

Cornell Chronicle

Volume 16, Number 34

Thursday, May 16, 1985



Some spirited Frisbee action was only a small part of the activity at last Friday's Springfest on Libe Slope. Other photographs on Page 3.

Shanty Town Still Up; 50 Protest at Day Hall Wednesday

About 50 protestors including students and faculty gathered outside Day Hall during the noon hour Wednesday to continue their call to have Cornell divest from companies doing business in South Africa. This was the first demonstration in front of administration building in several days.

Behind Day Hall, a small group of anti-apartheid, pro-divestment protestors continued to expand their "shanty town" in violation of university regulations. The permit issued April 22 was revoked May 10.

Cornell revoked the permit for shanty town after the City of Ithaca Fire Department

ordered the removal of the combustible materials forming the structures, because they are a fire hazard. Both actions came after one of the cardboard and wood shanties was destroyed Friday by a late-morning fire. It is believed that the fire started accidentally in a sleeping area.

In related developments, Acting City Court Judge John Sherman dismissed the trespass charges filed against about 180 students, 10 faculty and staff, and 50 non-Cornellians who participated in the sit-ins.

In his ruling last Friday, Sherman said one of the reasons he was dismissing the charges

was because Cornell's judicial hearing board had exonerated the first 42 student protestors to appear before it. Sherman said, "Given the lack of any demonstrated threat to the health or safety of the community, the essentially petty nature of the charges, the failure of the complainant to utilize its administrative sanctions against the defendants under its control, and the possible expense involved in the trial of these cases, there are sufficient compelling circumstances to clearly demonstrate that prosecution or conviction of these defendants would constitute an injustice."

Also, the Board of Trustees' Proxy Review Committee returned to campus May 10 to listen to a steering group of the students and faculty who had participated in the pro-divestment sit-ins.

Students who were using a firehose to fill a portable swimming pool nearby for activities were the first to respond to the smoky fire in shanty town. One of the students, Robert J. Forness '87, of Chaumont, NY, was treated at Gannett Health Center for minor burns and was released. No other injuries were reported.

The fire did not spread to any other shanties or to any permanent campus buildings. Day Hall was evacuated briefly as a precaution.

Friday afternoon, Cornell was notified by the city fire department that combustible materials in the shanty town were a fire hazard and must be removed. Cornell administrators revoked the permit for shanty town, and asked the protestors, most of whom are believed to be students, to take their personal belongings and leave.

At 7:10 a.m. Saturday (May 11), Cornell employees began putting debris from Friday's fire into a backhoe, which lifted the materials into a waiting dump truck.

Inside one of the shanties, a half-dozen protestors had used metal cable to tie themselves to posts and refused to leave. Cornell safety officers used wire cutters to free the protestors, and then dragged the students from the scene.

At 7:30 a.m., buildings and grounds employees began removing materials from the shanty. At that point, seven protestors stood

Giscard d'Estaing Will Speak Here

Former French President Valery Giscard d'Estaing will discuss the world monetary crisis during a lecture sponsored by the Johnson Graduate School of Management Saturday, June 15.

Giscard d'Estaing, who was president of France from 1974 to 1981, will deliver the Frank Stanley Beveridge Foundation Lecture as part of the Cornell and Johnson School alumni reunion. His topic will be: "World Monetary Crisis: The Role of the European Currency Unit." He will speak at 4 p.m. in Bailey Hall.

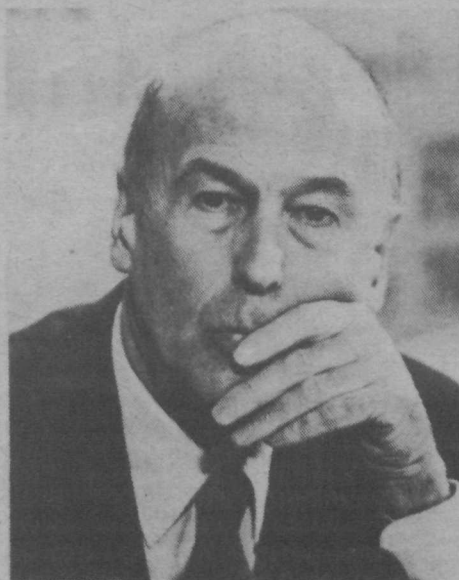
The Frank Stanley Beveridge Foundation Lecture was established in 1981 to bring distinguished government leaders and others to Cornell. Previous speakers were journalist William F. Buckley Jr., former Secretary of State Henry A. Kissinger, former President Gerald R. Ford, and former West German Chancellor Helmut Schmidt.

In addition to the keynote lecture, Johnson School reunion activities will include seminars on Friday, June 14, on personal wealth, international economic competition, and the global economy. More than 200 management school alumni are expected to attend the two-day program, which is part of the university's 1985 reunion schedule.

Once described as "the very symbol of hard-nosed, old-fashioned economics" by a Washington Post writer, Giscard d'Estaing has pursued measures to establish monetary cooperation among economically interdependent nations and to reduce Europe's dependency on the American dollar. His suggestions have included creating European money and postage stamps that could be used throughout the nations of Europe.

In foreign affairs, Giscard d'Estaing nego-

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VALERY GISCARD D'ESTAING

Continued on Page 7

Cornell Composer Gets Philadelphia Commission

Steven Stucky, assistant professor of music here, is one of six American composers recently chosen by The Philadelphia Orchestra to compose music for its 1987 world premiere performances celebrating the U.S. Constitution's bicentennial.

Known as "The Constitutional Commissions," the works will include music for the full symphony orchestra, chamber and string orchestras, an overture, and wind, brass, and percussion instruments. Stucky, who will write a 30-minute concerto for the orchestra, is not the only Cornellian to be given a Constitutional commission. Christopher Rouse, who received his D.M.A. from Cor-

nell in 1977 and is now teaching at the Eastman School of Music in Rochester, will compose an overture.

The four other composers representing a range of generations and styles are Milton Babbitt, Ralph Shapey, Nicholas Thorne, and Stanley Walden. The orchestra will play the works during the bicentennial year and music director Riccardo Muti will also play some of them during the orchestra's European tour in the summer of 1987.

Stucky explains that "The Constitutional Commission" selection process was done in secret and he had "no idea" he had been chosen until receiving a phone call in February.

"The Philadelphia Orchestra is one of the greatest in the world. Therefore, it is a great honor and opportunity to be asked to write something for them. A project of this size represents quite a commitment to American music. I don't think any other orchestra in the country has singlehandedly done something like this," Stucky adds.

Stucky is no stranger to commissions, having received them from Bryn Mawr College, Yale, Lawrence University, Florida State University, Baylor University, the National Endowment for the Arts, the Dreyfuss Foundation, the Society for New Music, and Boston Musica Viva.

Educated at Baylor and Cornell, where he studied under musical names such as Robert Palmer and Karel Husa, the 35-year-old Kansas native has already conducted new music for concerts and records, as well as serving as a writer and lecturer. His book, "Lutoslawski and His Music," won the ASCAP Deems Taylor Award for excellence in writing about music.



STEVEN STUCKY

Giscard d'Estaing

Continued from Page 1

tiated a trade pact with the Soviet Union and signed economic agreements with Great Britain, among other accomplishments.

Giscard d'Estaing served as delegate to the United Nations general assembly from 1956 to 1958 and was a member of Parliament from 1956 until his election to the presidency in 1974. He lost his 1981 reelection bid to current French President Francois Mitterrand, but won election to Parliament in 1984, marking the first time in modern French history that a former head of state has served as a legislator.

There is widespread speculation that Giscard d'Estaing will be a candidate in France's next presidential election, which must be held by 1988.

On Friday (June 14), Johnson School alumni and other Cornellians will attend three seminars to be presented by members

of the management school's faculty. From 9 to 11 a.m., Jerome E. Hass, professor of managerial economics and finance, will discuss "Managing Your Personal Wealth."

There will be two management seminars from 1:30 to 4:15 p.m. T.J. Pempel, professor of government, will discuss "How to Do Business in Japan: Is the United States an Effective Competitor?" L. Joseph Thomas, professor of production and quantitative analysis, will discuss "Managing People and Technology in Our Global Economy." All three seminars will be held in Bache Auditorium in Malott Hall.

Admission to Giscard d'Estaing's lecture is by ticket only. His speech will be carried live by radio station WHCU in Ithaca.

For more information, contact the reunification office in the management school, 308 Malott Hall, at 256-7378.



Touring the tunnel of the Wilson Synchrotron shortly after its opening in 1968 were Hans A. Bethe, left, one of the speakers in next week's symposium to honor Laboratory of Nuclear Studies Director Boyce McDaniel, at right.

Nuclear Studies Lab Is 40; McDaniel to Be Honored

Future directions in particle physics will be explored May 22 and 23 in a symposium marking 40 years of research at Cornell University's Floyd R. Newman Laboratory of Nuclear Studies and honoring the laboratory's retiring director, Boyce D. McDaniel. All of the symposium sessions are open to the public at no charge.

Four of the nation's leading physicists will review the early history of the Cornell laboratory in a session at 9 a.m. Wednesday, May 22, in Statler Auditorium. Participating will be Robert F. Bacher, professor of physics emeritus at California Institute of Technology; Robert R. Wilson, professor of physics emeritus at Cornell; and Hans A. Bethe, professor of physics emeritus at Cornell. Nobel laureate Richard P. Feynman, professor of physics at Caltech, will reminisce on his years of association with the Cornell laboratory (1945 - 1950).

Bacher joined the Cornell physics faculty in 1935 and served briefly as director of the Laboratory of Nuclear Studies in 1946, until he was named as the first scientist on the Atomic Energy Commission.

Robert R. Wilson, for whom Cornell's synchrotron laboratory is named, was director of the Laboratory of Nuclear Studies from 1947 to 1967, when he became director of Fermilab in Illinois.

Bethe, the theoretical nuclear physicist who received the 1967 Nobel Prize in physics for his explanation of energy production in stars, has been a member of the Cornell faculty since 1935.

Chairman of the morning session is Kenneth I. Greisen, professor of physics emeritus and researcher in cosmic rays. Greisen was a member of the Cornell physics faculty from 1946 until his retirement in 1984, and was chairman of the astronomy department and dean of the faculty.

The afternoon session, beginning at 2:30 p.m. in Statler Auditorium, will deal with the second 20 years at the laboratory. Chairing the session is Lyman G. Parratt, a specialist in X-ray spectroscopy. He concluded

40 years of Cornell teaching in 1973, including 10 years as chairman of the department of physics, when the Wilson Synchrotron laboratory was designed and built.

During the session, three Cornell physicists will speak on related topics. They are Albert Silverman, on experiments in particle physics; Kurt Gottfried, on theoretical studies; and John W. DeWire, with recollections of the laboratory's most recent two decades.

The symposium will turn to the future at 9 a.m. Thursday, May 23, in Statler Auditorium, under the chairmanship of Dale R. Corson, president emeritus of Cornell. A member of the Cornell physics faculty since 1946, Corson helped design early synchrotrons and cyclotrons at Cornell and elsewhere.

Kenneth G. Wilson, the James A. Weeks Professor of Physical Science at Cornell, will speak on the use of computers in particle physics. The 1982 Nobel laureate in physics, Wilson is the director of the Center for Theory and Simulation in Science and Engineering at Cornell, one of four national supercomputer centers recently designated by the federal government.

The morning session continues with Karl Berkelman, professor of physics at Cornell, speaking on experiments; Orlando Alvarez, assistant professor of physics at University of California at Berkeley, on theory; and Maury Tigner, professor of physics at Cornell, on accelerators.

Berkelman has been a member of the Cornell physics faculty since 1961. He has played a leading role in the experimental program at Wilson Laboratory. He will become director of the Laboratory of Nuclear Studies July 1. Alvarez was associated with Newman Laboratory from 1979 to 1982. He is an expert in quantum field theory.

Tigner, currently on leave from Cornell, serves as director of the design group for the proposed Superconducting Super Collider

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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.

CIRCULATION MANAGER: Joanne Hanavan.

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Charles Harrington



Matt Jones



Charles Harrington



Lina Mak

Spring 1985 fest

Pot Shop in Willard Straight Hall Open to Students, Staff, Faculty

Jennifer Van Alstine has a secret she doesn't want to keep.

On the first floor of Willard Straight Hall, next to the rock garden is the Cornell Pot Shop, formerly known as the WSH Pottery Studio. It has been used traditionally by students and staff members, and Van Alstine, director of the Pot Shop, wants to spread the well-kept word that her facility — open more than a dozen years — is also available to faculty for their personal use or as an extension of the classroom.

In fact, a recent student project completed with the supervision of Nancy Neher, a faculty member in the History of Art Department, illustrates how the shop can be used as a valuable teaching aid.

When Jennifer Landsman, a senior in the college of Arts and Sciences, approached Neher about an independent art history study project, it was decided she should use the Pot Shop as her base. Classes taught by professional and local potters are also given at the shop.

After researching the culture and pottery of ancient western Mexico, Landsman began replicating by improvisation the "handbuilt" pottery technique used by people in the Colima region. This required that wet clay and colorants be used over leather hard dry clay, all of which was then fired at low temperatures.

Another faculty-supervised project was one in which Japanese Tea Bowls were made.

Such projects, explains Van Alstine, give three-dimensional life to what is normally seen only on paper or heard about in the classroom. Tools available to faculty and their students are 10 electric wheels, five kick wheels, one electric bisque kiln, one electric glaze kiln, and raw materials for mixing clays and glazes.

Membership fees for students are \$30 per semester. However, special project fees can be arranged by calling 256-5170 or 256-4311. The shop's hours are 10 a.m. to 10 p.m. daily.



Faculty member and adviser Nancy Neher (left) and Jennifer Landsman display the results of student Landsman's art project. Neher holds a replica of an ancient western Mexican "effigy" vessel in the shape of a man with a "head pot." Landsman shows two hollow ducks. Such vessels, made with spouts, were originally filled with liquids and foods and buried with the dead in underground shafts in order to assure nourishment on the trip to the underworld.

PEOPLE

Reagan Names Jean McKelvey

Labor arbitrator Jean T. McKelvey, professor emeritus at Cornell, has been reappointed by President Reagan to a five-year term on the Federal Service Impasses Panel.

An agency of the Federal Labor Relations Council, the panel provides assistance in resolving labor negotiations that have reached a stalemate.

McKelvey is the only member of the impasses panel to serve since its inception in 1970. Her new term expires Jan. 10, 1990.

She retired from the New York State School of Industrial Labor Relations at Cornell in 1973, but still teaches on a part-time basis.

A resident of Rochester, McKelvey also is on the Panel of Arbitrators for the State of New York and serves on the American Arbitration Association as a member of the Mediation Advisory Committee and the advisory council for the "Arbitration Journal."

She is a member of the U.S. Postal Service Expedited Arbitration Panels and the Executive Board of the International Society for Labor Law and Social Legislation.



JEAN T. MCKELVEY

Two Sophomores Here Win Truman Scholarships Worth \$20,000 Each

Two Cornell University sophomores, Eric B. Beckman and Carlton M. Etnier, have been awarded 1985 Harry S. Truman Scholarships worth up to \$20,000 each.

They were among 105 students nationwide to receive the coveted awards established in memory of the 33rd president of the United States. It is the fourth straight year that at least one Cornell candidate has won a Truman scholarship. Only two nominees are permitted from each institution.

The scholarships were established by an act of Congress to help college students prepare for careers in government service. They provide a maximum annual award of \$5,000 for two years of undergraduate and two years of graduate study.

Beckman, who comes from the Bronx, is in the College of Arts and Sciences, but will be studying at the University of Oxford in England next year. He is interested in law and human rights.

Etnier, of Eau Claire, WI., will continue his studies in the New York State College of Agriculture and Life Sciences at Cornell.

David M. Feldshuh, artistic director of Theatre Cornell and a professor of theatre arts at the university, has been awarded tenure, effective February 1. Feldshuh came to Cornell last September "to formulate the vision of Theatre Cornell" and to establish its program for the \$16.5 million Performing Arts Center to be built in Collegetown. Feldshuh is a former associate artistic director of the Guthrie Theatre and resident director at the Illusion Theater, both in Minneapolis, and a member of the Director's Unit at The New Dramatist in New York City. He is also a member of the Actor's Equity Association, the Screen Actor's Guild, and the American Federation of Television and Radio Artists.

Shen Wins Humboldt Award

Shan-Fu Shen, the John Edison Sweet Professor of Engineering, is the second member of the Cornell faculty this year to receive an Alexander von Humboldt Foundation senior U.S. scientist research award. The other, to Thor N. Rhodin, professor of applied and engineering physics, was announced earlier this spring.

Shen has been at the University of Göttingen in West Germany conducting research under the award since mid April. He is expected to return to Cornell in August.

Shen, who was named to the National Academy of Engineering earlier this year "for fundamental contributions to aerodynamics and non-Newtonian fluid mechanics," joined the faculty of the Sibley School of Mechanical and Aerospace Engineering at Cornell in 1961.

The Humboldt fellowships have been sponsored by the Federal Republic of Germany since 1972. More than 20 Cornell faculty members have received the prestigious awards.

Silcox Gets Teaching Honor

John Silcox, professor of applied and engineering physics, is the 1985 recipient of the Award for Excellence in Engineering Teaching at Cornell.

The award, accompanied by a \$1,500 prize, is sponsored by the Cornell Society of Engineers, an alumni group, and the Cornell chapter of Tau Beta Pi, the national honorary society. The winner is selected on the basis of student nominations.

In addition to his teaching activities, Silcox has administrative experience; he has served twice as director of Cornell's School of Applied and Engineering Physics, and has directed a research program of international reputation. A specialist in electron microscopy, spectroscopy, and diffraction, he has focused on the development of instrumentation and techniques to study electronic, chemical, and crystallographic microstructure. Such studies are applicable, for exam-

ple, to the production of semiconductor thin films for electronic devices.

Silcox is associated with the Materials Science Center and the National Submicron Facility, both at Cornell. He has spent sabbatical leaves as a Guggenheim Fellow in France and England (1967-68), at Bell Laboratories (1974-75), and at Arizona State University (1983).

He is a fellow of the American Physical Society and past president of the Electron Microscopy Society of America. He has also served on the Solid State Sciences Committee of the National Academy of Sciences/National Research Council. Currently, he is a member of advisory committees to four national electron microscopy facilities.

Silcox came to Cornell in 1961, after receiving the Ph.D. from Cambridge University.

AAAS Elects McLafferty of Chemistry

Fred W. McLafferty, professor of chemistry, has been elected to the American Academy of Arts and Sciences.

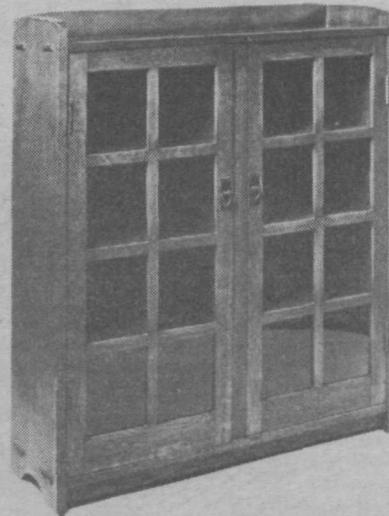
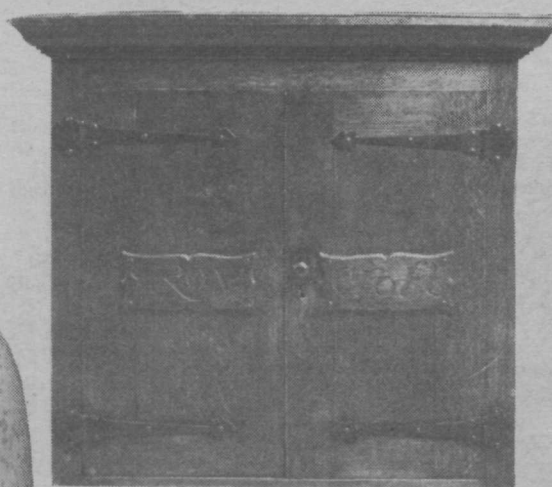
He is one of 85 leading scholars, scientists, public figures and artists named to the academy this year. Among 19 foreign scholars named honorary members was the French philosopher Jacques Derrida, one of Cornell's Andrew D. White Professors-at-Large.

Founded in 1780 by John Adams and other leaders of the American Revolution, the academy now numbers approximately 2,300 members. McLafferty, who is also a member of the National Academy of Sciences, is a leading authority on mass spectrometry and

computer assisted techniques in analytical chemistry.

A member of the Cornell faculty since 1968, he holds a B.S. degree (1943) from the University of Nebraska and M.S. (1947) and Ph.D. (1950) degrees from Cornell.

He taught at Purdue University before returning to Cornell, and from 1950 to 1956 was in charge of mass spectrometry and gas chromatography at the Dow Chemical Co. He was the first director of Dow's Eastern Research Laboratory for Basic Research from 1956 to 1964.



Some of the items on exhibit at the current show in the Herbert F. Johnson Museum of Art are (from left) the Monogram Vase, porcelain, 1905, by ceramist Adelaide Alsop Robineau; a wall cabinet, ca. 1903-07, from Roycroft Shops of East Aurora, oak, with hand-wrought metal hinges; a bookcase, ca. 1906-12, produced in Gustav Stickley's Craftsman Workshops in Eastwood, a suburb of Syracuse, oak with handcrafted copper hardware, and a table, ca. 1901, also made of oak and manufactured in Gustav Stickley's shop.

New York State Arts and Crafts on Exhibit

"The Arts and Crafts Movement in New York State 1890s — 1920s" is on view at the Herbert F. Johnson Museum of Art from May 15 to June 23. Consisting of more than 200 works created by New York state craftspeople, the exhibition includes furniture, ceramics, metalwork, art glass, graphic and book arts, textiles, and architectural renderings.

Originating in England, the Arts and Crafts movement was a direct response to the widespread industrialization that had transformed society. Proponents of the movement decried what they perceived as the dehumanization of man and the decline of traditional artistic standards.

Instead, they appreciated hand-made objects intended for daily use, valuing simplicity of design, good craftsmanship, and individual expression. Today, the Arts and Crafts movement is recognized as an important influence in the development of American decorative arts.

No state has made a greater contribution to the Arts and Crafts movement in this country than New York. In the early years of the twentieth century, towns in the central and western parts of the state such as Syracuse, Rochester, and Oneida were important arts

and crafts centers. The extensive railroad and canal systems provided easy access to raw materials and an excellent network for the distribution of handicrafts to major metropolitan markets. Furthermore, the beautiful scenery of the Catskills, Hudson River, and rolling upstate hills attracted craftsmen to the state.

Several of these craftsmen were nationally recognized for their prominence in the Arts and Crafts movement, including publisher and furniture maker Gustav Stickley of Syracuse and Roycroft community leader Elbert Hubbard of East Aurora. Both men were concerned with quality in design and production, manual training in education, and improvement of the civic and domestic environment.

Organized by Coy Ludwig, professor of art and director of the Tyler Art Gallery, SUNY Oswego, the show is the first in recent years to survey the Arts and Crafts movement in New York state. It has been made possible by grants from the National Endowment for the Arts and the New York Council for the Humanities, and is currently traveling under the auspices of the Gallery Association of New York State.

A 118-page catalog with black-and-white

and color photographs is available for purchase at the museum. In addition, a gallery guide prepared by curatorial assistant Cynthia Wayne focuses on the Arts and Crafts movement in Ithaca as manifested in the Telluride House on the Cornell campus as well as in other architectural examples.

To complement the Arts and Crafts exhibition, the education department will host several related events. On Saturday, May 18, from 11:00 a.m. to 1:00 p.m., a hands-on stenciling workshop will be offered as part of an International Museum Day celebration. On Saturday, June 1, from 10:30 a.m. to noon, area artist Kumi Korf will lead a book-making demonstration and then give participants the chance to make their own books. Finally, on Saturday, June 16, at 3:00 p.m., George Cannon of Lumiere Glassworks Studio will give a demonstration on stained-glass techniques.

Open Tuesday through Sunday, 10 a.m. to 5 p.m., the Herbert F. Johnson Museum of Art is located at the corner of University and Central avenues on the Cornell campus. Admission is free. For further information, call 256-6464.

PRIZES

Classical Learning

Kay Georgi, Classics '85 in the College of Arts and Sciences, is the winner of the Lane Cooper Prize which is given annually to the upperclass student "who shall demonstrate the greatest promise in the application of classical learning to the problems of modern life." The prize was established by an anonymous donor to honor the memory of Prof. Lane Cooper, English, who helped him during his undergraduate career.

Georgi will receive the B.A. degree in June, with a double major in classics and archaeology.

Caplan Fellowship

Reef S. Altoma '86 is the winner of the 1985 Caplan Fellowship, awarded annually to students for summer travel to Europe to visit places they have studied but not seen firsthand.

The award, which carries with it a \$1,500 prize, was established by colleagues, students and friends of Prof. Harry Caplan, one of Cornell's most beloved teachers for 50 years. It honors his extraordinary influence on education at Cornell and on scholarship in the classics, medieval studies and rhetoric.

Altoma is a government major who is interested in the cultures of the Mediterranean and particularly in the ancient civilizations of Greece and the Aegean Islands.

Liu Memorial

Five graduate students have been named as recipients of the 1984-85 Liu Memorial award for outstanding scholarship in their fields. The winners of this year's annual competition are Chen Zhong-ping, Huang Chu-ren, Lee Chih-kung, Liu Wei-min, and Wang Jing-shan. The selection committee of faculty members representing the humanities and the social, physical, and biological sciences and chaired by the dean of the Graduate School, considered nominations of 20 students.

The Liu Award was created in honor of Goldwin Smith Professor of Economics Ta-Chung Liu, and is awarded to students of Chinese descent "for the primary purpose of furthering their education and training, and encouraging excellence in scholastic and research activities." This year's cash awards were in the amounts of \$1000 and \$500.

Chen Zhong-ping, who recently transferred into the Field of Electrical Engi-

neering from Applied Physics, is completing his second year of graduate study. His specialty is the thin film properties of semiconductors, and involves both experimental and theoretical expertise. He came to Cornell from China's Shanghai Jiaotong University where he had been appointed to the teaching staff after receiving his bachelor's in laser physics.

Huang Chu-ren is a third-year student in Linguistics. His studies focus on the syntax and semantics of the Chinese language, using two formal linguistic theories that have been used for analyzing some languages, English in particular. Mr. Huang hopes to give an adequate account of Chinese while at the same time testing the universal validity of those theories. He spent the fall term at Stanford University learning about computer implementation of those theories. After obtaining his doctorate, Huang hopes to return to Taiwan to teach linguistics and continue his research.

Lee Chih-kung, a graduate of National Taiwan University, is a second-year student in the Field of Theoretical and Applied Mechanics. He completed his M.S. after one year at Cornell and has had more than ten papers published in academic journals. His

current areas of interest are in the interaction between control theory, waves, optics, acoustics, and other related fields. He is the department's IBM Fellow this year and held a Graduate School Sage Fellowship his first year.

Liu Wei-min entered Cornell's Field of Applied Mathematics in September 1983. He received his undergraduate degree from Shanghai College of Mechanical and Electrical Engineering and did master's work at Shanghai Institute of Biochemistry. He is not only a talented mathematician, but also is well-trained in molecular biology and evolutionary theory. He is committed to research combining those two fields by applying mathematical theory to problems in ecology and epidemiology, particularly the evolution of influenza.

Wang Jing-shan, completing her second year in the Field of Government, is interested in comparative studies and will write her dissertation on Chinese and Western legal theory. She has a master's degree in law from Peking University in Beijing, where she taught for one year. She plans to return there to continue teaching legal and political theory after receiving her doctorate.

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 Apgar, 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

Alternatives Library

Students who have overdue materials from the Alternatives Library in Anabel Taylor Hall should return them by May 30. If not, replacement charges will be put on your bursar bill.

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. Sponsored by Western Societies Program.

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.

Personal Effectiveness Seminar

This eight-week workshop with Let Davidson, Ph.D., empowers you to make your life work. Build the personal qualities and skills of self-confidence and self-awareness, integrity, commitment, creativity, vitality, relaxation and peace of mind. Define and realize your goals. Meets Mondays, from 7-10 p.m., beginning June 3. Call 272-4131. Cosponsored by CRESP.

Making Relationships Work

An eight-week workshop with Let Davidson, Ph.D., on creating loving and satisfying relationships and effective communication, for individuals and couples, meets Thursdays, from 7-10:30 p.m., beginning June 6. Call 272-4131. Cosponsored by CRESP.

Luncheon Discussion Group

Donatella della Porta, European University Institute at Fiesole, "Social Movements and Left-wing Terrorism in Italy in the 1970's." A WSP Visiting Fellow this term and the editor of *Terrorism in Italy*, Donatella is engaged in a major study of the origins and functioning of Italian terrorism. This discussion will be held at 12:15 p.m. in room 153 of Uris Hall, on Friday, May 24. Sponsored by the Western Societies Program.

EARS

On behalf of empathy, assistance and referral Service, fondly known as E.A.R.S., I am happy to announce that we have recently expanded our hours. Friday hours have been extended from 7-11 p.m. to 5-11 p.m. Our regular hours Sunday through Thursday, 3-11 p.m. and Saturday, 7-11 p.m. continue unchanged. E.A.R.S. provides short-term peer counseling on a walk-in as well as telephone basis; we are located in Willard Straight Hall, room 211, and our phone number is 256-EARS. All services are free and completely confidential. As ever, E.A.R.S. counselors look forward to being of support to all members of the Cornell community.

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.

Dance

Cornell Folkdancers

The Cornell Folkdancers meet in the North Room of Willard Straight Hall every Sunday. From 7:00 till 8:30 p.m. a review of workshop dances, and 8:30 till 10:30 request dancing. Free.

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

Jitterbug Club

The Jitterbug Club dances the 1st, 3rd and 5th Wednesday of every month from 9-11 p.m. in the Edwards Room in Anabel Taylor Hall. We teach beginners from 9-10 p.m. Call Jim at 273-5268 for more information.

Scottish Country Dancing

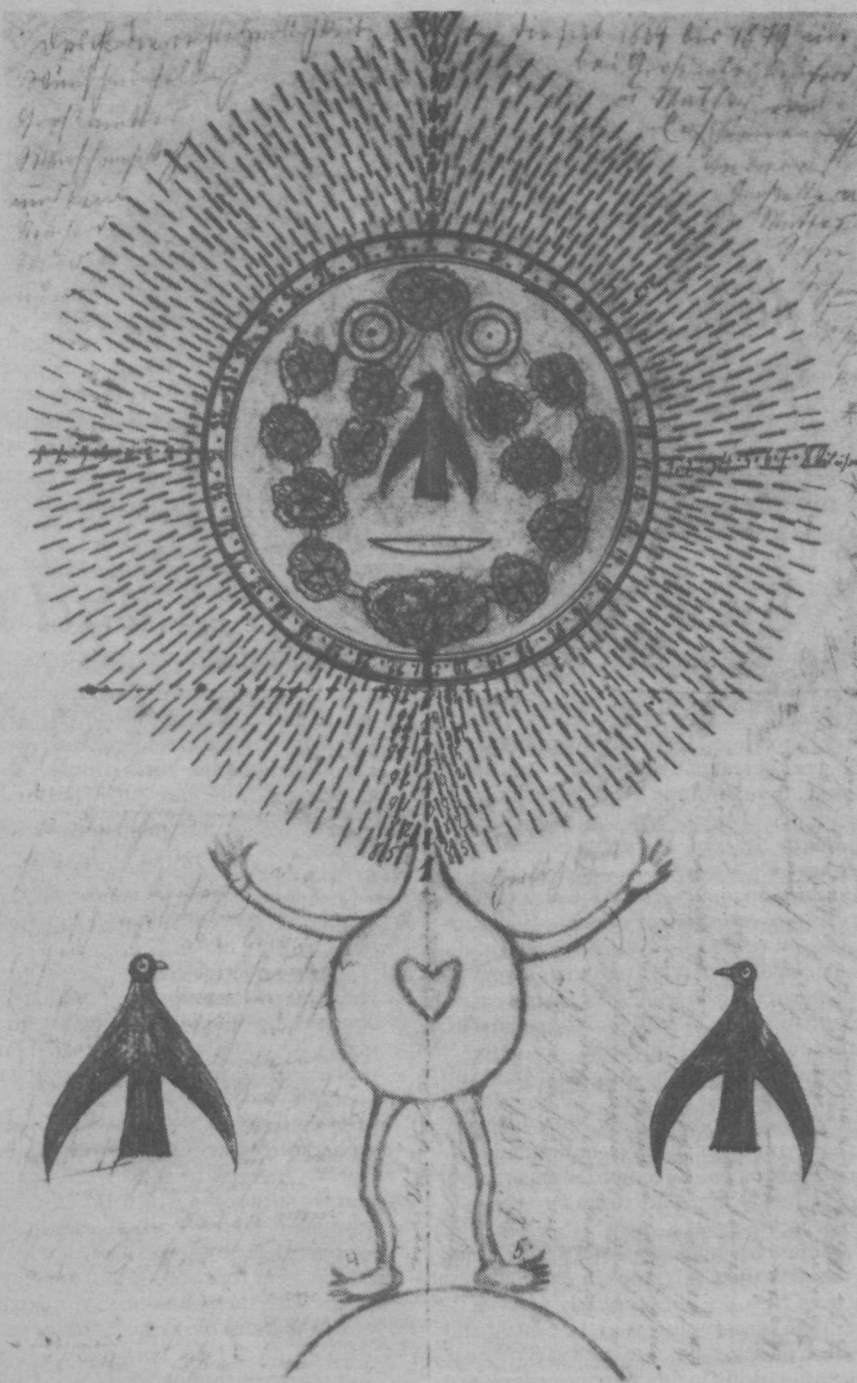
Scottish Country Dancing. Everyone welcome. Teaching for beginners is 8-10 p.m. Sundays, except the 1st week of every month. We meet Mondays, 8-10 p.m. at 213 S. Geneva Street. For more information call 272-6229.

Country Dancers

The Country Dancers meet each Tuesday 7:30-9:30 p.m. in Martha Van Rensselaer Hall (lobby near "Martha's") for English and contra dancing. No partners needed. Beginners welcome—each dance is taught. For more information call Connie at 272-1931.

Israeli Folk Dancing

Israeli Folk-Dancing every Thursday from 8-11 p.m. in the One World Room. Anabel Taylor Hall. Teaching from 8-9 p.m.; requests, 9-11 p.m. Call Sharon at 272-4176 for more information.



"Monstrance Figure" by Johann Knopf, done in pencil, colored pencil and pen on paper is one of the "Selected Works from the Prinzhorn Collection" now on exhibit at the Herbert F. Johnson Museum of Art.

no partners needed, beginners welcome. For more information please call 257-3156.

tionalized 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, 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.

Thursday

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

Friday

May 17, 7:30 p.m. •Statler Auditorium.

May							1984						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
			1	2	3	4	5						
6	7	8	9	10	11	12							
13	14	15	16	17	18	19							
20	21	22	23	24	25	26							
27	28	29	30	31									

"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.

Monday

May 20, 8:00 p.m. •Uris Auditorium. "Shadow of a Doubt", (1943), directed by Alfred Hitchcock, with Teresa Wright and Joseph Cotten. Limited.

Tuesday

May 21, 8:00 p.m. •Uris Auditorium. "Dog Day Afternoon", (1975), directed by Sidney Lumet, with Al Pacino and John Cazale. Limited.

May 21, 8:00 p.m. •Central Casting. "Zoot Suit", (1982), directed by Luis Valdez, with Edward James Olmos and Tyne Daly. Limited.

Wednesday

May 22, 8:00 p.m. •Uris Auditorium. "Midnight Cowboy", (1969), directed by John Schlesinger, with Dustin Hoffman and Jon Voight. Limited.

Thursday

May 23, 8:00 p.m. •Uris Auditorium. "Providence", (1977), directed by Alain Resnais, with Sir John Gielgud and Ellen Burstyn. Open.

Friday

May 24, 8:00 p.m. •Uris Auditorium. "Casablanca", (1942), directed by Michael Curtiz, with Humphrey Bogart and Ingrid Bergman. Limited.

May 24, 10:30 p.m. •Uris Auditorium. "Play It Again, Sam", (1972), directed by Herbert Ross, with Woody Allen and Diane Keaton. Limited.

Saturday

May 25, 8:00 p.m. •Uris Auditorium. "Play It Again, Sam", (1972), directed by Herbert Ross, with Woody Allen and Diane Keaton. Limited.

May 25, 10:00 p.m. •Uris Auditorium. "Casablanca", (1942), directed by Michael Curtiz, with Humphrey Bogart and Ingrid Bergman. Limited.

Sunday

May 26, 8:00 p.m. •Uris Auditorium. "A Night at the Opera", (1935), directed by Sam Wood, with the Marx Brothers. Limited.

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. as of June 7. Until then, Services will continue to begin at 6:00 p.m.

Friday

May 17, 6:00 p.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Egalitarian Minyan.

May 17, 6:00 p.m. Anabel Taylor Chapel. Shabbat Services, Reform Minyan.

Saturday

May 18, 9:15 a.m. Edwards Room, Anabel Taylor Hall. Shabbat Services, Orthodox Minyan.

May 18, 10:00 a.m. Founders Room, Anabel Taylor Hall. Shabbat Services, Egalitarian Minyan.

Sunday

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

May 26 NO SERVICE

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.

Seminars

Africana Studies Center: "The Comrades and the Countryside: The Political Economy of Agricultural Policy in Zimbabwe," Michael Bratton, Political Science, Michigan State University noon Thursday, May 16, Hoyt Fuller Room of the Africana Studies and Research Center, 310 Triphammer Road.

Biophysics: "Z-DNA and Z-RNA," Dr.

Tom Jovin, Max-Planck-Institute, Gottingen, 4:30 p.m. Wednesday, May 22, 700 Clark Hall.

Boyce Thompson Institute: "Differentiation of the Spores of Rust Fungi," Dr. L. Epstein, BTI, 3:15 p.m. Wednesday, May 22, BTI Auditorium.

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.

Genetica and Development: "Ras Function in Yeast," Dr. Kelly Tatchell, Department of Biology, University of Pennsylvania, 4 p.m. Monday, May 20, 108 Bradfield Hall.

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

Neurobiology and Behavior: "New Neurons in Old Brains: Ongoing Neurogenesis in Adult Canaries?" Dr. John Patton, the Rockefeller University, 12:30 p.m. Thursday, May 16, Morison Seminar Room, Corson/Mudd Hall.

Physiology: "Effects of Prostacyclin on Bone Calcium Uptake," Dr. William Bergstrom, Pediatrics, Upstate Medical Center, Syracuse, 4:30 p.m. Tuesday, May 21, G-3 Veterinary Research Tower.

Rural Development Committee: "A Share of the Plow; The Organization of Peasant Production in Zimbabwe," Michael Bratton, Political Science, Michigan State University, 12:15 p.m. Friday, May 17, 204 Uris Hall.

Sports

Saturday

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

May 25 a.m. Inlet Flood Control. Men's Heavyweight Crew-Pennsylvania.

50 Join Protest Wednesday Outside Day Hall

Continued on Page 1

in front of the backhoe and locked their arms in an attempt to prevent dismantling of the shanties.

After the confrontations and subsequent discussions between the protestors and Dean of Students David Drinkwater, university officials decided to postpone action to tear down shanty town.

"Cornell University prefers a non-confrontational resolution of the dangerous situation that exists in the shanty town area behind Day Hall," the university said in a statement issued late Saturday morning.

"Because of the potential for injury ... the removal actions were suspended."

"From the very beginning of the demonstrations, space has been offered in Willard Straight Hall, one of the highest traffic areas on campus, but the offers have been rejected by the protest leaders in favor of the back lawn of Day Hall," the statement added.

"Life safety and health concerns have been primary from the outset, and Friday's accidental fire only underscores the potential danger to life and property. We are thankful that the fire did not break out overnight while someone was sleeping there."

The protestors said they would not sleep in the shanties, and would restrict smoking, cooking, and other potential fire hazards to certain areas. The fire department and university orders for removal were still in effect Wednesday, however as administrators and protestors tried to resolve the situation.

Chronology Of Protest

The following is a chronological summary of the anti-apartheid, pro-divestment activities.

THURSDAY, APRIL 18: Demonstrations began with about 75 people shouting "divestment now" as they entered Day Hall during the noon hour. After 5 p.m., 143 students who refused to leave the building were charged with violating the campus code of conduct by interfering with the functioning of the university.

FRIDAY, APRIL 19: 190 protestors were taken into custody after a demonstration that repeated Thursday's pattern.

SATURDAY, APRIL 20: No sit-in.

SUNDAY, APRIL 21: No sit-in.

MONDAY, APRIL 22: 211 protestors were charged in the third day of sit-ins. A group of protestors used cardboard, wood, plastic, and other materials to build a "shanty town" on the west side of Day Hall. University officials announced that students arrested a third time will be temporarily suspended, pending a hearing. Repeat offenders and non-Cornellians will be referred

to Ithaca City Court on trespass charges, officials added.

TUESDAY, APRIL 23: 130 protestors, including 14 Cornell faculty and two staff members, were charged.

WEDNESDAY, APRIL 24: 367 protestors, including 17 faculty and 19 staff members, were taken into custody. Two students who were charged for the third time were temporarily suspended.

THURSDAY, APRIL 25: 24 protestors, mostly students, were charged. Another 125 demonstrators left Day Hall before being arrested after it was announced that the university switchboard operator had received a bomb threat concerning Day and Hollister halls. A search of the buildings found no explosive devices.

FRIDAY, APRIL 26: No arrests were made as more than 400 protestors left Day Hall voluntarily and walked to the Ag Quad to await a ruling from the university review board on two student suspensions. The board, in a two-part ruling, found that the suspension policy was proper when it was announced, but that the suspensions should be lifted because they did not deter further demonstrations.

SATURDAY, APRIL 27: No sit-in; shanty town remained.

SUNDAY, APRIL 28: No sit-in; shanty town remained.

MONDAY, APRIL 29: 67 protestors, including 16 faculty, were arrested when they refused to leave Day Hall after 5 p.m. A planned boycott of classes as part of a national "no business as usual day" had no apparent effect.

TUESDAY, APRIL 30: No arrests were made; 24 protestors left Day Hall voluntarily at closing time.

WEDNESDAY, MAY 1: 63 protestors were taken into custody, including 14 students who, as third-time offenders, were temporarily suspended. Faculty members present at a special meeting voted 323-72 to ask Cornell to divest from companies that do business in South Africa "in as expeditious a manner as possible."

THURSDAY, MAY 2: For the first week-day since April 18, there was no sit-in at Day Hall. An evening hearing by the Proxy Review Committee was disrupted when nearly 200 protestors left over a disagreement about time allocated to speakers.

FRIDAY, MAY 3: There was no sit-in at Day Hall. Protest leaders met with President Frank Rhodes, William Gurowitz, vice president for campus affairs, and Joseph Bugliari, dean of faculty. The protestors urged Rhodes to endorse an immediate freeze on further university investment with companies that do business in South Africa. Rhodes said that the suggestion of an "immediate freeze" until a decision is made on the university's future investment policy "seems to be worthy of study." The university re-

view board lifted the 14 temporary suspensions issued May 1.

SATURDAY, MAY 4: The University Hearing Board cleared 42 students who were charged during the first day of sit-ins. The board ruled 3-2 that the students were guilty of violating the campus code of conduct, but that they acted in good faith, believing they could remain in Day Hall under the statement of student rights in the university's code of conduct.

SUNDAY, MAY 5: The University Hearing Board adjourned without taking action on other students charged during the sit-ins.

MONDAY, MAY 6: No sit-in; shanty town remained.

TUESDAY, MAY 7: No sit-in; shanty town remained.

WEDNESDAY, MAY 8: About 150 protestors gathered outside Willard Straight Hall to resume their call for divestment. The main entrance to the student union was blocked for several hours by the protestors, who then left peacefully.

The Proxy Review Committee announced that it voted to support a shareholder proposal asking the Texaco Company to oppose influx control regulations more actively and shareholder proposals asking Ford and General Motors to not sell motor vehicles to the South African military, police, or government agencies. Also, the committee announced it "is giving serious consideration" to recommending a freeze on additional university investments with companies doing business in South Africa until a decision is made on future investment policy.

THURSDAY, MAY 9: No sit-in; shanty town remained.

FRIDAY, MAY 10: One of several shan-

Assembly Agriculture Unit Plans Hearing

Agriculture is New York state's leading industry. With cash receipts totalling about \$3 billion in 1984, the agriculture industry in New York contributes significantly to the economic base of the state's rural communities.

Competition for access to major markets is keen, and recent declines in the agriculture industry have been traced to imported food products. Should export markets be developed further? Could New York's farmers benefit from a program that helps them develop marketing methods and skills? What consumer education programs should be expanded?

Those are some of the questions being asked by the State Assembly's subcommittee on agricultural marketing, which will conduct a public hearing on campus Friday, May 17. The hearing, from 10 a.m. to 4 p.m., will be in the auditorium of Boyce Thompson Institute on the Cornell University campus.

ties behind Day Hall was destroyed by a late-morning fire believed to have started accidentally in a sleeping area. The Ithaca City Fire Department ordered that combustible materials in shanty town be removed because of the fire hazard, and Cornell revoked the protestors' permit for shanty town.

In City Court, Acting Judge John Sherman dismissed the trespass charges filed against about 180 students, 10 faculty and staff, and 50 non-Cornellians who participated in the sit-ins.

The Proxy Review Committee returned to campus to meet with a steering group of students and faculty who had participated in the anti-apartheid demonstrations.

SATURDAY, MAY 11: An attempt to dismantle shanty town was suspended by Cornell officials when about one dozen protestors blocked buildings and grounds crews and equipment. After discussions between the protestors and city fire officials, hazardous materials were removed and the protestors agreed to not sleep at shanty town overnight.

SUNDAY, MAY 12: Shanty town remained, in violation of university policy.

MONDAY, MAY 13: Shanty town remained, in violation of university policy. William Herbster, senior vice president, and Gurowitz discussed possible alternatives to shanty town with the protestors.

TUESDAY, MAY 14: Shanty town remained, in violation of university policy. Administrators and protestors continued to discuss alternatives to shanty town.

WEDNESDAY, MAY 15: Shanty town remained, in violation of university policy. Administrators and protestors continued to discuss alternatives to shanty town. About 50 protestors gathered outside Day Hall during noon hour to continue their call for Cornell to divest.

Graduate Bulletin

The next regular meeting of the Graduate Faculty will be held at 4 p.m. Friday, May 31, at Sage Graduate Center. The purpose of the meeting is to vote on the degree list.

May 24 is the deadline for submission of all materials for a June degree. No exceptions to that 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. Registration must be in person at the Graduate School office. Student ID is required for validation of the SGR form.

Number 19

Cornell University

University Personnel Services
Day Hall
Ithaca, New York 14853
607/256-5226

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) 256-5226.

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 256-6200 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.

ly. Experience using Lotus 1-2-3 and/or dBase III on IBM PC. Please send cover letter and resume to Esther L. Smith by May 31, 1985.

Minimum Starting Salary: \$13,625
Job Number: PC194

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. Familiarity 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 sev-

Please Post

May 16, 1985

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Director of Class Affairs
Department: Alumni Affairs

Description: Develop and direct operational policies and plans for overall Cornell Class Programs; special units of the program involve Reunion Classes, Non-reunion Classes, and the Cornell Association of Class Officers.

Requirements: Bachelor's degree required. Five years experience in public relations, development or alumni relations. Strong organizational, communication and interpersonal skills. Cornell degree and travel required. Internal (Cornell) candidates only. Please send cover letter, resume and employee transfer form to Ralph D. Jones by May 31, 1985.

Job Number: PA197

*Position: Teaching Lab Coordinator
Department: Mechanical & Aerospace Engineering

Description: Responsible for developing and updating manufacturing-related laboratory experiments in consultation with faculty. Instruct and supervise the instruction of these experiments by teaching assistants to students in mechanical engineering and other engineering fields.

Requirements: Bachelor's degree in mechanical or manufacturing engineering or equivalent. Experience in machine shop practice and a working knowledge of electronic devices and instrumentation. Instructional and supervisory experience is desirable. Interest in computer-controlled machine tools, robotics, etc. Please send cover letter and resume to Cynthia Smithbower by May 31, 1985.

Job Number: PT1912

*Position: Residence Area Coordinator Band II
Department: Residence Life

Description: Supervise five Residence Hall Directors, direct all staff training, coordinate program development, assist in policy development and implementation and in program budget development for an area of 1,200 graduate and undergraduate students.

Requirements: Master's degree in education—counseling, higher education administration or closely related field is desirable. Basic understanding of human development in an educational setting and three to five years live-in residential experience is essential. The successful candidate will possess highly developed multicultural programming, staff selection, counseling, communication, training and supervisory skills. Please send cover letter and resume to Ralph D. Jones by May 31, 1985.

Job Number: PA199

*Position: Executive Assistant Manager—Controller

Department: Statler Inn
Description: Responsible to the General Manager for the effective and efficient day-to-day operation of Statler Inn, including the fiscal transactions and the accountability of funds and materials acquired or used by Statler Inn departments.

Requirements: Bachelor's degree in business or accounting required; Master's degree preferred.

Experience in the hospitality industry and fund accounting desirable; must be high-energy individual, computer literate, who seeks expanded career opportunities. Please send cover letter and resume to Ralph D. Jones by June 15, 1985.

Job Number: P1910

*Position: Assistant Coordinator of Education
Department: Herbert F. Johnson Museum of Art

Description: Assist the Coordinator of Education in planning, development, implementation and evaluation of museum's education programs.

Requirements: Bachelor's degree in related area—museum education or equivalent. Previous teaching experience in museum education and/or art related programs is necessary. Good interpersonal and communication skills required. Ability to work independently. Willingness to work flexible hours. Please send cover letter and resume to Ralph D. Jones.

Minimum Starting Salary: \$13,625

Job Number: PA198

*Position: Administrative Manager I
Department: International Agriculture

Description: Under general supervision, responsible for management activities including administrative duties in the areas of personnel, budget and accounting. Provide staff support to Directors as requested.

Requirements: Bachelor's degree. One to three years administrative office supervisory responsibility and three to five years accounting—budget experience. Good verbal and written communication skills. Knowledge of Cornell accounting system helpful. Experience with computerized accounting and database management techniques preferred. Please send cover letter and resume to Ralph D. Jones by May 31, 1985.

Job Number: PA193

*Position: Student Development Specialist III
Department: Career Center

Description: Will serve as a career counselor providing individual career counseling to college students, supplemented by vocational interest inventories to help students explore their interests, values, and abilities in formulating their academic and career plans.

Requirements: Master's degree in counseling, psychology or related area. Experience in career counseling of college students; knowledge of vocational interest inventories, particularly the Strong-Campbell. Please send cover letter and resume to Ralph D. Jones by May 31, 1985.

Job Number: PA1911

*Position: Administrative Manager I
Department: University Admissions Office

Description: Assume responsibility for the direction of administrative and financial areas of the unit, including payroll, purchasing, budgeting, and the management of departmental accounts, the inventory of supplies and materials, the coordination of all searches for new staff and the processing and maintenance of all personnel records, and the supervision of all clerical (non-processing) staff. Also prepare statistical reports detailing admissions activity as well as the University Admissions master calendar and will be responsible for supervising the UAO receptionists. The Administrative Manager will report directly to the Director of University Admissions. This position will sometimes require evening and weekend work.

Requirements: Bachelor's degree or equivalent. Three years administrative or supervisory experience. Knowledge of finance, accounting, budgeting and personnel policy. Excellent communication, organizational and interpersonal skills required. Computer and word processing familiarity helpful. Internal (Cornell) candidates only. Please send cover letter, resume and employee transfer form by May 31 to Ralph D. Jones.

Job Number: PA196

*Position: Health Associate I

Department: University Health Services

Description: Using health associate physician approved guidelines, provide primary health care to university students, faculty and staff members. Emphasis is placed on continuity of care, health education, health maintenance and preventive care.

Requirements: New York State RN—PA license and a graduate of an accredited NP—PA program required. Experience and professional certification preferred. Please send cover letter and resume to Ralph D. Jones by June 30, 1985.

Job Number: PA191

*Position: Physical Therapist

Department: University Health Services

Description: Evaluate and treat orthopedic and sports related problems. Responsible for planning and implementing physical therapy programs for referred patients. Maintain appropriate records in compliance with ethical and legal standards. Participate in in-service programs as appropriate. Participate in ongoing projects.

Requirements: Bachelor's degree or equivalent. Registered Physical Therapist in New York State required. Certification by National Athletic Trainer's Association preferred. Please send cover letter and resume to Ralph D. Jones by June 15, 1985.

Job Number: PA1913

*Position: Data Analyst

Department: Bursar

Description: Coordinate all data processing functions for the Bursar, Cornellcard, and Loan Systems. Responsible for diagnosing and resolving all suspense items for Bursar and Cornellcard. Implementation of production schedule; assist with Lockbox and cash problems; assist Assistant Bursar in all special projects. Maintain all data, detail audit, and subcode files.

Requirements: Associate's degree in business, data processing, or related area. Working knowledge of data processing; well organized; good problem-solving skills; excellent interpersonal skills for working with interoffice staff as well as Bursar systems users. Microcomputer knowledge helpful. Please send cover letter and resume to Cynthia Smithbower by May 31, 1985.

Minimum Starting Salary: \$13,625

Job Number: PT192

*Position: Accountant I

Department: Electrical Engineering

Description: Work on special projects under the direction of the Administrative Manager. Update sponsored research accounts; develop inventory control system for school and internal budgets for school accounts. Regular, full-time one year from appointment date.

Requirements: Associate's degree in accounting or related field. At least two year's financial experience, preferably with sponsored research accounting at Cornell. Ability to work independent-

eral 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: Director of Career Services

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: Counselor-Therapist I (Repost)

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. Nine-month full time 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: 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 4 - 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: 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 in physical chemistry, materials science or chemical engineering; Master'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: 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). Nine-month appointment.

Requirements: Master's degree required. Experience in or knowledge of architecture, art or planning 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: Coordinator of Career Library

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

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, GR22

Department: Cooperative Extension Administration

Description: General supervision of support staff functions within unit. Control day-to-day financial components of the NYS 4-H Foundation; oversee budget and monitor unit funds; supervision of clerical support staff; coordinate and monitor office computerization efforts.

Requirements: Associate's degree or equivalent. Medium typing. At least five years office experience with a minimum of two years administrative and supervisory experience. Strong background in accounting. Knowledge of word processing and computer equipment necessary. Excellent organizational, interpersonal and communication skills. Ability to work efficiently with a minimum of supervision.

Minimum Starting Salary: \$13,141

Job Number: C198

*Position: Administrative Aide, GR21

Department: Veterinary Administration

Description: Assist in the coordination processing of grants and contracts generated by the College of Veterinary Medicine. Expedite research proposals, maintain central college grant and contract file which contains a great deal of confidential information on a microcomputer; add new and update old information.

Requirements: Two years of college or Associate's degree in accounting, business major or equivalent experience. Medium typing. At least two to three years office experience. Data entry and retrieval on an office computer system desirable. Budget experience.

Minimum Starting Salary: \$12,469

Job Number: C197

*Position: Accounts Assistant, GR20

Department: Veterinary Administration

Description: Use a microcomputer and standard reporting and forecasting software, prepare financial reports for the College of Veterinary Medicine. Provide assistance in data entry and financial management for the Department of Administration.

Requirements: Associate's degree or equivalent. Medium typing. Previous experience in personal computers necessary. Familiarity with Cornell accounting system helpful.

Minimum Starting Salary: \$11,739

Job Number: C1910

*Position: Administrative Aide, GR20

Department: Theory Center

Description: Provide administrative and secretarial support for the Director of Theory Center production super computer facility and PSF staff. Review and type correspondence; appointments; maintain calendar; establish and maintain filing system; bookkeeping; answer telephone. Other duties 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 (written and oral) skills.

Minimum Starting Salary: \$11,739

Job Number: C189

*Position: Administrative Aide, GR19

Department: Law School

Description: Provide administrative and secretarial support to the Trial Advocacy instructor. Prepare and distribute of class work; monitor student weekly written assignments; arrange transportation, housing and reimbursement of lawyers and judges; other duties for mock trials; use of personal computer; research cites of cases and articles.

Requirements: High school diploma or equivalent. Business or secretarial school preferred. Heavy typing. Secretarial experience. Strong interpersonal and communication skills. Ability to handle several tasks at same time.

Minimum Starting Salary: \$11,125

Job Number: C199

*Position: Office Assistant, GR19

Department: Johnson Graduate School of Management

Description: Maintain computerized subscription list for Administrative Science Quarterly journal. Process checks and invoices; handle reprint permissions, advertising and promotion and distribution of journal. Act as liaison with Post Office.

Requirements: Associate's degree or equivalent. Medium typing. Experience with Cornell accounting system and computers desirable. Excellent organizational and communication skills essential. At least one to three years office experience.

Minimum Starting Salary: \$11,125

Job Number: C192

*Position: Secretary, GR16

Department: University Development

Description: Provide secretarial support to the Business Manager and the Administrative Aide to the Director of Development Operations. Act as primary switchboard operator for Office of University Development. Type; file; other duties as assigned.

Requirements: High school diploma or equivalent. Medium typing. Some office experience. Knowledge of electronic typewriter. Excellent telephone techniques and interpersonal skills.

Minimum Starting Salary: \$9,494

Job Number: C195

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 three to five years administrative experience. Excellent organizational, interpersonal and communication skill. Knowledge of accounting, budgeting, word processor or computer helpful. Supervisory experience desirable. Please send cover letter and resume to Esther L. Smith.

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

Continued on Page 10

Job Opportunities

Continued from Page 9

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—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: Circulation Assistant, GR16 (Repost)
Department: Circulation - Uris Library

Description: Inspect knapsacks, briefcases, books, etc. of exiting patrons; answer general questions; perform a variety of clerical duties as assigned; prepare bills for bursar, collections, etc.; may assist with weekly overdue notices. Other duties as assigned. Monday - Friday, some weekend and evening hours.

Requirements: High school diploma or equivalent. Medium typing. Ability to work with a variety of people at a public service desk. Knowledge of basic accounting - billing procedures.

Minimum Starting Salary: \$9,494
Job Number: C166

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 (approximately 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: 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: Machinist, GR24 (Endowed)
Department: National Research and Resource Facility for Submicron Structures

Description: Position required technical abilities and knowledge in experimental machining, design applications, vacuum technology, heliarc welding, and electronics in order to support complex equipment and research. Monday - Friday, 39 hours a week.

Requirements: High school diploma or equivalent and strong math background. Be a journeyman machinist with eight years minimum experience in experimental and research machining. Must have own tools, be imaginative, creative, and accurate with general shop machines, and have experience with wide range materials, i.e., stainless steel, nickel, moly, copper, brass, aluminum, plastics, etc. Experience in vacuum technology, heliarc welding, metallurgical and design applications, and electronics are essential requirements. Person should have cooperative attitude, ability to self-start and work with minimum supervision. Knowledge in chemistry, plumbing, and carpentry also helpful.

Minimum Starting Salary: \$14,779
Job Number: S195

*Position: Dairy Worker, SO19 (Statutory)
Department: Animal Science

Description: Care, feed, and milk dairy animals and maintain facilities where the animals are housed. Also feed and care for dairy animals located in areas remote from central facility. Assist with routine and emergency maintenance of milking equipment and other dairy cattle equipment maintenance areas. Monday - Friday, 8:00 a.m. to 4:30 p.m., includes some weekends.

Requirements: High school diploma or equivalent, or adequate work experience. Candidates must have Class 5 NYS Driver's license, certificate for use of pesticides and three to six years directly related experience working with dairy animals. Able to lift 100 lbs, pre-employment physical required.

Minimum Starting Salary: \$5.74—hour
Job Number: S191

*Position: Lab Attendant, SO17 (Statutory)
Department: Genetics and Development

Description: Provide lab assistance to 4 lab groups by making media to grow *Drosophila*, bacterial yeasts and viruses. Oversee maintenance of department equipment recommend repairs, replacements, etc. Monday - Friday, 39 hours a week.

Requirements: High school diploma or equivalent. Some prior lab experience desirable. Must be able to work independently and make sound judgements, must learn to operate sterilizing oven, autoclave, fine balance and mixer.

Minimum Starting Salary: \$5.12—hour
Job Number: S192

*Position: Custodian, SO16 (Statutory)
Department: Buildings Care

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday 6:00 a.m. - 2:30 p.m., Friday 6:00 a.m. - 1:30 p.m.

Requirements: Ability to use a variety of heavy power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Starting Salary: \$4.84—hour
Job Number: S194

*Position: Custodian, SO16 (Endowed)
Department: Buildings Care

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Monday - Thursday 6:00 a.m. - 2:30 p.m., Friday 6:00 a.m. - 1:30 p.m.

Requirements: Ability to use a variety of heavy

power operated equipment, climb an 8' ladder and lift 50 lbs.

Minimum Starting Salary: \$4.47—hour
Job Number: S193

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

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, GR22
Department: Pharmacology

Description: Conduct experiments relating to research on acetylcholine receptors. Duties include preparing solutions, animal handling (electric rays and eels), maintaining clonal cell line, performing radioligand binding studies and calculating data, including statistical analysis, graphical representation and use of computer.

Requirements: Bachelor's degree in biochemistry, neurobiology or a similar subject. Some laboratory experience. Familiarity with centrifuges, beta and gamma counters, spectrophotometer, tissue culture and electrophoresis equipment preferred.

Minimum Starting Salary: \$13,141
Job Number: T192

*Position: Research Equipment Technician, GR22
Department: Theoretical and Applied Mechanics

Description: Design and test metal equipment using machine shop, rock machining, repair and operate Instron tension torsion serve control machine. Assist in preparation of experiments.

Requirements: Associate's degree or equivalent in electronics, mechanical technology or related field. Several years experience in either machine shop, skills, digital and analog electronics, or FORTRAN and assembly programming. Experience machining of ceramics helpful. Please send cover letter and resume to Cynthia Smithbower by May 31, 1985.

Minimum Starting Salary: \$13,141
Job Number: T196

*Position: Technician, GR21
Department: Avian & Aquatic Animal Medicine - Eastport, NY

Description: Provide assistance in virologist in microbiology laboratory and in the implementation of experiments with ducks, involving production of duck biologics.

Requirements: Associate's degree or equivalent in biology. Some experience in microbiology laboratory helpful.

Minimum Starting Salary: \$12,469
Job Number: T193

*Position: Accelerator Technician, GR20-26
Department: Laboratory of Nuclear Studies

Description: Under supervision, perform technical work related to the maintenance of an accelerator system. Duties include electrical wiring, power and control wiring, mechanical fabrication including machining and welding, plumbing, soldering, and brazing on a closed, low conductivity water system. Fabricate or modify electrical or mechanical devices working from sketches or general instructions.

Requirements: Associate's degree or equivalent in mechanical—electrical field. Considerable mechanical experience. Please send cover letter and resume to Cynthia Smithbower by May 31, 1985.

Minimum Starting Salary: \$11,739
Job Number: T194

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: 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: Secretary, GR18
Department: University Press

Description: Provide office support for managing editor and four editors. Prepare schedules; type letters; maintain records; xerox; prepare manuscripts; answer phone; read indexes. Other duties as assigned. Monday - Friday mornings, 5 hours a day.

Requirements: High school diploma or equivalent. Some college desirable. Heavy typing. Previous office experience. Excellent organization skills. Attention to detail necessary.

Minimum Starting Salary: \$10,500—annual equivalent
Job Number: C196

*Position: Technical Assistant, GR17
Department: Entomology

Description: Gather and analyze data related to insect specimens; provide laboratory assistance involving washing glassware and clean-up as well as preparation of specimens for study. Responsible for larval rearing program. Will oversee several student employees. Monday - Friday, 20 hours per week; 39 hours per week during summer field season until April 1986.

Requirements: Bachelor's degree in entomology. Knowledge of insect identification essential.

Minimum Starting Salary: \$9,967—annual equivalent
Job Number: T195

*Position: Records Assistant, GR16
Department: Catalog—Olin Library
Description: Participate in project to convert library catalog records into machine readable form using RLIN; input original catalog records in RLIN; photocopy catalog cards; sort and file worksheets; stamp shelflist cards representing completed records. Monday - Friday, 20 hours per week.
Requirements: High school diploma or equivalent. Medium typing. Ability to perform detailed and repetitive tasks accurately. Knowledge of computer input helpful. Some office experience helpful. Knowledge of or experience with foreign languages helpful.
Minimum Starting Salary: \$9,494—annual equivalent
Job Number: C1912

*Position: Records Assistant, GR16
Department: Catalog—Olin Library
Description: Participate in project to convert library catalog records into machine-readable form using RLIN; input original catalog records into RLIN; photocopy catalog cards; sort and file worksheets; stamp shelflist cards representing completed records. Monday - Friday, 20 hours per week.
Requirements: High school diploma or equivalent. Medium typing. Ability to perform detailed and repetitive tasks accurately. Knowledge of

computer input helpful. Some office experience helpful. Knowledge of or experience with foreign languages helpful.
Minimum Starting Salary: \$9,494—annual equivalent
Job Number: C1911
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-coordination 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 pro-

grams; 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 organizational skills essential. Accuracy and confidentiality are essential.
Minimum Starting Salary: \$11,125—annual equivalent
Job Number: C186

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: Associate Librarian, CA5
Department: CISER
Contact: Dr. Robert McGinnis, Director, CISER, 323 Uris Hall
Job Number: A192

*Position: Lecturers in Philosophy
Department: Philosophy
Contact: Carl Ginet, Chair, Department of Philosophy
Job Number: A191

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

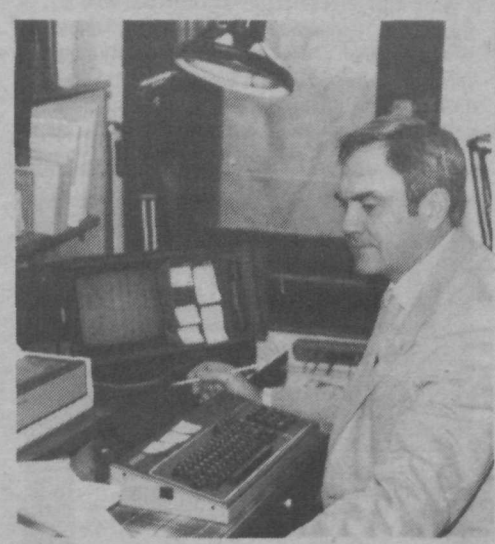
Position: Senior Extension Associate, CA8
Department: Extension and Public Service, NYSSILR, New York City Office
Contact: Dr. Donald Kane, Director of Management Programs, NYSSILR - Extension Division
Job Number: A184

28 Faculty Computer Projects Receive Project Ezra Funding

Twenty-eight faculty projects involving the use of microcomputers in instruction have been selected to receive funding support for hiring student programmers. Faculty involved in Project Ezra, an \$8 million equipment grant from IBM, and faculty developing software for Apple Macintosh computers, were grant recipients.
Faculty and their projects are:
Steve Caldwell, Sociology, "Monte Carlo Simulation Models and Real Data: Instructional Labs in the Social Sciences."
Jon Clardy, John Weisenfeld, Chemistry, "Chemical Education Software for the Macintosh."
J. Robert Cooke, Agricultural Engineering, "Microcomputer Implementation of the Finite Element Method."
Duncan Ferguson, Margarethe Hoenig, Gregory Weiland, Veterinary Pharmacology, "Sugardoggie" — A Computer Simulation of Insulin Therapy."
Howard Howland, Neurobiology and Behavior, "Image Processing in the Visual System."
John Hubbard, Mathematics, "Differential Equations and Computer Graphics."
Nancy Kaplan, Stuart Davis, Joseph Martin, Freshman Writing Seminar, "Microcomputer Applications for Writing Instruction: Interactive Correction of Student Error and Formatted Analysis of Style and Syntax."
Thomas Kelly, Richard Moore, Hotel Administration, "Introduction of an Automated Pre/Post-Production Report System for HA 331—Food Production Systems: A la Carte, Banquet, Beverage, & Service."
David Kohlstedt, Edward Kramer, Michael Thompson, Materials Science & Engineering, "Computer-Simulated Laboratory Experiments in Materials Science and Engineering."
Bruce Land, Ron Harris-Warrick, Neurobiology and Behavior, "Simulation of Bioelectric Phenomena for Beginning Neurobiology Students."
Richard Leed, Herbert Kufner, Department of Modern Languages and Linguistics, "Department of Modern Languages and Linguistics, Computer—Assisted Language Instruction."
Ann Lemley, June Fessenden-Raden, Carole Bisogni, Design & Environmental Analysis, "Evaluating Risks from Chemical Contaminants in Groundwater: Development of Interactive Microcomputer Software."
Archie MacKenzie, Architecture, "Computer Graphics Tutorials on the Logic, Ap-

plication and Design of Architectural Grammars."
Aaron Moen, Natural Resources, "Sequential Programs for Resource Management Decisions."
Mark Nelkin, Applied & Engineering Physics, "Software Development for Teaching Engineering Physics."
Karl Niklas, Dominick Paolillo, Plant Biology, "Dynamic Aspects of Structure and Reproduction: Paradigms of Problem Solving for Integrative Learning."
Ralph Obendorf, Agronomy, "Grain Crops Management Teaching Modules."
Steven Pacenka, Center for Environmental Research, "A Graphics Subroutine Library for Pascal Program Development at Cornell."
William Philpot, Larry Brown, Warren Philipson, Civil Engineering, "Development of Instructional Image Processing Software for the IBM PC/AT."
Christopher Pottle, Electrical Engineering, "Personal Computers as Laboratory Instruments in the Junior Year Electrical

Engineering Laboratory Course."
Richard Rand, Theoretical and Applied Mechanics, "Math 293-294."
Anthony Reeves, Electrical Engineering, "Image Processing and Computer Vision."
Sidney Saltzman, City and Regional Planning, "Implementation of the Comparative Analysis Program on Microcomputers."
Terry Smith, Pascal Otenacu, Animal Science, "Sequential Programs for Resource Management Decisions."
Tammo Steenhuis, Agricultural Engineering, "Developing Computer Software for Instruction in Water Management."
William Trochim, Human Services Studies, "Refinement and Documentation of the CONCEPT SYSTEM: A Computer-Assisted Conceptualization System."
Mark Turnquist, Dean's Office, "Software Utilities for Networked Workstations."
Paul Velleman, Economic & Social Stat., "The Data Desk, a Statistics and Graphics Package for the Macintosh Personal Computer."



Professor of Natural Resources Aaron Moen is one of the researchers using microcomputers for instructional purposes.

Seven Cornell Faculty to Give Presentations at IBM Conference

Seven Cornell faculty members have been selected to make presentations in an Advanced Education Project Conference sponsored by IBM in Alexandria, Va., June 22-26. More than 100 faculty members from 18 universities will present their work involving microcomputers in instruction.
The presentations given by Cornell faculty have developed from their involvement in Project Ezra, an \$8 million hardware grant administered by IBM's Academic Information Systems group.
Cornell faculty presenting at the conference are:
Daniel J. Aneshansley, Electrical and Agricultural Engineering, "Laboratory Workstations in Electrical Engineering."
Richard Conway, Graduate School of Management, "Cellular Simulation Systems."
J. Robert Cooke, Agricultural Engineering, "An Interactive Graphics User Interface for Finite Element Analysis."
John R. Hubbard, Mathematics, "Teaching Differential Equations on a Microcomputer."
Archie B. MacKenzie, Architecture,

"Computer Graphics Tutorial on Architectural Grammars."
Slava Paperno, Department of Modern Languages and Linguistics, "Lexical Functions as a New Tool in Designing Computer Assisted Language Instruction Systems."
Tammo S. Steenhuis, Agricultural Engineering, "Computer Software for Instruction in Water Management."
Project Ezra is one of 18 Advanced Education Projects sponsored by IBM in leading universities. The goals of Cornell's project are to develop advanced and innovative instructional software; to determine where, and with what facility, suitable configured workstations may be used to improve the efficacy of academic computing; to analyze both the potential and the limits of an environment combining mainframes and workstations to deliver academic computing; and to investigate ways for integrating individual efforts through appropriate networking strategies.

Nuclear Studies

Continued from Page 2

(SSC), which could be the largest and most expensive scientific instrument in history.
McDaniel retires this year after 18 years as director of the Laboratory of Nuclear Studies. He has been a member of the Cornell physics faculty for 39 years and will continue as a professor at Cornell. He will also continue his active role in the national high-energy physics program as chairman of the Board of Overseers for research and development of the SSC.
The 40,000-GeV proton-antiproton colliding storage ring may be built as the next major national accelerator facility in the United States. McDaniel, who guided Cornell's Laboratory of Nuclear Studies during some of its most productive years, was responsible for construction of the university's present 12 GeV electron synchrotron. When completed in 1968, it was, for many years, the highest energy accelerator of its kind in the world.
Leon Lederman, director of the Fermi National Accelerator Laboratory, and Robert R. Wilson will be the banquet speakers.
(More information on accomplishments of the Laboratory of Nuclear Studies and on prominent figures in its history will appear in next week's Chronicle.)

Brief Reports

Summer Hours Listed For Transportation Services

Summer hours for bus and related transportation services here have been announced.

The Blue Light Bus Service will operate through exam week, suspending operation for the summer at the end of the regular runs on Friday, May 24.

Ithaca Transit's route 2A will operate Friday and Saturday nights during the summer months beginning Monday, May 20. Route 2A provides evening service until 1:17 a.m. between Cornell, downtown Ithaca, and Ithaca College.

The West Campus Bus will operate on its normal schedule through May 24.

Summer hours are now in effect at the Traffic Bureau, according to Sally Van Eten, bureau manager. The office is open from 8 a.m. to 4 p.m. Monday through Friday. The Traffic Bureau is located at 116 Maple Ave.

Project Ezra Participants Plan Celebration Friday

Project Ezra participants are invited to join IBM and Cornell Computer Services in a wine and cheese celebration from 3 to 5 p.m. Friday, May 17, at the Andrew Dickson White House. David Sorenson, manager of special academic projects for IBM's Academic Information Systems Organization, will be a special guest at the gathering.

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CORNELL UNIVERSITY SCHOOL OF HOTEL ADMINISTRATION

Hotel, Restaurant Quarterly Congratulated by Reagan

The editors and staff of the Cornell Hotel and Restaurant Administration Quarterly have received a letter of congratulations from President Ronald Reagan in recognition of the publication's 25th anniversary.

The president's letter says that "The Quarterly has made a significant contribution as a source and guide for those who play a key part in the planning of our tourism industry ... In addition, you have helped leaders of the industry promote good relations with other nations ..."

First distributed to guests attending the 1960 Hotel Ezra Cornell weekend staged by the students in the School of Hotel Administration, the quarterly now has a world-wide circulation of 7,000. It is considered the leading professional journal in its field.

Joan S. Livingston has served as its executive editor since 1981. The other members of the staff are Glenn Withiam, managing editor; Louise Ahl, assistant editor; Linda Van Berkum, sales director; and Bertha Hubbell, head of circulation.

Graduate Student Wins Fulbright to Iceland

Elizabeth Rowe, a third-year graduate student at Cornell, has been awarded a Fulbright grant to study medieval manuscripts in Iceland. Rowe is one of approximately 2,500 Americans being sent abroad for the 1985-86 academic year under the Fulbright exchange program.

Established in 1946 under congressional legislation introduced by former Senator J. William Fulbright of Arkansas, the program is designed "to increase mutual understanding between the people of the United States and the people of other countries." Scholarships are awarded to American graduate students, teachers, and professors, to study, teach, lecture, and conduct research abroad, and to foreign nationals to engage in similar activities in the United States.

Individuals are selected on the basis of academic and professional qualifications, plus their ability and willingness to share ideas and experiences with people of diverse cultures.

In the past 38 years, more than 51,000 Fulbright winners from the United States have gone to some 126 nations and over 95,000 foreigners have studied and taught in this country. Scholarships are awarded through open competition with final selections made by the presidentially appointed Board of Foreign Scholarships.

International Museum Day Is This Saturday

International Museum Day will be celebrated at the Herbert F. Johnson Museum of Art from 11 a.m. to 1 p.m. on Saturday, May 18. The education department has planned free activities to commemorate this day, first proclaimed in 1977 by the International Council of Museums.

Two new exhibitions will be open for viewing: "Selected Works from the Prinzhorn Collection" and "The Arts and Crafts Movement in New York State: 1890s-1920s."

In conjunction with the Arts and Crafts show, Penny Dietrich and Suzette McAvoy of the education department will conduct a stenciling workshop. Participants will design, cut, and paint their own stencils.

A display in the lobby will feature museums designed by the internationally renowned architect I. M. Pei, who also designed the Johnson Museum.

As a finale, museum staff will serve free lemonade and spice cake in the shape of the museum.

Tennis Bubble To Be Open For Night Play in Summer

The Tennis Bubble will be open for night play June 25 through Aug. 4 on Tuesdays, Thursdays, and Sundays from 9 p.m. to 1 a.m. Rates will be \$6 per hour for students, \$8 for members, and \$10 for faculty and staff.

Tennis lessons will be available throughout the summer at \$25 for 10 lessons for beginning or intermediate players. Head tennis coach Steve Medoff will give three evening sessions: June 3 to 14, July 8 to July 19, and July 22 to Aug. 2. Additional details are available by calling 256-4662 or 257-4584.



Select Benefits information, workbook and enrollment form will arrive in late May. The enrollment period has been extended until June 14, 1985.

Wilson Asks Local Cable Upgrade For High-Speed Communication

Upgrading the local cable television system for high-speed, two-way data communication would make Tompkins County more attractive to major industries and businesses, for example, by allowing their computers and those on the Cornell campus to "talk" to each other.

Nobel Prize-winning physicist Kenneth G. Wilson told the City of Ithaca TV Cable Commission Tuesday night that such an upgrading would "move Ithaca into the future," making the community ready for new communications technologies as they become available.

The cable commission is seeking opinions from local users before renewing the local cable franchise, which currently provides only one-way video signals.

With the proper electronics equipment, the same cable lines could also carry high-speed, two-way data communications, says Wilson, the James A. Weeks Professor of Physical Science at Cornell. He is also direc-

tor of the university's Center of Theory and Simulation in Science and Engineering.

Cornell was recently designated by the National Science Foundation as one of four advanced scientific computing centers. The supercomputer to be built here with federal and industrial support is one of the world's most advanced machines. The award of the supercomputer to Cornell is expected to draw attention to the more general high technology capabilities of the upstate New York area.

"Telephone lines will not carry information fast enough," Wilson told the cable commission. "In order for off-campus users to take advantage of the on-campus computers, they will need the higher capacity lines that a two-way cable system could provide."

He noted that the university is now upgrading its own voice, video, and data communications capabilities as part of a \$17 million telecommunications project.



Soon-to-retire Professor of Environmental Education Richard B. Fischer, left, his Field Natural History class, and Circle Greenway director Elizabeth Mulholland share a laugh as Harold "Bud" Gerkin plants a shad tree to honor Fischer for helping establish the Six Mile Creek Wildflower Preserve, in the background, some 15 years ago. For 32 years, Fischer has been bringing Cornell classes to the natural area, which is now part of the eight-mile Circle Greenway trail system through Ithaca and the campus.