



Before the rains of recent days made the ground soggy, sunbathers in great numbers could be found on the Arts Quad.

150 Gather at WSH as Demonstrations Resume

Pro-divestment demonstrations resumed at Cornell Wednesday when about 150 protestors gathered outside Willard Straight Hall for a noon rally.

The protestors — carrying a banner that said "Cornell's Investment Policy; A Dead End! Divest Now!" — marched around campus before gathering outside the main entrance to the student union at about 12:15 p.m.

Many of the protestors sat on the steps outside the building, chanting and clapping their hands. Up to another 150 observers — some wearing red arm bands in support of the protest — looked on as several speakers called on Cornell to divest from companies that do business in South Africa.

"Fiscal responsibility should not be the primary concern," said one protest leader.

At mid-afternoon, the protestors linked

their arm bands into a chain that was strung from the gates of Willard Straight, effectively closing that entrance during part of the afternoon. The south entrance of the Straight was used until the "chain" was removed.

Earlier in the day, the Proxy Review Committee reported that it was giving "serious consideration" to a request that the university freeze its investments in companies doing business in South Africa until future investment policy is determined.

Chairman Patricia Carry Stewart also said that the five-member committee has agreed to meet with a small group of students and faculty involved in the campus protests. She said this would allow the committee to hear concerns in greater depth than was possible at last week's open hearing. Announcement of a meeting time may be made today or Friday.

Stewart also reported on the proxy review committee's votes on three Texaco, Ford, and GM shareholder proposals dealing with South African issues.

(See the Proxy Review Committee Statement on page 2.)

With just two days of classes left in the spring semester, demonstration organizers have said, however, that the fight to have the university divest from companies that do business in South Africa will continue through the summer and into the fall semester.

At the United Nations this week, some of the Cornell protestors testified before a special committee concerned with apartheid. That committee was said by Cornell representatives to be considering funding an international conference on divestment this September, with Cornell a possible site for

the conference.

This week's activities followed two weeks of sit-ins at Day Hall that resulted in 1,195 charges against about 1,000 protestors who refused to leave the administration building at its 5 p.m. closing time.

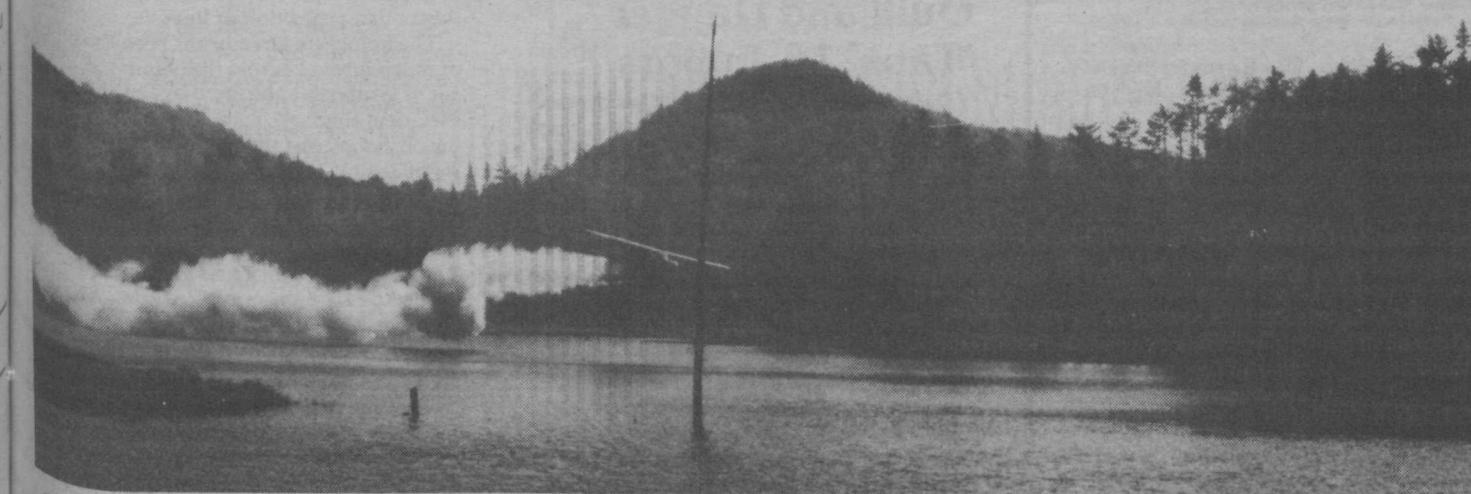
The sit-ins began April 18, when 143 protestors were taken into custody, and continued each week day through May 1, when 63 protestors were charged. On two days, April 26 and 30, the protestors staged a sit-in but left Day Hall before being arrested.

About 950 Cornellians — including more than 870 students, 49 faculty and 29 staff — were charged with violation of the campus code of conduct for interfering with the functioning of the university.

On Saturday, May 4, the University Hear-

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Cornell Scientists Study Neutralizing Acidic Adirondack Lakes



A small airplane dumps limestone to neutralize acid in an Adirondack Lake.

Baking soda and agricultural limestone — one a simple household product and the other a common farm substance — are being dumped into fishless lakes in upstate New York by Cornell scientists.

The reason: to neutralize the high acidity of lakes the way that antacids soothe upset stomachs.

The result: some lakes are beginning to teem with fish again after having been dead and still for several years because acid rain had made them too harsh for fish.

"Lakes dying from acid rain is a serious environmental problem in the northeastern United States," said Carl Schofield, a fishery biologist in the State College of Agriculture and Life Sciences and one of the researchers liming lakes.

"The Adirondack Mountains region of New York is considered one of the most severely impacted areas with about 200 lakes completely devoid of fish, and many others

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33 Graduating Seniors Named Presidential Scholars

Thirty-three graduating seniors will be cited May 30 as Presidential Scholars, marking the second year of the program.

Nominated by the deans of the schools and colleges for outstanding scholastic achievement, the seniors exhibit "qualities of intellectual curiosity, energetic leadership, and ... potential for contributing to the betterment of society."

They will be joined by Cornell faculty

members who they believe have made the most significant contribution to their education. In addition, the Presidential Scholars will honor the high school educators who inspired their academic pursuits; tributes written by the scholars will appear in the convocation program, which will be sent to the teachers.

The 1985 Presidential Scholars are: Donna J. Abrahams (HumEc), Patricia F.

Ashley (CALs), Anil D. Biyani (HumEc), Linda B. Bregstein, (A&S), Howard J. Gelb (CALs), Roberta S. Gleicher (CALs), Rebecca A. Greenberg (Engr), Joel E. Greer (A&S), Michael J. Hayes (ILR), Sheila N. Heslin (A&S), Leonard A. Katz (Engr), Steven L. Katz (CALs), Christopher S. Kochanek (A&S), Jeffrey Koplik (Engr), Amy Y. Liu (A&S), James C. Loehr (A&S), Julie A. Mertus (ILR).

Also: Risa M. Mish (CALs), Craig R. Mueller (Hotel), Gerald J. Ortiz (CALs), Julie A. Plummer (CALs), Laura L. Sheffield (AAP), Michael D. Snyder (Engr.), Richard H. Stotler III (Engr.), Richard Strassberg (HumEc), Kim S. Tan (Hotel), Song Tan (A&S), Jeffrey D. Varker (Engr.), Moses Vaughan (AAP), Ankeney Weitz (A&S), Julie Wilson (CALs), Alan P. Winsor (CALs) and Joanne M. Woolf (A&S).

Demonstration

Continued from Page 1

ing Board cleared 42 students who were charge during the first day of the sit-ins. The board, in a 3-2 ruling, found that the students were guilty of violating the campus code but that they had acted in good faith, believing they could stay in Day Hall under the statement of student rights contained in the university's code of conduct.

The panel of three students, one faculty, and one staff added that future protestors who refuse to leave Day Hall will not be able to justify their actions because of a mistaken belief about the statement of student rights.

About 100 students who appeared before the hearing board on May 4 chose to have their cases heard individually. No hearing dates for those cases have been set.

On Sunday, May 5, the hearing board adjourned without taking action on another 187 students who were charged with violating the campus code on April 19, the second day of sit-ins. Rosanne Mayer, the university's judicial administrator, requested the adjournment so that she could consider Saturday's ruling before proceeding with the other cases.

In addition to the charges filed under the campus code, 52 protestors not currently affiliated with Cornell and 189 Cornellians who were repeat offenders — including 179 students, three faculty, and seven staff — were referred to Ithaca City Court on trespass charges for refusing to leave Day Hall.

As of Wednesday, more than 100 protestors had appeared in Ithaca City Court and had been assigned hearing dates. The first of those hearings, for five protestors, is Friday, May 10.

On May 1, 14 students who were charged for the third or more time were temporarily suspended by William Gurowitz, vice president for campus affairs. On May 3, a university review board lifted the suspensions. Earlier, on April 26, a review board had lifted the suspensions of two students who were suspended April 24. The suspensions could be reinstated by the University Hearing Board.

Also on May 1, the Cornell faculty voted 323-72 to support a resolution calling on the university to divest "in as expeditious a manner as possible" from companies that do

business in South Africa.

Some faculty members are seeking a referendum on the issue. As of Wednesday afternoon, a petition to initiate a referendum had not been submitted to the Dean of Faculty.

On Thursday, May 2, an open hearing of the Board of Trustees' Proxy Review Committee was interrupted when nearly 200 pro-divestment protestors marched out of the meeting in 120 Ives Hall in a dispute over time limits being placed on speakers.

The protestors left chanting "divestment now" after committee chair Patricia Carry Stewart told the sixth speaker in a group of seven that the 20 minutes allotted to the group had expired. Supporting the objections of the curtailed speaker, junior Michael T. Rindner, philosophy professor David Lyons, the next scheduled speaker, asked the protestors to leave the hearing as a show of "solidarity."

At the outset of the hearing, Stewart said that people who had made arrangements to speak at the meeting would be given five minutes each, and that the first seven of the 26 speakers had been given 20 minutes as a

group because their topic was the same. The seven speakers were aware of the 20-minute limit for the group, she said.

The majority of speakers who addressed the committee called for divestment.

On Friday, May 3, the protestors' steering committee met with President Frank Rhodes, Gurowitz, and Dean of Faculty Joseph Bugliari to discuss apartheid and divestment. The protestors asked Rhodes to endorse an "immediate freeze" on new investments with companies that do business in South Africa. In a letter to Proxy Review Committee chair Stewart, Rhodes said the suggestion that Cornell not increase its holdings in such companies until some final decision is made on the university's future investment policy "seems to me to be worthy of study" by the committee.

Proxy Review Group Supports Three Shareholder Resolutions

"The Proxy Review Committee announced it has voted unanimously to support a shareholder proposal asking the Texaco Company to implement and increase activity on the Tutu Conditions. It will write a letter to the company specifically urging it to oppose influx control regulations more actively.

"The committee also decided by a majority vote to support shareholder proposals on the Ford and General Motors proxies asking the companies not to sell motor vehicles to the South African military, police or government agencies.

"The committee has agreed to meet with a small group of students and faculty who are involved in the demonstrations to hear their concerns in greater depth than was possible at last week's open hearing. Details of this meeting will be announced as soon as they

are completed.

"The committee is giving serious considerations to the request that it recommend a freeze on further investments in companies doing business in South Africa until it makes recommendations to the Investment Committee on the question of divestment. It will respond to this request just as soon as it has reviewed various aspects of such an action, including materials now being prepared for the committee by the University Investment Office and the University Counsel.

"This is one of the topics that will be discussed in the meeting with the students and faculty.

"The Proxy Review Committee will report to the Investment Committee on these discussions and on the depth of community concern about investment in companies that do business in South Africa.

Kalter Chairs Ag Economics

Robert J. Kalter has been named chairman of the department of agricultural economics in the State College of Agriculture and Life Sciences for a three-year term.

He succeeds Olan Forker, who has returned to full-time teaching, research and Cooperative Extension work after nine years as chairman.

A member of the Cornell faculty since 1966, Kalter is an expert on resource economics, land economics, and economic theory and policy. His research efforts currently focus on the commercial potential of bovine growth hormone, and the impact that biotechnology will have on agriculture's future. He teaches courses in land, real estate, and mineral economics.

Kalter is a member of the college's computer committee and the economic development committee of the Cornell Biotechnology Program, and also serves as chair of the agricultural economics computer committee.

Quill and Dagger 'Taps' 16 Juniors

Sixteen juniors were "tapped" as members of the Quill and Dagger Society during traditional ceremonies Friday, April 19, at the society's chambers on West Campus. There are currently 26 senior members of the society established at Cornell in 1893.

Recognized for "their outstanding contributions to the Cornell community," the new members are: Tomas Alejandro, Arts; Rajeev Bhaman, Arts; Fanny Chin, Ag.; James Cox, Arts; Verna Davis, Ag.; Betsey Donnelly, Ag.; Eric Elmore, Arts; Gregory Im, Arts.

Also: Vernan Jackman, Arts; Jacqueline Juantorena, Arts; Devora Lieberman, Arts; Heather Martens, Arts; Robert Perl, Ag.; Andrew Rhoden, Eng.; Diana Skelton, Arts; Bernard Weintraub, Ag.

A Hologram Of Famous Telegraph

A unique combination of the old and the new that has been on tour this spring in celebration of the 100th anniversary of the first electrical engineering graduates of Cornell University has returned to Ithaca.

It is a hologram — a laser-created, 3-D photograph — of the actual telegraph receiver that picked up the famous message "What hath God wrought!" sent by Samuel F.B. Morse on May 24, 1844, from Washington, D.C. to Baltimore, MD. The receiver was part of the first American telegraph system established for public use.

Design and construction of the telegraph line for the system was supervised by Ezra Cornell, the founder of Cornell University, who became a chief stockholder in the Western Union Telegraph Company.

The historic receiver, now in the permanent collection of Cornell University's College of Engineering, was given to the university in the 1930s by Western Union.

A hologram of the telegraph receiver was made by putting the receiver on a turntable and rotating it while using a laser and photographic plates to record the image. The resulting hologram is three-dimensional and can be viewed from any angle. The image is so lifelike that viewers are tempted to reach out and touch it, only to find there is nothing there but a projection of light.

The hologram already has been the object of much interest across the country at a series of symposia sponsored by the School of Electrical Engineering at Cornell as part of the observance of the school's centennial.

An exhibit featuring the hologram is on display in the Phillips Hall lounge through Friday, May 10. On June 12, it will be in Baker Hall for the final symposium — "The Societal Impact and Future Directions of Electrical Engineering." During Alumni Reunion Weekend, June 13-15, it will be in Barton Hall.

The first baccalaureate degrees in electrical engineering were awarded in 1885 by Cornell and by the Massachusetts Institute of Technology. Cornell, which established its electrical engineering program in 1883, also awarded the first Ph.D. in the new discipline in 1885.

Cornell Chronicle

EDITOR: Randall E. Shew

CONTRIBUTING WRITERS: H. Roger Segelken, Martin B. Stiles, Lisa H. Towle, Anne S. Moffat, David I. Stewart, Mark Eyerly, Yong H. Kim, Susan S. Lang, Jeanne Mackin, Joseph Leeming.

PHOTOGRAPHERS: Sol Goldberg, Charles Harrington.

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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.

Rhodes Asks Increased University-Government-Industry Cooperation

Increased cooperation among universities, industry, and government is needed to enhance scientific research and to strengthen the nation's economy, Cornell University President Frank Rhodes said in Albany Tuesday.

"Such cooperation is essential if we are to maintain the scientific preeminence and the economic and military strength that traditionally have ensured America's freedom and well-being," Rhodes told the National Science Foundation's 1985 Conference on Science and Technological Innovation.

Universities and industry already have embarked on a growing "productive partnership" through scientist exchange programs and corporate funding of university research, Rhodes said. Corporate support for higher education totaled \$1.29 billion in 1983.

Those steps, along with increased federal and state government participation in high-technology issues, have helped the country cope with three key challenges: stiff international competition, a shortage of trained people, and the use of obsolete equipment in teaching and research, Rhodes added.

"Can-do America ... became can't-do America, plagued by high labor costs, aging industrial plants, loose wires, and missing screws," he said. "We have put that destructively defeatist attitude behind us. Still, we shall have to redouble our efforts to maintain or regain our leadership in key fields from biotechnology to microelectronics to supercomputers."

Since 1979, industry has spent more on research and development than has the federal government, reaching \$17 billion in 1982. Federal funding of basic research began climbing in 1981, but both industry and gov-

ernment must continue "shoring up the research base upon which our competitive strength depends," Rhodes stressed.

He also called on the government and educators to pursue policies that will provide more math and science education in the public schools, and encourage more students to become math and science teachers at the secondary and university levels.

Rhodes praised the National Science Foundation's Presidential Young Investigators Program and several industrial programs that provide funding to attract and retain faculty members who might otherwise work for industry.

"The number of opportunities available under these programs, however, still falls far short of our needs for additional faculty," Rhodes observed, citing the approximately 2,000 unfilled engineering faculty positions in the U.S. at the beginning of this decade.

On the third key challenge, the use of obsolete equipment for teaching and research, Cornell's president estimated that it will cost from \$1 billion to \$4 billion to provide universities with equipment that meets current industrial standards.

"There is a clear need for expanded industry involvement here, but there is also a need for increased government sensitivity in the form of enlightened tax policies that reward corporations for making such commitments," Rhodes suggested.

Rhodes offered as a model for greater cooperation among universities, industry, and government the Morrill Act of 1862 and subsequent legislation that designated land grant universities across the country. Land grant institutions, including Cornell in New York State, conduct basic research directed toward the real needs of farmers and the agriculture industry, for example. They then share their findings with the farm community through Cooperative Extension agents.

"Although land grant institutions provide instruction in engineering, they have failed to receive additional funds for research and extension — for discovery and dissemination — that were so crucial to their success in agriculture," Rhodes said.

"The success of our current extension efforts ... can be replicated in a host of areas essential to our economic strength and national well-being."

"All of this implies that despite the many advances in expanding the partnership among universities, industry, and the state and federal government, much remains to be done if we are to meet challenges to our research preeminence and advance our economic position," Rhodes concluded.

The conference was co-sponsored by NSF and the New York State Science and Technology Foundation, and was co-hosted by Rensselaer Polytechnic Institute and the General Electric R&D Center.



Visitors to Cornell Plantations' Robison York State Herb Garden get a preview of plantings on display this Saturday at 'A Celebration of Herbs,' beginning at 1 p.m. Events include lectures, films and demonstrations on planning kitchen gardens, cultivation and propagation of herbs and garden construction. The program is free to the public.

Fertilizing Effect of Acid Rain May Indirectly Be Harming Trees

The idea that too much of a good thing — the fertilizing nitrogen compounds in atmospheric pollutants — is indirectly harming trees will be tested at the Boyce Thompson Institute for Plant Research with a \$147,000 grant from the Andrew W. Mellon Foundation.

A BTI team led by Jay S. Jacobson, a specialist in the effects of acid rain, has begun a four-year test to determine whether unnatural nitrogen fertilization from air pollutants is prolonging growth of trees during the spring and summer growing season, and thus delaying the annual dormancy and making the trees more vulnerable during the winter.

"Tree decline in temperate forests appears to be widespread in western Europe and eastern North America," says Jacobson, a plant physiologist at the institute, which is based on campus.

"The occurrence of tree decline at locations where deposition of pollutants from the atmosphere is high provides circumstantial evidence for chronic stress by pollutants as the cause," Jacobson explains. "But there is no proof of this or any agreement on how pollutants reduce tree growth and increase mortality."

Tests beginning in laboratory greenhouses and later moving to the forests will examine the effects of an artificially prolonged growing season on the ability of red spruce and balsam fir seedlings to withstand one of the most important forms of stress — the cold of autumn frosts, winter freezes, and late spring frosts.

"Nitrogen fertilization is known to stimulate and prolong growth, and nitrogen from atmospheric pollutants is deposited in large amounts, particularly in high elevation forests of eastern North America and western Europe," Jacobson notes. "The major sources of atmospheric nitrogen are nitrate in rain, ammonium in aerosols and particulate matter, and nitric acid. Climatic conditions in mountainous areas produce high rates of deposition in forested areas."

Working in collaboration with researchers from the University of Pennsylvania, the U.S. Forest Service, and the University of Kuopio (Finland), Jacobson will grow seedlings from locations in the eastern U.S. in their native soils, exposing them to simulated acid mist that contains nitrates. After each growth period, the research team will simulate the onset of autumn with shorter days

and decreasing temperatures, the extended cold of winter when the trees are normally dormant, and a late spring frost after the period of dormancy has been broken.

Observations of the young trees over the next four years may reveal effects of the unnatural fertilizer on growth and development. Field experiments will also be conducted at New York's Whiteface Mountain and at the Green Mountain National Forest in Vermont.

Acid Rain

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slowly losing their fish populations."

Schofield, with co-worker Steven Gloss, has been dumping tons of agricultural limestone into 10 lakes and then restocking the waters with fish. In the meantime, James Bisogni Jr., associate professor of environmental engineering at Cornell, has been using baking soda -- sodium bicarbonate -- for the same purpose.

Both teams of researchers acknowledge that their strategies won't solve the acid rain crisis. They may, however, provide interim management strategies for reducing the acidification of some lakes in the Adirondack region.

Acidity is measured on the pH scale, with values from 0 to 14. Neutral substances have a pH of 7; as the number drops, each unit represents a tenfold increase in acidity.

Lakes that are neutral in acidity or are slightly acidic (pH 6 or 7) are perfect for supporting healthy fish. Over the past several years, though, many lakes in the Adirondacks, Canada, and elsewhere quickly became very acidic from assaults with acid rain. Some lakes are as acidic as pH 4.3, almost 100 times more acidic than the Adirondack lakes were in the 1930s.

Schofield and Gloss have found that limestone has successfully neutralized several lakes that once again are hosts to brook trout. Some lakes, however, have become acidic again.

"How quickly a lake reacidifies depends on its watershed," Schofield points out. One lake, for example, reacidified just one month after receiving a limestone treatment. Another lake, which was treated more than two years ago, is still close to neutral.

In related studies, Schofield and Gloss are examining the biological responses to liming of fish, plankton, and bottom-dwelling food sources in several different kinds of lakes, all in the Adirondacks. Coordinated with Syracuse University, Clarkson College, the Electric Power Research Institute, and the General Research Corp. of Washington, D. C., the studies will provide detailed analyses of how lakes and their inhabitants respond to neutralization and then to eventual reacidification.

Although limestone is very inexpensive and readily available, it sometimes settles to the bottom of a lake and is covered with sediment before it dissolves. As an alternative, Bisogni has been using baking soda, which is commonly used in baking and as a teeth whitener and odor fighter. It dissolves rapidly and completely, and is easy to handle.

Bisogni's team dumped 14 tons of the stuff, donated by Arm & Hammer, from a boat into Wolf Pond, a "typical" 50-acre body of water tucked in the Adirondacks of northeastern Franklin County. Before application, the pond had a pH of 4.5. Within days, acting like a giant tablet of Alka Seltzer, the baking soda dissolved and reduced the acidity to pH 6.9.

"We now know that baking soda works in neutralizing a lake," says Bisogni. "The question remaining is how long the lake will remain neutral." He will monitor Wolf Pond this spring, although he suspects that the spring melt of "acid snow" probably will adversely affect its pH.

—Susan S. Lang.

Micro Users Groups Now Number Nine

Two more microcomputer users groups recently formed, bringing the number of these groups on campus to nine.

Apple II users will meet Monday evenings at 7 p.m. in Lyon Dorm Lounge, and invite you to join them. Contact Steve Sprague at 256-2825 for details.

Radio Shack Color Computer enthusiasts are meeting Monday, May 13, 7-9 p.m., in G94 Uris Hall. They invite you to join them for some fresh insights. Contact Lewis Jansen for more information, at 387-5891 (evenings) or Y.UXHJ on the DEC-2060.

Other groups meeting in May are:

Commodore Users Group: Met May 6 and will meet May 20, 7-9 p.m. in G94 Uris Hall. Contact: Max Paperno at 277-3981.

CP/M Users Group (FLOG): Met May 8, 7 p.m. in G94 Uris Hall. Contact: Cindy Fitzgerald at 256-7300.

Displaywriter Users Group: May 14, 2 p.m. in 202 Uris Hall. Contact: Peggy Fluman at 256-4981 ext. 294

IBM Users Group: May 31, 1:30 p.m. in G94 Uris Hall. Contact: Bruce Brower at 256-2199 or JR Scholden at 256-7250.

MacDevelopers: May 30, 3:30 p.m. in 11 Ives Hall. Contact: Kate MacGregor or Chris Pelkie at 256-4981.

Macintosh Users Group: Met May 2, 3:30 p.m. in G94 Uris Hall. Contact Tim Larking at 257-2030 ext. 426.

WordPerfect Users Group: Met May 2, 2 p.m. in G94 Uris Hall. Contact: Cynthia Frazier at 256-5530.

If you are interested in forming a users group and need further information, or would like to publicize where your group is meeting, contact Susan Wood, DCS, 401 Uris Hall.

Susan Wood
Academic Computing

Tom Hughes Answers:

Where Can I Find Macintosh Information?

Users groups are probably your best source of information. Local Macintosh users meet the first Thursday of each month at 3:30 in G94 Uris Hall.

Explore the Lending Library in G26 Uris Hall. The Lending Library houses a collection of public domain programs which include utilities, fonts and applications.

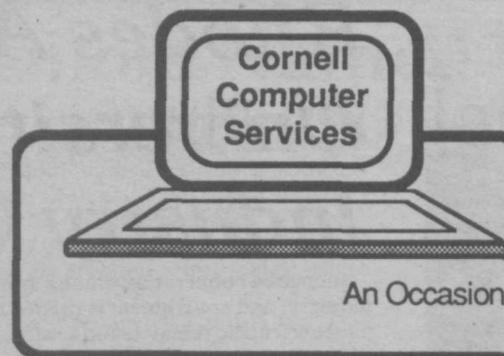
Consult magazine reviews. Magazines are not always right, but they can keep you up to date with what's available on the market. Several magazines have committed themselves to keeping up with the rush of Macintosh development. The following magazines regularly run articles on Macintosh hardware and software: A + Magazine, Byte, InfoWorld, Macazine and MacWorld. Most of these publications are available at the Campus Store.

Users groups publications are a valuable source of information. *Wheels for the Mind* is particularly helpful because it documents a number of projects being developed by the 24 schools comprising the Apple University Consortium (AUC). Published bimonthly, the newsletter is divided into three sections: tips, project descriptions, and testimonials. Boston College is the focal point for coordinating feedback from interesting projects around the country, finding out how schools are incorporating Macintosh into the curric-

ulum, and what kind of effect Macintosh is having on educators and education. If you would like to share a thought, contact Peter Olivieri at Boston College, Boston, MA. Copies of *Wheels for the Mind* are available in G26 Uris Hall.

Consult Muggers Monthly for some first-hand reviews. (Muggers report hardware and software bugs as well as fine features.) *Muggers Monthly* is full of handy tips and tricks for the Macintosh user, as well as information on meetings and items of interest to the Cornell user. The Cornell group of Macintosh enthusiasts, MUGWUMP, (Macintosh Users Group, Writers of Unique Macintosh Programs) offers subscriptions at \$5.00 per year (for on-campus users), and \$7.75 per year to off-campus subscribers. To subscribe write to MUGWUMP, C/O DCS.

Finally, for those of you who want to find out what's going on at other universities, DCS has been exchanging newsletters with other users groups from around the country. We have collected samples from Boston to Berkeley, and made them part of the Lending Library in G26 Uris Hall. Especially useful is Charlie Jackson's monthly column called M.U.G. for IconConcepts-Macazine which lists locales and activities of national and international users groups.



THE COMPUTER PAGE

An Occasional Collection of News and Comments from Computer Services

Supercomputer Equipment Is Installed

Cornell University has begun providing large scale computing support to local users on May 1 as part of its NSF supercomputer initiative. (The National Science Foundation has selected Cornell as one of four sites in the country for supercomputer research and development.)

Equipment for the Production Supercomputer arrived 2 weeks ago and was installed by the middle of last week. The new equipment includes five gigabytes of disk space and two Floating Point Systems FPS-164 processors, as well as an upgrade to the existing FPS-164 to increase its memory. Jobs are already being run on the new processors. We also received an IBM 5080 graphics terminal. PSF staff are currently working on programming support for it. The PSF will use Cornell Computer Services' IBM 3081 mainframe for host computing until this fall.

In May, users with awards for time under the initiative will have access to the IBM 3081K and the three attached FPS-164 Scientific-Engineering Computers.

A MAX (matrix accelerator board) from

FPS which is to be installed in one of the FPS-164s will be tested during May. This will allow certain specialized vector and matrix operations to proceed at up to 33 million floating point operations per second (megaflops). Initially we will offer the software available on CCS's IBM 3081K for Cornell users.

We will add both IBM and FPS-based packages during the summer for scientific-engineering applications. This includes FMSLIB, a fast matrix solution library, graphics packages and other support.

In mid-fall 1985 we will upgrade to our full supercomputer offering: an IBM 3084 QX four-processor computer, four FPS-264 computers running at up to 38 megaflops each, and one FPS-164/MAX computer running at up to 33 megaflops.

Individuals with questions about how to get access to the facility should contact William Schrader of Cornell's Center for Theory and Simulation in Science and Engineering at 256-8686.

Peter M. Siegel and Ben A. Schwarz
Production Supercomputer Facility

CUINFO - Cornell University Information

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Please select a title. (Blank line to exit.)

Software Lending Library Has Packages

More than 450 software packages for personal computers are now available for loan from the Software Lending Library in G26 Uris Hall.

Cornell Computer Services has made arrangements with several vendors to allow the library to lend the packages. The collection currently includes: communication packages, word processors, data base management systems, spreadsheets and programming languages.

Software is available for AppleIIe, AppleIIc, AppleII+, Apple Macintosh, IBM-PC, IBM-PC compatibles (some) and DEC Rainbow microcomputers. Examples include: WordPerfect, a text processor used on both IBM-PC and DEC Rainbow computers and Lotus 1-2-3 and Symphony which include a spreadsheet, a word processor, and a data base management system in an all-in-one structured approach. A self-paced tutorial is included with both so you can learn at your own speed and experiment with the packages as you learn.

Besides software packages, CCS also subscribes to *PC magazine*, *PCWORLD*, *MACWORLD*, *Hardcopy* and *Digital Review*. These magazines are intended for use in the G26 Uris Hall facility.

To borrow the software for one week, you sign an agreement stating you will not copy the software and that you will return it in the condition in which it was loaned. A university department number or your personal check must be given as "collateral."

Your suggestions for new packages are most welcome. Please stop by G26 Uris Hall and visit with us. Phone Mariann Carpenter, 6-4981, for more information about availability of software and a list of the current software holdings.

No Computer Account? Get CUINFO on DEC 2060

CUINFO, a quick and easy source of campus information, is now available on the DEC-2060 to members of the campus community who do not yet have computer accounts.

CUINFO was originally developed at Cornell by Computer Services to provide information electronically on our IBM systems and later on the DEC-2060.

To try out CUINFO if you don't have an account, go to any of the public campus terminal areas that have access to the DEC-2060 (Upson, Martha Van Rensselaer, Clark, Dickson, Sibley, McFaddin, Baker, and 1 and 160 Warren). LOGIN at a terminal with userid CU and password INFO (for example LOGIN CU INFO). You will see a list of menu selections from which you may choose topics of interest.

Among the current subjects on CUINFO are information on study abroad; seminar, library, bus and athletic schedules; movie, concert, academic calendars; Chronicle headlines; religious services information; on and off-campus dining facilities; and student employment, health services, and financial aid information. The CCS menu selection offers the CCS bulletin, information about microcomputer meetings, operating and consulting schedules, and other computer news.

This special account is being made available on a temporary basis and may be removed at any time. If you want to make suggestions or comments, type "/SUGGEST."

This procedure will ask you to enter a subject for your note, some text, and instructions on how to end your letter. Comments or suggestions can be forwarded to Larry Fresinski, GO2 Uris Hall, 256-4981.

Larry Fresinski
Academic Computing

PEOPLE

Robert E. Doherty New Dean of ILR School

Robert E. Doherty, a member of the Cornell faculty since 1961, has been named dean of the New York State School of Industrial and Labor Relations, effective July 1.

He succeeds Charles M. Rehmus, dean since 1980. Rehmus announced last November that he planned to retire at the end of this academic year.

Doherty's appointment was approved by the executive committee of the Cornell University Board of Trustees at its meeting in New York City April 23.

President Frank Rhodes said, "The uni-

versity and the ILR school are fortunate to have a person of Bob Doherty's proven capabilities and intimate knowledge of the school available to assume the position of Dean. He will provide fine leadership."

Doherty has been associate dean of the ILR school since 1977. He served as acting dean of the school during the 1979-80 academic year, after the resignation of Dean Robert B. McKersie, who had served in the post since 1971. After his tenure as acting dean, he resumed his duties as associate dean for academic affairs.

The author of more than 60 articles and papers in his field, Doherty is a specialist in labor and employee relations in education.

A native of Trout Lake, Wash., he holds a bachelor's degree (1949) from Oregon State University, and a master's degree (1951) and a doctorate (1959) from Teachers College, Columbia University.

Doherty came to Cornell as an associate professor in the ILR school's division of extension and public service. He was named a professor in 1967 in the department of collective bargaining, labor law, and labor history. In 1971-72, he served as acting assistant dean for extension and public service, and from 1977 to 1979 served as associate dean for academic affairs and as director of research.

Doherty is a member of the Industrial Relations Research Association and the Society of Professionals in Dispute Resolution.

Japan Honors Jordan

Eleanor H. Jordan, the Mary Donlon Alger Professor of Linguistics here, will be awarded His Majesty the Emperor of Japan's Third Class of the Order of the Precious Crown this Friday.

She will receive the honor for her "meritorious services in the development of the methods and programs of teaching the Japanese language in the United States." Jordan is the author of the world's most widely used Japanese language textbook—"Beginning Japanese"—and the author of numerous other works, including "Reading Japanese."

A Cornell faculty member since 1969, she helped develop this country's only university-based year-long, intensive Asian language program. Known as FALCON (Full-Year Asian Language Concentration), the pro-

gram is designed to accelerate the learning of spoken and written Asian languages.

Presenting the order of the Precious Crown will be Ambassador Hidetoshi Ukiwa, counsel general of Japan in New York. Also present at the ceremony in New York City will be Cornell Trustee Patricia Carry Stewart and Trustee Emeritus Robert W. Purcell.

Before coming to Cornell, Jordan was chairman of the Foreign Service Institute's department of east Asian languages in Washington, D.C., and director of the Institute's Japanese Language School in Tokyo.

A graduate of Bryn Mawr (1942), Jordan earned her master's (1943) and Ph.D. (1950) degrees at Yale University, where she also taught Japanese. She also holds an honorary doctorate degree from Williams College.

Three Win Teaching Recognition

Three professors in the College of Arts and Sciences have won 1985 Clark Distinguished Teaching Awards worth \$3,000 cash each.

They are Caryl G. Emerson, assistant professor of Russian literature; Raphael M. Littauer, professor of physics and nuclear studies; and Theodore J. Lowi, the John L. Senior Professor of American Institutions.

The Clark awards were endowed in 1966 by John M. Clark, member of the Class of 1929, and by Emily B. Clark, a member of the Class of 1930, to honor and reward faculty who have demonstrated devotion to teaching, especially at the undergraduate level.

Clark awards are also made to lecturers and teaching assistants in the College of Arts and Sciences. These 1985 winners will be announced later this spring.

A member of the Cornell faculty since 1980, Emerson is currently on leave, completing a book on "Problems of Bakhtin's Poetics." She is author of "The Tale of Boris Godunov: Karamzin, Pushkin, Mussorgsky and the Poetics of Cultural Transposition," to be published next year by Indiana University Press.

Littauer has been a member of the Cornell faculty since 1955, coming to the university as a research associate in 1950, the year he received a doctorate from Cambridge University, England. He has played an active role in the building of Cornell's Wilson Synchrotron and the electron storage ring, CESR.

He is involved with teaching large, introductory courses in physics, having designed and installed the electronic Student Response System as a teaching aid in Rockefeller B. Littauer is author of "Pulse Electronics," and co-author of "Accelerators."

Lowi, who was named to his endowed professorship in 1972, is the only member of the Cornell faculty to hold the title of University Professor. A political scientist, he is a member of the departments of government and history.

In a nation-wide survey of his peers, he was named the political scientist who made the most significant contributions to the field in the 1970s. He is author of 10 books, including his latest, "The Personal President: Power Invested Promise Unfulfilled," published by the Cornell University Press in March.



ROBERT E. DOHERTY

SUNY Cites 2 Faculty Here

Two Cornell faculty members are among 34 classroom professors being cited this year for excellence in teaching by the Chancellor of the State University of New York. They are W. Keith Bryant, professor of consumer economics and housing, and Harrison Geiselmann, professor of math education.

Recipients of the award are chosen by a committee, appointed by Chancellor Clifton R. Wharton Jr., that reviews hundreds of nominations from faculty, students, and administrators at SUNY's 64 campuses, including four statutory units at Cornell — Human Ecology, Agriculture and Life Sciences, Veterinary Medicine, and Industrial and Labor Relations.

A member of the faculty in the New York State College of Human Ecology since 1974, Bryant teaches the economics of household behavior, consumers and the law, and consumption and demand analysis and focuses his research on time use and asset and debt levels of rural and urban households.

Geiselmann joined the faculty in the New York State College of Agriculture and Life Sciences at Cornell in 1955. An expert on instructing prospective teachers on how to teach mathematics, Geiselmann also has been an instructor in the Shell Merit Fellowship Program, the president of the Association of Mathematics Teachers of New York State, and the editor for the New York State Mathematics Teachers Journal.

Babby Receives NEH Stipend

Leonard H. Babby, professor of linguistics at Cornell University, has received a \$3,000 summer stipend from the National Endowment for the Humanities.

The funds will support research on a book Babby plans to write in Russia during the 1985-86 academic year, while he is on sabbatic from Cornell. His book will include the first attempt to analyze explicitly the syntactic constraints on the distribution of morphological case in Russian. The study will be a major contribution to case theory, and is intended for theoretical as well as Slavic linguists.

Oriental Group Elects Owen

David I. Owen, professor of ancient Near Eastern history and archaeology in the Department of Near Eastern Studies, has been elected editor of the Ancient Near East section of the "Journal of the American Oriental Society," now in its 105th volume.

The American Oriental Society, founded in 1842, is the oldest learned society in America devoted to a particular field of scholarship. It encourages basic research in the languages and literatures of Asia — from Turkey to Japan.

Owen, who specializes in the cuneiform languages and literatures, history, and archaeology of the ancient Near East, has published six books and numerous articles and reviews. Many of his writings include dis-

cussions about some 2,000 original documents written in the Sumerian, Babylonian, and Hittite languages he located in museum, library, or private collections, or discovered during excavations in the Near East. Most recently, Owen became the first American scholar to be invited to participate in the editing of "The Sumerian Dictionary of the Third Millennium B.C." that is being compiled on a computer mainframe by an international team centered at the University of Rome.

Since 1978, he has directed Cornell's summer field excavation program in Israel, which is done in conjunction with Tel Aviv University, at the biblical site of Tel Aphek-Antipatris.

Articles Honor Benjamin M. Siegel

The 12 articles in a recent issue of "Ultramicroscopy," an international journal, were written in honor of Benjamin M. Siegel, professor of applied and engineering physics here and world-recognized authority on electron microscopy.

Published as a "Festschrift," in accordance with the German academic tradition of honoring a senior colleague on his birthday, the journal contains articles by researchers in Japan, the United States, West Germany, France, and Great Britain. They are in Volume 15, No. 3, of the journal published in Amsterdam, Holland.

Siegel, who was born March 26, 1916, came to Cornell in 1949 to head the universi-

ty's newly established Electron Microscopy Laboratory. In recent years, he has been active in extending the resolution and capabilities of the electron microscope and its application to molecular biology and materials at atomic resolution.

A native of Superior, Wis., Siegel earned a bachelor of science degree (1938) and a doctor of philosophy degree (1940) at Massachusetts Institute of Technology. He was a research associate at MIT from 1941 to 1942 and at Harvard University from 1942 to 1944. In 1944, he returned to MIT for two years before becoming associated with the Weizmann Institute of Science for two years.

Graduate Student Named To Women's Conference

A Cornell graduate student has been selected to participate in a United Nations World Conference on Women in Nairobi, Kenya, from July 15-26.

Brenda Brown, a second-year graduate student studying for an MPS degree in African and Afro-American Studies, will serve as a presenter/facilitator in a workshop on "Expanding Futures: Young Women and Development."

She was selected by the Youth Global Alliance Program to participate in the Non-Governmental Organization Forum of the conference, which is designed to bring together women with varied backgrounds from throughout the world to learn from each other's experiences and make a plan to improve the situation of women after 1985.

Calendar

All items for publication in the Calendar sections, except for Seminar notices, must be submitted (typewritten, double spaced) by mail or in person to Fran Appar, Central Reservations, 531 Willard Straight Hall at least 10 days prior to publication. Seminar notices should go to the Chronicle office, 110 Day Hall. 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 WILL BE STRICTLY ENFORCED.

*—Admission charged.

Announcements

Gay Jews Support Group

A support group for gay Jews is being formed, to share and explore related concerns and conflicts, possible ways to confront them, exchange religious and cultural context material. If interested in taking part, please call GayPac, 256-6482. Confidentiality ensured.

Youth Hostel Chapter

The newly formed Ithaca chapter of American Youth Hostels offers leadership opportunities for Cornell students for winter 1985-86 in downhill and cross-country skiing and summer 1986 for canoeing, backpacking and bicycling. AYH passes are available at Student Agencies, as well as the Ithaca chapter office at 40 South Street Ext. in Trumansburg. Next organizational meeting is a dish-to-pass supper at 6 p.m. Friday, May 17, at the Women's Community Building.

Hillel end-of-semester picnic

Hillel is having an end-of-semester picnic on Sunday, May 12, at noon, by the Johnson Art Museum. Call 256-4227 for more information.

Class of 1984 Debate Contest

The Communication Arts Department will be sponsoring the Class of 1984 Debate Contest on Monday, May 13. The contest, for which a trust fund was set up by the class of 1984, was reactivated last year after many years of inactivity. Last year twenty-six students debated and thirty-seven faculty members served as judges. Two-person teams will be competing for a share of \$2600 in cash prizes to be awarded to eight students. The students will be debating the resolution, "That the use of the 'reasonable standard' to determine the propriety of searches conducted by public schools officials is unjustified," using an audience-centered debate format. The contestants will be judged on: organization, delivery, refutation, evidence, analysis and reasoning, and cross-examination. The contest is opened to any undergraduate students enrolled at Cornell. Further information, application forms, and even partners can be obtained from the Communication Arts Department on the fifth floor of Mann Library. No experience is necessary. Applications are due by 4:00 p.m. on Tuesday, May 6.

Swing Dance Clinic

Swing Dance Clinic by Oklahoma Swing Champions, Mark and Eileen Perrin, on Saturday, May 11, Robert Purcell Union, Multipurpose room, Cornell campus. Beginners from 10-noon, Intermediate from 1-3 p.m., and advanced from 3-5 p.m. Call Sarah Pallas at 273-4475 or 256-3006 for more information.

Alternatives Library

Learn more about what we're protesting. Books, etc. about South Africa and apartheid on reserve at the Alternatives Library in Anabel Taylor Hall. Open to the public.

Cornell Folk Song Club Workshop

A Cornell Folk Song Club Workshop on "How to Yodel", originally announced for Sunday, April 14, has been rescheduled for Sunday, May 12, from 3:30 to 5:30 p.m. in Room 314 of Cornell's Anabel Taylor Hall. The workshop will be led by Bill Staines, often billed as "The world's fastest yodeler", but is intended for beginners. Advanced registration is required. To register, phone 273-2132.

Luncheon Discussion Group

Tom Peters, Department of Architecture, "Europe and the Ingenious Yankees: Transatlantic Technology Transfer in the Nineteenth Century." Most histories emphasize how frequently Americans acquired their know-how in Europe during this period; Tom will discuss new evidence about the opposite process, the acquisition of American technological ideas by Europeans. Tom grew up in Rochester and Bombay and received his professional training in Zurich. He is an authority on the

history of bridges, tall buildings, and other aspects of civil engineering and will be adding to his Architecture duties participating in the new graduate field of the History and Philosophy of Science and Technology. The discussion will be held at 12:15 p.m. in room 153 of Uris Hall, on Friday, May 10.

Luncheon Discussion Group

Angus McLaren, University of Victoria, "Rituals of Reproduction: Fertility and Social Change in Early Modern Europe." Probably best known for his recent Sexuality and the Social Order, a study of the French birth control movement, Angus has published widely on a variety of topics in social history, from phrenology to Left-wing educational thought. This discussion will be held at 12:15 p.m. in room 153 of Uris Hall, on Friday, May 17.

International Museum Day

International Museum Day is on Saturday, May 18, from 11:00 a.m. to 1:00 p.m. at the Herbert F. Johnson Museum of Art. Come celebrate with us by trying your creativity in a hands-on stenciling workshop, viewing a display of the various museums designed by I. M. Pei, and enjoying a special added treat - museum cake and lemonade.

Dance

Dance Concert at WSH Theatre

Theatre Cornell will present new and original works by student and faculty choreographers in a wide range of styles and methods. "Dance Concert '85" will be presented in the Willard Straight Theatre on May 2-4, 9-11 at 8:15 p.m., and May 5 at 2:30 p.m.

Reservations for "Dance Concert '85" may be made by calling the Theatre Cornell box office at (607) 256-5165. The box office is located on the lower floor of Willard Straight Hall, and is open Monday-Friday from 1:00-6:00 p.m. Mail orders should be directed to Theatre Cornell, 101 Willard Straight Hall, Ithaca, N.Y. 14853. Visa/Mastercard are accepted.

Group rates are available for theatre parties of fifteen or more. Group reservations information may be obtained by calling 256-3688.

Exhibits

The Prinzhorn Collection

The Prinzhorn Collection will be on view at the Herbert F. Johnson Museum of Art from May 8 to June 30, 1985. This exhibition features approximately three hundred artistic expressions of institutionalized psychiatric patients, most of whom were diagnosed as schizophrenic. The majority of the works were created in Germany, Austria, Switzerland, Italy, and the Netherlands between 1890 and 1920. Traveling for the first time in the United States, the collection was amassed in the 1920's by art historian and physician Hans Prinzhorn of the University Psychiatric Hospital in Heidelberg,



A father and son exhibition is now open at the Upstairs Gallery, featuring works by photographer Eliot Porter and his son, sculptor Stephen Porter, who is shown above with one of his works, "Ithaca Bend," which was commissioned by Morse Automotive Products of Borg Warner in Ithaca. The elder Porter is a graduate of Harvard and Harvard Medical School, and is a self-taught photographer whose works have been shown in many major museums and are represented in most of their collections. Stephen Porter, a Cornellian (Master of Fine Arts 1967), is a sculptor whose works also have been shown at many major museums. The Upstairs Gallery is located in the DeWitt Office Complex downtown.

West Germany. It constitutes the first systematized attempt to present the art of the insane.

The Arts and Crafts Exhibit

The Arts and Crafts Movement in New York State: 1890-1920's, will be on exhibit in the Herbert F. Johnson Museum of Art from May 15 to June 23. Organized by Coy L. Ludwig, Director of the Tyler Art Gallery, and Professor of art at SUNY Oswego, this exhibition includes over two hundred fine examples of Arts and Crafts furniture, ceramics, metalwork, art glass, graphic and book arts, textiles, and architectural renderings on loan from museums and private collections across the state.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Friday

May 10, 8:00 p.m. •Statler Auditorium. "A Star is Born", (1954), directed by George Cukor, with Judy Garland and James Mason.

May 10, 10:15 p.m. •Uris Auditorium. "After the Rehearsal", (1984), directed by Ingmar Bergman, with Erland Josephson and Lena Olin.

May 10, 12:00 a.m. •Uris Auditorium. "King of Hearts", (1967), directed by Philippe de Broca, with Alan Bates and Pierre Brasseur.

Saturday

May 11, 7:00 p.m. •Uris Auditorium. "King of Hearts", (1967), directed by Philippe de Broca, with Alan Bates and Pierre Brasseur.

May 11, 9:15 p.m. •Uris Auditorium. "After the Rehearsal", (1984), directed by Ingmar Bergman, with Erland Josephson and Lena Olin.

May 11, 11:00 p.m. •Uris Auditorium. "What's Up, Tiger Lily?", (1966), directed by Senkichi Taniguchi/Woody Allen, with Woody Allen.

Sunday

May 12, 2:00 p.m. •Uris Auditorium. "The Animal Film", (1981), directed by Victor Schonfeld, narrated by Julie Christie, music by Robert Wyatt.

May 12, 8:00 p.m. •Uris Auditorium. "Meet Nero Wolfe", (1936), directed by Herbert Biberman, with Edward Arnold and Lionel Stander.

May 12, 10:00 p.m. •Uris Auditorium. IFMAC screening, special screening of new works by the Independent Filmmakers at Cornell.

Monday

May 13, 8:00 p.m. •Uris Auditorium. "The Maltese Falcon", (1941), directed by John Huston, with Humphrey Bogart and Mary Astor. Limited.

Tuesday

May 14, 8:00 p.m. •Uris Auditorium. "The Pink Panther", (1964), directed by Blake Edwards, with Peter Sellers andCapucine. Limited.

May 14, 8:00 p.m. •Central Casting. "The Meadows Green", (1976), directed by Dee Dee Halleck/George Griffin, with Bread & Puppet

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Theatre. Shown with "The Santa Claus Action", (1975), directed by Jon Bang Carlsen, with Solvognen Theatre Collective. Also, "Button, Button: A Dream of Nuclear War", directed by Frank Canton. Open.

Wednesday

May 15, 8:00 p.m. •Uris Auditorium. "Chinatown", (1974), directed by Roman Polanski with Jack Nicholson and Faye Dunaway. Limited.

Thursday

May 16, 8:00 p.m. •Uris Auditorium. "Tightrope", (1983), directed by Richard Tuggle with Clint Eastwood and Fridevieg Bujold. Limited.

Friday

May 17, 7:30 p.m. •Statler Auditorium. "2001", (1968), directed by Stanley Kubrick, with Keir Dullea and Gary Lockwood. Limited.

May 17, 10:15 p.m. •Uris Auditorium. "A Soldier's Story", (1984), directed by Norman Jewison, with Aadh Caesar and Howard E. Rollins, Jr. Limited.

May 17, 10:30 p.m. •Statler Auditorium. "2010", (1984), directed by Peter Hyams, with Keir Dullea and John Lithgow. Limited.

Saturday

May 18, 7:30 p.m. •Statler Auditorium. "2010", (1984), directed by Peter Hyams, with Keir Dullea and John Lithgow.

May 18, 8:00 p.m. •Uris Auditorium. "A Soldier's Story", (1984), directed by Norman Jewison, with Aadh Caesar and Howard E. Rollins, Jr. Limited.

May 18, 10:00 p.m. •Uris Auditorium. "The Mission", (1984), directed by Parvis Sayya with Houshang Touzih and Parris Sayyad. Open.

May 18, 10:15 p.m. •Statler Auditorium. "2001", (1968), directed by Stanley Kubrick, with Keir Dullea and Gary Lockwood. Limited.

Sunday

May 19, 8:00 p.m. •Uris Auditorium. "King Kong", (1933), directed by Merian C. Cooper/Ernest B. Schoedsack, with Fay Wray and Bruce Cabot. Open.

Lectures

Thursday

May 9, 12:20 p.m. 102 West Avenue Ext. "Diversifying, Designing, and Dividing: New Irrigation and the Logic of Settlers in North Sulawesi, Indonesia", with Douglas Vermillion, SEAP Graduate Student in Development Sociology. Sponsored by the Southeast Asia Program.

Friday

May 10, 3:30 p.m. G-3 Veterinary Research Tower. "Factors that Complicate Animal Research with Special Reference to the Effects of Subclinical Infections in Rodents", with Fred W. Quimby, Director, Center for Research Animal Resources.

Music

Friday

May 10, 2:30 p.m. •Arts Quad. Gamelan Under the Sun: Cornell Gamelan Ensemble directed by Martin Hatch (cancelled in event of rain). Sponsored by the Department of Music.

Saturday

May 11, 8:00 p.m. •Anabel Taylor Hall, Auditorium. Real Music Productions and the Commons Coffeehouse present: Trapezoids. The "Zoids" play music created under the influence of Irish and American tunes and songs, swing, jazz, and chamber music, and haunting melodies from around the world--and from them all, the group carves its own unique, splendid sound. With Lorraine Duisit on mandola, bowed psaltery, and vocals, Paul Reisler on guitar and hammered dulcimer, Freyda Epstein playing fiddle and singing, and Ralph Gordon, bass and cello. Tickets are \$5.00 in advance, \$6.00 at the door. Ticket outlets are The Commons Coffeehouse, Ithaca Guitar Works, Borealis Bookstore and Rebop Records.

Sunday

May 12, 8:15 p.m. Sage Chapel. Sage Chapel Choir, Stephen May conducting. Works of Schubert, Frescobaldi, May. Sponsored by the Department of Music.

Religious Services

The last Saturday morning Shabbat Service for the Egalitarian Minyan will be on June 1. Friday evening Shabbat Services will begin at 7:30 p.m. of June 7. Until then, Services will continue to begin at 6:00 p.m.

Catholic

Mon.-Fri., 12:15 p.m. Anabel Taylor Chapel.
Catholic Mass.
Every Saturday, 5 p.m. Anabel Taylor Auditorium. Catholic Mass.
Every Sunday, 9:30 & 11 a.m., 5 p.m. Anabel Taylor Auditorium. Catholic Mass. Sacrament of Reconciliation by appt. G-22 Anabel Taylor Hall. Christian Science
Every Thursday, 7 p.m. Anabel Taylor Founders Room.

Episcopal

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

Friends (Quakers)

Every Sunday Anabel Taylor Edwards Room. Meeting for Worship at 11 a.m.: Adult Discussion and First Day School at 9:45 a.m. Babysitting provided.

Korean Church

Every Sunday, 3 p.m. Anabel Taylor Chapel.

Lutheran

Every Sunday, 10:45 a.m. Worship Service. Sunday Church School at 9:30 a.m.

Muslim

Every Friday, 1 p.m. Anabel Taylor Edwards Room. Juma Prayer. Anabel Taylor 218, Zuhr, Asr and other prayers.

Every Sunday, 12:30 p.m. Anabel Taylor Hall. Sunday meeting, discussion groups, children's classes, etc.

Protestant Cooperative Ministry

Every Sunday, 11:15 a.m., Anabel Taylor Chapel.

Seventh Day Adventists

Every Friday, 7:30 p.m. Anabel Taylor Room 314.

Friday

May 10, 6:00 p.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

May 10, 6:00 p.m. Anabel Taylor Chapel. Shabbat Services, Reform Minyan.

Saturday

May 11, 9:15 a.m. Edwards Room, Anabel Taylor Hall. Shabbat Services, Orthodox Minyan.

May 11, 10:00 a.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Conservative Egalitarian Minyan.

Sunday

May 12, 11:00 a.m. Sage Chapel. Gail V. Riina, Assistant Director, CURW.

May 19, 11:00 a.m. Sage Chapel. Robert L. Johnson, Director, CURW.

Seminars

Astronomy: "Clouds and Chromophores in the Jovian Atmosphere," Robert A. West, Jet Propulsion Lab, 4:30 p.m. Thursday, May 9, 105 Space Sciences.

Biophysics: "Point Mutations and Protein Folding," C. R. Matthews, Chemistry, Pennsylvania State University, 4:30 p.m. Wednesday, May 15, 700 Clark Hall.

Boyce Thompson: "Photosynthesis and Nitrogen Nutrition in Vegetative Soybeans," Dr. D. Sirois, BTI, 3:15 p.m. Wednesday, May 15, BTI Auditorium.

Chemistry: "Ionomers / Properties and Applications," Adi Eisenberg, McGill University, 4:40 p.m. Thursday, May 9, 119 Baker Laboratory.

Ecology and Systematics: "Descriptive and Experimental Studies of Stream Fish Ecology," Larry R. Greenberg, Ecology and Systematics, Cornell, 4:30 p.m. Wednesday, May 15, Morison Seminar Room, Corson/Mudd Halls.

Environmental Toxicology: "Ground Water Contamination; Perceptives and Actions of Elmira Residents," Bonny Hughes, graduate student, Cornell, 12:15 p.m. Friday, May 10, N207 Martha Van Rensselaer Hall.

Floriculture and Ornamental Horticulture: "The Effects of Root Zone Heating on Rooting of Chrysanthemums," Idris Mohamed Ahmed, 12:15 p.m. Thursday, May 16, 37 Plant Science.

Genetics and Development: "mRNA Localization and Transcriptional Activation in Frog Development," Dr. Doug Melton, Biochemistry and Molecular Biology, Harvard, 3 p.m. Thursday, May 9, 135 Emerson Hall.

Genetics and Development: "The Nothc Locus of Drosophila Melanogaster; A Locus Affecting Neurogenesis," Dr. Spyros Artavanis-Tsakonas, Biology, Yale, 4 p.m. Monday, May 13, 108 Bradford Hall.

International Nutrition: "Effect of Physical Activity on Recovery from Severe Protein-Energy Malnutrition," Dr. Benjamin Torun, INCAP — Guatemala, 12:10 p.m. Thursday, May 9, 130 Savage Hall.

Microbiology: "Genetics of NAD Metabolism/Global Control in Salmonella Typhimurium," Dr. John W. Foster, Microbiology, Marshall University School of Medicine, 4:30 p.m. Thursday, May 16, 124 Stocking Hall.

Neurobiology and Behavior: "Aspects of Somatosensory Processing in the Mammalian Spinal Cord," Dr. Dan Tapper, Physiology, Cornell, 12:30 p.m. Thursday, May 9, Morison Seminar room, Corson/Mudd Halls.

Ornithology: "Birds of the Oneida Lake Basin Region," Paul DeBenedictis, Onondaga Audubon Society, 7:45 p.m. Monday, May 13, Laboratory of Ornithology, Sapsucker Woods Road.

Parasitology: "Susceptibility to Murine Malaria," Peter C. Sayles, Preventive Medicine, Cornell, 4 p.m. Thursday, May 9, Diagnostic Laboratory Conference Room, State College of Veterinary Medicine.

Physiology: "Stimulation Variables and Sensory Response from the Point of View of the Olfactory Nerve," Dr. Maxwell Mozell, Department of Physiology, Upstate Medical Center, Syracuse, 4:30 p.m. Tuesday, May 14, G-3 Veterinary Research Tower.

Psychology: "A New Musical Scale with Harmonies Based on Two Nontraditional Chords—and the Validation of Its Psychological Validity," Drs. Max Mathews and Linda Roberts, Bell Laboratories, Murray Hill, N.J., 4:30 p.m. Thursday, May 9, 260 Uris Hall.

Psychology: "The Search for Life—Course Continuities in Personality," Dr. Daryl Bem, Psychology, Cornell, 3:30 p.m. Friday, May 10, 202 Uris Hall.

Statistics: "Repeatability of Biomedical Measurements; Fitting a Beta Binomial Model," Dr. Howard T. Thaler, Sloan Kettering Cancer Center, New York, 3:30 p.m. Wednesday, May 15, 105 or 120 ILR Conference Center.

Sports

Tuesday

May 14, 1:00 p.m. Hoy Field. Men's Baseball-Ithaca College (2).

Saturday

May 18, 1:00 p.m. Hoy Field. Men's Baseball-New York Tech. (2).

Theater

New Drama Group to Perform

On Tuesday, May 14, a newly formed drama group, "Les Surprises Comiques d'Ithaque," will present a staged reading of about 20 of Raymond Queneau's "Exercices de Style" -- in French.

The 8:15 p.m. Drummond Studio performance will star Dean Alain Sezecas the narrator and Peggy Lawler, acting chairman of the department of theatre arts, as his accomplice. The director is Edward Morris, professor of romance studies; various members of the department of theatre arts are providing assistance with costumes, set, and lighting.

"Exercices de Style" was first published in 1947 and is a set of 99 variations on an insignificant story about a passenger on a Paris bus who wears an odd-looking hat and accuses others of treading on his toes.

Admission is free but seating is limited. Those who wish to be assured of a seat may obtain free advance tickets at Lincoln Hall's department of theatre arts or at the department of romance studies in Goldwin Smith Hall.

Theatre Cornell Wrap-Up: Dance Concert '85

Rounding out a very successful season, Theatre Cornell is proud to present new and original works by student and faculty choreographers. Join us for an evening of innovative dance in a wide range of styles and methods. Dance Concert '85 will be presented in the Willard Straight Theatre on May 2-4, 9-11 at 8:15 p.m., and May 5 at 2:30 p.m. Reservations for Dance Concert '85 may be made by calling the Theatre Cornell box office at (607) 256-5165. The box office is located on the lower floor of Willard Straight hall, and is open Monday-Friday from 1:00-6:00 p.m. Mail orders should be directed to Theatre Cornell, 101 Willard Straight Hall, Ithaca, NY 14853. Visa/Mastercard are accepted.

Black Theatre Workshop

The Africana Studies and Research Center at Cornell University announced today that its Black Theatre Workshop will present a bill of three one-act plays in Anabel Taylor Auditorium for two performances, one on Friday, May 10, at 8:00 p.m. and the other on Sunday, May 12, at 7:00 p.m. The plays -- all by Black American playwrights -- are "String," by Alice Childress; "Rosalee Pritchett," by Carlton and Barbara Molette;

and "Herbert III," by Ted Shine. Admission is free.

The presentations, which are being entirely produced, directed and acted by students in the Center's Black Theatre and Dramatic Literature course, mark a return to Black theatre activity by the Center after a hiatus of several years.

Supervising will be New York playwright and film producer William Branch, who is visiting professor at the Center for the Spring semester.

Barton Blotter

A member of the Cornell community was referred to the Judicial Administrator on charges of attempting to steal license plates from cars in the North Campus parking lot, according to the morning reports of the Department of Public Safety for the week of April 29 through May 5.

During this seven-day period, there were a total of 17 thefts reported on campus involving losses in cash and valuables of \$6,557. These included a MacIntosh computer with associated paraphernalia taken from the Telecommunications Department at 104 Maple Avenue. The dollar loss was set at \$3,655.

Other thefts included nine fire extinguishers, taken mostly from dormitories, valued at a total of \$238. A \$1,400 watch was reported stolen or lost from Statler Hall or a campus bus.

Cash thefts of \$100 and \$20 were reported to have taken place in the women's locker room of Teagle Hall. A \$230 bicycle with cable and lock was reported taken from the main entrance of Willard Straight Hall. Two tennis racquets worth a total of \$500 were reported stolen from the tennis bubble.

Graduate Bulletin

May 24 is the deadline for submissions of all materials for a June degree. No exceptions to this deadline will be made.

Summer Graduate Registration (SGR) forms will be available beginning May 20 at the Graduate School Information Desk. SGR must be completed by graduate students who: want to use campus facilities (the libraries, clinic, etc.) during the summer; are off campus but require credit for summer study; are receiving student aid during the summer; or require proof of registration for outside agencies. There is no charge for students who do not want to take courses or to earn residence credit and who were registered full-time for at least one semester of the 1984-85 academic year. The fee for students who were not registered for at least one semester of the past academic year is \$5 per week. Students who plan to receive residence credit for summer study are required to pay a prorated portion of the 1985-86 Graduate School tu-

ition charge. Registration must be in person at the Graduate School office. Student ID is required for validation of the SGR form. Those who wish to register for course work must do so through the Summer Session Office.

CIVITAS

Thanks again to the more than 300 Cornell volunteers who gave their time and energy to help us fill the human needs of our community this semester. Through volunteer effort, both on the campus and in the Ithaca community, the quality of life is strengthened and enhanced for all of us. We hope you received a return for your service in enjoyment and new experiences. If you are leaving Ithaca soon, good luck in what comes next. If you are staying, we hope you'll use our office again either over the summer or in the fall.

THIS IS A SPECIAL APPEAL TO GRAD STUDENTS. Can you spare an hour a week to tutor a high school student? We are still hoping to find tutors who can help until early June in the following subjects: algebra I and II, general math, geometry, pre-calculus, biology, chemistry, general science and English. Usually high school students in need of help can come to the Cornell campus after school, evenings or weekends.

VISITING GRANDMOTHER FROM COLUMBIA. She hopes you can go to visit her apartment on M, W, F or Sat. morning to converse in English so that she can feel more independent and secure in the outside world.

SOME 4H REQUESTS: 1) Choose one evening, May 20, 21, 22 or 23, and be a judge for clothing and other sewing projects completed by young 4Hers. You must have expertise in textiles and clothing, and some 4H experience is preferable. 2) Help one evening in the first week of July with a "Communications Workshop" held for 4Hers and their leaders to develop posters, radio announcements and press releases to promote the 4H Fair. 3) Judges with expertise in foods, clothing, consumer economics are needed for the 4H Fair. One day's commitment, July 17, 18, 19, or 20. 4H background preferred. 4) Natural Resources Appreciation Program seeks 10 volunteers to work as Site Coordinators on May 10, 13, or 15. Work involves coordinating a half day of environmental education activities for 4th, 5th, 6th graders at any of 6 sites. Training session will be scheduled and help will be provided with transportation.

VISUALLY IMPAIRED FOREIGN GRADUATE STUDENT living in Sage hopes to find companions to take him for evening walks. He also needs help daily getting from Sage to Morrill at 8am, back to Sage at 9am, and, on Tues. and Thurs., from Sage at 2:30pm and from Morrill at 3:30pm. On Wed. afternoons he has to go to Sage to Stone at 3:30pm and back at 6pm. This student's visual impairment has recently become severe. Any help you can offer him will be most appreciated.

TO RESPOND: COME TO CIVITAS, 119B Anabel Taylor Hall. Open Mon., Wed., Fri., 9-3; Tues. and Thurs., 10-2. Or call 256-7513.

Funded in part by the Student Finance Commission and open to the entire Cornell community.

Fulbright, Other Grants Available For Graduate Study Overseas

The United States Information Agency (USIA) and Institute of International Education (IIE) have announced the official opening of the 1986-87 competition for grants for graduate study or research abroad in academic fields and for professional training in the creative and performing arts. It is expected that approximately 700 awards to over 70 countries will be available for the 1986-87 academic year.

These grants are intended to increase mutual understanding among the people of the United States and other countries through the exchange of people, knowledge, and skills. They are provided under the terms of the Mutual Educational and Cultural Exchange Act of 1961 (Fulbright-Hays Act) and by foreign governments, universities, corporations, and private donors.

Applicants must be U.S. citizens at the time of application, who will generally hold

a bachelor's degree or its equivalent before the beginning date of the grant and, in most cases, will be proficient in the language of the host country. Except for specific awards, candidates may not hold the Ph.D. at the time of application. Candidates for 1986-87 are ineligible for a grant to a country if they have been doing graduate work or conducting research in that country for six months or more during the academic year 1985-86.

Creative and performing artists are not required to have a bachelor's degree, but they must have four years of professional study or equivalent experience.

Application forms and further information for students currently enrolled may be obtained from the Fulbright Program Adviser, Gerard Cox, Sage Graduate Center, 256-4603. The deadline for filing applications is September 17, 1985.

Bulletin of the Faculty

April 10, 1985
110 Ives Hall

The meeting was called to order at 4:33 p.m. by the Speaker, Russell B. Martin. The approval of the minutes was delayed as a quorum was not present. Speaker Martin then called on Dean Joseph B. Bugliari for remarks.

1. REMARKS BY THE DEAN:

Dean Bugliari: "I just have a couple of brief announcements to make. The first is that we will have another computer program for the members of the faculty during the first two weeks in June. One will start on the week of June 3; the second will start on the week of June 10. Agelia Velleman, who has been arranging these programs for us, promises that they will be as meaty as the programs offered in January. We hope to get the information out to you with the call to the May meeting. Everyone, of course, will be invited.

"Assuming we get through all the business we have today and have nothing else come up, the plan for us in May will be a combined meeting with the University Faculty on Wednesday, May 15. At that meeting we will honor those people who are retiring. To add a little to it beyond the mere statements about the retirees, Gould Colman will have a slide presentation on Cornell history, which I think will be very interesting; and we will have entertainment provided by our good friend Tom Sokol and the Hangovers, who will sing some Cornell songs at the end of the meeting. I think it will be a nice occasion, and I hope you and many more of our colleagues will try to come to honor those people who will be retiring at that time.

"The last item is something that you may have heard or read about, and that is that there is afoot somewhere a proposal to change the calendar one more time. I would indicate to you that there can be no change, at least one that is proposed, without a vote of this body, so you do not have to worry that it is going to occur imminently. The Executive Committee of the FCR under Ron Ehrenberg is the Committee that is handling this for the faculty. I have been designated by the Provost to collect the responses to the proposal from deans and other people, and so far would tell you that the responses are going about like this: there are some people who think it is an innovative stroke of genius; many who think it is the product of a malevolent and deranged mind; some who have taken the opportunity to get their order in to go back to the old calendar where we had exams after Christmas; and yet another group who realize that it is where we may go and have already indicated their opposition to that proposal. I would suggest to you that there is no immediate impending action. The proposal has been put out there to see who will fire at it, and, of course, everybody including the *Cornell Daily Sun* and everybody else has been firing at it. If you have any comments you would like to add, I'll collect those and give them to the Provost in addition. Thank you."

Speaker Martin thanked the Dean and asked if there were any questions. There being none, he called on Professor Peter Minotti, Chairman of the Committee on University-ROTC Relationships.

2. ROTC PRESENTATION:

Associate Professor Peter L. Minotti, Vegetable Crops: "My job today is to introduce our speaker, but I want to steal a minute or two of his time to tell you something about our Committee. The University-ROTC Relationships Committee - URRC for short - is a functioning standing committee of this body and reports to you annually. The Committee was established in 1969 and was given a rather broad charge. Let me quote just one thing from the Charter: 'An instrument for which the University demonstrates its active and direct concern with officer education programs and their evaluation.' Of course, that's a mouthful, and while I'm not looking for more work, I do want you to know that this Committee exists and meets several times every year. So if you have a special interest or concern about ROTC, please come and talk to us; if you let me know in advance, we'll give you some time on the agenda.

"The Committee consists of six elected faculty members who serve three-year terms, so they turn over two new ones every year. In addition to that, there are two administrators - in this case Vice Provost Spencer, who was appointed by the President, and David Drinkwater, Dean of Students. In addition to that, there are three student members, one from each of the services and then we like to have four at-large, and I need your help here. In a few days you'll see something in the *Sun* about it. If you know of students in your classes who might be good candidates to serve on a committee like this, I wish you would bug them a little bit and have them do this. I think they will find it is a very good experience; we like to have a full committee, and we do meet fairly often. So, help me out on that if you would. Finally, the Committee consists of the three commanders of the military units, and these, as you know, hold positions as professor of naval science, professor of aerospace studies and professor of military science. These gentlemen all have advanced degrees; some of them have more than one, and I'd like to introduce them to you because they have a lot of information and can help you out if you are interested in the program. First of all, Col. John Kubiak from the Air Force. John's here; he brought a cadet with him."

Col. John Kubiak, Professor, Aerospace Studies: "This is Cadet Scott Walker, one of our students."

Professor Minotti: "I went to a Rotary meeting the other day, and there was John telling about flying airplanes in and out of typhoons and hurricanes and interfacing with the weather system, so there are always some interesting things."

"The Navy Commander is Captain Gene Ward. Now, he couldn't be with us. He is taking care of the Alliance right now, but I do want to introduce Lt. Robert Gross, who incidentally, is a Cornell graduate who has been in the Navy and now is back at his alma mater, so we're very fortunate to have Bob here interacting with our students. Bob, do you have the latest word about the Alliance?"

Lt. Gross: "First, I would like to introduce Midshipman Scott Thompson. The last word on the Alliance is that it's off the bottom. This morning I found out exactly why it sank. I'm sure you will read about it."

Professor Minotti: "The last member of our Committee, of course, the speaker today, Lt. Col. Boyle. Now, I wanted you to meet these gentlemen because although these ROTC programs have a lot in com-

mon, each is unique. There are differences, and each of them would like to tell you why his program is better than the other two, and they would love to hear from you if you want more information.

"Dave Boyle is originally from Massachusetts, I know that. I know he received degrees in California and North Carolina, and I think he is ready now to raise the ROTC awareness quotient of this group."

Lt. Col. David J. Boyle, Professor of Military Science: "I am the Professor of Military Science and Army Detachment Commander. What I hope to do this afternoon, on behalf of the University and ROTC, is to make the faculty more aware of ROTC programs and goals. It is more of an information sharing briefing, if you will. After I speak for ten or twelve minutes, I will entertain questions from the floor. The result that I would like to achieve is that you take the information you hear today back to your departments and colleges and disseminate that information to other faculty/staff members and students as you see fit.

"A little bit about the history of ROTC. As you know, this is a land grant institution and, therefore, in 1868 when the doors opened, the Agricultural school and Military Science were here. We have enjoyed a long, proud relationship with Cornell. We have served this institution and our nation for 116 years on-campus. We're only one of three Ivy League schools, the others being the University of Pennsylvania and Princeton, that host an Army ROTC Detachment. As for our ROTC and University ties, we have already heard Professor Minotti's comments relative to the URRC. The URRC also has the right of oversight for staff nominations. As each three-year assignment ends, the various services forward a nomination of an officer to replace the individual that is to be reassigned. For example, I will be leaving this June for reassignment to the Pentagon. My replacement's nomination came forward early this spring. He is coming from Korea and is a Cornell grad - I believe it was 1966 - and we are looking forward to Col. Buchwald's arrival. The URRC also takes a very close look at the



ROTC curriculum and any other problem of such magnitude that needs to be resolved by the Committee as a whole.

"A little bit about the composition of the services that make up this body. We have a five hundred plus cadet corps, and that is a large contingent. Basically, the Navy has a little over 200 people, the Air Force roughly 175 and we have 145, and it has been growing steadily every year since I've been on board. We expect the programs to grow a great deal more.

"Women in the Army program make up 33% of our cadet population, a similar number in the Air Force, and the number decreases a little bit for the Navy. The minority percentage is 5% in our program, and that percentage pretty much holds true for the other services. As for the curriculum, I think it is important for you all to take back to your schools and college that we in ROTC try to strike a fair balance between the student's academic load on campus and what he or she has to undergo as part of our requirements.

"The one issue that we insure every cadet or midshipman clearly understands is that he or she is not majoring in ROTC - that is not why they are at Cornell. Now there are some cases where people would much rather do everything they possibly can in ROTC and let their academics slide. It is important for every person to understand clearly that we cannot confer a commission unless a student receives a degree, so, first things first. As to the number of hours a cadet may spend participating in the ROTC program, of course each program is unique, but if you look at a freshman, he/she will spend anywhere from three to six hours a week participating in the program.

"That's one hour of class, 2 hours of lab, and then the remaining three hours may be in some activity associated with the program. It is pretty much the same for sophomores. The juniors, at least in the Army, have a much more detailed program, and they could spend upwards of ten hours a week. During their time with ROTC all three de-

tachments focus on responsibility, decision-making, leadership and leadership roles. We also teach organizational and managerial skills and then place the cadets in leadership positions. We evaluate the cadet throughout all four years, so they're under constant observation. "It is important to know that in each of the detachments that counseling is a vital part of our overall program. We expend numerous hours with every cadet in a counseling mode. It's important for us to understand everything about the cadet because, shortly after they graduate and a commission conferred upon them, they will be in charge of at least in the Army - of up to 40 people and millions of dollars worth of equipment. We have to find out during their time with us if that individual is stable enough to accept increased responsibilities of that magnitude.

"Their maturity rate is tremendous. It is a pleasure to watch these young men and women mature as quickly as they do in the time between their freshman and sophomore years. Again, we counsel them not only on academics or ROTC performance, but about their concerns or any personal problems they may be experiencing. In each of the detachments we have a chain of command established and, hopefully, the lighter problems can be resolved through that chain of command.

"In the Army we take it a step further. We have a sponsorship program whereby every senior is responsible for two or three underclassmen, and he/she is expected to be in constant communication with his/her sponsorees at a minimum, once a week - asking them how they are doing, if he or she has any problems or if they need tutoring assistance. This has proven to be a viable program. We've had positive feedback from the cadets indicating they were glad to have someone to turn to. It is an instant family, and it transcends the broad spectrum of upperclassmen. It is particularly important to the freshman as they make that difficult transition from high school to the university environment, and it has paid dividends for us.

"We're not just concerned with teaching people military skills. We're also very much concerned with rounding out the individual. We insure they participate in extracurricular activities. We're very active in intramurals. We have a national military honor society called the Scabard and Blade. Our chapter was first established in 1906 at Cornell. We are the third company in the first regiment established in the nation: The Scabard and Blade is a service-oriented organization. They perform community work both here in the University and in Ithaca. Blood drives are sponsored by the tri-service brigade both in the fall and the spring.

"Cornell recently held its phonathon to solicit endowments from Cornell graduates. An Army contingent participated and I am pleased to report they performed exceedingly well and won the group competition. They garnered, I think, \$42,000+ for the school in a very short period of time. That was \$7,000 more than the previous record. Cadets also sponsor charity events to raise money for agencies in Ithaca such as GIAC and Hospicare.

"The reason I provide you with this information is to let you know that we teach not just military skills, but teach the cadet to also be responsible to the community in which he or she lives. We see each of these activities as a training tool. We provide the cadets an idea, the cadet takes that idea and develops courses of action, they weigh the options, make decisions and execute. We then submit after-action reports to identify deficiencies in planning and this report then takes the form of an instant evaluation.

"An important part of my comments today is the scholarship program. We have four, three and two-year scholarships. Now, a four-year award is principally for the high school senior. That individual will apply for a four-year scholarship while he or she is in their senior year of high school. I won't dwell on the four-year scholarship too much because it really doesn't pertain to this audience. I will provide you a profile of the individual who does win a four-year scholarship. That person is generally in the top five percent of his or her high school class, is active in perhaps several athletic teams, maybe even a captain or co-captain of one, very active in school organizations, community organizations and the like. The average SAT score of the four-year scholarship winner is 1260. So, that is the type of person we have in our programs on four-year scholarships. Now, the three and the two-year scholarships are for freshman and sophomores respectively. We have already gone through our two-year scholarship interview process and are presently looking at freshmen.

"What does the scholarship do for the student? Basically, it pays for all tuition, a reasonable amount for books, depending on the major that you are taking, all labs and services. All contracted students receive \$100 a month for up to \$1000 a year while participating in our programs. With the projected increase in tuition next year, the scholarship winner will receive a \$40,000-\$60,000 education while matriculating at Cornell. In return, the individual is obligated for four years of active duty.

"As far as the Army is concerned, I can no longer guarantee that any scholarship student will see active duty. Cadets then, have to perform well in ROTC to compete for active duty positions. Those not selected for active duty will go into the reserves. To sum up the type of quality student we have in our programs here at Cornell, I am proud to announce that last week I was notified that our Army detachment was recognized by the Chief of Staff of the Army as one of the top 15 detachments in the ROTC program.

"There are 315 host detachments and they are located in every state in the Union plus Guam, Puerto Rico, Virgin Islands and Germany. We are in the top 15, and yes, that is nice for the Army, but more important, it is clearly indicative of the type of cadet of midshipman that we have in all three service programs. That's the kind of people we want, that's the quality individual, that's the kind you want.

"We feel that ROTC programs at Cornell add to the diversity of the institution. We also believe that our programs offer an alternative choice for the student. What I would ask is that when you go back and disseminate this information, perhaps you may run into that quality individual in your school or college who can no longer remain at Cornell for financial reasons, or, that student who wants to look to the future with an alternative career option in hand. Should these situations arise, I would ask that you inform them of ROTC and invite the stu-



about, so we did the usual and said, 'Well, if you give us this much, we'll do this much. If you give us a little more, we will do a little more.' We didn't hear anything. Finally, I think it was the middle of September, and I got a call and was told, 'we have seven million dollars for five years.' After I picked myself up off the floor, I said, 'Well, that's great; that's wonderful. When do we start?' They said that the President would announce it in October at the Trustee Council Meeting and that they wanted to start the program in the summer. And then after I picked myself up off the floor a second time, I said, 'Well, okay, we'll do it.'

"One of the things that is important in this program is the work ethic, and the alumni who made the original seven million dollar gift are all people who have worked their way through Cornell. Now, they recognize that it is no longer possible to do that with the high costs of attending the institution, but what they did want to do was recognize that kind of effort that our students put in helping to pay for their educational costs. What we have with The Cornell Tradition are four programs. Three fellowship programs to reward students who work by providing money to replace loans. The other program is the Summer Job Network, and that is probably the program that has received the most national publicity and the one you may have heard about the most. The Summer Job Network is open to all students regardless of their financial aid status.

"Let's just talk a little bit about each one of the programs. The Freshman/Transfer Fellowship - this is the fellowship program for matriculating students. During the admissions process, these people are identified from their applications by those who read the application folders, staff or faculty in the colleges or it can be someone on the staff in the central undergraduate admissions office. The Fellowship Review Committee then looks at the application; we look at what kind of work experience these students have had, recognizing that not all freshmen have had a paid work experience. We look at a couple of things - the traditional paid work experience that they've had in high school or in their prior college experience, some kind of significant volunteer involvement that perhaps relates to their career plans at Cornell, and we also look at the level of support that a student may have given either to a family business or to their own family in a case perhaps of a single parent family where the eldest child has had to stay home and care for younger children - that's a type of financial support to the family. We look at that, we look at general initiative and motivation factors, community involvement and, of course, their academic record. These students receive up to \$2,500 per year to replace their loans at Cornell.

"Well, what happens if you are nominated for the program and get to Cornell and realize, 'This is costing me a lot of money. I'm having to borrow a lot of money every year.'? Well, then you can apply for the Academic Year Fellowship program, where applications are available on an annual basis. Again, it's need based, with a maximum award of \$2,500 to replace loan. Fellows are selected on many of the same qualifications as in the Freshman/Transfer program with the sole exception being that this must be paid work experience during the academic year. There is a fellowship review committee that is comprised of students, faculty and staff, and they set the work qualification for the program each year. At present it's a minimum of 330 hours. That sounds like a lot, so one of the jobs of our office is to try and show students how they can do 330 hours and still have a quality academic experience, be involved in activities outside work and the classroom at Cornell.

"If a student works only during the time classes are in session, this

amounts to about twelve hours per week; if, however, they are creative and take advantage of the services of our office and choose to work full time during winter session or full time during spring break or fall break or some of the other small vacation periods, they can reduce their average work per week to between five and seven hours. Five to seven hours really shouldn't strap too many people, as long as they are doing well in class.

"There is another program, the Summer Fellowship program, that is small and is available only to students who are in one of the other Cornell Tradition programs. The purpose of that particular fellowship is to replace the summer savings expectations for students who are either commuting to a summer job and therefore have high extra costs. As you well know, if you are in New York City and you have to commute any distance, it can be pretty hefty cost per month, so we help them with that or some students may need to take a job outside their hometown to get the best quality career-related work experience, and therefore they may have some additional travel or living costs. There are also those freshmen who don't get out of high school in New York until about the third week in June and are expected to be here when campus orientation starts the third week in August, so no matter how hard they try, they aren't going to make their summer savings. For those students we also offer the Summer Fellowship program.

"Now, I'm going to talk a little bit about the Summer Job Network. The Summer Job Network is the largest of The Cornell Tradition Programs, the one you hear the most about. It is a unique program, one that has been imitated by many and duplicated by none thus far. In the Summer Job Network, the purpose is to develop off-campus job opportunities - and that means non-Cornell, we only deal with one Cornell unit and that happens to be the Medical College in New York City, and we do that for obvious reasons because you can get the job experience there that you can't get anywhere else.

"When we develop off-campus, career-related jobs, we look for a high-quality job, good work experience, and we also look for jobs that pay well, and that's the key. Any student with a little motivation can go out and get a great volunteer assignment for the summer, but what we're looking for is a high-quality job that is going to enable that student to save money to come back and pay for educational costs.

"This program was highlighted on the CBS evening news in April 1984 and if any of you have worked with the media, that four minutes is worth about a quarter of a million dollars if we had tried to film it and sell it in terms of TV advertising. I have several copies of that video tape available if anyone is interested in seeing it. It's a real good capsule, and we use it a lot when we're on the road to talk with alumni or talk to prospective students.

"How does this part of the program work? As I said, it's available to any student, regardless of their financial aid status, so it doesn't need to be someone who is on financial aid at the University. We have found that our applicant pool is about 50/50 - fifty percent are on need based financial aid, fifty percent aren't. The students must apply. During the application process, they note field and location choices. We have an on-line computer system, and we load them all into the system. The jobs are developed by a nationwide network of Cornell alumni who tap their friends, look to their own businesses and corporations, and send us leads. We have been very successful. The first year we were able to place 418 students. I think that was pretty good for roughly eight months worth of work. Last summer we placed 565 students and this summer we anticipate placing 600-650 students in the program. We are placing them in jobs that are both in the profit and in the non-profit sectors. It is not hard to develop jobs in the non-profit sector.

"It is very hard to develop jobs in the profit sector, and that's a place where we are really putting some effort. What do we offer an employer? Why should they hire a Cornell student? What's the big deal? We don't openpost the positions. We refer to employers a small pool of qualified, pre-screened Cornell students. The employer gets a resume and a writing sample from about 5 students who are qualified for the particular job opening they have. In some cases, we also offer the employer a subsidy of the gross wages. If the position is new, if it's in a field that we've had a lot of difficulty placing students in, and particularly if we want to get a wage up a little bit - maybe they've got a job, but they can only pay \$3.35, but we know that job is worth \$5 or \$6 an hour, we will subsidize the position.

"Funds are limited, so, of course, we prefer and we push unsubsidized jobs, but even if it is an unsubsidized job, pre-screening is pretty important to a summer employer. Large corporations like IBM and some others have had well developed summer programs. They have staff to deal with large application pools of college students who are looking for summer work. We deal primarily with the smaller businesses, the places that would hire one or two students to do a particular project for a three-month period, and that's where we can really make an impact.

"How do we know it works? First of all, most people are pretty happy about it. How do we know that? Because we have a person who is working on research for this program. We are very fortunate to have a Research Associate who has devoted several months of his time to developing survey instruments for program validation, instruments for each one of our programs. Each year we survey all of our client groups, our students, our employers, our alumni to find out how we can do a better job - what do they think of the program, how has the communication been between them and the office, how is everything working. In addition, we are looking at the long-term behavior of students who are participating in The Cornell Tradition programs to try and ascertain whether over the long range, and I'm talking five, ten, fifteen, twenty years out, these students will behave differently toward Cornell. Will they give more money? And what will they give it for? Will they participate more in alumni activities and what kinds of activities? Are they going to graduate school sooner because they had less debt? These are the kinds of things we are looking at.

"So, this is all wonderful and you say, well now, that's terrific, but what can I do? One of the things you can do is this: most of you prob-

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dents to come and chat with us. The only cost to that student is time - the time he or she will take to come over and inquire about our program to see if what we have to offer suits their needs.

"I've gone a little over my 12 minutes. At this time I'd like to entertain any questions you may have."

Professor William H. Kaven, Hotel Administration: "Are the students free to apply from any of the colleges in the University? To all three services?"

Col. Boyle answered yes to both questions and Col. Kubiak said that the Air Force is mainly interested in engineers.

Professor Robert M. Cotts, Physics: "You said that some of the graduates do not go to active duty. What is the commitment in going into the reserves if there is a four-year commitment to active duty?"

Col. Boyle: "All military obligation is eight years. Now, for those who go on active duty and do their four years, when they finish their active obligation they go into an inactive pool. In other words, their name is placed on an inactive reserve roster. For those people who go directly to the reserves, there is an eight-year commitment. That means they will receive their degree, go anywhere they want to in the United States and affiliate themselves with a reserve unit close to their place of residence. They will attend reserve meetings once a month, usually one weekend a month, and two weeks in the summer. These are paid drills which supplements their annual income nicely. Thus, an individual can pursue a private career and keep their association with the military if they so desire."

Lt. Gross: "There is a slight difference here. In the Navy, all of our people who have scholarships and graduate get a regular commission and are commissioned for four years of active duty. Those that don't have a scholarship and apply for what we call a college program, and that's very few - maybe one or two per class, get a reserve commission and still go ahead and serve four years of active duty."

Professor John E. H. Sherry, Hotel Administration: "Col. Boyle, I don't know if you still have a teaching liaison with individual faculty in the various schools. I had the pleasure of working with the Navy some years ago on a program to place military justice in a democracy, and I enjoyed that very much, and I would certainly recommend that you continue that or investigate it as appropriate. Is that done at all? Do you still invite faculty to teach students on occasion?"

Col. Boyle: "Yes, we have a course that deals with armed conflict in society. This satisfies our military history requirement. It is sponsored by all three services. The lectures are provided by professors from Cornell, West Point and Cortland."

The Speaker thanked Col. Boyle, then called on Professor Peter Harriott, member of the Committee on Admissions and Financial Aids.

3. PRESENTATION ON CORNELL TRADITION:

Professor Peter Harriott, Chemical Engineering: "As you know, a great many of our students count on part-time work while at Cornell and on summer jobs to help meet their financial expenses. In the coming years with the increasing costs and nearly level or declining federal support, they may be called on to provide an even greater share of their financial expenses.

"One program that was started a few years ago to provide students increased employment opportunities and other financial support was The Cornell Tradition, and I'd like to call on Caroline Nisbet who is the Program Director of the Student Employment Office to tell us a little more about the program."

Caroline A. Nisbet, program Director, Student Employment: "It's a pleasure to be with you today. I'd like to clarify that the Cornell Tradition is one of eight programs that is administered by the Student Employment Office, and perhaps it would be good to start with just a little history about The Cornell Tradition in case you all aren't aware of how it started.

(Note: Caroline Nisbet presented an excellent slide show to accompany her discussion. Her text includes all the materials she used as visuals. F.H.)

"In the spring of 1982, a group of alumni approached the Administration and were interested in doing something with financial aid. They weren't exactly sure what they wanted to do, but they were determined to give a large gift to the University. We explored loan programs and during that exploration these people decided that loans were not the way to go. They were much more interested in reducing loans than adding to the loan burden of our students. At that point in time, they came to my office and they said, 'Can you think of anything people can do if they want to work?' I said, 'Sure. How much money do you want to spend?' They said they didn't know and to think of a program. So, we sat down with the staff and we worked a couple of months and came up with a proposal.

"We still didn't have any idea how much money we were talking



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ably have students who work for you or in your departments. Identify those students who are working 10-12 hours per week and make sure they know about the program and encourage them to apply for the fellowships. I have left a large number of brochures which you can feel free to take and hand out to kids in your department who may not have been to one of our 35 information sessions held in the fall term. So, that's one of the things you can do.

"The next thing you can do is, particularly if you're doing some kind of academic work that involves you in - I would say non-profit, but I really prefer profit - sector, and you see some leads, you see some places where Cornell students could be doing a job, let us know, give us a contact. That is all you have to do. Give us a name of a person to call. We have the good fortune to have someone in our office who is a 1984 grad who has the sort of interesting title of Job Developer and she was in the program when it first started. She is pretty well sold on it, and what she does as her full-time job is take the contacts that everybody gives us and go call on those potential employers. One of the things we also do to ascertain that we are getting quality jobs is that we visit our employers during the summer and have similar kinds of contacts; for instance, as what is done with the Coop Engineering Program. We call, we look at the work site, we talk to the supervisors to see what kind of work a student is doing, and in one or two cases, we've banned the employer from further participation in the program."

Since there were no questions for Ms. Nisbet, the Speaker announced that there was a quorum for the next item on the agenda, which was to be the approval of three sets of minutes, all 1984 - Sept. 12, October 10 and December 12.

There were no corrections or additions to the minutes, and Speaker Martin pronounced them approved as distributed. He then called on Dean Bugliari for a presentation of the slate of candidates.

4. APPROVAL OF SLATE OF CANDIDATES:

Dean Bugliari: "As you know, we're ready to start the spring elections for next year's FCR and the committees of the FCR, and along with the call to the meeting, you should have received a copy of the slate that Peter Auer and the Nominations Committee put together. Mr. Speaker, I would like to introduce that slate as the proper slate for the election. I would make one correction on the slate and that is Assistant Professor Shelley White-Means, who was a candidate for the Admissions and Financial Aids Committee, has withdrawn her name, so that name will be stricken from the slate."

Speaker Martin asked for further nominations. There being none, the slate was approved as follows:

AT-LARGE MEMBER, FCR - 3 vacancies, 3-year term; 1 vacancy, 2-year term: Raymond T. Fox, Professor, Floriculture and Ornamental Horticulture; Andrew M. Novakovic, Assistant Professor, Agricultural Economics; Robert S. Parker, Assistant Professor, Nutritional Sciences; Leo M. Renaghan, Associate Professor, Hotel Administration; Beate I. E. Ziegert, Assistant Professor, Design and Environmental Analysis.

REVIEW AND PROCEDURES COMMITTEE - 3 vacancies, 3-year term: Robert J. Babcock, Associate Professor, Human Service Studies; George L. Casler, Professor, Agricultural Economics; John S. Harding, Professor, Human Development and Family Studies; Charles C. McCormick, Assistant Professor, Poultry and Avian Sciences; Peter Schwartz, Assistant Professor, Design and Environmental Analysis.

NOMINATIONS AND ELECTIONS COMMITTEE - 3 vacancies, 3-year term: Patricia J. Carden, Professor, Russian Literature; Jennifer L. Gerner, Associate Professor, Consumer Economics and Housing; Tove H. Hammer, Associate Professor, Organizational Behavior; Bernard F. Stanton, Professor, Agricultural Economics.

MEMBERSHIP OF THE UNIVERSITY FACULTY COMMITTEE - 1 vacancy, 3-year term: Hollis N. Erb, Assistant Professor, Preventive Medicine; Robert C. Fay, Professor, Chemistry.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - 1 vacancy, 3-year term: William L. Castleman, Assistant Professor, Veterinary Pathology; Kenneth A. R. Kennedy, Professor, Ecology and Systematics.

ACADEMIC FREEDOM AND RESPONSIBILITY COMMITTEE - 1 non-tenured vacancy, 3-year term: Jennifer C. Greene, Assistant Professor, Human Service Studies; H. Dean Sutphin, Assistant Professor, Education.

ACADEMIC PROGRAMS AND POLICIES COMMITTEE - 1 non-tenured vacancy, 3-year term: Timothy J. Fahey, Assistant Professor, Natural Resources; Ira M. Wasserman, Assistant Professor, Astronomy.

ADMISSIONS AND FINANCIAL AIDS COMMITTEE - 2 vacancies, 3-year term: W. Lambert Brittain, Professor, Human Development and Family Studies; William B. Duke, Professor, Agronomy; James J. Eyster, Professor, Hotel Administration; Sidney Saltzman, Professor, City and Regional Planning.

ADMISSIONS AND FINANCIAL AIDS COMMITTEE - 1 non-tenured vacancy, 3-year term: Edward W. McLaughlin, Assistant Professor, Agricultural Economics; Timothy C. Murray, Assistant Professor, English.

BUDGET COMMITTEE - 1 vacancy, 2-year term: Olan D. Forker, Professor, Agricultural Economics; Walter R. Lynn, Professor, Civil and Environmental Engineering and Director, Program on Science, Technology and Society.

BUDGET COMMITTEE - 1 non-tenured vacancy, 3-year term: Susan Hester, Assistant Professor, Design and Environmental Analysis; David M. Stipanuk, Assistant Professor, Hotel Administration.

FREEDOM OF TEACHING AND LEARNING COMMITTEE - 1 vacancy, 3-year term: Lee C. Lee, Associate Professor, Human Development and Family Studies; Richard E. Ripple, Professor, Educational Psychology.

MINORITY EDUCATION COMMITTEE - 1 vacancy, 3-year term: Vernon M. Briggs, Jr., Professor, I&LR; Zellman Warhaft, Associate Professor, Mechanical and Aerospace Engineering.

MINORITY EDUCATION COMMITTEE - 1 non-tenured vacancy, 3-year term: Roy Alvarez, Assistant Professor, Hotel Administration; Satya P. Mohanty, Assistant Professor, English.

PHYSICAL EDUCATION COMMITTEE - 1 vacancy, 3-year term: Dennis H. Ferguson, Assistant Professor, Hotel Administration; Pascal A. Oltenacu, Associate Professor, Animal Science.

PHYSICAL EDUCATION COMMITTEE - 1 non-tenured vacancy, 3-year term: Paul H. Steen, Assistant Professor, Chemical Engineering; Gordon L. Teskey, Assistant Professor, English.

PROFESSIONAL AND ECONOMIC STATUS OF THE FACULTY COMMITTEE - 1 vacancy, 3-year term: A. Neal Geller, Associate Professor, Hotel Administration; Charles S. Levy, Professor, English; Thor N. Rhodin, Professor, Applied and Engineering Physics.

RESEARCH POLICIES COMMITTEE - 1 vacancy, 3-year term: John E. Coleman, Professor, Classics; Michael A. Collier, Assistant Professor, Clinical Sciences; Gerhard H. Jirka, Associate Professor, Civil and Environmental Engineering.

UNIVERSITY-ROTC RELATIONSHIPS COMMITTEE - 2 vacancies, 3-year term: Richard G. Moore, Associate Professor, Hotel Administration; Rut Schwartz, Professor, Nutritional Sciences; Raymond G. Thorpe, Professor, Chemical Engineering and Director, Division of Unclassified Students.

COUNCIL ON PHYSICAL EDUCATION AND ATHLETICS - 1 vacancy, 3-year term: Harold A. Scheraga, Todd Professor of Chemistry; Robert N. Stern, Associate Professor, Organizational Behavior.

UNIVERSITY ASSEMBLY - 3 vacancies, 2-year term beginning June 1, 1985: Stephen R. Cole, Associate Professor, Theatre Arts; Jason Millman, Professor, Education; Roger A. Morse, Professor, Entomology; Teoman B. Pekoz, Professor, Civil and Environmental Engineering.

5. RESOLUTION ON CONTINUATION OF STUDENT MEMBERS ON COMMITTEES:

The Speaker called on Dean Bugliari, as Chairman of the Review and Procedures Committee, who introduced the following resolution on continuation of student members on committees:

WHEREAS, the FCR adopted a resolution on December 9, 1981 enlarging the Committees on Academic Programs and Policies, Admissions and Financial Aids, Freedom of Teaching and Learning and Physical Education by addition of two student members, and

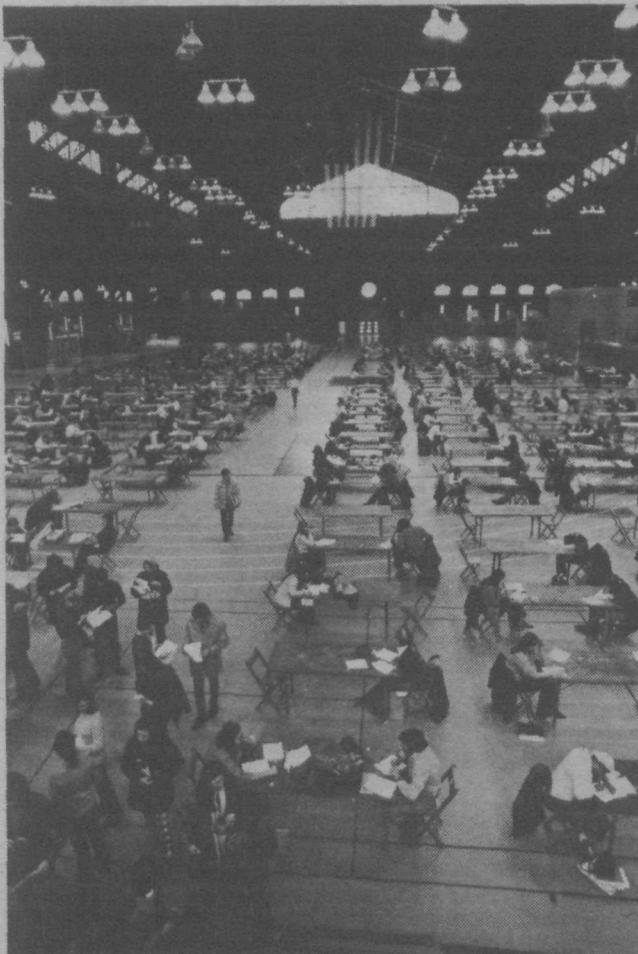
WHEREAS, continuation of student members was contingent upon review in its third year of operation, namely 1984-85, by the Review and Procedures Committee, and

WHEREAS, the Review and Procedures Committee conducted such a review by polling the committees involved for their input, therefore,

BE IT RESOLVED, that the membership of the above-mentioned FCR Committees continue to have two student members (of which at least one shall be an undergraduate, except in the case of the Admissions and Financial Aids Committee which specifies one shall be from the endowed and one from the statutory colleges), with voting privileges, selected annually by the Staffing Committee of the Student Assembly. Re-election of a student for a second year shall be permitted.

Dean Bugliari: "When students were added to the faculty committees noted in the resolution, it was provided that the FCR would have to approve continued membership during the 1984-85 academic year. The Review and Procedures Committee sent a letter to the chairperson of each faculty committee involved and the uniform response favored continued student membership. I would, therefore, urge that we adopt the resolution."

The Speaker called for questions and there being none called for a



vote. The resolution passed without dissent. He then called on Professor Thomas Sokol, Chairman of the Committee on Academic Programs and Policies.

6. RESOLUTION RE: AMENDMENT OF CODE OF ACADEMIC INTEGRITY:

Professor Thomas A. Sokol, Music: "The Committee on Academic Programs and Policies was introduced to the subject of the Code of Academic Integrity in October of 1983 when Dean Bugliari called some apparent deficiencies to our attention. We began to consider the matter more intensively this past academic year and under the Dean's guidance and with the help of a Law School student, Eileen Blackwood, we were presented with a proposed revision of the Code of Academic Integrity. We made our suggestions and received correspondence from twelve members of the academic community. We met again and tried to incorporate their thoughts and reactions into the revision and in February, the ten members of the Committee, including two student members, voted unanimously to approve the revision which you have in your hand. On behalf of the Committee, I present to you this resolution based on the revised Code of Academic Integrity."

WHEREAS, the Code of Academic Integrity adopted by the Faculty Council of Representatives on May 24, 1976 and subsequently amended on March 11, 1981 and May 12, 1982, was found to have minor problems and needed clarification of some provisions, and

WHEREAS, the Committee on Academic Programs and Policies reviewed the necessary changes, evaluated additional comments from members of the community and incorporated those where appropriate,

BE IT RESOLVED, that the FCR adopt the Code of Academic Integrity as proposed.

Speaker Martin: "You are moving adoption of the resolution?"

Professor Sokol: "Yes."

Speaker Martin called for discussion.

Professor Mary Beth Norton, History: "I'd like to hear some discussion of the addition of this new paragraph for the penalties on academic misconduct - I.C.3.a. and b."

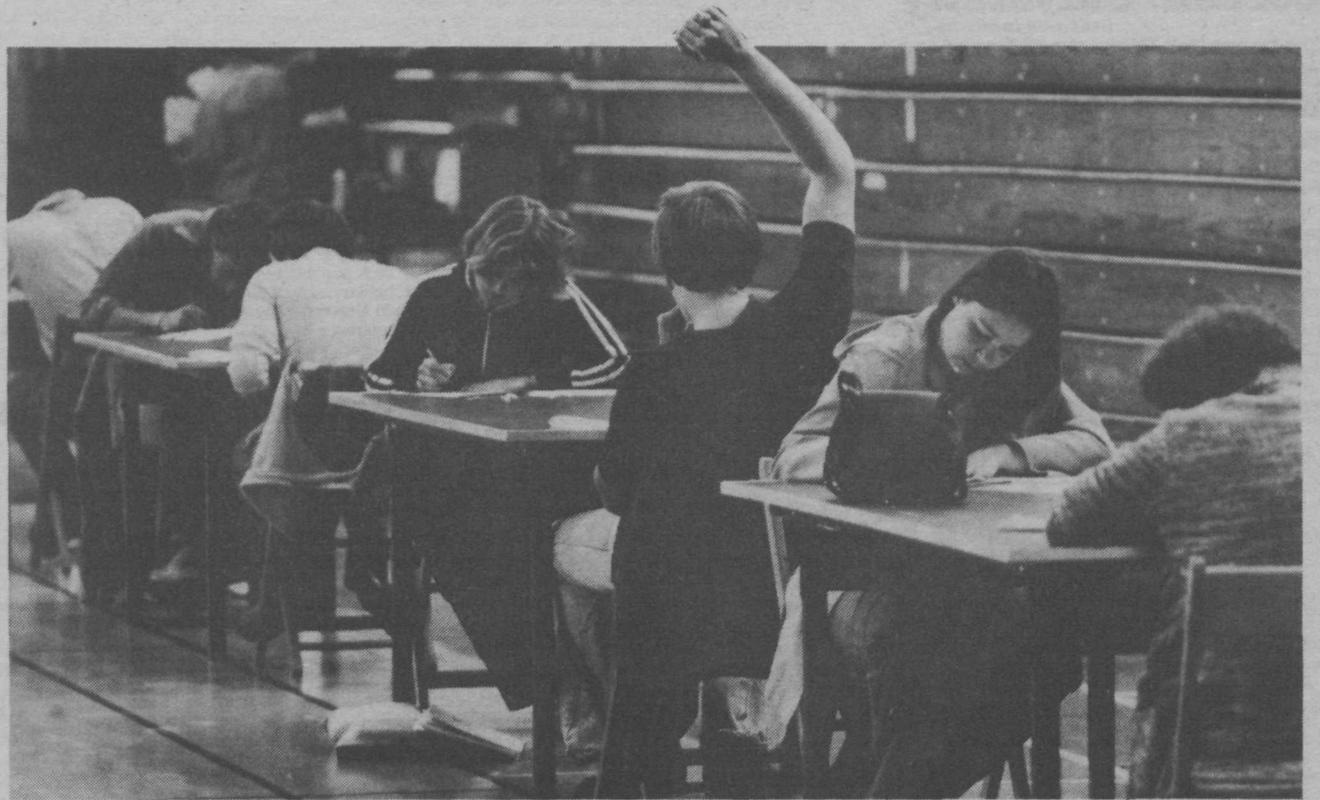
Professor Sokol: "With your permission, I'll refer to our lawyer, Dean Bugliari."

Dean Bugliari: "Let me say this paragraph was meant to cover two situations. The first situation we were confronted with was a number of situations in which something occurred during an examination. For example, two students could be talking. In another case, a student had a book that was open in an exam, but it was not an open-book exam, and yet the instructor felt that to charge a student with an academic integrity violation as opposed to misconduct during an examination or classroom type of situation was inappropriate, because the student would then have a mark on their record for academic integrity. The purpose, therefore, was to say that this would be something of a lesser kind of an offense included within the framework of the Code, but without the stigma of academic integrity attached to it; that carried some penalty; to indicate that the faculty had the right to control the classrooms and the examination sites and to deal with minor infractions in some way. Those are the two reasons why this was included. We at least had a couple of cases where the faculty people felt that they had to do something, and the only thing they felt they could do was to treat it as a violation of academic integrity, but they didn't feel that was appropriate either, if as an example the two students who were talking were discussing what they were going to do after the exam."

Professor Norton: "Why the option of referring such people to the Judicial Administrator for violations of the Campus Code?"

Dean Bugliari: "I think the feeling was that the faculty itself would rather control this than have it taken to the campus judicial system. I'm not even sure it is a violation of the campus judicial system to talk during an exam. I'm not sure that there's anything in the Campus Code of Conduct that would handle it. Personally I don't believe that most faculty members would feel that if two students were talking during an exam and they didn't want to charge them with cheating, that they should have to take them to the Judicial Administrator to deal with the matter under the Campus Code of Conduct. Now, I'll admit, there could be some conduct in a classroom that could also amount to something that would involve the Campus Code of Conduct, but that is not the kind of thing we're typically trying to handle. We had a number of cases reported to us where something occurred and the faculty member felt action should be taken short of charging a student with an academic integrity violation. That's the purpose we had in mind, and we did put in a review process to make sure that the procedure wasn't abused. I, further, have always assumed that this was an inherent power that a member of the faculty had anyway - to do something of this type when something occurred in the classroom or in the examination setting."

Professor John DeWire, Physics: "I am also the University Ombudsman, and it is in that role that I want to say a few words about the same section. We've had considerable discussion about it in our office and as Dean Bugliari knows, we've also done what we could to try to do something about this section, but we've failed, so I am making one last attempt to see if I can get some support. The thing that bothers us about this is the issue of disruptive behavior, and we can't quite understand how one can determine the grade for a course where the student has been disruptive, but we think that's a case that should be dealt with under the Campus Code of Conduct. Let me take an extreme case. Suppose you have a person that is doing brilliantly in a course, but in the middle of an examination, for some reason or another gets up and shouts in a loud voice, 'Divest' or something. I don't think it would be appropriate to give the person a lower grade for doing something like that. That is clearly not a case of his academic behavior for which he or she is supposed to be given the grade. We in the Ombudsman's office hate to see things get mixed up; that's when we get lots of problems. We are not trying to shun our duties, but we feel that the inclusion of such a paragraph is going to bring a lot of very muddled situations to the attention of the hearing board where they really won't be in a comfortable position to deal with, and it should be more properly handled by the Code of Conduct. So, if I were a member of this body, I would move an amendment to strike



that section 3 called Academic Misconduct.”
 Professor Sokol: “I won’t attempt to give the legalistic reaction, but I do know that in our deliberations we were concerned with those other students in that classroom when this disruption would take place, and the manifestation of that action does have a direct affect on their academic work. It is quite difficult for us to evaluate how the grades of those who were not doing the disrupting are affected. I think what you’re suggesting is that this is a ‘conduct’ kind of event that can best be handled by the Ombudsman’s office or a behaviorist rather than by the faculty member in charge of the classroom; we are concerned that there are consequences of that action which in fact are academic and are within the domain of the faculty member, and I’m not quite sure how we would handle that if we, for example, accepted your premise, that this is a behavioral problem rather than an academic one. Dean Bugliari probably has a more direct response but I needed to add that because, as you know, we’ve received an extensive letter from your office, and we’ve carefully pondered each of the presentations that was made, and that was just one of the reactions that was raised in response to your letter. Are there other more direct responses?”

Dean Bugliari: “I think you have said it very well, Tom. I sure don’t have anything to add to that beyond what I said before, namely that this was something that the faculty already had as a prerogative in dealing with actions that take place in the classroom or examination sites. I hope we understand that the faculty member might treat the student who stands up and hollers, ‘Divest’ in the middle of an exam in a different way from the student in a small course who continually interrupts time after time after time in the middle of a presentation. It seems to me that the latter may be something the faculty member has to deal with academically. As for students who talk during exams and who say afterward, ‘but we didn’t pass information,’ the faculty member may believe them, but they have still disturbed other students, and I don’t know how the Campus Code of Conduct would handle that. I hope we can do it judiciously.”

Professor Norton made a motion to amend the Code of Academic Integrity by striking section 3 on pages 2 and 3. The motion was seconded, and the amendment was placed on the floor for discussion.

Professor Norton: “Speaking of the faculty member who has repeatedly used this Code of Academic Integrity on a number of occasions in dealing with students who have submitted plagiarized materials in my courses, I have been a participant in several hearings with the Arts College Academic Integrity Hearing Board. I feel very, very strongly, as all my students know, because I make a major point about academic integrity in my classes. I think that the kind of misconduct in the classroom we’re talking about here does not come under the Academic Integrity Code, but I think if it is to be dealt with outside of some sort of informal mechanism of a professor in a classroom, I think it should be dealt with under the terms of the Campus Code of Conduct rather than through academic integrity.”

“I really feel that it is utterly inappropriate for a faculty member to have the power formally written down to assess a grade penalty for what is defined vaguely as a disruptive behavior in a classroom. I mean, I can see a situation in which a professor simply doesn’t like to have his or her interpretation of material questioned, and a student who insists on questioning that material can get on the wrong side of the professor and be penalized in grade terms for that kind of activity which I think is just utterly inappropriate to be dealt with in a grade sense. I hate to see it written down anywhere in legislation adopted by the FCR that a student can be penalized in terms of a grade for something other than what I would regard as heinous violations of the Code of Academic Integrity like cheating on an exam or like submitting a plagiarized paper. Therefore, I really ask that the body please strike that section.”

Dean Bugliari: “I’d like to make two additional points. Notice there is a review process, so if someone did what Mary Beth suggested, the student first would have to be immediately notified, and this isn’t something you can do at the end of the semester. If you are going to penalize a student for that kind of misconduct, the provision says that the student must be promptly notified. That’s what you are going to do. Secondly, the student can appeal through the Academic Integrity Hearing Board on the grounds that the decision to impose the penalty was arbitrary and capricious or that the penalty itself is excessive. We have changed the wording there so that it now reads ‘excessive or inappropriate to the circumstances involved.’ So, it is not something that can be done arbitrarily or capriciously. But I think if you strike it out, when we’re going to have faculty people who don’t think they can control their classroom. Believe me there are people out there who really are concerned about what kind of control faculty have over the classroom.”

Associate Professor Henry H. Hagedorn, Entomology: “It seems to me that the suggestion that this be under the Campus Code of Conduct rather than the Code of Academic Integrity ought to be discussed a bit more fully. I believe that that would be more appropriate.”

Dean Bugliari: “We don’t control the Campus Code of Conduct. That’s controlled by the University Assembly, not by the Faculty. Academic misconduct is not a violation of the Code of Academic Integrity. It was merely put in here to give guidance to the faculty as to what they could or could not do if they were confronted with this situation. If you strike it, then I’m going to assume that to anyone who comes to me and says: ‘This student did this in my class. Can I do something to them?’ The answer will have to be ‘no’, because that’s what you faculty are telling me if you do that.”

Professor W. Donald Cooke, Chemistry: “I disagree with the Dean’s interpretation. Of course you can do things. You can call the Safety Division, you can call the Judicial Administrator. There are all kinds of things a faculty member can do.”

Dean Bugliari: “Let’s assume there’s a student who talks in class repeatedly. Nothing in the Campus Code of Conduct covers this situation. And for the students who talk during an exam - there is nothing in the Code that covers that, either. We are merely reducing to writing what in actuality has been practice by faculty for many years.”

Professor Hagedorn: “I think the response then should be to ap-

proach the Assembly rather than to be forced into this document which is out of place.”

Professor DeWine: “I was going to say what Professor Cooke said. I wanted to take issue with the Dean; a professor is not helpless, and Don has already said that. I think that the fact that there is nothing stated about this in the Campus Code of Conduct means that there should be a statement there, not in this document. I hate to see us mixing up these aspects of student behavior. I think they should be kept in a very clean line.”

Professor Terrence L. Fine, Electrical Engineering: “I’d like to speak against the amendment because I think what’s happening is that you’re reducing us to nuclear war in the sense that we need to go to the Campus Code of Conduct or we try the student for a violation of academic integrity when the issue itself might be on a much smaller scale. Right now it seems to me there is a fairly large area we may quibble over, as in some of the examples used today; we may quibble over destructive behavior, but then I can also quibble over Professor Norton’s example. I think that in fact there are instances indicated here where you would like a moderate response, where something short of a full academic integrity hearing would suffice. I think the Dean is right. In the past faculty probably have acted somewhat as this describes it. I think that this institutionalizes it. The advantage is that we now have a clear process of appeal. We should have a very mild response available short of a full hearing. I think there’s a lot to be said for that.”

Assistant Professor Timothy C. Murray, English: “I, too, would like to speak on behalf of the amendment. I am very concerned about the wording of this paragraph. It says, ‘A faculty member may impose a grade penalty for any misconduct in the classroom or examination room. Examples of academic misconduct include, but are not limited to...’ It seems to me that the inclusion of this paragraph opens up an amazing can of worms that I could penalize a student for absolutely any kind of misconduct whatsoever with a grade penalty. I mean we’ve all had cases in classrooms especially just before vacations and just after vacations where people are lax or get carried away or they’re obnoxious, and I think it would be entirely inappropriate for us to recommend that those students should be given any kind of penalty much less a grade penalty for spontaneous indiscretions.”

Professor Norton: “I want to speak to a couple of the arguments that have been made in opposition to my position. I always regret to disagree with my friend, Professor Fine, but I find I must. I would like to ask a couple of questions. First of all, if academic misconduct as defined in this document on the top of page 3 is not a violation of academic integrity, what is it doing in the Code of Academic Integrity? Two, if it is not a violation of academic integrity why is there an appeal to the Academic Integrity Hearing Board? I think it belongs in the Campus Code of Conduct, and I certainly disagree with Professor Fine that the notion that somehow a grade penalty imposed by a faculty member is a moderate penalty. I regard a grade penalty as very serious and do not impose it on students lightly. I do so only in two circumstances: one is if the material is late with absolutely no excuse whatsoever; and two, if in fact the material has been plagiarized, in which case I flunk the student in the course. Now, I don’t think that that is a moderate penalty. I don’t like to see faculty members having the ability to impose grade penalties on students for matters that have absolutely nothing to do with the academic performance of that student in the course, and that’s what this provision says.”

Professor James W. Gillett, Natural Resources: “I had Ray Brewster as an organic professor and on a spring afternoon, often the students would fall asleep. One student snored in class three times and his grades were the same as the rest of us in the top part of that class. He got a B. It was considered just by both the students and the faculty that Brewster imposed that penalty for him snoring in class three times. Now, I’m not sure where it fits into all of this. What role does the professor have in maintaining the class in terms of standards? A hot spring day is a tough time to keep awake.”

Speaker Martin: “Students back there please note.”

Associate Professor Andrew Ramage, History of Art: “I’m in favor

of keeping it in, in general. Some of the arguments that have been brought forward indicate extreme cases, but I think that this provision is mostly for the minor middle ground where one does not wish to go the whole process of hearings, re-hearings, appeals, etc. Part of the attraction of this is that the threat is powerful, and the action is immediate rather than three weeks away from when anybody was talking or taking their clothes off or something like that. Now, I can cite an event that happened to me, a mixed example, which is interesting I think in this case. I was worried about what I needed to do, and if this provision had been here I would have known how to handle it. I would have felt justified and done this in terms of reducing the grade by a half a point or a point, where a student gave me a paper and he included with it an illustration that he’d torn out of a book from the Cornell library. So, we have here a mixed situation where the student had stolen a page from the library. It hasn’t left the campus, and he’d given it to me for a paper, and he’s reduced the opportunity of other students. So, what should I do? In fact, I referred it to the librarian, but I would have liked to have reduced his grade by a plus or a minus. I would like, however, to add my understanding that this could get out of hand, and I think that having an appeals provision settles that business.”

Professor Sokol: “One thing that came to my mind that I must at least mention. I don’t think we really wanted to deal with the matter of conduct outside the classroom and thus we have used the term ‘academic misconduct’. By that I interpret it to mean that the action takes place within the confines of the classroom during a class or examination situation. Therefore, the definition I think makes it distinct from misconduct as a social wrong. And I would assume that the faculty would be reluctant to pass on even to the Ombudsman’s office matters which do concern what goes on in the classroom. While I can understand some of the things you’re saying, I don’t quickly see the alternative. I would be reluctant really to call the Ombudsman in on a matter that took place within my classroom.”

Dean Bugliari: “I’d like to respond to two issues that Mary Beth raised. First the reason that we put it in the Code here is that that’s the document we were dealing with. And the reason that we provided for the appeal to the Hearing Board is that we did feel that in fact it could be abused, and to prevent the abuse, we put in a mechanism to provide a review process. In the process of going through and talking to everybody who has ever served on any and every hearing board on the campus we could find, the feeling was that this was a problem and that we had to deal with it. So we put this provision in to cover what some people have said was a crack, a situation that fell somewhere in-between. That was the purpose of its inclusion. But we did feel that if we included it we had to have an appeal mechanism and had to make it a prompt decision and not something that somebody did six months later or three months later.”

Professor Wesley W. Gunkel, Agricultural Engineering: “I think at this point we’re probably shedding more heat than light on the subject, and I call the question.”

Professor Martin: “The question has been moved and seconded which will mean that we close our debate on the amendment.”

The question was passed and the body voted on the amendment (part C, number 3 a. and b.) The amendment was declared defeated and a standing vote was requested.

Speaker Martin proclaimed the defeat of the amendment by a vote of 18 to 17. He then announced that the original resolution was on the floor for further discussion.

Professor Murray: “I would like to speak against the current resolution because I don’t feel that Section 3C, a. and b. should be adopted, so I would argue against the resolution and at least for the time being stay with the present system.”

There was no further discussion on the resolution, and it was voted on and passed.

There being no further business, the meeting was adjourned at 5:37 p.m.

Respectfully submitted,
 Francine A. Herman, Secretary

Number 18

Please Post

May 9, 1985

Cornell University

University Personnel Services

Day Hall

Ithaca, New York 14853

607/255-5226

Please Note:

Job Opportunities is a publication of Staffing Services and is distributed each Thursday through the Cornell Chronicle.

Job Opportunities lists current vacancies within the University, consistent with the University's commitment to promotion from within, affirmative action, and equal opportunity employment.

Applications for employment are available at Cornell University's employment office at East Hill Plaza at the intersection of Ellis Hollow Road and Judd Falls Road in Ithaca, from 9:00 a.m. to 12:00 noon, Monday through Friday. Applications can be submitted through the mail to University Personnel Services, Staffing Services, 160 Day Hall, Ithaca.

N.Y. 14853. For more information on jobs listed, contact Staffing Services (607) 255-5226.

Employee Transfer Applications: Employees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit them to Staffing Services. Individuals with official University layoff status will be given preference in referrals.

This listing is also available on CUINFO

Cornell University's computerized information service. For further CUINFO details, contact the Information and Referral Center at 255-6200 or Computer Services.

New vacancies are listed for two weeks in Job Opportunities.

*Asterisks identify jobs that were not listed last week.

Full-time jobs are 39 hours per week unless otherwise indicated. Jobs listed as SO, U1 and U2 are represented by bargaining units.

Requirements: Associate's degree in graphic design, fine arts or related field or equivalent combination of education and experience. Considerable experience in design, illustration, layout, typography, and graphic arts production. Ability to estimate cost of materials and supporting vendor services needed in exhibit fabrication, shipment, and display. Knowledge of computer-driven X-Y plotter for producing computer-generated typography and graphics desirable.

Minimum Starting Salary: \$13,625
Job Number: PS173

Position: Counselor-Therapist I
Department: University Health Services

Description: Professional expertise required in working with a university population as a short-term therapist. Crisis intervention, community consultation, campus outreach, emergency coverage, group work and couple therapy will comprise the majority of duties so that skills commensurate with such services are crucial. One academic year appointment.

Requirements: Master's degree in social work. Internship and 1 - 2 years experience in comparable setting desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA1510

Position: Assistant Director of Program & Development, Willard Straight Hall
Department: Unions & Activities

Description: Develop and coordinate program and services. Advise WSH Program Board, its committees and assigned program groups and functions. Plan and coordinate volunteer and staff training for 150 (including volunteer board and committee members, student staff, support staff and professional staff). Develop and coordinate marketing, promotional and public information programs and services. Budget and supervisory management of several operational areas including University Audio Visual Services, the Browning Library, Graphic Design Services and others. Develop and supervise submission of grant proposals. Coordinate program and student evaluations and assessments.

Requirements: Bachelor's degree required. Advanced degree and/or significant experience in student and community development preferred. Three years experience in a related field. Experience with program development and advisement, group development and training and grant proposal writing. Please send cover letter and resume to Ralph D. Jones by May 17.

Job Number: PA161

Position: Project Coordinator II
Department: Maintenance & Service Operations

Description: Serve as a liaison between University departments and M&SO on building maintenance matters. Identify building operating problems and project scope. Schedule and coordinate maintenance and rehabilitation projects; inspect construction. Approve maintenance work for payments.

Requirements: Associate's degree in engineering or construction technology is required. Bachelor's degree in engineering, architecture or business administration preferred. Strong technical background in buildings needed, with a minimum of 5 years of experience in construction or maintenance management. Demonstrated strong oral and written communication skills required. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA162

Position: Technical Advisor
Department: Theory Center

Description: Reporting directly to the Manager of Experimental Systems and Networks, provide direction and supervise the upgrade and expansion of a high speed network, and supervise development of software for experimental supercomputers.

Requirements: Bachelor's degree or equivalent with completion of related computer science coursework. Considerable experience in large scale computer systems software, programming experience and techniques. Extensive knowledge of UNIX and VMICMS. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT1210

Position: Technical Specialist II
Department: Theory Center

Description: Work directly with supercomputer users to assist in solving problems in the theoretical sciences using unique resources of massively parallel systems. Provide direction to research process including definition of problem and objectives, outlining and testing of procedures and techniques.

Requirements: Bachelor's degree or equivalent with graduate study in computer science, one of the physical or biological sciences, or engineering. 5 - 7 years experience including 1 - 2 years analysis

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries shown are for recruitment purposes only.

***Position: Development Officer**

Department: Johnson Graduate School of Management

Description: Plan, develop and implement annual fund drive to obtain support from private sources. Plan publications and financial reports. Coordinate School's drive with University Development Office.

Requirements: Bachelor's degree required; Master's degree preferred. Five years fund-raising experience required. Good knowledge of computing and knowledge of Cornell desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA159

***Position: Design Engineer**

Department: Buildings & Properties, Geneva (Off-Campus)

Description: Responsible for supervising and implementing the design, preparation of plans, layouts, specifications, budget estimates for construction, renovation and installation of complex systems and equipment in the physical plant and research facilities.

Requirements: Bachelor's degree in mechanical engineering or equivalent combination of education and experience required. Three to five years actual experience in design and implementation of mechanical systems and equipment in physical plant facilities is required. Computer experience is preferred. Please send cover letter and resume to Ralph D. Jones by May 23, 1985.

Job Number: PA183

***Position: Technical Consultant III**

Department: Theory Center

Description: Coordinate educational and training activities to aid researchers using Cornell's Production Supercomputer Facility. Plan workshops to be held both on campus and nationally. Prepare documentation and instructional materials for supercomputer users.

Requirements: Bachelor's degree or equivalent combination of education and experience. Master's degree or equivalent preferred. Three to five years related experience. Strong written and oral communications skills and demonstrated teaching ability. Mainframe computing experience, preferably on Cornell's IBM mainframe systems. Ability to work closely with scientific researchers. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT185

***Position: Administrative Manager I**

Department: Cooperative Extension, New York City (Off Campus)

Description: Responsible for fiscal management of New York City programs of Cornell Cooperative Extension. Plan, analyze and monitor program budgets; prepare financial statements and reports; review and audit vouchers and requisitions; interpret federal, state and University policies for staff.

Requirements: Bachelor's degree in accounting or business with concentration in accounting. Three years accounting experience in business, public agency or an educational institution. Fund and grant accounting experience desirable. Famil-

ilarity with computerized accounting systems. Evidence of a continuing education in accounting-related subjects (courses, seminars, professional affiliations, etc.) Please send cover letter and resume to Ralph D. Jones.

Job Number: PA184

***Position: Systems Programmer—Analyst III**

Department: Theory Center

Description: Under general supervision, be responsible for system analysis, design, programming and documentation for a large variety of projects. Will be the major source of software support and technical leadership for both users and other Theory Center Staff.

Requirements: Bachelor's degree or equivalent combination of education and experience. Master's degree or equivalent preferred. Three to five years experience. Strong technical and communications skills. Wide range of programming experience utilizing many languages. Considerable knowledge of the internal operations of operating systems, especially MVS. CCS operations or operating systems experience preferred. Excellent writing skills. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT186

***Position: Research Support Specialist II**

Department: Animal Science

Description: Supervise and operate the ultrasound lab and ultrasonic equipment including several part-time employees. Develop new ultrasonic evaluation techniques, collection, interpretation and computer analysis of data. One year appointment pending renewal of funds.

Requirements: Master's degree or equivalent in animal science or meat science with experience in carcass evaluation or Ph.D. in animal science or meat science. Experience should include slaughter, carcass grading and fabrication, proximal analysis and sensory evaluation of meat. Computer analysis of data and manuscript preparation experience is desired. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT188

***Position: Research Support Specialist I**

Department: CISER

Description: Provide support to the CISER Survey Research Facility. Primary responsibility is to assist in the management of operations for survey research projects including direction and coordination of interviewers, coders, data entry and clerical personnel.

Requirements: Bachelor's degree in social sciences. Demonstrated ability and experience in project management, experience in social research, knowledge of survey research methods, basic knowledge of quantitative methods and statistical analysis, and knowledge or willingness to learn microcomputer applications in project management and survey research. Please send cover letter and resume to Cynthia Smithbower by May 24, 1985.

Minimum Starting Salary: \$15,000

Job Number: PT182

***Position: Assistant Ice Hockey Coach**

Department: Physical Education & Athletics

Description: Assist the Head Coach in the operation of the men's intercollegiate ice hockey program. Responsibilities include coaching, recruiting prospective student athletes, conditioning, and other administrative duties as assigned.

Requirements: Bachelor's degree or equivalent in related field. Previous successful coaching experience

at interscholastic, intercollegiate, professional or international level. Please send cover letter and resume to Ralph D. Jones.

Minimum Starting Salary: \$13,625

Job Number: PA181

Position: Associate Director of Admissions
Department: University Admissions Office

Description: Interpret market research findings, formulate recruitment strategies, and coordinate and implement University recruitment activities in important student market areas in the Northeastern and Southeastern United States. Prepare statistical reports and analyses, supervise junior staff in the region, recruit and develop alumni volunteers, expand and develop the University's on-campus recruitment activities (hosting) program, administer recruitment budget.

Requirements: Bachelor's degree required with some graduate course work preferred. Five years of experience in progressively responsible positions in undergraduate admissions are required. Candidates should have experience with a quantitative, market research based approach to planning recruitment activities. Some supervising experience required. Excellent public speaking and writing abilities. Well developed organizational and interpersonal skills. Familiarity with computer and word processing applications is highly desirable. Please send cover letter and resume to Ralph D. Jones by May 23, 1985.

Job Number: PA175

Position: Student Development Specialist IV
Department: NYSSILR - School Relations

Description: The NYSSILR is seeking an experienced career counselor to serve as the director of its Career Services. Design, implement, and administer a career planning and placement program for students and alumni and administer the academic internship program. Travel is required.

Requirements: Master's degree in counseling, higher education administration or relevant field or equivalent combination of education and experience. Two years experience in career counseling, placement activities. Competence in career counseling, program planning, administration and exceptional oral and written communication skills. Please send cover letter and resume to Ralph D. Jones by May 24, 1985.

Job Number: PA172

Position: Photo Specialist II

Department: Plant Pathology

Description: Provide chemical and electronic photography services to a large academic department. Duties include studio photography of biological specimens, produce photographic prints and slides, copy photographs, prepare print slides for seminars, prepare illustrations for publications, provide photographic advice to members of the department, and other related duties.

Requirements: Bachelor's degree or equivalent combination of education and experience in biological or plant sciences. Experience with chemical and electronic techniques of color and black and white photography necessary.

Minimum Starting Salary: \$13,625

Job Number: PS174

Position: Visual Specialist I

Department: Media Services

Description: Conceive, design, and fabricate exhibit and display materials for local, statewide, and national use by faculty, staff, and other members of the university.

design, implementation and—or maintenance of a major interactive computer system. Experience with parallel systems desirable. Fluency in at least two programming languages; commitment to UNIX. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT129

Position: Technical Specialist I
Department: Theory Center

Description: Work directly with supercomputer users to assist in solving problems in the theoretical sciences using unique resources of massively parallel systems. Work with scientist in algorithm development; develop methodology for utilizing parallel systems.

Requirements: Bachelor's degree or equivalent. 3-5 years experience. Sound knowledge of operating systems and programming. Experience with parallel systems desirable. Fluency in at least two programming languages; commitment to UNIX. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT128

Position: Senior Systems Programmer
Department: Theory Center

Description: Provide, under general supervision, highly specialized systems support to an advanced graphics program. Develop highly specialized and complex large scale operating systems, software and hardware. Design and oversee engineering modifications on extension to such operating systems to meet organizational goals for computer usage. Responsible for overall system efficiency. Oversee development of scientific work stations.

Requirements: Bachelor's degree or equivalent with related computer courses. 3-5 years experience. Knowledge of UNIX, microcomputers and graphics hardware devices. Ability to program in FORTRAN, C, PASCAL, and Assembler. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT124

Position: Systems Programmer III
Department: Theory Center

Description: Participate, under general supervision, in major upgrade and expansion of high speed network connecting superminicomputers and scientific workstations to a production supercomputer facility as well as experimental systems. Participate in development of software for prototype systems.

Requirements: Bachelor's degree or equivalent. 3-5 years minimum experience. Considerable basic knowledge of operating systems, programming, procedures and techniques. Operating systems, e.g. 4.2 UNIX; TCP-IP Protocols. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT123

Position: Applications Programmer III
Department: Theory Center

Description: Design and implement, under general supervision, complex applications software for high speed network and experimental systems.

Requirements: Bachelor's degree or equivalent desired. 3-5 years experience. Considerable basic knowledge of major programming languages, particularly C—UNIX. Considerable experience with applications programming. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT125

Position: Systems Programmer II
Department: Theory Center

Description: Assist, under general supervision, in upgrade and expansion of high speed network and in development of software for prototype systems.

Requirements: Bachelor's degree desired. 2-3 years minimum experience. Basic experience with operating systems, programming, procedures, and techniques. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT122

Position: Applications Programmer II
Department: Theory Center

Description: Assist, under general supervision, in design, development modification, maintenance and documentation of straight forward applications software in support of a major high speed network and experimental systems.

Requirements: Bachelor's degree desired. 2-3 years experience. Basic experience with applications programming. Knowledge of C—UNIX and at least one other major programming language. Familiarity with VAX, IBM 2081, mini—microcomputers, and network communications. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT126

Position: Systems Programmer II (Repost)
Department: Materials Science Center (MSC)

Description: Assist manager in the support of a multi-user computer facility for the physical scientists in MSC. Develop and maintain system software for PRIMOS and UNIX co-operating system for the Prime, and for network connections to laboratory minicomputers. Aid in software problem diagnosis for system and user software. Provide consultation support to users of the facility. Supervise daily operation of the facility.

Requirements: Bachelor's degree in computer science or physical sciences. Programming experience in FORTRAN and some high level structured language. Experience working with multi-user computer systems. Some knowledge of operating systems is useful. Good interpersonal and organizational skills required. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT065

Position: Research—Planning Associate II (Repost)
Department: Institutional Planning and Analysis

Description: Coordinate data collection, analysis and reporting of University employees for decision making, affirmative action, comparisons with other institutions; develop management indicators and supporting base data; assist in support of University planning process; provide project support as necessary.

Requirements: Master's degree or equivalent experience. Familiarity with personnel information systems, affirmative action reporting requirements, systems analysis—data base management helpful. Good communication skills necessary. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT4910

Position: Research Support Specialist (Repost)
Department: Food Science

Description: Provide technical support in research on physical properties of proteins. Will involve determination of processing and chemical factors affecting surface area and flavor absorption, in addition to protein association, viscosity, gelation and surface activity. Help maintain laboratory instrumentation and coordinate purchasing and instrument use. Assist in supervision of lab operations.

Requirements: Bachelor's degree preferred. Knowledge of physical chemistry of proteins. Experience in physical testing of biological—food materials as well as coordinating and maintaining a research laboratory. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$16,000
Job Number: PT102

Position: Student Development Specialist III
Department: Division of Student Services Admissions, College of Human Ecology

Description: Coordinate and execute recruitment and selection programs; travel to high schools and to community colleges; advise student ambassadors; develop and execute publications, videotapes and hosting efforts; assist with general administration and interface with alumni, guidance counselors and selection committee.

Requirements: Master's degree or equivalent in counseling, student personnel or related field. Admissions office experience required; counseling, publication and videotape development experience preferred; excellent interpersonal and communication skills essential. Please send cover letter and resume by May 2, 1985 to Ralph D. Jones.

Job Number: PA156

Position: Research Support Specialist I
Department: Neurobiology and Behavior

Description: Provide technical support involving data collection, perform experiments, library research and prepare publications. Will also participate in field work, sometimes away from Ithaca. Some routine lab duties.

Requirements: Bachelor's degree in entomology or a related field preferred. Two to three years experience involving library work and field experimentation. Must own car. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT144

Position: Student Development Specialist III
Department: Career Center

Description: Oversee the activities of a part-time placement office located in College of Architecture, Art and Planning. Coordinator reports to Director of Career Center. Provide advice—counseling to students regarding job hunting; sponsor career—placement programs (i.e., resume, portfolio); foster communication with employers pertaining to on-campus recruiting and job development. Serve as liaison with faculty and college administrators; supervise student assistants. Four days per week, 8:00 to 4:30 (negotiable), 9-month.

Requirements: Master's degree required. Experience in or knowledge of architecture, art or plan-

ning required. Excellent organizational, interpersonal, and writing skills; experience in career planning and placement desirable. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA145

Position: Student Development Specialist I
Department: Career Center

Description: Serve as Coordinator of Career Library responsible for overseeing activities of the Career Center library. Assist students in using library resources; review publications; process and maintain all resources in cooperation with the Information Specialist. Coordinate the program calendar of events; publish a nationally acclaimed annotated bibliography (biannual); offer job search workshops.

Requirements: Bachelor's degree required; advanced degree preferred. Excellent organizational, interpersonal and writing skills; extensive interaction with students. Previous library experience helpful, but not required. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA146

Position: Computer Systems Administrator
Department: School of Hotel Administration

Description: Reporting to the Director of Business and Administration, will develop, modify and maintain computer operations for the School and Statler Inn. Responsibilities include project development and implementation in addition to supervision of one programmer.

Requirements: Bachelor's degree in computer science or related field. At least three years relevant experience including project management and systems analysis. Must have working knowledge of COBOL. Familiarity with the WANG VS system desirable. Knowledge of the Cornell accounting system helpful. Familiarity with file management, report utilities, data base—telecommunications and word processing concepts preferred. Prior experience in a hotel environment preferred. Send cover letter and resume to Cynthia Smithbower.

Job Number: PT132

Position: Applications Programmer—Analyst III
Department: University Registrar

Description: Direct, organize, schedule and supervise a computer programming staff of 3-5. Analyze system requirements and prepare programming specifications for programming projects conducted by this staff.

Requirements: Bachelor's degree with computer-related courses. 3-7 years of experience in application design and development, preferably in an interactive environment. Familiarity with IBM or WANG VS equipment preferred. Please send cover letter and resume to Cynthia Smithbower.

Minimum Starting Salary: \$20,000
Job Number: PT134

Position: Technical Consultant
Department: Residence Life

Description: Coordinate management systems in Residence Life, a \$16 million enterprise responsible for on campus housing for 7,000 students. Design plans for current and future systems (hardware and software) development. Train Residence Life staff in use of mainframe and microcomputers.

Requirements: Bachelor's degree with related computer courses. Proven knowledge and experience in management systems, both microcomputer and mainframe based required. Experience with ADABAS—NATURAL and microcomputer software is extremely helpful. Ability to work independently and collaborate with non-technically oriented users. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT117

Clerical

All applicants interested in positions requiring typing must take an official University test. Tests are given on Monday and Wednesday at 8:00 A.M. in Room 337, Statler Hall. Please contact Staffing Services for an appointment.

*Position: Administrative Aide, GR21
Department: Africana Studies & Research Center

Description: Provide administrative and secretarial support to the Director of AS&RC. Type correspondence; assist with budget; supervise and train clerical staff as needed; handle special projects as assigned.

Requirements: Associate's degree or equivalent in education, experience and training. Medium typing. At least two to four years administrative or secretarial experience. Excellent organizational, interpersonal and communication skills. Knowledge of accounting, budgeting, word processor or

computer helpful. Supervisory experience desirable.

Minimum Starting Salary: \$12,469
Job Number: C1810

*Position: Research Aide, GR20
Department: Section of Neurobiology & Behavior

Description: Provide administrative support to Professor and research group. Conduct literature searches; assist in preparation of research grants; prepare reports; type and proofread scientific papers; serve as liaison with on- and off-campus contacts in setting up meetings, workshops, lectures; coordinates travel; handle daily correspondence; maintain files; order supplies; handle special projects as needed.

Requirements: Associate's degree or equivalent. Course work in biology (entomology, animal behavior or botany) highly desirable. At least three years of secretarial experience. Word processing experience required (TRS-80 or IBM-PC preferred). Must be highly organized and have excellent communications skills. Experience with literature searches highly desirable.

Minimum Starting Salary: \$11,739
Job Number: C1811

*Position: Secretary, GR20
Department: Unions & Activities, Robert Purcell Union

Description: Provide secretarial support for Director and two Assistant Directors, student volunteers and employees. Type correspondence, etc.; coordinate and schedule appointments, travel, meetings; maintain calendars; responsible for North Campus Union room reservations; handle special projects as assigned.

Requirements: Associate's degree or equivalent. Heavy typing. Secretarial experience required. Shorthand preferred. Good written communication (grammar) skills essential. An ability to work in a dynamic atmosphere. Related word processing or IBM PC-XT experience preferred.

Minimum Starting Salary: \$11,739
Job Number: C1812

*Position: Secretary, GR19
Department: Career Center

Description: Provide assistance for the Credential Service and Health Careers Evaluation Committee. Type; xerox; file; handle mail; maintain statistical records. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Familiarity with office equipment (xerox, postage meter, etc.). Excellent organizational skills and ability to work independently are essential. Accuracy, attention to detail and confidentiality are extremely important.

Minimum Starting Salary: \$11,125
Job Number: C184

*Position: Secretary, GR18
Department: Operations Research and Industrial Engineering

Description: Provide secretarial and receptionist support for department. Type correspondence, reports, and classwork including mathematical material on IBM PC; answer telephones; perform routine accounting functions. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. At least one to two years previous secretarial experience. Familiarity with bookkeeping helpful. Willingness to learn IBM computer. Excellent interpersonal skills. Ability to handle multiple duties efficiently and—or work with many interruptions.

Minimum Starting Salary: \$10,500
Job Number: C183

*Position: Secretary, GR18
Department: Electrical Engineering

Description: Provide secretarial support for the School of Electrical Engineering including advanced technical typing; word processing using the UNIX operating system of the VAX 780 computer; organize and coordinate appointments, travel schedules, telephone communications and files. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Heavy typing. At least one to two years office and word processing experience. Knowledge of technical typing desirable. Excellent organizational, interpersonal and communications skills.

Minimum Starting Salary: \$10,500
Job Number: C181

*Position: Office Assistant, GR16
Department: Public Affairs Records

Description: Provide clerical and receptionist support for the Office Manager. Type; file; answer telephone for gift records area (approx-

Job Opportunities

mately 16 people); handle mail for the gift records area; provide gift information from individuals donors records; order office supplies. Other clerical duties as assigned.

Requirements: High school diploma or equivalent. Light typing. Some office experience. Good telephone technique. Strong interpersonal and organizational skills. Ability to work independently, handle large volume of work and a variety of duties.

Minimum Starting Salary: \$9,494
Job Number: C188

Position: Administrative Aide, GR23
Department: Theatre Arts

Description: Market and promote Theatre Cornell. Develop audience base for theatre productions; initiate and implement publicity campaigns; research, write and edit promotional pieces (brochures, programs, newsletter, releases); maintain mailing lists; supervise box office operations and front of house staff.

Requirements: Associate's degree or equivalent. Bachelor's degree in an arts or arts-business field or equivalent desirable. Performing arts management (non-profit). Good journalism and promotional writing skills. Knowledge of graphic arts. Experience with box office operations and accounting systems. Ability to work independently. Please send cover letter and resume to Esther L. Smith by May 20, 1985.

Minimum Starting Salary: \$13,928
Job Number: C175

Position: Editorial Assistant, GR21
Department: CRSR

Description: Primary responsibility as editorial assistant for monthly journal, ICARUS, the major scientific publication in planetary studies. Provide clerical support to one faculty member. Scientific typing; answer telephone; some bookkeeping; arrange travel.

Requirements: Associate's degree or equivalent. Medium typing. Excellent command of English, style and grammar. Ability to keep excellent records. Some knowledge of astronomy and mechanics of journal production would be helpful. Please send cover letter and resume to Esther L. Smith by May 17, 1985.

Minimum Starting Salary: \$12,469
Job Number: C161

Position: Secretary, GR20

Department: Laboratory of Nuclear Studies
Description: Provide secretarial support for several physics researchers. Type technical manuscripts; answer telephone; make travel arrangements. Other clerical duties as assigned.

Requirements: Associate's degree or equivalent. Heavy typing. Extensive secretarial experience; strong organizational, interpersonal and communication skills. Knowledge of and/or willingness to learn scientific word processing using a computer (TROFF) essential.

Minimum Starting Salary: \$11,739
Job Number: C1715

Position: Secretary, GR19

Department: Modern Languages and Linguistics

Description: Provide secretarial support to FALCON program and special Japanese summer program. Type correspondence for three faculty; assist in preparation of reports and classroom materials; process applications; assist in organizing workshops; process expenditures; arrange travel; supervise work-study office assistant.

Requirements: Associate's degree or equivalent. At least one to three years secretarial experience. Medium typing. Excellent interpersonal and organizational skills. Ability to work under pressure. Shorthand desirable. Knowledge of word processors helpful.

Minimum Starting Salary: \$11,125
Job Number: C172

Position: Accounts Assistant, GR19

Department: Residence Life
Description: Manage the security deposit account; provide coordination and billing for residence hall telephone during summer; input housing assignment data into computer; type; answer telephones and inquiries. Other duties as assigned.

Requirements: High school diploma or equivalent with strong math skills. Additional training in accounting and computers highly desirable. Medium typing. Strong communications and interpersonal skills. Organizational ability and accuracy extremely important. Ability to work in an environment with several distractions occurring simultaneously.

Minimum Starting Salary: \$11,125
Job Number: C177

Position: Circulation Secretary, GR18

Department: Philosophy

Description: Maintain computerized circulation records for 3200 subscribers of The Philosophical Review. Record checks and organize them for deposit; record new expiration dates, new subscribers and subscriber address changes; write to subscribers regarding queries and problems; plan circulation procedures related to a quarterly scholarly journal; proofreading.

Requirements: High school diploma or equivalent. Associate's degree or equivalent desirable. Light typing. Familiarity with publishing process. Publication-circulation experience. Strong organizational skills and attention to detail essential. Familiarity with philosophical symbols helpful. Word processing skills for IBM PC XT desired, train if necessary. Excellent proofreading skills. Please send cover letter and resume to Esther L. Smith by May 13, 1985.

Minimum Starting Salary: \$10,500
Job Number: C1713

Position: Secretary, GR18

Department: Center for International Studies—Peace Studies

Description: Provide secretarial-clerical support to the Peace Studies Program. Maintain and monitor department accounts; prepare vouchers, monthly statements, deposit slips and travel reimbursements; type book length manuscripts, and articles for three professors and two visitors.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Knowledge of Cornell Accounting procedures and word processing equipment. At least one to two years office experience. Excellent organizational and interpersonal skills.

Minimum Starting Salary: \$10,500
Job Number: C174

Position: Office Assistant, GR18

Department: Statler Inn

Description: Provide receptionist-clerical support for purchasing agent and personnel office. Answer all telephones and inquiries; maintain files and records; type letters, correspondence, etc.; handle mail; maintain calendars; other clerical duties as assigned. Full-time, regular, Monday - Friday 8:00 - 4:40 (some weekends).

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. At least two years secretarial experience. Excellent interpersonal and organizational skills. Knowledge of word processors.

Minimum Starting Salary: \$10,500
Job Number: C178

Position: Secretary, GR18

Department: University Relations—News Service

Description: Type (using Xerox 860 word processing system); maintain files; answer telephones and refer calls; process mail; operate photocopier; use mail and mimeograph equipment.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Associate's degree or equivalent years of experience necessary. Heavy typing. At least one to three years experience working knowledge of word processing equipment (Xerox 860) preferred; excellent knowledge of spelling, grammar, and punctuation. Must be able to type accurately under pressure and respond to deadlines.

Minimum Starting Salary: \$10,500
Job Number: C176

Position: Office Assistant, GR17

Department: Endowed Accounting

Description: Serve as Controller's Office Receptionist at East Hill Plaza. Answer telephone console and refer calls; greet visitors and direct to appropriate area; sort mail; process deposit tickets; type; other clerical duties as assigned.

Requirements: High school diploma or equivalent. Medium typing. Previous receptionist experience. Some accounting or bookkeeping experience. Good interpersonal and communications skills.

Minimum Starting Salary: \$9,967
Job Number: C179

Position: Secretary, GR16

Department: Animal Science

Description: Receptionist; answer telephones; place outgoing calls; type; xerox; check and prepare processed barn sheets for filming; pull AM—Calf—MCPPR edits. Other clerical duties as assigned. Monday - Thursday 7:00 a.m. - 3:30 p.m., Friday 7:00 a.m. - 2:30 p.m.

Requirements: High school diploma or equivalent. Medium typing. Some clerical experience. Excellent organizational and interpersonal skills.

Minimum Starting Salary: \$9,494
Job Number: C1712

Position: Circulation—Reserve Supervisor, GR20 (Repost)

Department: Veterinary Library

Description: Coordinate the daily operation of the Circulation—Reserve Desk and perform various circulation functions. Searches missing items; bills fines and replacements; maintains the reserve collection and stacks; staff the Circulation—Reserve Desk and answers directional and informational questions; trains and oversees 12 student assistants; coordinates non-ILL photocopy service.

Requirements: Bachelor's degree or equivalent experience and/or training. Light typing. Strong public service orientation essential. Previous library experience highly desirable. Ability to accurately perform and organize detailed work. Strong communication and interpersonal skills.

Minimum Starting Salary: \$11,739
Job Number: C4913

Position: Senior Special Collections Assistant, GR20 (Repost)

Department: History of Science - Olin Library

Description: Catalog rare books using existing catalog copy; catalog special rare books such as manuscripts and graphics; provide specialized information service; supervise reading room and circulation; make decisions about binding and preservation; search bibliographic records; maintain departmental catalogs; other special projects as appropriate.

Requirements: Bachelor's degree or equivalent in the humanities and/or the sciences. Excellent reading knowledge of French; reading knowledge of Latin desirable. Ability to work independently and to interact effectively with graduate students, faculty and visiting scholars required. Initiative and a willingness to perform complex tasks in which sensitivity to detail and accuracy is necessary. Appreciation of the nature and significance of rare books. Ability to provide information service for collection users in their research needs.

Minimum Starting Salary: \$11,739
Job Number: C024

General Service

*Position: Trades Assistant, U100

Department: Maintenance & Service Operations

Description: Assist Union Tradesperson; pick up and deliver supplies at job site. Load and unload material and equipment. Return material and supplies to Tool Crib or Inventory Clerk. Act as Union Tendor at job site. Keep shop areas clean. Operate small equipment. Must join union.

Requirements: One to two years unskilled construction experience desirable. NYS driver's license required. Working knowledge of tools used in types of construction. Ability to perform strenuous physical labor in all environments. Alert, cautious and customer-oriented. Must lift 80-100 lbs., pre-employment physical required.

Job Number: S186

*Position: Shift & Maintenance Mechanic, SO23

Department: Maintenance & Service Operations

Description: Maintain and trouble shoot steam, hot water and glycol heating systems. Work on ventilation and air conditioning systems. Electrical and other mechanical systems as applied to industrial, educational, research and commercial buildings.

Requirements: High school diploma or equivalent. Considerable experience in building trades as described above. Must be in good health, able to work swing shift, able to climb and work from ladders and be able to read blue prints. NYS driver's license required.

Minimum Starting Salary: \$6.61—hour
Job Number: S187

*Position: Gardener, SO22 (Two positions)

Department: Grounds Department

Description: Perform skilled landscape maintenance and landscape construction tasks on campus grounds; provide field support; provide formal training, classes and working leadership for a crew of groundsworkers and seasonal employees.

Requirements: Associate's degree or equivalent in ornamental horticulture, landscape management or related field. NYS Pesticide Applicator's License desired and required within six months of employment; valid driver's license. Minimum of two years in grounds maintenance, landscape construction, contracting or skilled horticulturally-related work. Supervisory experience preferred. Ability to lift 100 lbs. Must be flexible as to hours and shift changes and available for snow emergencies. Pre-employment physical required.

Minimum Starting Salary: \$6.20—hour
Job Number: S188, S189

*Position: Groundswoker, SO18 (Two Positions)

Department: Grounds

Description: Perform general landscape maintenance and construction tasks on campus grounds. Operate motorized turf tractors, mowers, snow plows and trucks. May be assigned to other grounds workers and seasonal help.

Requirements: High school diploma or equivalent. Valid driver's license. Knowledge of landscape maintenance skills and techniques; courses in ornamental horticulture, agronomy, arboriculture are desirable. Excellent physical condition. Field experience in landscape maintenance, landscape contracting and construction, grounds equipment operation, application of pesticides and equipment repair desirable. Must be able to lift 100 lbs., must be flexible as to hours and shift changes and be available for snow emergencies. Pre-employment physical required.

Minimum Starting Salary: \$4.98—hour
Job Number: S181, S182

*Position: Custodian, SO16

Department: Statler Inn (Endowed)

Description: Working in the Linen Room operation. Includes sorting, storing and issuing clean linen and uniforms, record keeping, general cleaning and telephone work. Cleaning of guest rooms when necessary. 5:30 p.m. - 2:00 a.m., five days per week, includes weekends.

Requirements: High school education desired; ability to read, write and perform accurate record keeping.

Minimum Starting Salary: \$4.47—hour
Job Number: S1810

*Position: Sales Assistant, GR15

Department: Campus Store

Description: Operate computerized cash register, wait on customers, stock assigned area. Assist in routine pricing and/or ordering of merchandise, handle charge purchases and/or customer services. May handle other routine assignments under direct supervision.

Requirements: High school diploma or equivalent. 0 to 6 months clothing sales experience preferred. Ability to operate or willingness to learn to operate a computerized cash register. Good communication and interpersonal skills.

Minimum Starting Salary: \$9,041
Job Number: S184

*Position: Sales Assistant, GR15

Department: Campus Store - Trade Books

Description: Route books from the traffic department, tag and shelve. Assist in answering telephone, wait on customers. Keep sales floor clean and neat. Light typing and filing and various office duties as assigned. Update book data on CRT.

Requirements: High school diploma or equivalent. 0 to 6 months sales experience, preferably in a retail book store. Ability to operate or willingness to learn to operate a computerized cash register and CRT. Good communication and interpersonal skills.

Minimum Starting Salary: \$9,041
Job Number: S183

Technical

Applications for Technical positions should include the following information:

- Scientific/technical courses completed
- Lab techniques and/or equipment (knowledge of)
- Special skills (e.g. knowledge of computer language)

*Position: Technician, GR24

Department: Vegetable Crops

Description: Provide technical support to project leader involved with a variety of research projects. Oversee and coordinate the general implementation of a field and greenhouse plantings for breeding projects involving onions, cucumbers, melons and squash. Conduct tests of disease resistance, record data, assist in writing technical reports and correspondence with seed companies. Develop and implement computerized programs.

Requirements: Bachelor's degree or equivalent in agricultural science with background in plant breeding or plant pathology and variety evaluation. Must have NYS certification for commercial pesticide use. Some background in growing vegetables. Computer experience desirable.

Minimum Starting Salary: \$14,779
Job Number: T182

*Position: Research Assistant

Department: Boyce Thompson Institute - Contact Department Directly (See Below)

Description: Protein isolation and enzymology. Routine lab maintenance and ordering of supplies. Willingness to use radioisotopes necessary.

Requirements: Bachelor's degree plus laboratory experience. Training in plant sciences or microbiology useful.

Minimum Starting Salary: \$11,200
Contact: Dr. T. LaRue, Boyce Thompson Institute, 257-2030

Position: Accelerator Operator, GR24

Department: Lab of Nuclear Studies
Description: Perform skilled work in the operation of a computer-controlled accelerator system and on special projects related to maintaining and improving components of the system. Rotating shift work.

Requirements: Associate's degree in electronics or comparable training through similar relevant courses or programs, or a Bachelor's degree in physics. Some experience in a electronics or physics laboratory with mechanical skills preferred. Apply by May 17, 1985.

Minimum Starting Salary: \$14,779
Job Number: T171

Position: Research Assistant

Department: Boyce Thompson Institute
Description: Carry out studies in cell wall biochemistry and physiology, especially enzymatic degradation of plant tissues and cell walls. Assist in maintenance of fungal and plant protoplast cultures.

Requirements: Bachelor's degree or better in plant sciences or biochemistry. Familiarity with spectrophotometric and chromatographic techniques desirable. Knowledge of plant pathology and/or enzymology helpful. Send cover letter and resume to Dr. Harry Mussell, Boyce Thompson Institute, 257-2030.

Minimum Starting Salary: \$11,200
Job Number: T173

Position: CHESS Operator, GR24

Department: CHESS (Applied and Engineering Physics)

Description: Provide technical assistance to users of six experimental beam lines at the Cornell High Energy Synchrotron Source. Responsible for the development and maintenance of x-ray instruments, both hardware and software. Supervise the enforcement of various safety codes. May assist in experimental programs. Some evening and weekend hours.

Requirements: Bachelor's degree in the physical sciences or equivalent experience. Good mechanical and lab skills.

Minimum Starting Salary: \$14,779
Job Number: T169

Part-time

*Position: Teaching Support Specialist II

Department: Western Societies Program

Description: Supervise the planning and implementation of instruction directly sponsored by the Western Societies Program and taught within regular academic departments. Includes supervision of Teaching Assistants, co-ordination of course logistics and field work components. Serve as undergraduate student advisor for European Studies students; assist students studying and interning abroad. 20 hours per week, one academic year appointment.

Requirements: Bachelor's degree with background in Western Europe (history, government, language) required. Graduate degree preferred but not required. Work experience at Cornell required. Fluency in at least one modern European language helpful. Please send cover letter and resume to Ralph D. Jones by May 31, 1985.

Job Number: PA187

*Position: Administrative Aide, GR19

Department: Career Center

Description: Provide administrative and secretarial support to the Associate Director of Health Careers. Arrange meetings; organize special programs; interact with students and faculty; type; maintain records; answer telephone; Other duties as assigned. Monday - Friday, 25 hours per week.

Requirements: At least one to three years experience. Heavy typing. Attention to detail. Dictaphone required. Strong interpersonal and organi-

zational skills essential. Accuracy and confidentiality are essential.

Minimum Starting Salary: \$11,125—annual equivalent

Job Number: C186

*Position: Custodian, SO16

Department: Statler Inn (Endowed)

Description: Responsible for cleaning and servicing guest rooms, re-stocking floor carts and maintaining accurate records for linen control. Days and hours vary depending on hotel occupancy.

Requirements: High school diploma or equivalent desired. One year custodial experience, preferably cleaning hotel—motel guest rooms.

Minimum Starting Salary: \$4.47—hour
Job Number: S1811

Position: Administrative Aide, GR20

Department: Agricultural Engineering

Description: Provide administrative—secretarial support to the Environmental Quality—Renewable Energy Group. Type classwork, correspondence, manuscripts, etc; proofread and edit proposals and progress reports; answer telephone; assist with budget; handle mail. Other duties as assigned. Monday -Friday, 20 - 30 hours per week.

Requirements: Associate's degree in secretarial science or equivalent. Heavy typing. At least three to five years experience. Excellent grammar, punctuation, editing and communication skills. Machine transcription experience. High speed—accurate typing.

Minimum Starting Salary: \$11,739—annual equivalent

Job Number: C1714

Position: Secretary, GR18

Department: NYC Extension Associate, (Off Campus)

Description: Provide clerical—receptionist support to EFNEP program. Type reports, letters, memos and educational materials; answer telephone inquiries; assist staff in scheduling and making arrangements for meetings and conferences; maintain and process petty cash, vouchers and travel requests; maintain an accounting of

funds expended and multiple files. 22.5 hours per week—flexible until April 1986.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. At least one year secretarial experience. Excellent organizational and interpersonal skills.

Minimum Starting Salary: \$10,500—annual equivalent

Job Number: C171

Temporary

TEMPORARY OPPORTUNITIES: Cornell University has an ongoing need for qualified individuals willing to work on a temporary basis. We frequently need individuals to work as word processor operators, secretaries, typists, receptionists, office assistants, account clerks and data entry clerks. Requirements for these positions range from medium to heavy typing, some office—secretarial experience and knowledge of word processing equipment. If you have an interest in working on a temporary basis in the clerical area, please contact Tambi Benzon at 256-5226 ext. 266; in the general service area, please contact Sharon Warunek at 273-1179. Temporary opportunities in the technical field are posted here, and applications are made with a general application, cover letter and resume.

Academic

Please contact department directly.

*Position: Post-Doctoral Teaching Position
Department: Section of Neurobiology and Behavior, Introductory Biology
Contact: Dr. Jon Glase, 256-3007, 310 Roberts Hall
Job Number: A183

*Position: Senior Extension Associate, CA8
Department: Extension and Public Service, NYSSILR, New York City Office
Contact: Dr. Donald Kane, Director of Management Programs, NYSSILR - Extension Division
Job Number: A184

The Week in Sports

Only Baseball and Crew Still Have Action in Spring Sports Schedule

The 1984-85 Cornell sports season is winding down, as just two squads have home action remaining on the schedule. The baseball team has nine games left this spring, with two doubleheaders scheduled for Hoy Field during the next week. Meanwhile, the heavyweight crew will compete against Pennsylvania in the annual Madeira Regatta on the Cayuga Lake Inlet May 25.

The baseball team continues its Mayor's Cup Series with Ithaca College on Tuesday, playing a doubleheader with the Bombers on Hoy Field. After that twinbill, the Big Red will finish out the season by playing two home games against New York Tech on May 18.

The Cornell baseball team wrapped up its Eastern Intercollegiate League schedule on a

strong note this past Sunday, sweeping Dartmouth by scores of 5-4 and 4-3.

Cornell will be looking for revenge against powerful Ithaca College Tuesday, as the Big Red lost two games to IC on April 24, 4-1 and 10-4. This will be the first meeting ever between the Big Red and New York Tech.

The heavyweight crew is preparing for the Eastern sprints, which will be held this weekend in Worcester, Mass. The heavyweights are seeded sixth in the competition and will row against No. 1-ranked Harvard and Yale in their first round heat. The top two finishers in that competition will move on to the

championship. The Red has a 3-3 record this spring, including two very tough losses to Navy and Yale. The lightweight crew will also compete at the Eastern Sprints this weekend and the varsity has an excellent shot at winning its first Sprint title since 1967. The Red, which finished the regular season with a 6-1 record (its best mark since 1979), is seeded second in the competition.

The heavyweights' race with Pennsylvania will serve as their final tuneup for the IRA championships, which will be held in Syracuse from May 30-June 1. Last year, the Big Red lost to the Quakers, 6:10.0-6:19.7.

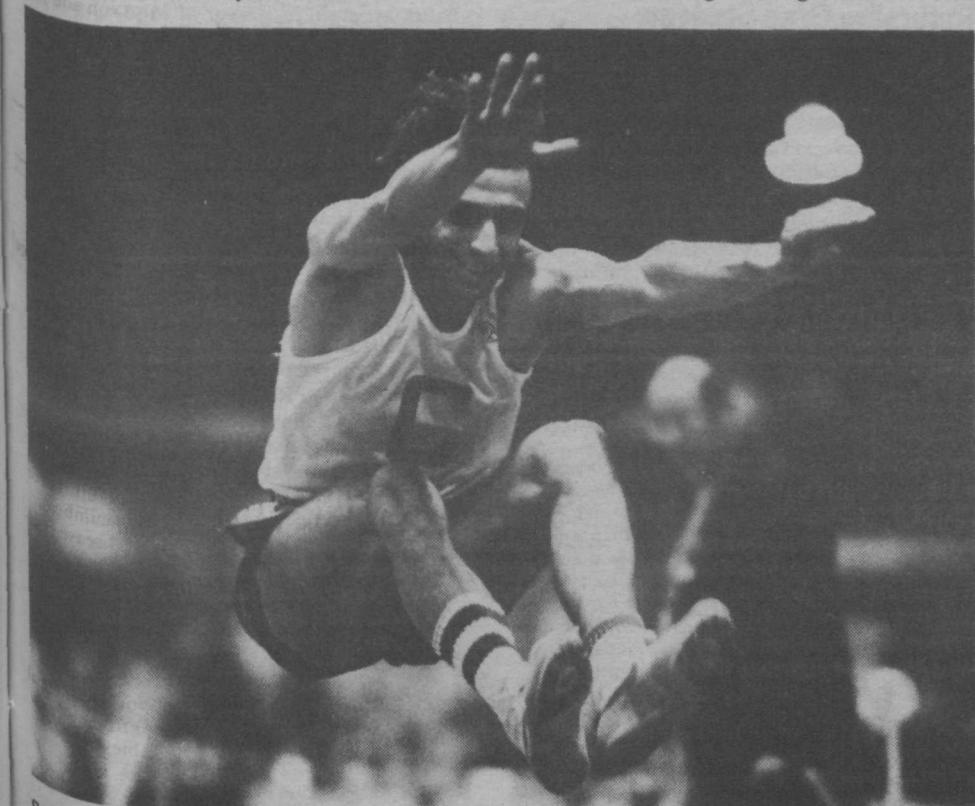
Track: Truly a Banner Season

In compiling an 8-0 dual meet record during the outdoor season, the Big Red men's track team set a school record for most victories in a campaign. If there was any previous doubt that this year's squad ranks among the finest in Cornell history, there is no doubt now. This past weekend, the Red captured its sixth Heptagonal outdoor championship in the 50 years that the meet has been held. Cornell won its first Heps title since 1978 with 112 points, outdistancing Dartmouth (99) and Yale (83).

It was truly a team effort for the squad, as the Big Red had people score points in all areas. Cornell was particularly strong in the jumps. Senior Chris Chrysostomou led the way by winning the long jump championship with a leap of 26-2. The effort was also good enough to break the team record of 25-9 3/4, set by Meredith Gourdine in 1951. Chrysostomou finished second behind Big Red sophomore Darren Roach in the triple jump, as Roach won the championship with a jump of 50-11 1/2. The Big Red also won the high jump, thanks to the 6-11 effort by junior Tim Tribble. Two other Cornellians also

placed in that event; freshman Steve Kuntz was fourth and senior Mike Franz was sixth.

The sprint events have always been a strong area for Cornell, as that was the case again this past weekend. Senior Charles Fleming had an outstanding meet, placing in three events. Fleming finished second in the 100-meter dash (10.88), took third in the 200 (21.53) and combined with Gregg Hofstetter, Mike Crawley and Todd Pressley to win the 400-meter relay. Fleming led a group of three Big Red performers who scored in the 100: Hofstetter was third in 11.16 and Lem placed fourth in 11.19. Junior Grant Whitney headed up the group of distance runners. He was successful in a tough double effort, coming in third in both the 5,000 meters (14:05.87) and the 10,000 (29:42.0). Other place-winners for the squad were freshman John Bayne, who took third in the 400 meters (47.61); and sophomore Steve Case, who finished sixth in the 11--meter high hurdles (15.44).



Senior Chris Chrysostomou won the Heptagonal long jump championship at Harvard this past weekend, setting a school record with a leap of 26-2.

Brief Reports

Housing for Summer Available in Capital

The Cornell Center in Washington, D.C., will have housing available for Cornell students from June 1 through Aug. 15.

Applications and information are available from Eve Schwartz at the Cornell-in-Washington Program office in 125 McGraw Hall.

Right-to-Know Conference Attracts 22 Schools

Representatives of colleges and universities in five states and the District of Columbia attended an April 25 conference on compliance with toxic substance "right-to-know" laws sponsored by Cornell's Office of Environmental Health.

Topics included answering right-to-know information requests; training programs developed for Cornell's laboratory, office and service and maintenance workers; specially developed audio-visual training materials; and a review of experiences at other colleges and universities.

"We were pleased with the response to our conference, and feel it provided for a valuable exchange of ideas," said Robin Goodloe, training coordinator for the university. "We discussed the responsibilities of employers under the right-to-know law and shared our experience in complying with the legislation.

The Cornell right-to-know program was the first New York institution of higher education to receive full approval of the state attorney general. New York's right-to-know law was among the earliest and most strict in the country.

Savoyards Need Director For Spring 1986 Production

The Cornell Savoyards are currently seeking persons who would be interested in serving as either musical or dramatic director for their spring 1986 show.

Persons interested or wanting more information should call 257-1350 or 256-7098 before May 11.

Richard Lewis to Perform Saturday Night at WSH

"An Evening with Richard Lewis" is scheduled for two performances at 8 and 10:30 p.m. Saturday, May 11, in Ivy Room of Willard Straight Hall.

Lewis, who has been on the "Tonight" show and the David Letterman Show, will be sponsored here by the University Unions Program Board.

Tickets are on sale at \$4.50 in advance from the WSH ticket office and will sell for \$5 at the door. For more information contact Richard Logan at 524 WSH or call 256-7132.

Juniors May Compete For \$8,000 Grants

Members of the Cornell class of 1986 are eligible to compete for \$8,000 grants from the Management Information Systems Department of Morgan Stanley and Co., a national leader in the securities industry.

Terry H. Ebert, manager of management information systems at Morgan Stanley, said the grant program was established "to recognize the efforts of the various universities at which we have successfully recruited, and to recognize achievements of successful undergraduates."

Two grants of \$8,000 each will be awarded this fall to "exceptional undergraduates"

competing from 10 universities, according to Linda P. Kabelac, director of donor relations in Cornell's Office of University Development. Recipients are free to use the grants as they wish, she said.

Candidates must have a grade point average of at least 3.8, a combined SAT score of at least 1,500, and must submit an eight-to-ten-page research paper on the application to the securities industry of some area of study to which the student has been exposed, Kabelac said.

Complete details on the competition are available from Kabelac at the Development Office, 726 University Avenue, 256-7150. The application deadline is June 28.

Annual Steam Shutdown Will Be June 4 to 6

The annual campus-wide steam shutdown, scheduled so that essential maintenance work can be done on the steam distribution system and repairs made at the Central Heating Plant, is scheduled this year from 5 a.m. June 4 to 5 p.m. June 6.

Individuals or departments for whom this might cause problems should contact the Maintenance and Service Operations Customer Service Center at 256-5322.

Cornell Birders to Scour N.J. Fields and Shores

Calling their team the Sapsuckers, a team of Cornell ornithologists will compete against those of other states to identify the greatest number of bird species in 24 hours on Saturday, May 18, in New Jersey's Biggest Day '85.

"Last year's laid-back approach is being replaced by an all-out birding assault, which we've been preparing for weeks," according to Rick Bonney, associate editor of The Living Bird quarterly and leader of the six member team. In 1984 a Cornell team with Bonney and three others found 168 species in the Garden State, but lost the out-of-staters' Stearn Award to a Massachusetts team.

Other members of the Cornell Sapsuckers, who take their name from the wildlife preserve where the Laboratory of Ornithology is located, are Steve Sibley, Andy Dasinger, Cricket Smith, Greg Butcher and Charlie Smith.

Pledges are being accepted to support the team's biggest day effort, as well as the research and education programs of the laboratory. For more information call 256-5056.

Dominican Republic Officials Visit ILR

Two government officials from the Dominican Republic recently completed an extensive tour of the New York State School of Industrial and Labor Relations at Cornell. Nelson Grullon, secretary of labor in the Dominican Republic, and Jose Torres, in charge of programs for women and minors in that country's department of labor, were here for two days.

During their visit, the delegation met with university officials and observed classes in the ILR school, including the mock bargaining negotiations that are a part of the collective bargaining course taught by David Lipsky, professor of industrial and labor relations.

Impetus for the visit came as the result of the work carried out last fall in the Dominican Republic by two ILR seniors, Antonio Martinez and Vincent Suppa.

Chrysler Corp.'s Campana Will Lecture Here Today

Joseph Campana, a vice president of the Chrysler Corp. and considered a major force in the auto firm's comeback, will give a free public lecture here today.

Campana will discuss "Dynamic Marketing at Chrysler" at 4:30 p.m. in the ballroom of Stätler Hall at the School of Hotel Administration.

Campana, vice president of marketing, will "reveal the story of the role of marketing in the biggest rescue in U.S. business history." From near bankruptcy, Chrysler has risen to the ninth largest profit maker in the nation in just five years, according to Forbes magazine.

He is speaking as a guest of the hotel school's course in marketing communications strategy taught by William H. Kaven, professor of economics and marketing.

Stanford Editor Here For Research Panel

Robert Beyers, former editor of the Cornell Daily Sun and now director of News Services at Stanford University, will be on campus Friday, May 10, at the invitation of the advisory panel on publicity for research at Cornell.

Members of the campus community are welcome to attend a meeting with Beyers at 3:30 p.m. in Kaufmann Auditorium of Goldwin Smith Hall.

Garden Plots Distributed At MVR This Saturday

Cornell garden plots will be distributed beginning at 10 a.m. Saturday in the auditorium of Martha Van Rensselaer Hall.

Those who signed up in advance should have received an envelope with the appropriate information. Those who have not signed up in advance should go to the MVR Auditorium at 1 p.m. Saturday, when leftover plots will be distributed.

Land for the plots has been donated by the State College of Agriculture and Life Sciences.

Returning Grad Students Needed for Orientations

The Dean of Students office is recruiting graduate students who will be returning in the fall to serve as volunteer advisers and assistants for Graduate Student Orientation in the fall.

Graduate students who volunteer will start their activity Friday, Aug. 23, with a training meeting and lunch, and will end it Sunday, Sept. 1, when the orientation program is complete.

On the average, volunteers devote 10 to 15 hours to the program. Interested students, both academic and professional, American or international, may call 256-4221 or stop by 103 Barnes Hall for more information or an application.

Telecommunications Work To Produce New Trenches

Telecommunications workers will be installing units in several central campus buildings during this week and next.

Trenches will be dug between Uris Hall and Statler and Barton Halls this week, with minor inconvenience to building users.

The second week a trench will be dug from Ives Hall to Statler Hall, from there to the Academic II building, then to Lynah and

SAGE CHAPEL

'God, Our Mother' Is Topic Of Sermon

Gail V. Riina will speak at Sage Chapel at 11 a.m. Sunday, May 12. Her sermon topic will be "God, Our Mother."

Riina is the assistant director of Cornell United Religious Work (CURW). A native of New York, she came to Cornell from George Washington University where she served for eight years as co-chaplain of the Newman Foundation (Catholic community).

She has also been working on an Ed.D. degree in Counseling and Human Development at George Washington University. Riina received a B.A. degree in Psychology, with honors, from Gettysburg College in Pennsylvania in 1973 and a Master of Divinity degree from Yale University Divinity School in 1976. While at Yale, she participated in the Clinical Pastoral Education program at Yale New Haven Hospital.

Music for the service will be provided by the Sage Chapel Choir under the direction of Stephen May, Acting University Organist and Choirmaster.

Teagle Halls, to Grumman Hall and then to Schoellkopf House.

No traffic interruptions are expected.

For further information, call the Traffic Bureau at 256-4628.

Symposium Will Cover Recent Dairy Research

A symposium to improve interdepartmental communication of results of current dairy research at the university will be held from 8:30 a.m. to 4:30 p.m. Monday, May 13, in 124 Stocking Hall.

The sessions are open to all Cornell faculty, staff and students. Subjects to be covered include milk composition, genetic selection systems, status of both raw milk and fluid milk quality, processing and distribution, competition in markets, the production potential of bovine growth hormone and its projected economic impact.

For more information, contact David Barbano, assistant professor of food science, at 256-5482.

Plantations Sponsors Fort Lee Wildflower Day

Cornell Plantations is one of the sponsors of The Day of the Wildflowers, a workshop on wildflower research and cultivation, on Thursday, May 23, at the Fort Lee (N.J.) Historic Park.

Robert E. Cook, director of Cornell Plantations, will speak on "What We Need to Know Through Research" in the day-long program, which is also sponsored by the National Wildflower Research Center, the Horticultural Society of New York and the Palisades Interstate Park Commission.

Other participants include former first lady Lady Bird Johnson and actress Helen Hayes, who will speak on wildflower planting.

Networking

A Cornell Newsletter Published by Employees for Employees

Dorothy Carroll Is Dedicated Service Award Winner for the Month of May

by her friends

We would like to introduce you to Dorothy Carroll. Dorothy started with Cornell in November of 1963, working in the Radiation Safety Office in Sage Manor off Seneca Street. In September of the following year, she transferred to the Department of Residence Life at Hughes Hall. She stayed at Hughes for ten years before moving up the hill to Sage Hall, where she is today.

Dorothy's sparkle and wit enrich all who have contact with her: students, staff and faculty alike. She shows her caring through her constant concern for the well-being and success of others. She gives to others without reserve and with only the most sincere motivation.

Dorothy has become the unofficial "second mother" to many of the 196 graduate and international students in Sage Hall.

Even after they graduate, many keep in touch with her, often corresponding from overseas. She shows her support for "her kids" by attending as many student functions as possible.

You can find her enjoying the festivities at the yearly student holiday party or dancing the night away to the beat of the Beach Boys in February at the "Beach Party." Her favorite night with the students, and one that she eagerly awaits, is the annual "Rude Men of Sage Awards." This is an honorary organization of graduate students (men and women) who dedicate themselves to enlivening the residence hall with lighthearted fun and frivolity.

Each year they "roast" residents, staff, and administration for distinguishing themselves in memorable ways in the residence hall community. This year Dorothy was se-

lected to receive the honor of being only the second non-student to be inducted into the "Rude Men of Sage." I am sure that this award will find a place of honor in her home. Her home is loaded with much of the memorabilia collected from her "kids" at Sage.

When Dorothy is not working hard at Sage, or attending student functions, you can find her camping at Willowood Camp Ground or bowling in the Residence Life bowling league. No matter what she does, she does it with gusto and love for life. She is energetic and dedicated individual who enjoys working at her job and makes it a pleasure to be associated with her.

If you want a lift, and want to meet some truly unique individual, stop by Sage and say hello...you'll be glad you did.



Dorothy Carroll



Oct. 5 Date Picked for Employee Day

The 1985 Employee Day committee has selected Oct. 5 for the 11th annual event for the Cornell community. Barton Hall is reserved from 4 - 6 p.m. for the barbecue fol-

lowing the Cornell vs. Lafayette football game. **Networking** will publish further details about Employee Day as they become available.



BENEFAIR

May 21, 22, 23
10 a.m. - 4 p.m. West Lounge Statler

The enthusiastic response from employees who attended Benefair last year has prompted University Personnel Services, in cooperation with the Statutory Finance and Business Office, to sponsor Benefair '85.

Faculty and staff are encouraged to drop by the West Lounge of the Statler any time between 10:00 a.m. and 4:00 p.m. on May 21, 22 or 23 to pick up pamphlets, booklets, and other informational materials and talk with benefits experts. Both University and provider representatives will be stationed at booths to answer specific questions about each of the University's benefit programs.

This year Select Benefits, a new Cornell benefits program which will go into effect on July 1, 1985, will be featured.

Representatives from the Cornell Federal Credit Union, Gannett Clinic, Department of Public Safety, Cornell Recreation Club, and the Social Security Administration Office will be available to talk with employees. The Tompkins County Health Department Blood Pressure Clinic will provide blood pressure screenings and will distribute information regarding good health care practices.

Benefair is a unique opportunity for Cornell employees to learn more about the benefits available to them, review their current coverages, make benefits changes, and enroll in certain plans. Time spent at Benefair can be considered time worked, as described in Policy 408, "Release Time from Work," in the Personnel Manual.

All staff and faculty are encouraged to come to the Fair. For additional information contact University Personnel Services at 256-7508.

RETIREMENT RECEPTION

Retirement reception for Eunice (Pat) Paddio-Johnson on Thursday, May 18, 4:00-6:00 p.m. at Johnson Museum. RSVP by calling 256-3111, 256-7555 or 256-7749.

Careers

Presents

'Roadblocks'

Cornell Careers presents "Roadblocks" by Jim McPherson on Friday, May 17 from 12:15 - 1:15 in Uris 202. Sponsored by University Personnel Services, the program will help participants identify and discuss factors that could be a "roadblock" to professional development.

Official Poetry Contest Guidelines Are Established

Here they are, the "Official" Poetry Contest rules and guidelines:

(1) Each entry is limited to a maximum of three poems not to exceed 3-5 pages total. Five copies are required for each poem entered; one with your name, four copies without. All poems should be submitted to Linda English, NAIC, Research Park, 61 Brown Road.

(2) The deadline for submission is Friday, July 5, 1985. Judging will take place in July and the winners will be announced in early August. The judges for this year's contest are David McCann, director, Foundation Relations, Development Office; Mary Gilliland, Lecturer, Writing Workshop; Peg Landau, Employee Relations Specialist, Personnel Services.

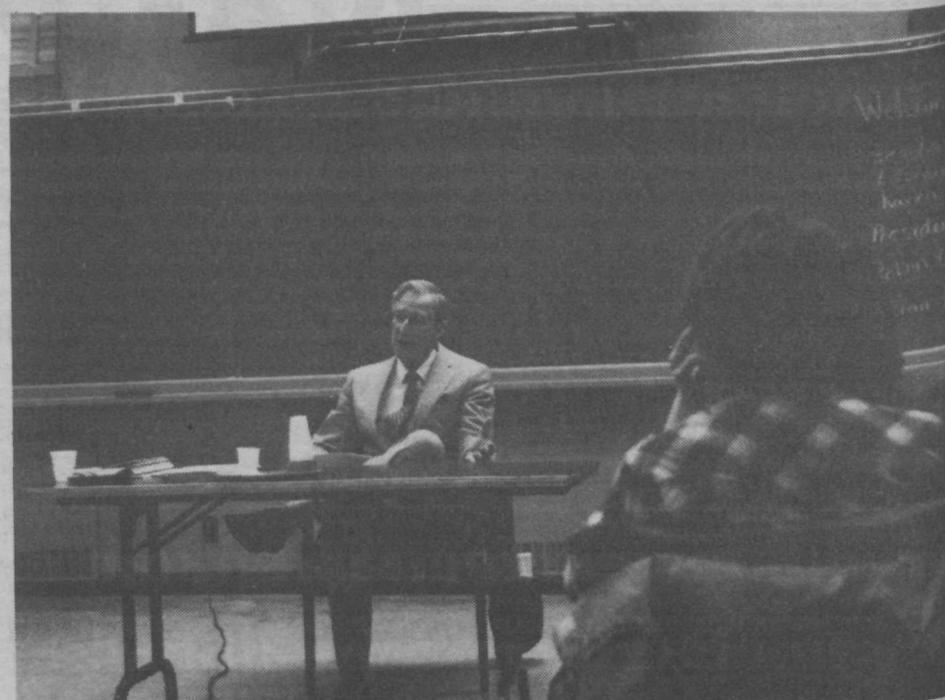
(3) Eligibility: The contest is open to any member of the Cornell community who has not had a book of poems published.

(4) Poems will not be categorized.

(5) A booklet of all poems entered (with the permission of the writer) will be published.

Prizes will be given out to three winners. Last year's prizes included a \$25 gift certificate from campus store, Cornell Theater tickets and dinner for two at Dining's Cross Country Gourmet series.

If you have any questions, suggestions or ideas, please contact Linda English, 6-5274. Watch for further updates in future issues of NETWORKING.



President Rhodes greets new employees at a recent orientation.

A Celebration of Herbs Planned at Plantations

Does spring have you wondering how fresh gathered herbs such as opal basil, parsley or mint would enhance your culinary creations? Or perhaps this is the year you've decided you must have an herb garden but you don't know where or how to begin.

Plan to attend 'A Celebration of Herbs' on the afternoon of Saturday, May 11, at Cornell Plantations, One Plantation Road, where you can obtain answers to your questions. You'll also have the opportunity to talk with Audrey O'Connor and Mary Hirshfeld, co-authors of *An Herb Garden Companion*, published to explicate the Robison York State Herb Garden at Cornell Plantations, which is the site of the event.

'Planning a Kitchen Garden' will be the topic of the 1:00 lecture by Evelyn Clemens. A member of the local Auraca Herbalists, she will suggest varieties of culinary herbs to plant, their particular merits, and ways they can be used to intrigue the palate.

For novice gardeners, a talk by Ann Merrill at 2:45 on 'Beginning with Herbs' will provide hints on cultivation and propagation of many herbs. Both lectures will be held at the headquarters area.

An Herb Society of America slide show entitled 'Construction of an Herb Garden' will be shown at 2:00 and again at 3:30.

For those inspired to begin an herb garden or expand an existing one, locally grown, potted herb plants will be offered for sale at the Garden Gift shop. While attending 'A Celebration of Herbs,' you'll have time to visit other nearby gardens of interest, including the Heasley Rock Garden, the Mundy Wildflower Garden and the Bowers Rhododendron Collection.



Dedicated Service Award

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

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

Nominate someone today by filling in this form and please note that you should accompany your briiot with a paragraph explaining why you wish to nominate this person and a list of signatures from other department members supporting your candidate. If your candidate is selected, we will be in touch with you to supply additional information.

For the Dedicated Service Award
I NOMINATE

Employee's name: _____ Phone: _____

Department: _____

Working Address/Phone #: _____

Person submitting nomination: _____

Dept./Address: _____ Phone: _____

Mail to: Carol Thurnheer, 216 Plant Science Bldg.

New Employee Orientation

Submitted by University Personnel Services

A funny thing may happen one day on the way to work or at lunch. You may find yourself seated next to someone who seems to be an expert on many Cornell facts but is actually a new employee. (Where to buy Cornell apples and cheese, where to take a sick pet goat, or how many miles of sewer line and acres of roof the University has). Due to the information and personal welcome provided at New Employee Orientation, we may all be surprised to realize that some of the most recently employed are also often some of the most campuswise.

New Employee Orientation (NEO) is sponsored by University Personnel Services and is conducted twice a month at the ILR Conference Center. New employees are introduced to the wide variety of opportunities available at the University. A personal welcome is often extended by executive guests such as President Rhodes, Provost Barker, Senior Vice President Herbster, Vice Provost Spencer, Associate Provost Egner, Vice Presidents Ballantyne, Gurowitz, Call and Ramin, and Director of University Personnel Services Snyder.

NEO features a slide presentation of campus facilities and scenes and highlights the activities and programs available to employees and their families. The audio-visual show provides a view of bird sanctuaries, gorges, libraries, classrooms, swimming pools, and laboratories. Employees may also select a variety of brochures and pamphlets provided by University departments and community organizations with helpful information about the campus, Ithaca and the Tompkins county area.

Attendees of NEO have the opportunity to meet other new employees, ask questions regarding their benefits and concerns about work life at Cornell.

New Employee Orientation is one of several steps in the orientation process at Cornell. NEO coordinators encourage new employees to attend an orientation session and also ask supervisors to urge their new employees to attend one of the NEO programs. Information and schedules for NEO may be obtained from Employee Relations by calling 6-7206, or at 130 Day Hall.

'Guidelines for Supervisors Concerning Hours of Work, Overtime and Timecards'

The brochure, "Guidelines for Supervisors Concerning Hours of Work, Overtime and Timecards," has been updated by Employee Relations to reflect the 1984 change in calculating overtime. The brochure has proven to be a useful guide for both employees and supervisors who have questions or concerns about hours of work, overtime and record keeping. The brochure also describes the provisions and coverage under the Fair Labor Standards Act, the purpose of timecards and instructions on how to complete them, guidelines in calculating overtime, and a definition of hours of work.

The policies and procedures on keeping records of hours worked, overtime and wages, can be found in the **Personnel Manual**, Sections 211-217 and the **Payroll Manual**, under "Timecards."

The change in calculating overtime was stated in the September 21, 1984 issue of **CONTACT** entitled, **1984-85 Benefit Improvements**, and became effective July 1,

1984 as the official University overtime pay calculation for most non-exempt employees.

Eligible holiday time is now included as hours worked in any overtime calculation. Once hours actually worked and eligible holiday time exceed 40 in the workweek, time and one-half must be paid for those hours over 40. There are no exceptions to this provision. If an eligible non-exempt employee has a total of more than 40 work hours and holiday hours in a workweek, time and one-half must be paid.

Employees represented by a collective bargaining agent should refer to their contract to determine eligibility.

If you have any questions, or wish to request copies of the brochure, "Guidelines for Supervisors Concerning Hours of Work, Overtime and Timecards," please call Employee Relations, University Personnel Services, at 6-7206.

CRC News



CORNELL RECREATION CLUB
165 Day Hall Ithaca, New York 14853

A Delightful Four-Day Trip To Colonial Williamsburg, Va.

Bright and early Wednesday morning, April 10, 32 CRC members and friends were greeted by Margaret Oaksford, CRC group leader and Peter McBride, one of Swartout and Ferris' finest, in the parking lot, where they boarded the bus to travel to Williamsburg, VA.

The group arrived Wednesday afternoon at the Lord Paget, a lovely colonial motel that was to be their 'home away from home' for the next four days.

On Thursday, a busy day was spent at historical Williamsburg -- lots of walking. No one seemed to mind as the weather was perfect -- lots of sun!

On Friday several visited "The Pottery" - a very large shopping center - returning with many bargains. After a relaxing afternoon

sitting in the sun by the pool, swimming or watching their favorite soaps (right Judy?) an excellent dinner was enjoyed at a fine restaurant in Williamsburg.

A full day was spent at Busch Gardens on Saturday. Lots of walking, standing in lines, and thrilling rides. The last evening in Williamsburg was spent packing and relaxing.

All too soon it was Sunday and time to return to Ithaca.

Thanks to Margaret Oaksford who was group leader and a big thank you to Peter McBride. Pete did an excellent job of making restaurant reservations, acting as a tour guide and being an all around very pleasant person. Again, many thanks to Margaret and Pete.

Some Other Notes

Due to a lack of interest, the Mother's Day Pancake Breakfast has been cancelled.

CRC Member discount is available from the following area merchants:

Cullens Sporting Goods -- 10% discount on non-restricted items

Marshall Pro-Diving -- 10% discount on instruction

Athlete's Foot -- 10% off all in-stock merchandise -- sale items excluded

Best of All Pizza -- 10% on 6-11 pizzas 15% on 12 or more

Fun-Tronics - 10% on purchase of metal detectors.

Up-and-Coming Events

Up-and-Coming Events (For additional information on any events, please call the CRC Office 256-7565.)

Benefair -- May 21, 22 and 23 at West Lounge at Statler Hall. Volunteers are needed to help at the CRC Booth. Call the CRC Office 6-7565

A Night at the Races, (Vernon Downs) -- Saturday, May 25

\$22.00/per person -- CRC member

\$27.00/per person -- non-member

The price includes bus, club house admission and buffet dinner.

Make your reservations now!

Shopping Spree -- Reading, Pennsylvania, Saturday, June 1.

Leave Ithaca at 6:00 a.m. and return 11:00 p.m.

\$22.00/person -- CRC member

\$27.00/person -- non-member

Dot Messenger, group leader

Make your reservations now!

Early June - Deep Sea Fishing Trip

This trip is still in the planning stage. Contact the CRC office for more information

CRC Annual PICNIC - Saturday, June 22.

Do you have a large tent and are willing to loan it for the picnic? OR how about volunteering your time to help cook, set-up, clean-up, etc.? Call the CRC Office. They

would like to hear from you!

TORONTO -- August 15 - 18

\$210.00/person -- double occupancy

\$180.00/person -- triple occupancy

\$160.00/person -- quad occupancy

(add \$5.00 more for non-member)

This includes: bus, three nights at the Ramada Downtown, dinner on arrival night, tour of the city, Friday - Toronto Expo, Saturday - dinner and theatre to see "Chorus Line", Sunday - a visit to Ontario Place. On Saturday - A trip to the zoo is planned but will cost an additional \$3.50. The Blue Jays will be in town on Friday night, which is an added treat if you are a baseball fan. \$75.00 deposit is needed by July 1. Make your reservations early.

HAWAII -- January 8-22

How about going to Hawaii during the cold, snowy month of January? Well, CRC has just the trip planned.

\$950.00/person -- CRC member

\$975.00/person -- non-member

This price includes transportation from Ithaca to Hawaii and return, hotel, a tour guide in Hawaii and a bon voyage party. An option -- an additional 7 days is being offered -- \$413 - Maui or \$381 - Kauai. More information call CRC Office.

1985 Holiday Schedule

| Holiday(s) | Date |
|-------------------|-----------------------------|
| Memorial Day: | May 27 (Monday) |
| Independence Day: | July 4 (Thursday) |
| Labor Day: | September 2 (Monday) |
| Thanksgiving Day: | November 28 (Thursday) |
| | November 29 (Friday) |
| Winter Holidays: | December 25 (Wednesday) |
| | December 26 (Thursday) |
| | December 27 (Friday) |
| | December 30 (Monday) |
| | December 31 (Tuesday) |
| | January 1, 1986 (Wednesday) |

Employee Application Forms Available for Summer Session

Permanent full-time or regular part-time employees are eligible to enroll in Cornell's Summer Session. Courses often have prerequisites and some may be limited in enrollment, but admission is open, if possible, in order to make summer session credit and noncredit courses accessible to the Cornell community and area residents.

Employees who wish to register for a summer course offering should follow the procedures outlined below:

1) Request an employee application form and Summer Session Announcement from

the Summer Session Office, B12 Ives Hall, 6-4987.

2) Complete and return both forms directly to the Summer Session Office.

3) Attend official registration in Barton Hall on the appropriate day for your session of study (see calendar inside front cover of Announcement).

All employees must attend official registration in Barton Hall; otherwise, a petition for reinstatement may be required as well as a \$75 late registration fee.

Employee Assembly Committee Conducts Extramural Survey

The Employee Assembly Committee on Extramural Education is researching the need for an interest in developing a more extensive and diverse extramural education program at Cornell, i.e., evening and weekend classes.

A survey has been developed, and with the assistance of the Division of Extramural Studies Office, is being distributed to a wide range of businesses in the immediate and surrounding seven-county area.

In order to assess interest within the Cor-

nell community, the committee has initiated work on a second survey which will be distributed to Cornell employees late spring.

Anyone interested in the Employee Assembly Committee on Extramural Education is encouraged to contact one of the co-chairs with questions, concerns, or comments. **Networking** will keep you informed of the progress. The committee hopes that all employees will participate in the upcoming survey.

Eva Desmond-Lugo, co-chair (256-3804)

Ann Argetsinger, co-chair (256-2116)



Pre-Retirement Seminar

"Rustproof Your Retirement"

May 14, 15 and 16, 1985

More information will be coming.

Pre-Retirement Planning Seminar Sessions Set

The next sessions of Cornell's Pre-Retirement Planning Seminar will be held May 14, 15 and 16, 1985. The program will provide information concerning housing choices, retirement budgets, effective use of a retirement savings plan, and planning for retirement income. The speaker will be Jeanne M. Hogarth, Assistant Professor, College of Human Ecology.

The seminar is open to all faculty and staff members and their guests. Details on the time and location of the sessions will be announced to all employees in **Contact**.

New at EAP

The Employee Assistance Program (EAP) will soon provide another service for Cornell employees with the introduction of problem-focus groups. Each group will focus on a specific problem such as parent-child communications, stress, or step families.

EAP counselors will offer information, counseling, and encourage questions and discussions about the focused problem.

The group will be limited to eight to ten participants and will be short term in length -- eight to twelve weeks. The meetings, approximately an hour and a half, will be arranged at a time convenient for the participant.

The first group will focus on living with a problem drinker and will begin in early May. Discussion will focus on the impact of the problem drinker on the family and what



There are solutions. Use EAP to find them.

family members can do to take care of themselves.

If you are interested in joining the first group on the problem drinker, call 273-1129. EAP counselors Lynn Gerstein and Lee Moon will be involved with the group and will be glad to answer any questions. Also, if you have a special interest which could be used for a problem-focused group, please call the EAP office. We would welcome any suggestions.

Employee Calendar

Events of Particular Interest to Cornell Employees

Thursday, May 9. University Assembly meeting, 4:45 - 6:00 p.m., 251 Malott Hall.

Wednesday, May 15. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Wednesday, May 22. Brown Bag Luncheon, "Cornell Extension Services: You Can Benefit!" sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, room 105, Lucinda Noble, director of Cooperative Extension, speaker.

Saturday, May 25. Cornell Recreation Club trip to Vernon Downs Race track, contact Peg Beach, 6-7565, for further information.

Saturday, June 1. Cornell Recreation Club One day shopping spree to Reading, PA. Cost is \$22/person, \$5 additional to non-members. Contact CRC Office for further details.

Wednesday, June 5. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Wednesday, June 12. Brown Bag Lun-

cheon, "Gender Roles in America: A historical Perspective," sponsored by the Employee-elected Trustees and the Employee Assembly, noon, Space Sciences Building, Professor Mary Beth Norton, History Department, speaker.

Wednesday, June 19. Employee Assembly meeting, 12:15 p.m., Day Hall, Third Floor Conference Room.

Wednesday, July 3. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

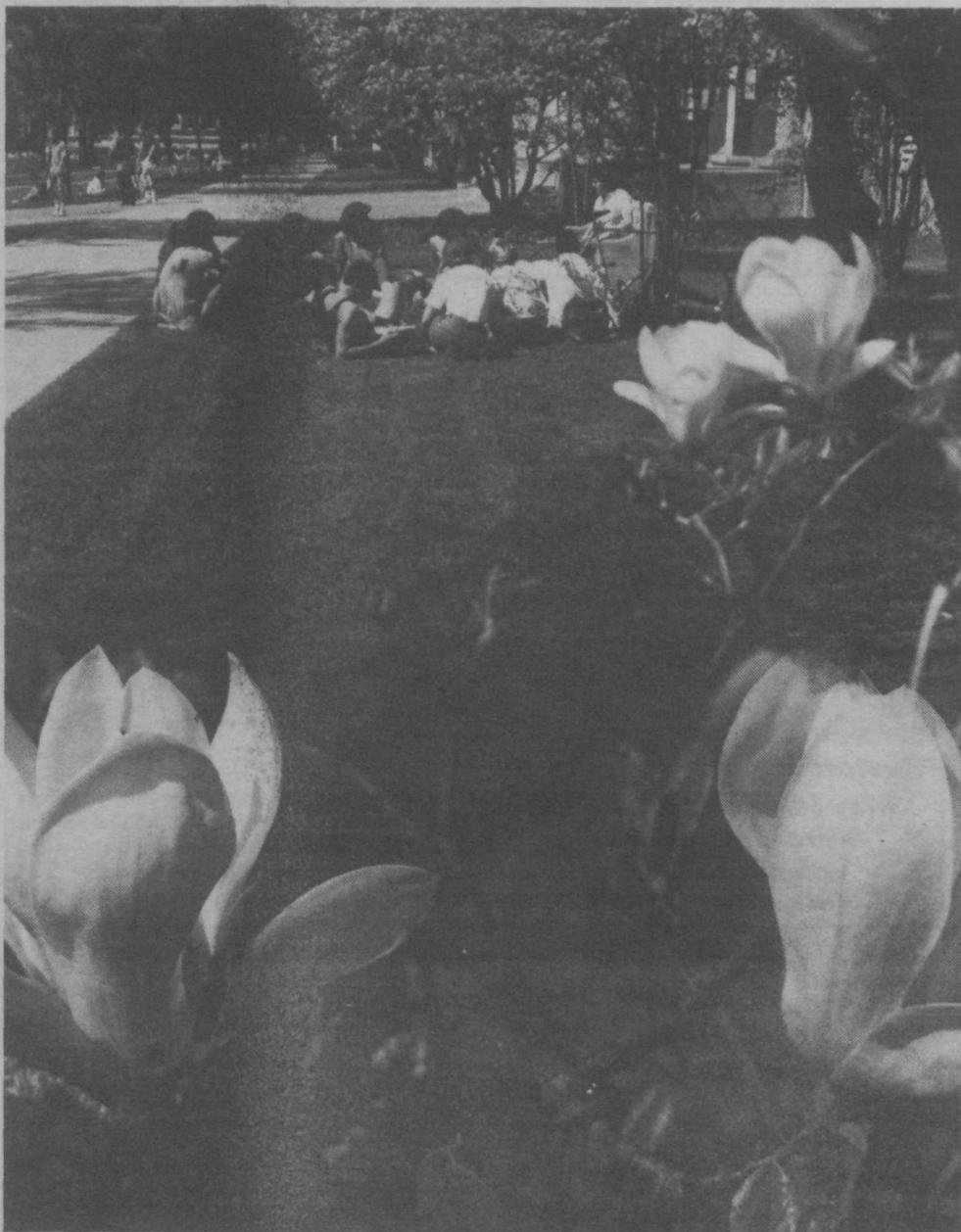
Wednesday, July 17. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Wednesday, August 7. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Thurs. — Sun., August 15 — 18. Cornell Recreation Club trip to Toronto, Canada. Cost is \$210/person, \$5.00 additional to non-members, (double occupancy). Contact CRC Office for further information.

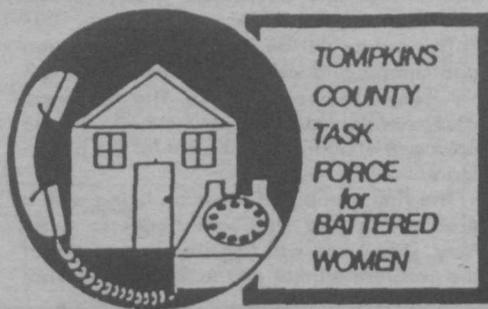
Wednesday, August 21. Employee Assembly meeting, 12:15 p.m., B-8 Roberts Hall.

Submit listings for Employee Calendar to editor, University Services, 130 Day Hall.



Task Force Announces Mother's Day Card Sale for 1985

A beautiful new edition of Mother's Day cards has been issued by the Tompkins County Task Force for Battered Women. They are available at stores and tables all over town for \$10 per pack of eight or \$1.50 each. The 1985 card shows a fuchsia orchid with green foliage on a white card. The design, as in previous years, is by Margaret Corbit. Cards are available blank or inscribed with a simple Mother's Day message. All of the proceeds go to the Task Force. Call 277-3203 for more information.



Unclassified Ads

FOR SALE: Enlarger: Omega IIc with two lens. \$200. 387-6534.

WANTED: Reliable person to mow grass for retired person on weekly basis. Lawn-mower, gasoline and soda provided. Should take about 1 hour to do lawn. Please call 272-7053 to discuss price.

FOR SALE: 1979 Ford Fairmont; 4 speed, AM/FM radio; good condition; best offer; call 387-6787 after 6:00.

FOR SALE: Solar apartment in an established co-op on West Hill. 19 acres of woods, fields, pond. Rural yet only 4 miles from CU. Suitable individual or couple. Call Bud at 533-7743 or 6-3549.

FOR SALE: Bicycle, 1-speed, Schwinn 20" Tornado, very good condition, asking \$50. Call 272-5622 p.m. or 257-7581 eves.

FOR SALE: "Collectible" Cushman dining room table made of solid maple with 1 captain and 1 first mate chair. Table has two leaves; closed length is 5', extended length is 8'. \$375, or offer. 532-9485.

WANTED: Children's swingset for an active 4 yr. old. 6-5511 or 273-6423, Bill.

FOR RENT: Apartments for rent, June or September. Clean, quiet, sunny 1-bedroom or efficiencies. Garden space, country views. Etna area, near Love Inn. \$260-275 includes heat. Fred or Marie, 844-8783.

FOR SALE: Mini-blind, Levalor, yellow 52"x32" — \$35. Rubber grill, diam. 17.5" — \$18. Call 6-5259, 8-12; after 1:00, 272-9476.

FOR SALE: '76 Prowler Camper, 18', sleeps 6, tandem axle, all equipped. '75 Kawasaki 900 Z1C, 10,300 mi., many extras, excellent cond. '82 Goldwing Interstate, 16,000 mi. extra suspension, pinstriped, showroom cond. George after 6:00, Lansing, 1-315-497-0162. Make an offer.

MUST SELL: 1976 Olds Starfire, 84,000 miles, body/engine good, 6 extra sport rims, \$1,000; Amerigo truck-mount camper, sleeps six, excellent cond. \$3,500 — both items negotiable. Call Bernie 6-5247 or 564-9375.

FOR SALE: Brother electronic (CE-50) typewriter and case; memory, correcting, lightweight, still under warranty; excellent cond. \$275, includes extra cassette ribbons. 272-8483 eves.

FOR SALE: Overrunning coupler, 1 3/8 x 1 3/8 6 spline, fits Ford or Ferguson tractors. \$30, 257-3952 after 6:00.

FOR SALE: Add-a-room addition, 1 yr. old, 14 x 16, six inch insulation, lg. closet, electric heat. Burgundy carpet, white walls, built to last. For house or mobile home, call 257-4325.

Select BENEFITS

Watch for three CONTACT mailings to arrive in early May.

Enrollment forms and additional information will arrive at your home address in May.

PHOTO CONTEST

One hundred sixty-eight photos were entered in *Networking's* Third Annual Photo Contest. Thanks to all for making this our most successful contest.

Winners will be announced at a reception May 22nd at 12:00 in the third floor Conference Room of Day Hall. The Cornell community is invited to attend. Refreshments will be served.

All photos will be on display June 9 through June 22 in the Hartell Gallery.

FOR SALE: 1972 Pinto, good running cond. (44,000 mi.) One owner, some rust, 4600. 607-844-4619.

FOR SALE: Singer treadle sewing machine, circa 1920 excellent running cond., body very good cond. \$75; Libby glasses, set of 24 — \$10; a small hand-carved acacia occasional table, \$30; Scott AM/FM radio/phonograph, no turntable unit, needs minor repair but working order, \$30; Egyptian camel hair blanket, \$15. Call 257-1631 after 6:00.

WANTED: Clean and sturdy baby high chair. Prefer folding type. Call Joanne 6-2095.

JULY SUBLET: Large one bedroom kitchen living room; furnished, utilities included, one block from campus, parking, call 277-2591 after 7:00 p.m.

FOR RENT: Furnished studio apt. for single, quiet adult. Near Commons, \$340 includes utilities. Available 5/15, summer lease, fall option. Call 6-7244 or 272-6950.

FOR SALE: HONDA 1980 CM-400E Motorcycle; excellent cond., \$1,000 neg. Call after 5 p.m. 659-7337.

FOR SALE: 10 room older Groton Village home. Located on a quiet street, 13 mi. from Cornell. Pre-appraised by the CFCU. Eat-in kitchen, dining room, laundry, large living area and study (both with fireplace), old kitchen, four bedrooms, 2 1/2 baths. Full basement and 2-car garage. 2/3 acre, many large mature trees, yard and garden space. Could be converted into a duplex or income apartment. Super insulation/efficient gas furnace. Low cost village electric, \$43,900. Call Steve 6-6555 (days) or 898-3911 (eves.).

FOR SALE: 3 Rabbit cages, 2 single, 1 triple. Call after 3:00, 273-0940.

Please submit all unclassified and ride-sharing ads to Linda English, 61 Brown Rd., Research Park (via campus mail). The deadline for the May 23rd issue of *Networking* is May 13th. At this time, unclassified ads are free of charge to all Cornell faculty, staff and graduate students.

Networking

Deadlines

May 13 (May 23 issue)
 May 27 (June 6 issue)
 June 10 (June 20 issue)
 July 1 (July 11 issue)
 July 15 (July 25 issue)
 July 30 (August 8 issue)
 August 12 (August 22 issue)
 August 27 (September 5 issue)
 September 10 (September 19 issue)
 September 24 (October 3 issue)
 October 8 (October 17 issue)
 October 22 (October 31 issue)
 November 5 (November 14 issue)
 November 26 (December 5 issue)
 December 9 (December 19 issue)

Editorial Board

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