

Intersession Studies Planned on St. Croix

The West Indies Laboratory on St. Croix, U.S. Virgin Islands, will be the base for three-week undergraduate and graduate courses in tropical marine ecosystems and will as well be a resource for ten-day, non-credit programs in underwater biology and island botany, all offered this winter by the Division of Summer Session, Extramural Courses, and Related Programs.

Three concurrent credit courses are planned for Dec. 28, 1981 through Jan. 20, 1982 as part of Cornell University Summer Session St. Croix Marine Biology Program: Field Tropical Marine Biology, Undergraduate Research in Biology, or Special Topics in Evolution and Ecology.

The Field Marine Biology course, which is an introduction to the flora and fauna of coral reef ecosystems, and the undergraduate and graduate independent study courses are taught by William N. McFarland, Cornell professor of ecology and systematics, and John B. Heiser, director of Shoals Marine Laboratory.

Lectures, laboratory exercises, and snorkel or scuba diving field excursions are planned for various locations on and around St. Croix, according to Heiser, who notes that the island is a good place to study ecological impact because some parts have been heavily altered by human habitation and other areas are almost untouched. "Although St. Croix is in the American tropics, it is representative of the Third World and gives some perspective on social and cultural interaction," Heiser observes.

Cornell's Adult University plans two sessions of Winterlude II Jan. 4 through 13 and Jan. 13 through 22, 1982 in the same location. Leading

the Winterlude programs will be John M. Kingsbury, Cornell professor of botany, plant biology, and veterinary clinical science; Howard E. Evans, professor and chairman of the Cornell Department of Veterinary Anatomy; and Edward B. Brothers, Cornell assistant professor of ecology and systematics. Participants in the programs, which are designed for all ages and levels of experience, will be introduced to the many forms of life on island beaches and reef-protected waters, use the facilities of the West Indies Laboratory, receive briefings from researchers living in an underwater habitat, and explore the botany of St. Croix.

Scheduling the undergraduate and graduate courses and the Adult University program to allow sharing of facilities and common activities will provide a rare opportunity for intergenerational communication, according to Robert D. MacDougall, Dean of the Division.

"We are always seeking ways to encourage communication between the various age constituencies of the Cornell community," MacDougall said, also noting that the winter sessions round out Cornell's marine science capabilities. Two summer programs offered through Cornell, SEA Semester and the credit and non-credit courses at Shoals Marine Laboratory—the first a blue water marine science offering, the second a temperate zone offering off the coast of Maine—are now joined by a tropical program.

Additional information on the Winterlude II programs and the St. Croix Marine Biology Program is available from Cornell University Summer Session, B-12 Ives Hall, Ithaca, N.Y. 14853.

Hiring, Job Lists Information Reminder

Departments are reminded that, in order to conserve university funds, hiring will be restricted until after the first of the year.

No new employees may be put on the payroll as "Regular Employees" from Dec. 10, 1981, through Jan. 4, 1982, without the personal signature of the unit dean or executive officer. Transfers within the

university will not be affected.

Also, during the holiday season the Job Opportunities List for posting will be published on Dec. 16, 1981 and Jan. 6, 1982. Requisitions received by noon Dec. 18 will be posted in the Jan. 6, 1982 list.

Questions may be directed to University Personnel Services, 256-5226.



The Hangovers will be seen dashing through the snow (without the one-horse open sleigh) tonight as they go caroling around campus. The 11-member ensemble will begin their caroling at 9 p.m. at a "Straight Break" in the Ivy Room, Willard Straight Hall. From there they will continue on to various fraternity and sorority houses and to the other living units on campus. Members of the Hangovers are: First Row, Doug Herr (left), Jeff Sherman, Phil Hess, Joe Black and Nomi Cruz. Second Row: Mike Polk (left), Dave Ambler, Rob Mack, Phil Miller, John Hansen and Gene Stromecki. The group will be joined by The Cayuga's Waiters as they spread their holiday cheer.

Finance Charge Is Increased

The following is the text of a letter to Cornell students and their parents mailed Dec. 3 by University Controller John S. Ostrom to inform them of an increase in the university finance charge on unpaid bills:

"Due to the changing financial environment, we find it necessary to increase the finance charge effective with charges incurred after Jan. 7, 1982, by 1/4 percent per month. Thus Cornell University's finance charge on unpaid bills for tuition and other university charges, as well as for Cornellcard charges, will increase from an annual percentage rate of 12 percent to an annual percentage rate of 15 percent.

"Your registering for Spring 1982 semester shall constitute acceptance of this change in terms. This

change shall only apply to new charges made after Jan. 7, 1982, including tuition, housing and dining charges for Spring 1982. Indebtedness outstanding prior to Jan. 7, 1982, shall continue to be assessed finance charges at the 12 percent rate. In keeping with our past practice, all payments received will be applied to the oldest charges first.

"Please remember that this is a finance charge, not an interest charge, and is assessed only if the payments are not received by the due date printed on the bill. I emphasize 'received' because we cannot process payments by postmark (we find that almost half of the envelopes either have no date in the cancellation, or are illegible). The finance charge is incurred when the payment is one day late or more.

"The current finance charge was instituted in 1970. Then, as now, it was intended to encourage prompt payment of bills because unpaid bills cost the university money and contribute to higher charges for tuition and services. Lately, it has become harder for the university to do its business and pay its bills because an increasing number of people are late in their payments. Apparently this is happening because people have found it profitable to delay payment and incur the 12 percent finance charge while investing the money in something like a money market account that pays 15 percent or 16 percent interest.

"We regret the financial circumstances that make this change necessary."

Jobs

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

Administrative/Professional
Technical Services Manager, CP5 (Technical Services Facilities)
Teaching Support Staff/Dining Room Manager, CP3 (Hotel Administration)
Food & Beverage Manager, CP1 (Unions and Activities)

Clerical
Secretary, GR19 (Consumer Economics & Housing)
Secretary, GR18 (Natural Resources)
Personnel Assistant, GR18 (University Personnel Services)
Office Assistant, GR17 (Media Services-Printing)
Secretary, GR18 (Entomology)
Administrative Aide, GR20 (Engineering Administration)

Secretary, GR18 (Physical Education & Athletics)
Secretary, GR18 (Human Service Studies)
Secretary, GR18 (Electrical Engineering)
Office Assistant, GR16 (University Health Services)
Secretary, GR16 (Johnson Museum of Art) Service & Maintenance
Print Machine Operator, SO23 (Graphics Arts Services)
Maintenance Mechanic, SO21 (Residence Life/West Campus)
Animal Health Technician, GR18 (Clinical Sciences/LAC Isolation Facility)
Head Custodian, SO17 (Buildings and Grounds Care)
Custodian, SO16 (Varied)
Dish Machine Operator, SO16 (Cornell Dining)
Electronics Technician, GR24 (Mechanical & Aerospace Engineering)
Electronics Technician, GR24 (Biomedical Electronics Service)
Technician, GR21 (Vet. Microbiology)
Technician, GR21 (DCS, Mastitis Control)
Technician, GR20 (Agronomy)
Technician, GR18 (Agronomy)

Temporary/Part-time
Temp. Lab. Preparator, T-3 (Ecology & Systematics)
Temp. Technician, T-3 (Food Science)
Temp. Office Assistant, T-2 (Center for International Studies)
Dish Machine Operator, SO17 (Statler Inn)

Academic
Faculty Position-Medicine (Clinical Sciences, Vet. Med.)
Asst. Assoc., Full Prof. of Accounting (B&PA)
Asst. or Assoc. Prof. Architectural Design (Architecture, Art and Planning) (2)
Asst. or Assoc. Prof. Architectural Design Tech. (Architecture, Art and Planning)
Asst. or Assoc. Prof., Computer-Aided Technology (Architecture, Art and Planning)

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

Cornell Chronicle

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

Cornell Research \$129.1 Million in '80-81

Increases 13.6 Percent over Previous Year

Cornell conducted \$129.1 million worth of research in the 1980-81 academic year, according to a report from the Cornell Office of Sponsored Programs.

Total research expenditures in Cornell's three major divisions — the statutory and endowed colleges at Ithaca and the Medical College in New York City — increased 13.6 percent over the \$113.6 million reported last year.

Of the 1980-81 total, \$83.7 million or 64.8 percent came from federal government grants and contracts. Some \$17.2 million came from other sources such as foundation and industry sponsorship of research. Another \$6.2 million was budgeted for research by Cornell, \$18 million was budgeted by New York State, and \$4 million by the federal government.

Research at the endowed colleges (Art, Architecture and Planning; Arts and Sciences; Business and Public Administration; Engineering; Hotel Administration; and Law) totaled \$53.4 million, rising 14.6 percent over 1979-80.

In the statutory colleges (Agriculture and Life Sciences, Human Ecology, Industrial and Labor Relations, and Veterinary Medicine), some \$50.6 million in research was conducted, an increase of 16.6 percent over the previous reporting period.

The Medical College conducted \$25.1 million in research in the academic year 1980-81, or 6.4 percent above the amount spent in 1979-80.

Medical research led the way in a report of research expenditures by discipline, with \$30,955,212 in studies conducted at the Cornell Medical College and at other units of the university. Some \$20.6 million of the research was classified as agricultural.

Other research categories included physical sciences, \$19.3 million; life sciences, \$18.8 million; engineering, \$18.7 million; National Astronomy and Ionosphere Center, \$5.6 million; environmental sciences, \$3.6 million; social sciences, \$2.7 million; psychology, \$2.4 mil-

lion; economics, \$2.2 million; mathematical and computer sciences, \$2 million; sociology, \$1.2 million; political sciences, \$312,392; humanities, \$222,454; and unclassified, \$143,391.

Fields showing the greatest increase in research expenditures over the previous year were mathematics and computer sciences, an increase of 31.9 percent, and engineering, an increase of 31.3 percent.

Commenting on the 1980-81 report, Cornell Vice President for Research W. Donald Cooke said, "Cornell's research volume continues to grow at a healthy rate. The latest comparative information shows that the level of Cornell's research expenditures now places us seventh among other universities. This is the highest ranking we have had and is evidence of the research capabilities of the faculty."

Although research funding more than kept pace with inflation and the current year (1981-82) will probably not show a decrease, Office of Sponsored Programs Director Thomas R. Rogers warned that the outlook for Cornell's fiscal year 1982-83 is most uncertain.

"It is important to note that annual expenditure figures generally reflect the federal funding and budget situation of the previous year or year and a half," Rogers said in his annual report. "The real effects of changes in national priorities at the federal level are yet to be felt and most difficult to anticipate."

Some funding provided by the federal government in the past may, in the future, be channeled through New York State agencies as part of the block grant process, the Sponsored Programs director observed.

Industry support for Cornell research is increasing, but is still a relatively small proportion of total expenditures. About 4.6 percent or \$5.8 million came from corporations and trade associations, compared with 3.1 percent or \$1.5 million in the 1970-71 reporting period.

Among the reported activities that reflect the breadth of research at Cornell are these examples of funding from a variety of sources:

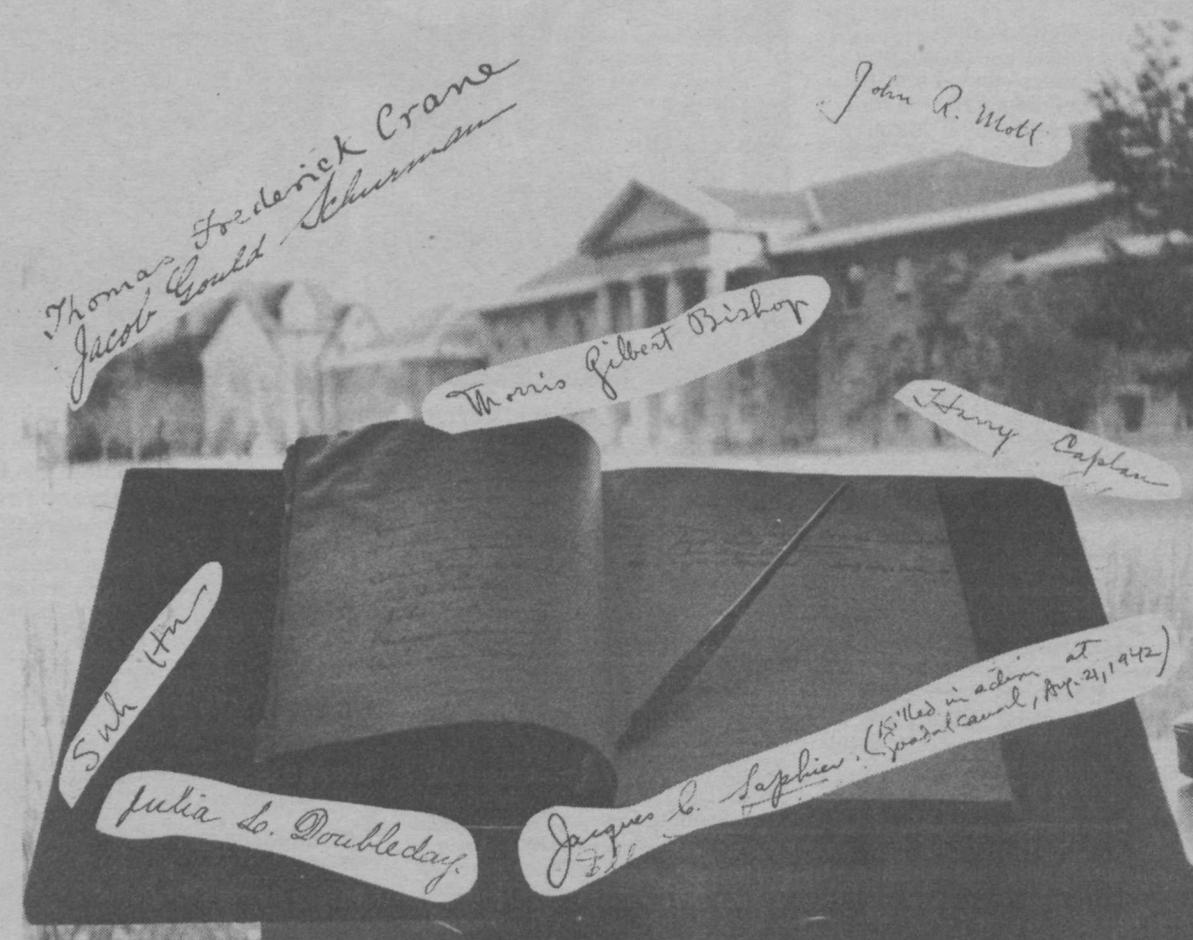
— The new Center for the Study of Race, Crime and Social Policy was established at Cornell with a \$564,540 grant from the National Institute of Justice. A forerunner in a new field of research for the College of Human Ecology, the center will focus on criminal behavior in relation to neighborhoods and larger structures of cities.

— Citibank of New York has renewed the Cornell Cooperative Extension's Handivan Program for its fifth year. The experimental urban revitalization project teaches home maintenance and repair from a mobile van in New York City.

— More than 160 contributions ranging from \$1 to \$10,000 were received in response to a letter from Assistant Professor of Classics Peter I. Kuniholm, written in the context of President Reagan's speech which noted reductions in the National Endowment for the Humanities budget and suggested funding from the private sector. Kuniholm, who uses dendrochronology or tree ring dating to trace climate changes as far back as 6,000 years, has been able to raise \$57,000 toward a \$66,000 NEH gifts-and-matching grant requirement.

— Cornell scientists won two of the three Proctor & Gamble Exploratory Research Program grants awarded nationally in the first year of that program.

— Funding from NCR Corporation to the Cornell Department of Modern Languages and Linguistics is aiding a Japanese Data Entry Program for the Computer. Until Cornell researchers developed an innovative keyboard system for Chinese language characters, typing and computer data entry could be performed only by highly-trained specialists. The so-called Chinese typewriter, which was also developed with funding from NCR, makes it possible for anyone with the Chinese equivalent of a junior high school education to learn the basics of typing in less than one hour and, with about a third the practice it takes English speakers to learn touch typing, to attain speeds of 50 characters per minute.



Funds Are Available For Social Sciences

The National Science Foundation has considerable funding for research in the social sciences, according to Otto Larsen, director of NSF Division of Social and Economic Science.

Speaking before some 100 Cornell social scientists during a recent inaugural celebration of the newly established Cornell Institute for Social and Economic Research, Larsen said some \$10 million is earmarked for social science research this year alone.

But as a result of the "rumors of the death of social science research funding," the number of proposals being received in Washington is down sharply. Not enough proposals are being received in the social sciences, and, if more are not received, the funding may dry up because the need will not be seen, he said.

This is happening, he said, at the

same time the importance of social science is being redefined by a federal administration that relies heavily on surveys and polls.

In addition, he said, as funding has been threatened, scientists from all quarters have rallied to the defense of social science.

The future of social science research, he said, is in the hands of centers like CISER. CISER he said has the strength of collective effort and the mechanism to bring together the best elements of many research ideas.

Robert McGinnis, professor of sociology, is director of CISER, which has offices on the third floor of Uris Hall. CISER was established in response to a need, perceived by outside review teams and by many on campus, to coordinate and enhance the research activities of social scientists from different colleges within the university.

Phi Beta Kappa Here 100 Years Old

As part of this year's observance of the 100th anniversary of the Cornell Chapter of Phi Beta Kappa, the membership book, above, which contains nearly 4000 signatures from the Class of 1883 through the Class of 1982, inducted Tuesday, is being placed in the University Archives. Those of the 103 new members present signed the book Tuesday as part of the initiation ceremonies at the annual dinner of the chapter in the Ballroom of the Statler Hall. Their signatures join those of such illustrious Cornellians as those seen above. The Cornell chapter was established in 1881 but the first class inducted was in 1883. There were nine in all, three of them women, including Julia S. Doubleday, the first junior class student admitted to Phi Beta Kappa at Cornell. This year's new members are listed below.

Scott R. Allen, Lisa S. Aronson, Kristen Barnard, Lawrence S. Bass, William L. Basuk, Patrick Bennett, Susan Y. Bookheimer, Bari M. Brandt, Richard P. Bress, Pamela J. Brewster.

Also, William R. Burley, Nina B. Butwell, Leslie Camithi, Judy A. Chaing, David Brait Cohn, Joseph M. Conte, Thomas D. Czik, Martha B. Daniels, Alan Dexter, Lawrence L. Diaz.

Also, Charles F. Donley, Steven Drexler, Robin M. Emanuel, Bradley Evanoff, Stephen Farley, Steve Feldman, Scott Fine, Jill E. Fisch, Thomas A. Fleming.

Also, Fred C. Foote, Gregory M. Foster, Deborah R. Geis, John W. Gilbert, Ron C. Glasser, Barbara Goldman,

Deborah B. Greene, Suellen L. Hamkins, Michelle Hart, Bruce E. Hedin.

Also, Louis G. Hering, Rafael Hirschfeld, Susan Hirschhorn, Robert C. Hoffmeister, Stacey H. Hunt, Brett Kahr, Robert Kasper, Jill A. Kirchner, Bettina S. Lee, Joan V. Lesmerises.

Also, Ross E. Levine, Bruce M. Lockhart, Joan M. Lucas, Jeanine Malito, Julie E. Mandell, Julianne Mangino, Michael P. Marder, Susan Marqusee, Marilyn Sue Mayer.

Also, Anne M. Mizel, Geoffrey G. Morris, Sarah B. Nemetz, Lawrence H. Newman, Margaret T. Olzak, Michael Panosian, John D. Perris, Adam S. Potkay, Susan E. Prensky, Timothy C. Purcell.

Also, Shahin Rafii, Nancy Ranno, Wendy E. Raymond, Mario C.

Rodriguez, Kenneth Rubenstein, Esther M. Ruberl, Philip J. Rudolph, Lee S. Rusakow, Suvir Sachdev, Alan B. Sachs. Also, Duane Sadowski, Jeffrey Seigall, Michael W. Shae, Yoskiki Shimada, Yoji Shimizu, Ramesh A. Shivdasani, Kevin P. Shoemaker, Matthew Siegal, Adarsh Singh, Andre Sofair.

Also, Susan Sternglass, Lawrence W. Swezey, Rebecca A. Thorne, Christopher Tirota, Cynthia Trowbridge, Osami Uehara, Raymond Victor, William Veillette, Janet Weinstein, Paul S. Weisman, David J. Weiss, Debra L. Wilburn, Keith Wilson, Paul Emerson Wright, Gary Dean Wu.

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

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

Weigh Station

Weight Reduction Classes are held every Thurs., noon-1 p.m. at the Block Building in Barton Hall. Everyone is welcome. If you have questions, call 277-3418 or 257-0853.

Legal Advice or Representation

The Office of the Judicial Advisor provides free legal assistance to students, faculty and staff accused of violating any of the university rules and regulations, i.e., the Campus Code of Conduct, the Statement of Student Rights and the Code of Academic Integrity. All consultations are kept strictly confidential. Call 256-6492 for an appointment or drop by B-12 Ives Hall.

Alcohol Abuse

"Alcoholism and Substance Abuse: A Student's Perspective," will be held from 1 to 3 p.m. Saturday, Dec. 12, in 314 Noyes Center. A Cornell student will relate first-hand experiences with alcohol abuse. Sponsored by ALERT. Free and open to the public.

Edible Art Contest

The third annual "Edible Art Contest" will be held noon-2 p.m. Saturday, Dec. 12, in the Ithaca High School Cafeteria. The event includes participants from the Hotel School, Cornell Dining and some Cornell fraternities. Admission: 50 cents, 25 cents for children 12 and under. Proceeds will go to the Tompkins County Arts Council.

Intersession Course

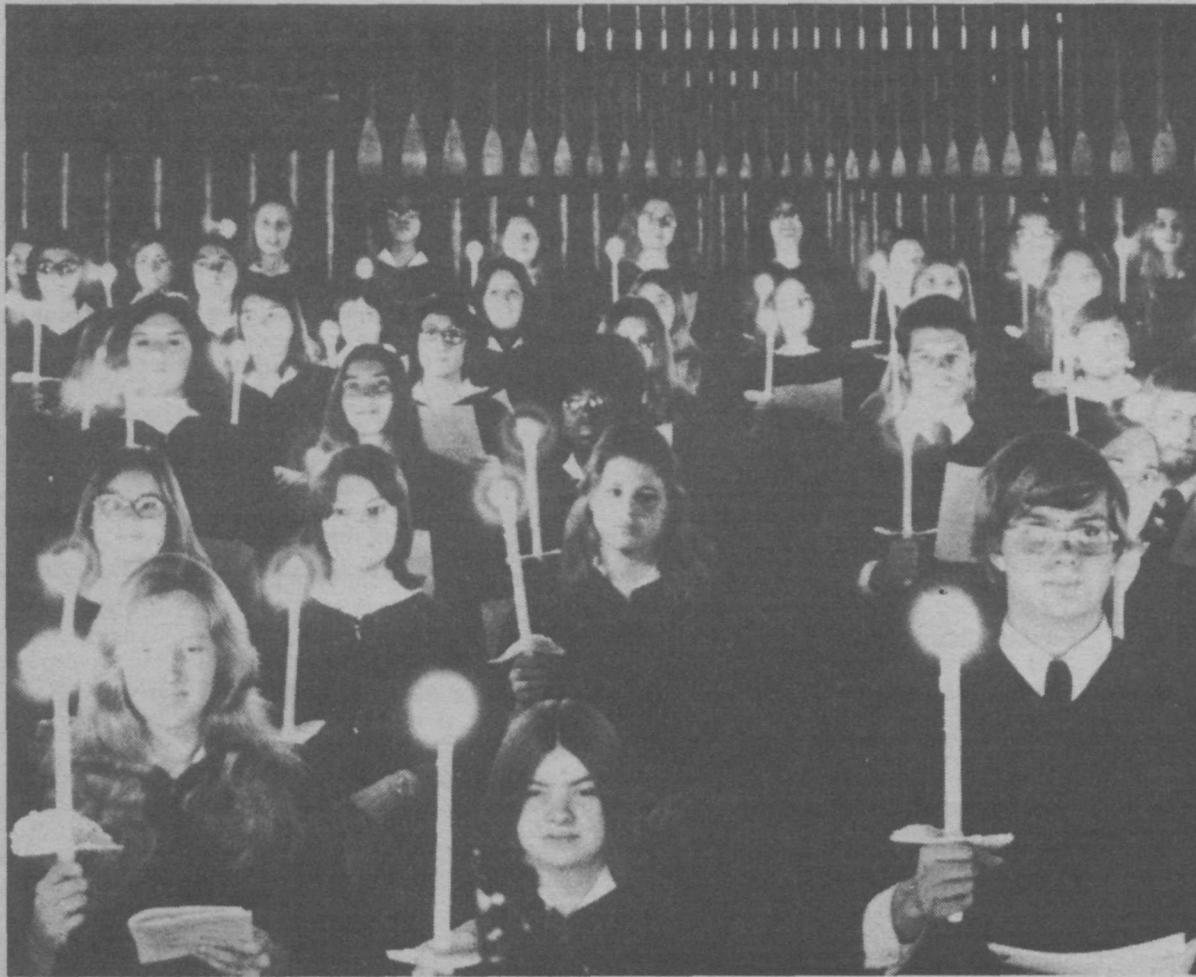
B.S. 309 (Small Animal Handling and Surgical Techniques) will be offered during Intersession. For information and required sign-up, see Diane Wittner in 213A Rice Hall (256-4439). Space is limited to first come, first served.

Winter Session Study

Registration for Winter Session Courses is being held 8:30-4 p.m. Monday through Friday, in B12 Ives Hall through Dec. 11. Several options for earning academic credit are available such as a special offering in tropical marine biology at the West Indies Lab in St. Croix, U.S. Virgin Islands; regularly scheduled courses and independent study. Contact the Division of Summer Session, Extramural Courses and Related Programs, B12 Ives Hall, 256-4987.

New York Telephone Show

New York Telephone Company will be holding a product show 9 a.m.-4 p.m. weekdays through Dec. 16 at the North Campus Union, 3rd Floor Dining area. They will be highlighted by working products such as fully electronic, computer based switching systems, new types



The annual Sage Chapel Christmas program will be presented at 8:15 p.m. tomorrow and Saturday. There will be an admission charge of \$1 at the door, with free admission for children under 12 years of age. The Sage Chapel Choir, under the direction of Donald R.M. Paterson, will perform. The program will be heralded by a chimes concert from the Library Tower and several selections by handbell ringers. Appropriate selections for the festive season will be read by members of the Cornell community.

of telephone systems, and the Bell System family of Data terminals. Appointments can be made by calling Del Decker at 256-5331.

Bound for Glory

Peggy Haine and the Lowdown Alligator Jass Band will be featured on WVBR's Bound For Glory at 8:30 p.m. Sunday, Dec. 13. The Dec. 20 program will feature Debbie McClatchy. Bound For Glory is broadcast live from the Commons Coffeehouse, Anabel Taylor Hall. Admission is free.

Travelling With Kids

Danilee Poppensiek will speak about the latest legislation governing restraint systems for children as well as ways to occupy children while taking long trips. 12:15 Tuesday, Dec. 15, Barnes Hall. For more information call 256-3608.

Dance

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

Exhibits

Olin Library "Ex Libris": book plates designed for Cornellians and others, from elaborate engravings to simple modern designs, through December.

Herbert F. Johnson Museum "Schemes: A Decade of Installation Drawings"; "Prints for Purchase," a sale of prints chosen by Barbara Blackwell, assistant curator of prints; "Seventeenth Century Italian Prints from the Sopher Collection"; "Sam Wiener: Metropolitan Container of Art." Museum hours are 10 a.m.-5 p.m. Tuesday through Sunday.

Lab of Ornithology "Birds, Wildflowers, and Landscapes" color photographs by William Albern. All are attractively framed and matted and are on

sale. The Laboratory of Ornithology is located at 159 Sapsucker Woods Road. Open 8 a.m.-5 p.m. Monday through Thursday; 8 a.m.-4 p.m. on Friday, and 10 a.m.-5 p.m. Saturday and Sunday. Free parking is available.

Tjaden Hall Gallery "Color photographs by Laurie Sieverts Snyder" Dec. 7-13. Reception at 5 p.m. Thursday, Dec. 10.

Goldwin Smith Gallery "Misunderstanding Art with the Sound of Light," an installation by Alex Wisniewski, through Dec. 21.

Films

Thursday

Dec. 10, 8 p.m. *Uris Auditorium. "Repulsion" (1965), directed by Roman Polanski with Catherine Deneuve, Yvonne Furneaux, John Fraser. Cosponsored by the Psychology Dept.

Friday & Saturday

Dec. 11, 12, 10:45 p.m. *Statler Auditorium. "Manhattan" (1979), directed by Woody Allen with Woody Allen, Diane Keaton, Meryl Streep.

Dec. 11, 12, 7:30 p.m. *Statler Auditorium. "West Side Story" (1961), directed by Robert Wise with Natalie Wood, Richard Beymer, Rita Moreno.

Dec. 11 (10 p.m.) & 12 (7:30 & 10 p.m.) *Uris Auditorium. "Loulou" (1980), directed by Maurice Pialat, with Isabelle Huppert, Gerard Depardieu, Guy Marchand.

Sunday

Dec. 13, 2 p.m. *Uris Auditorium. "Superfilmshow: Film as Art for Kids," directed by many different directors, with a very varied cast. Admission \$1. Cosponsored by Ithaca Youth Bureau.

Dec. 13, 8 p.m. *Uris Auditorium. "Model" (1980), directed by Fred Wiseman, with documentary cast.

Monday

Dec. 14, 9 p.m. *Uris Auditorium. "The Tenant" (1976), directed by Roman Polanski with Roman Polanski, Isabelle

Adjani, Shelley Winters. Limited to Film Club members only.

Tuesday

Dec. 15, 8 p.m. *Uris Auditorium. "Five Easy Pieces" (1970), directed by Bob Rafelson with Jack Nicholson, Karen Black, Susan Auspach.

Wednesday

Dec. 16, 5:30 & 8 p.m. *Uris Auditorium. "McCabe & Mrs. Miller" (1971), directed by Robert Altman with Warren Beatty, Julie Christie.

Thursday

Dec. 17, 5:30 & 8 p.m. "Discreet Charm of the Bourgeoisie" (1972), directed by Luis Bunuel with Fernando Rey, Delphine Seyrig, Stephane Audran.

Friday

Dec. 18, 8 p.m. *Uris Auditorium. "The Great Trailer Show," a compilation of great trailers (coming attractions) from various movies.

Saturday

Dec. 19, 8 p.m. *Uris Auditorium. "An American in Paris" (1951), directed by Vincente Minnelli with Gene Kelly, Leslie Caron, Oscar Levant.

Lectures

Thursday

Dec. 10, 4:30 p.m. 221 Goldwin Smith Hall. "Henry James and the Poetics of Postponement," Suzanne Nalbantian, Department of English, C.W. Post College, Long Island University. Sponsored by the Department of Comparative Literature.

Thursday

Dec. 10, 4:45 p.m. 405 Malott Hall. University Assembly meeting.

Tuesday

Dec. 15, 12:15 p.m. B8 Roberts Hall. Employee Assembly meeting.

Every Tues., 9 p.m. Hug Ivri-Hebrew Club meeting. Speakers of Hebrew at all

December 1981						
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

levels welcome. For more information, call Michael at 277-2168.

Every Thurs., 7:15 p.m. Willard Straight 207. Gay PAC business meeting followed by 8 p.m. discussion. Different topic each week.

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

Music

Thursday

Dec. 10, 8:15 p.m. Barnes Hall. Student Chamber Music.

Friday

Dec. 11, 8:15 p.m. *Sage Chapel. Sage Chapel Christmas program directed by Donald R.M. Paterson. The program will be repeated at the same time on Saturday, Dec. 12.

Friday and Saturday

Dec. 11, 12, 8:15 p.m. *Anabel Taylor Chapel. Concert by Ithaca A Capella, directed by Gerald Wolfe, featuring "a Messe de Nostre Dame. Tickets at \$3.50, on sale at Borealis Bookstore, McBooks, and at the door.

Sunday

Dec. 13, 3 p.m. *Bailey Hall. Handel's Messiah. Cornell Chorale and Cayuga Chamber Orchestra conducted by Karel Husa.

Religion

Friday

Dec. 11, 7:30 p.m. 101 Phillips Hall. "Jesus," a movie show. Sponsored by the Chinese Bible Study Group.

Dec. 11, 7:30 p.m. Loft 1, Willard Straight Hall. "Christmas Xmas: What's the Difference." Sponsored by the Campus Crusade for Christ.

Sunday

Dec. 13, 7:30 p.m. Sage Chapel. Ecumenical Christmas Service led by the Protestant Church at Cornell under the direction of Ronald Place, United Ministries Chaplain.

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

Every Fri., 6:30 p.m. Anabel Taylor Founders Room. Shabbat Conservative Service.

Every Fri., 6:30 p.m. Anabel Taylor Chapel. Shabbat Reform Service.

Every Fri., 7:30 p.m. 106 Eastern Heights Drive. Baha'i fireside discussion. For details call 273-4240.

Every Sat., 9 a.m. Anabel Taylor Edwards Room. Shabbat Orthodox Service.

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

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

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

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

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

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

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

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

Every Thurs., 7 p.m. Anabel Taylor Founders Room. Christian Science Organization Testimony Meeting. Faculty and students welcome.

Seminars

Atomic & Solid State Physics: Theory Seminar: "Equilibrium Crystal Surfaces," Michael Wortis, University of Illinois, 1:15 p.m. Thursday, Dec. 10, 701-702 Clark Hall.

Atomic & Solid State Physics: Special Solid State Seminar: "Structural Transition and Homogeneous Nucleation in Superionic Conductors," Priya Vashista, Argonne National Laboratory, 1:30 p.m. Friday, Dec. 11, 701-702 Clark Hall.

Biochemistry: "Purification and Reconstitution of the Nicotinic Acetylcholine Receptor," Richard Haganir, 12:20 p.m. Monday, Dec. 14, 125 Riley Robb.

Boyce Thompson Institute: "Why are Plants Poisonous to Vertebrates and Insects?," John Kingsbury, 3:15 p.m. Wednesday, Dec. 16, BTI Auditorium.

Center for Applied Mathematics/Computer Sciences: "I/O Complexity," H.T. Kung, Carnegie-Mellon University, 4 p.m. Friday, Dec. 11, 165 Olin Hall.

Ecology & Systematics/Neurobiology & Behavior: "The Dynamics of Metapopulations: Is the New Model General?," Douglas E. Gill, University of Maryland, 12:30 p.m. Thursday, Dec. 10, Penthouse, Langmuir Lab.

Ecology & Systematics: "Electrophoretic and Karyotypic Variation in Orchard Populations of the Pine Vole, *Microtus pinetorum*," John W. Wilson, 4:30 p.m. Wednesday, Dec. 16, Penthouse, Langmuir Lab.

Floriculture and Ornamental Horticulture: "Effects of Soil Heating on Chrysanthemums," Idris Mohamed-Ahmed, 12:15 p.m. Thursday, Dec. 10, L.H. MacDaniels Room, 37 Plant Science.

Genetics: "Mutants in, and Molecular Cloning of, an RNA Polymerase-II Locus of *Drosophila*," Arno Greenleaf, Duke University Medical Center, 4:30 p.m. Monday, Dec. 14, 135 Emerson Hall.

Materials Science and Engineering: "Use of Analytical STEM for Study of Diffusion and Precipitation in Materials," M.R. Notis, Lehigh University, 4:30 p.m. Thursday, Dec. 10, 140 Bard Hall.

Microbiology: "Motile Behavior of Spirochetes: Bioenergetics, Evolution, and Neurophysiology," E.P. Greenberg, 4:30 p.m. Thursday, Dec. 17, 124 Stocking Hall.

Natural Resources: "Social Impact Analysis of Natural Resource Development and Management in LDC's — the Resident Population Problem in National Parks," Patrick West, University of Michigan, 4 p.m. Thursday, Dec. 10, 304 Fernow Hall.

Natural Resources: "Life History and Primary Productivity of Wetland Sedges," John M. Bernard, Ithaca College, 4 p.m. Thursday, Dec. 17, 304 Fernow Hall.

Plant Biology: "Solute Unloading in Developing Soybean Seed Coats," Francis Hsu, 11:15 a.m. Friday, Dec. 11, 404 Plant Science.

Southeast Asia Program: "The State of the Text: Reading Javanese Poems Historically," Tony Day, University of Sydney, 12:20 p.m. Thursday, Dec. 10, 102 West Ave.

Toxicology: "Suicide Among the Fish and Fireflies: Some Experiences with Pesticide Active Metabolites," R.M. Hollingworth, Purdue University, 12:15 p.m. Friday, Dec. 11, NG-02 MVR.

Vegetable Crops: "Fluid Drilling and Responses of Germinated Seed to Environmental Stresses," A.G. Taylor, 4:30 p.m. Thursday, Dec. 10, 404 Plant Science Bld.

Sports

Saturday

Dec. 12, 8:15 p.m. Oxley Polo Arena, Men's Varsity (women) of Cornell.

Theater

A production of "The Shepherds' Play" will be presented at 8 p.m. Saturday, Dec. 19, in the Chapel. Anabel Taylor Hall. The production, sponsored by the Cornell Anthroposophy Study Group of the Center for Religion, Ethics and Social Policy, is free and open to the public.

The play, according to William Riggins, graduate student and member of the study group, comes from the small island of Oberufer on the Danube. Since the middle ages, it has been passed down, virtually unaltered, from one generation to the next, each part going to a descendant of the person who played it before, Riggins said.

The first complete copy was collected in the 1840s by Karl Julius Schroer and was translated by the British educator A.C. Harwood with music composed by Leopold van der Pals, based on the original folk melodies.

"The play is based on the nativity story in the Gospel of St. Luke," Riggins said. "There is plenty of humor and

action for young children, warmth and feeling for older children and enough depth and meaning for the wisest adult head."

Saturday

Dec. 12, 8 p.m. "Hollis E. Cornell, Goldwin Smith Hall. "A Voice of My Own," written by Elinor Jones and directed by Marcy Gamzon. Tickets on sale at Smedley's Bookstore, 119 E. Buffalo St., and at the door. Co-sponsored by the Women's Studies Program and Hordes of Womyn Coffeehouse Collective.

Graduate Bulletin

January 29, 1982.

Grants for Improving Doctoral Dissertation Research are available from the National Science Foundation. Applicants must be enrolled at a U.S. institution and must be conducting doctoral dissertation research in the environmental, behavioral, neural, or social sciences. The grants are intended to provide funds for items not normally available from the student's university or from other sources. Examples of allowable expenses are: research-related travel, specialized research equipment, supplies, sample survey costs, and payments to subjects or informants. Up to six months should be allowed for the processing of the application by the NSF. Proposals must be submitted through the Office of Sponsored Programs, 123 Day Hall.

Check the Fellowship Notebook at your graduate faculty representative's office for information on the awards whose deadlines are listed below. Unless otherwise stated, applications must be obtained directly from the sponsoring organization.

Jan. 1: American Bar Foundation Fellowships in Legal History — awards are granted for periods of 3 to 9 months and provide a maximum stipend of \$6000. Applicants must have the LL.B. or J.D. in law, the Ph.D. in history or a related subject, or must have passed the qualifying exam for the Ph.D. in history or a related subject.

Jan. 1: American Institute of Pakistan Studies Fellowships — are available to scholars and advanced graduate students in the humanities and social sciences who are engaged in research on Pakistan in ancient, medieval or modern times. Several categories of awards are offered, providing maintenance and dependents' allowances.

Jan. 1: Business and Professional Women's Foundation Fellowships and Research Grants — for research pertaining to working women. Applicants must be U.S. citizens at the doctoral or postdoctoral level.

Jan. 1: Zonta International/Amelia Earhart Fellowships — provide grants of \$5000 to women entering or continuing a full-time graduate program in astrophysics, molecular biology, aerospace engineering, or space medicine.

Jan. 12: Woodrow Wilson National Fellowship Foundation — several types of grants are available to faculty and to doctoral candidates writing dissertations on a topic concerning women. Amounts of awards vary.

Jan. 15: Andover Teaching Fellowship Program/Phillips Academy — Approximately 10 appointments will be made. Consideration will be given to applicants planning careers in teaching, particularly at the secondary level, in the areas of art, English, mathematics, classics, French, German, Spanish, Russian, biology, chemistry, physics, music, history, or social studies.

Jan. 15: Bell Laboratories Cooperative Research Fellowship Program for Minorities/Graduate Research Program for Women — awards provide a stipend of \$600 per month plus full tuition for the academic year. Applicants must be U.S. citizens or permanent residents who are women and/or members of an ethnic minority group underrepresented in the sciences and who have been admitted to

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.

THE OFFICE OF SPONSORED PROGRAMS

The Office of sponsored Programs will observe the University holidays and be closed on the following days: December 24, 25, 28, and 29. We will be open, with a skeleton staff, on December 30 and then closed on December 31 and January 1. Please have any proposals with deadlines in late December to the Office by December 14 in order to assure timely review for forwarding to proposed sponsors.

THE NATIONAL INSTITUTE ON AGING

The National Institute on Aging has set a February 1 receipt deadline for applications for PROGRAM PROJECT RESEARCH GRANTS. Program project grants will be regarded as mechanisms to further research and fully exploit existing knowledge to meet well-defined N.I.A. programmatic objectives.

Program projects will be broad in scope involving a number of established investigators drawn from various specialties who have assembled as a team to examine a specific research objective or central theme. The project shall, therefore, consist of several individual sub-projects submitted and supported, but in which there is a definable advantage to the research effort or to the NIA by combining these into a single overall proposal. Priority will ordinarily be given to applications that come from interdisciplinary teams who have, or who intend to create, a formal interdisciplinary program in aging.

The total direct costs requested for the first year should not exceed 10 percent of the total budget. To be eligible for award as a program project, an approved application must contain a minimum of three subprojects. Priority areas are as follows: I. Priority Areas in Biomedical Research and Clinical Medicine: (1) Nutrition in relation to health of the aged and aging processes; (2) Pharmacology Program; (3) Gerontological and geriatric dermatology; (4) Differentiated cells in culture; (5) Senile dementia of the Alzheimer's type; (6) Geriatric medicine research; (7) Urinary incontinence. II. Priority areas in Behavioral Sciences Research: (1) Studies of the maintenance of health and effective functioning in the middle and later years. (2) Cohort-longitudinal studies which serve as the data base for interdisciplinary research and potentially for secondary data analysis.

A letter of intent should be submitted through the Office of Sponsored Programs by the prospective principal investigator prior to submission of an application. The letter, in no more than two single-spaced typewritten pages, should include a statement highlighting the central theme and objectives of the proposed program project; a brief description of each subproject; an annual budget for the overall program and for each subproject.

NASA SEEKS UNSOLICITED PROPOSALS FOR ADVANCED ENERGETICS PROGRAM

The National Aeronautics and Space Administration is interested in advanced concepts for energy processing in space. "Advanced Energetics" is a term defined to encompass all energy processing system elements having space application and which will incorporate traditional, newly emerging or unconventional concepts. The energy processing elements include the areas of (a) sources; (b) conversion techniques and devices; (c) storage; and (d) transmission or distribution systems and components. Concepts to be investigated should be high risk and innovative; but, if successfully developed, could provide substantial performance improvements for space missions beyond the 1990's. Proposals should be submitted prior to February 1, 1982, to assure consideration for FY 1982 funding.

AMERICAN BAR FOUNDATION PROGRAM ON LEGAL HISTORY

Fellowships and grants of up to \$6,000 for 3-9 months are awarded to encourage and assist scholars to do original research in English and American legal history. Applicants must hold or have passed the exams for a Ph.D. in history, or the LL.B. or J.D. in law.

THE MCKNIGHT FOUNDATION SCHOLARS AWARDS

To stimulate research in neuroscience, especially as it pertains to memory, five Scholars will be supported with an award to the sponsoring institution of \$30,000 for each of three successful years to be used for salary and direct costs. Eligible applicants are those who hold an M.D. or Ph.D. degree, have not completed more than five years of postdoctoral research, and who show evidence of a commitment to a continuing career in neuroscience.

MODERN LANGUAGES ASSOCIATION OF AMERICA - JAMES RUSSELL LOWELL PRIZE

One prize of \$1,000 plus a certificate to the member of the Association who has published during the previous calendar year an outstanding literary or linguistic study, a critical edition, or a critical biography.

ARCHAEOLOGICAL INSTITUTE OF AMERICA - OLIVIA JAMES TRAVELLING FELLOWSHIP

Stipends (minimum of \$5,500 for one academic year) awarded to Americans involved in the fields of classics, sculpture, architecture, archaeology, and history. The proposed project must necessitate travel in Greece, the Aegean Islands, Sicily, Southern Italy, or Asia Minor, including Mesopotamia. Three letters of reference must accompany the candidate's completed application form.

KOSCIUSZKO FOUNDATION - AWARDS FOR POLISH STUDIES

Scholarships and Exchange Program - Scholarships and grants of from \$500 to \$1,000 for doctoral candidates of any ethnic background who are specializing in Polish language, literature and history. Grants are also available for research and publication of scholarly books relating to Polish culture.

GRANTS FOR GRADUATE AND POSTGRADUATE STUDY IN POLAND. Grants covering tuition and housing plus a maintenance allowance for Americans or Canadians wishing to spend a year at a Polish institution of higher learning. Priority is given to university faculty wishing to spend a sabbatical year in Poland and to doctoral candidates whose dissertations require study and research in Poland. Candidates should speak fluent Polish.

PROGRAMS FOR STUDY IN POLAND. The Foundation sponsors the following study programs: Year Abroad at the University of Cracow, closing date January 15; Year Abroad at the Catholic University of Lubin, closing date January 15; Summer Sessions in Poland, closing date, February 1.

SCHOLARSHIPS AND GRANTS FOR AMERICANS OF POLISH BACKGROUND. The Foundation offers a number of awards between \$500 and \$1,000 for American Students of Polish descent working in various subjects in the humanities, social sciences, and natural sciences. Particulars of the awards are available from the Foundation.

Preference is given to candidates with active involvement in Polish community affairs.

HUNTINGTON LIBRARY - RESEARCH AWARDS

This program awards grants for significant research in the collections of the Library in the fields of English and American history and literature as well as English art history. No grants are awarded for doctoral dissertations. The grants are of two types:

— Short-term awards: from one to five months with stipends of \$750 per month.

— Long-term awards: made available

Continued on Page 6

through a grant from the National Endowment for the Humanities, from six to twelve months, with awards adjusted to need up to a maximum of \$1,667 per month.

For more information, contact the Office of Sponsored Programs, 123 Day Hall.

NATIONAL SCIENCE FOUNDATION - ALAN T. WATERMAN AWARD NOMINATIONS

The deadline for receipt of nominations for the 1982 Alan T. Waterman Award is December 31, 1981. The Award, presented annually to an outstanding young scientist, mathematician or engineer, will be announced and presented in May 1982. For further information and/or a copy of the guidelines for submission, contact Mrs. Lois Hamaty, Office of Planning and Resources Management (357-7512).

SUPPORT OF ADVANCED COAL RESEARCH

The Office of Fossil Energy in the Department of Energy is interested in research proposals from colleges and universities for research on advanced concepts related to coal science. The purposes of this overall effort are to improve our fundamental scientific and technical understanding of the chemical and physical processes involved in the conversion and utilization of coal and to discover new approaches to coal conversion and utilization.

In order to develop a focused national and regional program of university research on coal science, the Department is particularly interested in fundamental research pertinent to coal conversion and utilization related to the following topics:

— Coal Science Studies on reactivity and chemical structure of coal, physical and chemical characteristics of coal or coal liquids related to conversion and utilization processes, and new analytical methods applied to coal.

— Surface science related to coal and/or catalysts useful in coal conversion.

— Organic and inorganic chemistry of coal and coal constituents, e.g., hydrogen transport and reactivity, asphaltene/polymer chemistry, chemistry of reactive intermediates, isotopic chemistry.

— Mechanisms and kinetics in coal conversion and utilization chemistry.

— Thermodynamic and transport properties important in coal conversion; predictive techniques; supercritical phase behavior.

Within these objectives, the Department is also interested in the following generic goals: (1) To stimulate the highest quality innovative research projects related to coal science in order to extend the base of fundamental coal knowledge. (2) To encourage faculty members and their institutions to undertake coal-related research or to continue their work in this area. (3) To encourage university-industrial collaboration in the form of industrial cost sharing of the research and plans for periodic review of progress with the industrial sponsor.

NEW AND IMPROVED CONCEPTS IN COAL LIQUEFACTION

The Office of Fossil Energy in the Department of Energy is interested in proposals for applied research related to innovative concepts for new and improved methods of liquefying coal. The objectives are to explore a variety of ways that may provide meaningful improvements in the liquefaction of coal that could be incorporated into advanced liquefaction processes and provide an improved understanding of the fundamental science that underlies coal liquefaction. In particular, technical goals for this NPI are (1) to seek improvements that increase the yield of distillate products, improve the quality of primary liquid products, increase the rate of liquefaction, decrease the amount of hydrogen required, reduce the pressure and/or temperature of liquefaction processing, and simplify processing required subsequent to primary liquefaction, and (2) to broaden the scientific and engineering knowledge base related to such improvements.

In order to stimulate research activity for these subjects, the Department is

interested in receiving research proposals on the following specific topics related to coal liquefaction: (1) Exploratory Development, (2) Reaction Chemistry, and (3) Catalysis and Kinetics.

Non-exclusive examples of research problems related to the above topics are as follows:

1. Exploratory Development
— Novel concepts in coal liquefaction that have potential for large scale application.

— Innovative methods for increasing the reactivity of coal for liquefaction.

2. Reaction Chemistry
— Elucidation of unwanted side reactions that lead to reduced effectiveness of recycle solvents.

— Knowledge of the identity of free radicals/reactive intermediates in coal liquefaction and the rates of their formation and decay.

— Novel reactions that have potential for large scale liquefaction of coal.

3. Catalysis and Kinetics
— Development of coal liquefaction catalysts that exhibit improved activity, selectivity or process life, with special emphasis on catalysts effective at reduced temperatures and pressures.

— Hydrocracking catalysts with increased activity and on-stream life for coal liquefaction.

— Means of concentrating dispersed-phased slurry catalysts for recycle to coal liquefaction reactor.

Proposals must describe research with coal and coal-derived products. The experimental conditions of temperature and pressure should be relevant to those necessary for coal liquefaction on a practical scale.

Within these topical objectives, the Department of Energy is also interested in the following generic goals: (1) To promote university and private sector long range research related to the liquefaction of coal. (2) To stimulate innovative research projects related to the above coal liquefaction topics. (3) To stimulate fundamental but applied research efforts which may lead to results useful in the development of new and improved methods for the liquefaction of coal. (4) To encourage qualified researchers to undertake or continue worthwhile research on coal liquefaction.

For more information, call the Office of Sponsored Programs, 123 Day Hall.

HUMAN DEVELOPMENT DISCRETIONARY FUNDS

The Office of Human Development Services (OHDS) has announced that competing preapplications will be accepted for new research, demonstration, evaluation and training and technology transfer grants as authorized by its multiple discretionary funding program legislation.

This program uses a two stage application process. The first stage requests a preapplication, consisting of a concept paper, to be received no later than January 15, 1982. The second stage is by invitation only.

Eleven priority areas have been identified for the January deadline. If interested, contact the Office of Sponsored Programs for a copy of these areas. OHDS expects \$35,000,000 to be available for this program.

DIRECTORATE FOR SCIENTIFIC TECHNOLOGICAL, AND INTERNATIONAL AFFAIRS - ETHICS AND VALUES IN SCIENCE AND TECHNOLOGY

Grants for projects concerning the ethical rules and social standards that govern the conduct of scientific and technological activities, including the selection of research priorities and the application of research results. Highest priority is assigned to projects that deal with issues of demonstrable importance of nonspecialists in science and ethics and that include a well-developed plan for disseminating their results to as broad a range of concerned individuals and groups as possible. Five categories are given, not to limit the scope of the projects, but to suggest the nature of the program: (1) issues in the education and professional conduct of scientists and engineers; (2) issues of obligations and constraints associated with institutions and organizations; (3) issues associated

with new developments in science and technology; (4) effects of changing ethical and social values and expectations upon scientific priorities and upon the conduct of scientific and technological activities; and (5) ethical issues and value assumptions in decision-making processes involving science and technology. Types of projects and activities may be: disciplinary and multidisciplinary research (including case studies); workshops of national scope; conferences and workshops; experimental workshops and other types of projects; projects of national scope; colloquia; and projects to lay a foundation for significant future work.

For more information, please contact: Division of Intergovernmental and Public Service Programs, Rachel Hollander, Acting Program Manager, Room W-666, (202) 357-7552.

DEADLINES DEPARTMENT OF EDUCATION Bilingual Vocational Training Program

The purpose of the awards is to provide bilingual vocational training to persons who are from environments where the dominant language is other than English. Bilingual Vocational Instructor Training Program One new project to provide training programs for persons seeking to improve their skills and qualifications as instructors in bilingual training programs.

The Deadline is January 6, 1982. For more information, contact the Office of Sponsored Programs.

INTERNATIONAL RESEARCH AND STUDIES PROGRAM

The purposes of these awards is to assist researchers to conduct studies and surveys to determine the need for increased or improved instruction in modern foreign languages; to conduct research on methods of teaching foreign languages; to develop testing procedures to evaluate foreign language competence, and to develop specialized materials.

The deadline has been set for January 11, 1982.

Review Board Correction

Because of some dropped lines the page 7 article in last week's Chronicle concerning the majority and dissenting opinions of the University Review Board in the "Day Hall 16" case was incorrect as printed.

The first full paragraph in column two should have read: The second conversation occurred in connection with an editorial written by "B". In that conversation, "C" expressed disagreement with a point made by him that the community should not distinguish among the individual members of the "Day Hall 16", but rather, should treat them as a group. "C" expressed the view that it might be (appropriate to distinguish between the conduct of the different members, apparently) in reference to the fact that different charges had been leveled against different members of the group.

"C" also objected to the use of the word "crucify". Again, according to "B", "C" expressed no views about their innocence or guilt. The comments apparently were made in

Graduate Bulletin

Continued from Page 5

a graduate program in the sciences: chemistry, computer science, economics, electrical engineering, psychology, materials science, mathematics, operations research, physics, or statistics.

Jan. 15: Council for European Studies Pre-Dissertation Fellowship Program — awards provide up to \$2000 for pre-dissertation study in Europe. Applicants must be citizens or permanent residents of the U.S. or Canada, and must have completed by June 1982 at least two years of study in the social sciences or history at an American or Canadian university.

Jan. 15: Charles LeGeyt Fortescue Fellowship — provides a stipend of \$8500 to a student in electrical engineering. Preference is given to applicants in the first year of graduate study.

Jan. 15: Phi Beta Kappa/Mary Isabel Sibley Fellowship — applicants must be single women between 25-35 years of age who hold the doctorate or who have fulfilled all the requirements for the doctorate except the dissertation. Eligibility is not limited to members of Phi Beta Kappa. Recipients must devote full time to research during the fellowship year.

Jan. 15: Bell Laboratories Cooperative Research Fellowship Program for Minorities/Graduate Research Program for Women — awards provide a stipend of \$600 per month plus full tuition for the academic year. Applicants must be U.S. citizens or permanent residents who are women and/or members of an ethnic minority group underrepresented in the sciences and who have been admitted to a graduate program in the sciences: chemistry, computer science, economics, electrical engineering, psychology, materials science, mathematics, operations research, physics, or statistics.

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Jan. 15: Smithsonian Fellowships — postdoctoral, doctoral, and graduate fellowships/grants are available to all qualified individuals in the biological sciences, history of art, or anthropology. Amounts of awards vary.

Jan. 31: Aerojet-General Corporation/Josephine de Karman Fellowship — eighteen fellowships of \$2500 for one academic year will be awarded; awards are renewable. Fellowships are available to students entering their senior undergraduate year and to graduate students entering their third year (or beyond) of graduate study in fall 1982. Applicants in all fields of study are eligible. Special consideration will be given to applicants in the humanities.

Barton Blotter

"Take it home, before they do," is the best advice the Department of Public Safety can offer students concerned about burglaries over the term break.

Safety suggests taking easily resold items such as televisions, stereo equipment and camera equipment home.

As Safety points out in a poster tacked up all over campus, particularly in dormitories: "It's that time again, term break and despite extra patrol efforts, an increase in residence hall, house, and apartment burglaries can be expected."

Other suggestions offered are: properly secure your room or apartment, have bikes registered, stored or take them home with you, join operation identification.

In short Safety says, "Mark it and lock it or kiss it goodbye."

According to Safety's morning reports some \$1,400 worth of cash and valuables were reported stolen in 18 incidents during the week of Dec. 1 through Dec. 6. Three largest single theft involved \$304 in cash, paycheck and credit cards belonging to Judy Eastburn of Trumansburg. They were taken from Emerson Hall Dec. 4 sometime between 2:30 and 4 p.m.

Some \$230 in clothing and cash were taken from Lauren Hill of 22 Fairview Square, left Monday, Dec. 1, in a locker in Grumman Squash Courts.

Seven cases of criminal mischief totaled \$1,100 in damages. Most incidents involved window breakage, one a window worth \$750 at the Noyes Center Pub.

Final Examinations

I. If any examination day is cancelled due to inclement weather conditions, the canceled examinations will be held the next day at the same time and place. The remaining examination days will be moved one day later, with makeup examinations to be given on Dec. 24.

II. If two consecutive days of examinations are canceled, makeup day will be eliminated. Makeups will be scheduled in the evening. The procedure for canceled examinations will be the same as in I, except the examinations will be held two days later. For example, if days 1 and 2 are canceled, examinations for day 1 will be given on day 3 and day 2 examinations will be held on day 4.

Questions should be directed to the Office of the University Registrar, 222 Day Hall, 256-4232.

Cornell Edition of 1978 Pinot Noir Is Ready, Its Character Now Developed

"From the vine came the grape; from the grape came the wine; from the wine will come more than \$200,000 to Cornell University" to paraphrase a line from a 1950s popular song — and to describe the current status of an unusual gift to Cornell.

In the spring of 1980, the three owners of CLOS DU BOIS Wines of Geyserville, Calif., all Cornell alumni, presented 38,500 gallons of 1978 Pinot Noir Alexander Valley wine to their alma mater.

After nine months in small French oak barrels developing its character, the wine is now available. All proceeds of the sale of this limited edition — expected to be \$220,000 — will go to Cornell as an unrestricted gift.

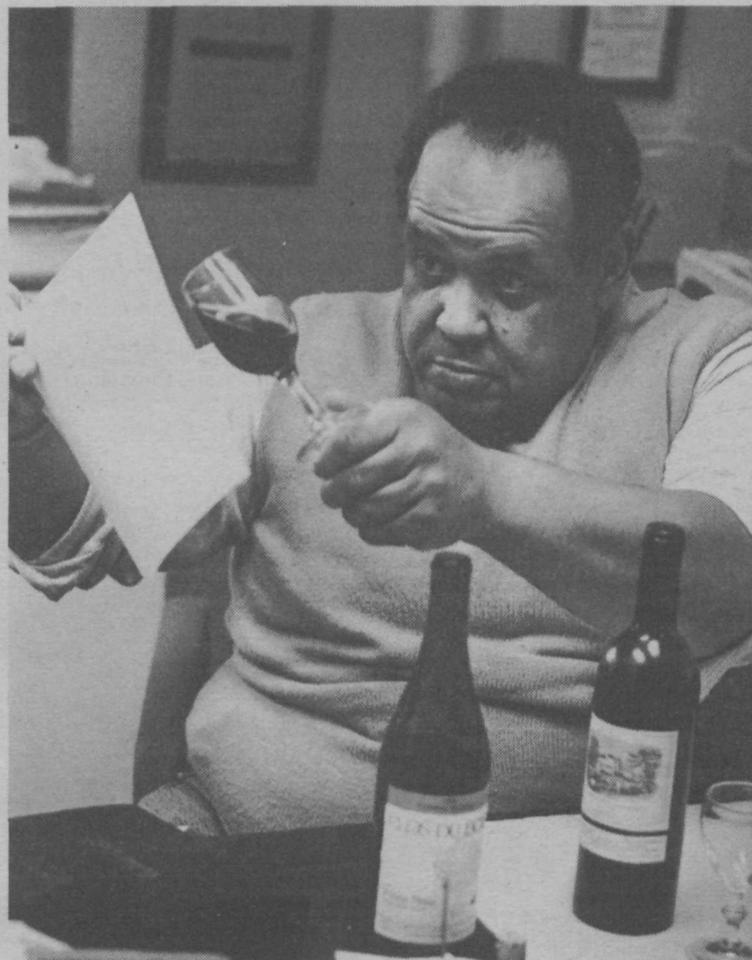
The donors are Thomas Reed of Alexandria, Va., J. Dennis Malone of San Rafael, Calif. and Frank Woods of San Francisco. Reed and Malone both graduated from Cornell in 1955, Woods in 1954.

Reed is chairman of the board of River Oaks Vineyards and CLOS DU BOIS Wines. Malone is president of the vineyard and Woods is president of the winery.

Cornell alumni will be able to purchase the wine by the case at a discount through an advertisement in the December issue of the Cornell Alumni News. The wine will be available to the general public at retail outlets later this month.

Vance Christian, the Villa Banfi Professor of Wine Education at Cornell and an internationally-known wine expert, calls the Cornell Edition Pinot Noir "light, fruity, well-balanced, excellent. It's very, very drinkable as either accompaniment to a meal or by itself. It's superb with cheese."

"This special Cornell Edition Pinot Noir has an attractive ruby



The viscosity of the Cornell Edition of Pinot Noir wine provides a first clue to its quality for Vance Christian, the Villa Banfi Professor of Wine Education.

red color and a Burgundian aroma with overtones of spice and oak," according to the winery. "It is smooth with the good fruit flavor of ripe currants and a refined finish which lingers on the palate.

"This is an excellent accompani-

ment to robust meals of baked ham, red meat dishes and wild game," the announcement continued. "It is an elegant wine now, and proper cellar age will continue to enhance its bouquet and rich flavor for several years to come."

Increased Security Measures Taken After Recent Rapes in Campus Area

Recent rapes and attempted rapes in the area of campus have prompted a number of increased security measures. Following is a statement of William D. Gurowitz, vice president for campus affairs:

"There have been three rapes and three attempted rapes near campus within the last two months. All have occurred just off campus, four in the North Campus area, one near West Campus and one in Collegetown. As a result, a number of measures have been taken.

"There is increased surveillance on and around campus. The Cayuga Heights and Ithaca Police are giving their full cooperation. The 'Blue Light' bus service route has been somewhat extended, now going down Dearborn Place and Heights Court to Highland Avenue, south on Highland to Thurston Avenue, then proceeding back across campus. The buses run every half hour from 6:27 p.m. to midnight Monday through Friday, and are free.

"The Ithaca Transit bus service runs until 1:17 a.m. and proceeds from Married Student Housing in upper North Campus, across campus, through Collegetown in downtown Ithaca and up to Ithaca College.

"There are 25 Blue Light phones

located around campus. These phones connect directly to the Department of Public Safety located in Barton Hall. If you are in trouble, it is only necessary to knock the Blue Light phone off the hook for Public Safety to be alerted. Five more Blue Light phones are being installed and will be operational in the very near future.

"All students and other members of the community should go about their normal activities, but follow precaution and common sense in

getting around campus. Walk with one or more friends, use well traveled routes and ones which are well-lit.

"If a rape or rape attempt occurs, Public Safety should be contacted immediately (phone 256-1111). If the victim wishes to talk with a woman, female officers are available. Also, rape counselors can be contacted through Suicide Prevention and Crisis Service (272-1616). Anonymity is maintained by both services."

Board Okays Facilities Projects

Renovations to Upson Hall, repairs to a Central Heating Plant boiler, and development of plans for an independent telephone system on the Ithaca campus were approved Tuesday by the Board of Trustees Executive Committee.

Meeting in New York City, the trustees authorized spending \$160,000 to renovate the fifth floor of Upson Hall for the Department of Computer Science. Renovations, including installation of a raised floor and increases in electric and air conditioning capacity, are in support of a five-year program to up-

grade research computing activities of the department, which has been awarded one of five Coordinated Experimental Facilities Grants from the National Science Foundation.

The Department of Computer Science will use the \$2.5 million grant to install a new computer and peripheral equipment, and to provide support staff for the research activities. The renovation work will be funded by the College of Engineering.

An appropriation of \$193,000 was approved to install an undergrate

Judicial Administrator

Case Reports—November 1981

NO. OF PERSONS	VIOLATION	SUMMARY DECISION
1	Illegal entry into Noyes Dining	WRITTEN REPRIMAND; \$20 fine OR 7 hours of community service
1	Theft of food from Dining	WR; \$15/5 hrs. of c.s.
11	Theft of food from Dining	WR; \$20/7 hrs. of c.s.
2	Illegal entry into Noyes Dining	WR; \$10/3 hrs. of c.s.
1	Forged a University registration permit	WR; \$50/17 hrs. of c.s.
1	Endangerment to others	WR; \$125 suspended fine
5	Participation in the theft of a grandfather clock	WR; \$100/33 hrs. of c.s.
1	Alleged non-compliance with a Safety Officer	Oral Warning
1	Discharge of a fire extinguisher	WR; \$125 fine(\$50 suspended) \$75/25 hrs. of c.s., and \$8.80 restitution
1	Theft of an extension ladder	WR; \$100/33 hrs. of c.s.
1	Discharge of a fire extinguisher	WR; \$125 fine(\$50 suspended) \$75/25 hrs. of c.s.
1	Illegal entry into locked room in McFaddin Hall	WR; \$40/13 hrs. of c.s.
1	Alteration and possession of a stolen "U" parking permit	WR; \$100/33 hrs. of c.s.
1	Alteration of a "U" parking permit	WR; \$50/17 hrs. of c.s.
1	Possession of a stolen "U" parking permit	WR; \$100 suspended fine

Minorities Enter In Record Numbers

A record number of minority students — 611 — has entered the university this fall as freshmen or transfers.

Information on 1981 minority enrollment at Cornell was provided recently to the university's Minority Education Council by Carl Brown, associate dean of admissions and financial aid.

Minority students numbered 560 freshmen and 51 transfers among this year's 2,838 freshmen and 473 transfers at Cornell, Brown reported. Minorities represent 18.5 percent of new students in 1981.

Brown attributed the increase to broader and better coordinated student recruitment efforts by Cornell. "In addition," Brown said, "the recent immigration of Vietnamese and Cambodians has increased the number of young minority men and women who are seeking a college education."

The totals in all admissions areas — applications, acceptances, enrollment and "yield" (the number

of accepted students who actually enroll) — are up for minority students at Cornell in 1981 over the previous high year, 1980.

In 1981, a total of 3,719 minority students applied, 1,175 were accepted, 611 enrolled — a yield of 52 percent. Last year there were 2,892 minority applicants, 1,036 accepted, 526 enrolled — a yield of 50 percent.

Asian students represent the largest number of the new minority students, 260. Blacks, with 195 new students, are second. There are 138 Hispanics, 12 Native Americans and 6 "other" minority students.

Brown and other university officials continue to be concerned about the number of black, Hispanic and Native American students at Cornell because those three groups continue to be underrepresented in the student population.

A total of 2,043 minority students represent 13 percent of Cornell's overall enrollment this fall. Minority enrollment has shown a steady increase over the last three years. 9.9 percent in 1979, 11.2 percent in 1980, 13 percent this year.

Total minority enrollment has more than doubled since 1970 when the figures stood at 851. Total university enrollment increased from 14,933 in 1970 to 17,316 in 1980.

ash removal system on Boiler No. 8 at the Central Heating Plant. The project, which will permit the boiler to operate more efficiently, will be financed through the budget of the heating plant.

Also authorized was a budget increase, from \$100,000 to \$130,000 for a telecommunications system study. The initial phase of the study, which is aimed at establishing a university system to replace the 10,000-line system now owned by New York Telephone Co., has been completed by the Network Analysis Corp.

Brief Reports

Holiday Music

Compliments of CU

Cornell will sponsor an hour of holiday music on radio station WHCU from 4 to 5 p.m. on Christmas Day.

WHCU is located at 870 on the AM dial and 97.3 on the FM dial.

The University would like to take this opportunity to wish everyone in the Cornell community a happy holiday season.

University Assembly Wil Meet Today

The University Assembly will meet at 4:45 p.m. today in 405 Malott Hall.

Items on the agenda include reports from the assembly's Budget Policies, Campus Store, Campus Planning, CURW, Health Services and Transportation Services committees.

Today's meeting will be the last University Assembly meeting for the semester. All meetings of the University Assembly, Employee Assembly and Student Assembly are open to members of the Cornell community. For further information on the activities of the assemblies call Marilyn Walden, Office of the Assemblies, 256-3715.

Cornell's TV Show Times Announced

"Up to the Minute," a CBS-TV show, will feature Cornell on Dec. 28, 29 and 30. WTVH-TV (channel 5) in Syracuse will air the show at 9 a.m. each day.

Cornell alumni, students and President Frank Rhodes are scheduled to appear on the show which is produced by Phyllis Bosworth, a 1956 graduate of Cornell. Harry Reasoner is the host of "Up to the Minute."

The segments are expected to include observations on how college life has changed over the last 25 years and on the role of higher education in America.

Parking and Buses For the Holidays

Campus bus service and parking changes for the holiday and intersession periods, have been announced by William E. Wendt, director of transportation services.

He also announced the addition of three new Blue Light Bus stops: the western end of the Foundry on University Ave., Highland Ave. and

Heights Court and at the intersection of Highland and Thurston Avenues. Scheduled departures from other stops will not change.

He also pointed out that Blue Light service for the semester will be suspended at the end of the usual schedule on Friday, Dec. 18. Service will resume on Jan. 25.

University employees, he said, may park in all legal parking areas on the Cornell campus between Dec. 24 and Jan. 4, 1982. The Traffic Bureau will be closed during this period.

He said there will be no Campus Bus service during the Christmas holidays beginning Thursday, Dec. 24 and continuing until Monday, Jan. 4, 1982. The suspension of service includes the AB Local, the B-Collegetown, the Blue Light Bus, Langmuir Laboratory service, and the East Ithaca route.

The AB Local and East Ithaca Transit Service will resume their normal schedules on Monday, Jan. 4. The B-Collegetown and Langmuir Lab routes will resume reduced schedules on Jan. 4 for intersession. Three departures on the B-Collegetown route will be suspended until classes resume. Until Jan. 25, the B-Collegetown bus will not make the 4:15 p.m., 4:45 p.m. and 5:15 p.m. departures from Sheldon Court. The Langmuir Lab schedule will end with the 4:30 p.m. run daily. The schedule is subject to change in Jan. 1982 with the relocation of many offices at Langmuir Lab to new facilities.

Women Writers Subject of Play

A performance of the play, with song, "A Voice of My Own," will be given at 8 p.m. Saturday, Dec. 12 in Hollis E. Cornell Auditorium, Goldwin Smith Hall.

Sponsored by the Cornell Women's Studies Program and Ithaca's Hordes of Womyn Coffeehouse Collective, the play depicts the "personal joys and struggles of women writers through the ages. The story begins with a few isolated voices of women and continues through the development of the great voices of the 19th and 20th centuries."

Produced by Rising Productions of Rochester, the play was written by Elinor Jones and is directed by Marcy Gamzon.

Tickets are \$4-6 sliding scale at the door and may be purchased in advance at Smedley's Bookstore, 119 East Buffalo St., for \$3.50-5.50 sliding scale.

H. Victor Grohmann

H. Victor Grohmann, trustee emeritus of Cornell University, and chairman emeritus of Needham & Grohmann Advertising, Inc., New York, an advertising agency he co-founded in 1931, died Nov. 27 while visiting his daughter in Lincoln, Mass. He was 78.

Grohmann graduated from the School of Hotel Administration at Cornell University in 1928. His firm, Needham & Grohmann, is today the largest agency in the hotel-travel field.

For 40 years, Grohmann taught weekly courses at the Hotel School, where he held the Howard B. Meek

Visiting Professorship. He served 10 years on the board of trustees and was awarded the university's Cornell Medal for distinguished service.

He is survived by his wife, Margaret Elizabeth (Haver) of Sussex, N.J., a daughter, Gwendolyn DesCognets of Lincoln, Mass., and two sons, H. Victor Jr. of Lakeville, Conn. and William of Amherst, Mass.

Contributions can be made to the H. Victor Grohmann Scholarship Fund, School of Hotel Administration.

Large-Boat Team Takes First Place

Cornell's large-boat sailing team took first place in the Cayuga Lake Racing Fleet's Class "A" summer sailing series for boats 30-feet and over.

The team's coach and helmsman during the summer races, Lawrence Bart received the first-place trophy on behalf of the winning team during the fleet's annual banquet last Friday at the Ramada Inn.

The Cornell team's boat, "Lady Godiva," was donated to the university by international sailing champion and local attorney, Norman Freeman '59, and his wife Judith.

The large-boat team competes in a number of regattas throughout the northeast against schools as diverse as Hobart and the U.S. Naval Academy. Locally the team competes within the Cayuga Lake Racing Fleet which includes a number of top U.S. sailors. The team finished 3,2,1,4,1, in the summer series.

Members of the large-boat team this summer were: Edward Coloton '83 (captain), Anthony Wulping '82, Edward Conti '83, Laurie Poppen '82.

Nominations Wanted For Sage Speakers

Nominations are being accepted for Sage Chapel speakers for the 1982-83 academic year, according to Ingrid Olsen-Tjensvold, assistant director of Cornell United Religious Work.

Eight Sundays during the year are set aside for Dean Sage Speakers, guests with national or international reputations as representatives of their religious traditions or as "eminent divines," Olsen-Tjensvold said. On all other Sundays speakers are chosen from the Cornell and Ithaca communities.

Nominations for both Dean Sage Speakers and local speakers should be sent to Barbara Lees, Sage

Chapel secretary, 119A Anabel Taylor Hall, telephone 256-4214. Nominations should be received no later than Friday, Feb. 26, 1982, and should include a supporting statement as well as the title, address and telephone number of the nominee.

Applications Available For Financial Aid

Financial aid applications for upperclass students for 1982-83 will be available beginning Monday, Dec. 14, in the Office of Financial Aid, 203 Day Hall. The deadline for filing completed applications is April 15, 1982.

Students who need help in filling out applications are urged to contact a financial aid peer counselor either at 203 Day Hall or at one of the several locations on campus where peer counselors are available.

Handel's Messiah To Be Performed

The Cornell Chorale, under the direction of Thomas A. Sokol, and the Cayuga Chamber Orchestra will present the fifth annual production of Handel's Messiah at 8:15 p.m. Sunday, Dec. 13, in Bailey Hall. Karel Husa, the Kappa Alpha Professor of Music, will conduct.

Guest soloists will be Deborah Pfautsch, soprano; Jean Loftus, mezzo-soprano; Edward Swenson, tenor, and Angus Godwin, bass.

General admission tickets at \$5, \$3 for students and senior citizens, are available at the Willard Straight Hall Ticket Office. At the door tickets will cost \$6, \$4 for students and senior citizens, and \$1 for children 12 and under.

Edible Art Contest Has Cornell Entries

Edible creations prepared by Cornell Dining, the Hotel School, fraternities and chefs from area

SAGE CHAPEL

An Ecumenical Celebration Planned

An Ecumenical Christmas Celebration is scheduled in Sage Chapel at 7:30 p.m. Sunday, Dec. 13.

The celebration, organized by student members of various Protestant groups on campus and of the Cornell Catholic community, will feature folk music, dramatic readings, skits and the lighting of an advent wreath.

Regularly scheduled convocations at Sage Chapel will resume at 11 a.m. Sunday, Jan. 24, 1982. Ingrid Olsen-Tjensvold, assistant director of Cornell United Religious Work, will speak.

restaurants will be featured in the Tompkins County Arts Council's third annual Edible Art Contest scheduled for Saturday, Dec. 12, in the Ithaca High School Cafeteria.

The entries will be on view noon-1 p.m. that day and at 1 p.m. the cooks will start serving and selling small portions of their culinary specialties, according to Sorrel Fisher, president of the arts council.

"This community event which starts as a visual treat, gradually transforms into a true gastronomic feast," Fisher said.

Proceeds will benefit the Tompkins County Arts Council and the Ithaca High School senior class, which is co-sponsoring the event.

Tree-Cutting Can Bring Big Penalties

The Department of Public Safety warns that cutting down Christmas-type trees on campus may be a violation of both civil and criminal law as well as a violation of Cornell's campus judicial system.

Every year or so trees valued at hundreds of dollars are cut down around Christmas time, particularly in the Cornell Plantations. In the past severe penalties and heavy fines have been levied on guilty parties, according to Sergeant Theodore Pless of safety.

The Week in Sports

Some Activity During Intersession

While most Cornell students leave Ithaca and head home for vacation during the upcoming weeks, members of several Big Red athletic teams will remain in Ithaca to compete in their respective sports.

Three teams, the men's varsity hockey, basketball and wrestling teams, have a very short vacation period. The Big Red hockey team resumes competition after final exams by participating in the I Love New York Tournament on Dec. 29-30 at Lake Placid. The other teams in the tournament are Clarkson, Boston College and the host school Plattsburgh.

Clarkson and B.C. were two of the top teams in the East last season, and both are expected to challenge for the ECAC crown again this year. Plattsburgh, which competes in the ECAC Division II, was 27-4-2 in 1980-81.

The Cornell basketball team is also scheduled to take part in a four-team tournament before the new year begins. The Red travels to Iowa to compete in the Northern

Iowa Holiday Tournament, along with Nebraska, Air Force and Northern Iowa on Dec. 28-29. Cornell will face Northern Iowa, the host school, in the first round on Dec. 28. The winners of the opening round games will meet in the championship game on Dec. 29 at 9 p.m. CST, with the consolation game being held at 7 p.m. Northern Iowa was 8-19 last season in its first year ever in Division I basketball, while Nebraska and Air Force were 15-12 and 9-17, respectively.

Members of the wrestling team will compete in two different tournaments on Dec. 29-30. A few of the Big Red's top performers will compete in the prestigious Midlands Championships, held at Northwestern University, while the other team members are slated to wrestle in the Wilkes Open. Both tournaments should provide stern competition for the Big Red wrestlers as they prepare to open the Ivy League portion of their schedule.

Several Cornell teams have home games scheduled at the beginning of 1982. The men's basketball team

plays host to Colgate on Jan. 4 at Barton Hall at 7:30 p.m.; it will be the Big Red's only home contest during the intersession period. The men's hockey team takes on Yale and Brown at Lynah Rink on Jan. 6 and 8, respectively, with both games starting at 7:30 p.m. The women's basketball team, which resumes action after a three-week break by playing road games at Bucknell and Susquehanna during the first week of January, returns home on Jan. 9 to face Nazareth College at 2 p.m. The Big Red will also be at home on Jan. 13 to play St. Lawrence in a 4 p.m. game.

The women's swimming team has a meet scheduled with St. Lawrence on Jan. 13 at 4 p.m. in the Teagle Pool. The men's swimming team has just one meet during intersession, at Bucknell on Jan. 9 (the women will also swim against Bucknell that day). The Big Red women's hockey team begins the second half of its season on Jan. 14 at Lynah Rink against New Hampshire at 7 p.m.