

Cornell Chronicle

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Geologists Find 'Suture' That Left Florida Here When Africa Separated

BY ROGER SEGELKEN

Miles beneath the coastal plain of Georgia, Cornell earth scientists have found the "suture" where a piece of western Africa — now known as Florida — was left stuck to North America when the continents drifted apart and the Atlantic Ocean formed some 200 million years ago.

Their finding, made with seismic reflection surveys, marks the first time a deeply buried suture zone formed from colliding continental plates has been located precisely. The Cornell scientists have also gained clues to the structure of the Atlantic Ocean's margins.

Results of the research, which is sponsored by the National Science Foundation, were announced at a recent Geological Society of America Penrose Conference in Nova Scotia.

For Cornell geophysicists and others studying movement of Earth's crust (the science known as tectonics), their task is like trying to reassemble a jigsaw puzzle that was broken apart many millions of years ago. The pieces are widely scattered, deformed, or apparently missing. Sometimes the pieces of continents and ocean basins are hidden under a veneer of sedimentary strata added later to the jigsaw puzzle table.

Beneath the accumulated sediments in Georgia's coastal plain was where the missing edge of Florida was hiding. Unable to peel back the veneer, the Cornell research team turned to seismic profiling images returned from Earth's "deep basement."

Seismic signals, the vibrational energy generated by a fleet of specially equipped trucks operated by the Consortium for Continental Reflection Profiling (COCORP), echo off geologic features as much as 30 miles below the surface. The survey technique, similar to sonar and first used in petroleum exploration nearer the surface, gives earth scientists important information on conditions far beyond the reach of drilled wells.

COCORP surveys that began in 1984 and

continue this year have penetrated the thick layer of sediment that now covers the coastal plain from Florida to the southern Appalachian Mountains. Earlier, geologists who were restricted to evidence that can be seen on the surface or drawn from wells had determined that Florida is underlain by the same crust that is found in Africa. Fossil and magnetic evidence show that Africa and North America collided about 250 million years ago, forming the Appalachians in the U.S. and the Mauritanides in west Africa.

"When the Atlantic opened, as it continues to do even today, it opened along the old collision zone — except that it left Florida behind," explains Doug Nelson, a research associate with COCORP.

The buried suture zone was found to coincide with an east-west band of magnetic "lows" known as the Brunswick Magnetic Anomaly. This area of unusually low reading in Earth's magnetic field stretches from the coast off Georgia to southern Alabama.

If the Brunswick anomaly corresponds so well with the suture zone beneath the continent, the Cornell geophysicists reason that other similar anomalies should also give clues to the giant jigsaw puzzle of drifting plates and opening oceans. One particularly close fit is the East Coast Magnetic Anomaly, which generally follows the outline of North America's East Coast about 50 to 100 miles offshore, and the West Africa Coastal Magnetic Anomaly.

"Offshore, the Brunswick Anomaly appears to be continuous with the East Coast Magnetic Anomaly," Nelson told other earth scientists at the meeting in Halifax. "This implies that the East Coast Magnetic Anomaly marks not only the present continental-oceanic crustal transition, but also the northward continuation of the Late Paleozoic suture between North America and Africa."

Finding one piece of the puzzle sometimes leads to others.



COCORP Research Associate Doug Nelson, left, and Char-Shine Liu, a post-doctoral associate, with data showing the African suture under Georgia.

Non-Proliferation Effort in Danger from Politics, Cornellian Says

International efforts to prevent the spread of nuclear weapons are facing "potentially crippling problems" that could threaten world stability, according to a Cornell political scientist.

The intrusion of extraneous political issues and concerns about the reliability of safeguards against nuclear weapons development are endangering decades of effective non-proliferation efforts, according to Lawrence Scheinman.

"The time has come for the United States to reassert its leadership and again treat non-proliferation as an essential component of national security," said Scheinman, a critic of current U.S. policy. "Otherwise, attempts to prevent other nations from acquiring nuclear weapons will fail. Proliferation is as dangerous as the arms race between the superpowers; we tend to overlook that fact."

Scheinman stressed that the superpowers must exert special influence over their allies

Lawrence Scheinman spoke at a Brookings Institution program on nuclear non-proliferation recently in Washington. Among other participants were Vice President George Bush and Gerard Smith, chief U.S. negotiator for the SALT I agreement. Scheinman also participated in a recent Aspen Institute program on non-proliferation held in Berlin.

for non-proliferation to be successful, emphasizing that despite serious U.S.-Soviet tensions in a number of areas, their cooperation in supporting non-proliferation is exceptionally strong and persistent.

The core of the nonproliferation movement is the Vienna-based International Atomic Energy Agency. Created in 1957, the IAEA conducts about 2,000 inspections a year to determine whether signers of the non-proliferation treaty or other agreements are abiding by their pledges to not develop nu-

clear weapons. In exchange, IAEA facilitates access to nuclear energy technology and assistance to countries seeking to develop peaceful nuclear energy programs.

Four of the five nuclear weapons states — the U.S., Soviet Union, United Kingdom, and France — have negotiated voluntary safeguards agreements with the IAEA for their peaceful nuclear facilities.

The IAEA's success depends upon its ability to assure nations that neighboring states are not developing nuclear weapons. That assurance can significantly affect the motivation a country might have for acquiring nuclear weapons, Scheinman said.

The agency, which had developed a remarkable reputation for technical objectivity and competence in its early years, has increasingly become an arena in which extraneous political issues are taken up, Scheinman said. The use of the IAEA as a political platform is hindering the agency's ability to

Continued on Page 4

Preliminary Injunction Granted To Cornell on 'Shanty Town'

State Supreme Court Justice William N. Ellison has granted the university's application for a preliminary injunction in the "shanty town" case. Details on page 5.

Summer Session's Week Features Variety of Musical Events

This week features a full spectrum of concerts, from classical fortepiano to jazz guitar to bluegrass banjo. The events are free and sponsored by the Division of Summer Session, Extramural Study, and Related Programs unless otherwise noted.

The 1985 Cornell Summer Shakespeare Festival opens at 8:30 p.m. Thursday, July 4, with an outdoor performance of "Macbeth." Now in its third season, the festival will present "Macbeth" and "As You Like It" (which opens July 11) in repertory Thursdays through Sundays until Aug. 11. Performances are held in Anabel Taylor Hall courtyard; in case of rain, the festival moves indoors to the Anabel Taylor Auditorium.

In conjunction with the Shakespeare festival there are noontime lectures every Tuesday on the costumes, stage, and language of the Bard. The series is held in the A.D. White House garden.

Malcolm Bilson, Cornell professor of piano, will present a fortepiano concert at 8:15 p.m. Monday, July 8, in Statler Hall Auditorium. Bilson has achieved international recognition for his concerts, which he performs primarily on "early" pianos. These are original 18th-century instruments found in museum collections or authentic fortepiano replicas, such as Bilson's typical Viennese instrument with five octaves, designed by Philip Belt, who based the replica on the concert fortepiano that belonged to Mozart.

Bilson's program will include "Sonata in B-Flat Major, K. 570" by Mozart; "Sonata in D Minor, Op. 31, No. 2" by Beethoven; "Variations in Ein Mädchen oder Weibchen wünscht Papageno sich (from Mozart's Die Zauberflöte)" by Cramer; "Adagio in B Minor, K. 540" and "Eine Kleine Gigue, K. 574" by Mozart; and "Sonata in E-flat Major, Hob. 52" by Haydn.

Tuesday's outdoor concert, July 9, will feature the Paul Robeson Performing Arts Company in a lively revue called "Le Cabaret" (see accompanying article) at 7 p.m. on the Arts Quad. This concert is cosponsored by the COSEP Prefreshman Summer Program.

Iconoclastic psychiatrist Thomas S. Szasz will discuss "The Myth of Mental Illness: The Differences between Coping with Life and Curing Disease," at 8:15 p.m., Wednesday, July 10 in the Statler Hall Auditorium. Szasz argues that there is no such thing as mental illness and criticizes the punitive way that society treats people classified as mentally ill.

Described by the New Republic as "the premier critic of his own profession," Szasz is a professor of psychiatry at the Upstate Medical Center, State University of New York (Syracuse). A native of Budapest, Hungary, he immigrated to the U.S. in 1938. He received his A.B. (in physics) and M.D.

degrees from the University of Cincinnati. He is the author of several books; his most famous "The Myth of Mental Illness," is based on his controversial position. He has also written several articles, newspaper columns, and reviews. The lecture is one in a six-week summer series.

Next week's brown-bag lunch lecture will feature Edward R. Ostrander, associate professor of design and environmental analysis. His topic, "Designing Your Life: A Psychological Look at Personal Growth," will take a look at time management, goal setting, and personal change from a philosophic position that focuses on the role of intrinsic motivation in daily living. He will discuss strategies for increasing personal direction and efficiency in addition to criteria for evaluating the humanistic realism of "going for it." The lecture begins at noon, Thursday, July 11 in G94 Uris Hall.

Thursday evening, July 11, includes two concerts. The weekly series of outdoor concerts at 7 p.m. on the Arts Quad will feature Bristol Mountain Bluegrass, bluegrass guitar, banjo, mandolin, and bass. In another concert, jazz guitarist Richard Boukas, who is on-campus as part of the CAU course, "Hot and Cool: The American Jazz Tradition," will present a concert at 8 p.m. in Barnes Hall.

In addition to the Thursday night jazz concert, five traditional and dixieland jazz bands will perform Saturday, July 13, from noon "until exhaustion" during the second annual Festival of Traditional Jazz. The festival will feature New York City jazz all-stars Carol Leigh, a blues and jazz singer, clarinetist Jack Maheu, guitarist Marty Grosz, and stride piano player Dick Wellstood.

Other entertainers will be banjo player Charlie Mussen and his "I Love Jazz Band" of Buffalo, the dixieland sounds of the "Bourbon Street Parade" of Rochester, and traditional jazz by the "Tarnished Six" of State College, Pennsylvania. Ithaca's Peggy Haine, organizer of the festival, will appear with the "Lowdown Alligator Jass Band," performing in styles ranging from New Orleans funeral dirges to Chicago dance hall favorites. The July 13 festival will be held on the Arts Quad. In case of rain, it will move to Bailey Hall.

Other events of the week include the Uris Library Tour, at 4 p.m. Monday, July 8, and later at 6:30 p.m. a walking tour of architecture on the Cornell campus (meet at the southwest archway entrance to Balch Halls). A tour of the Robison York State Herb Garden will be held at 4 p.m. Thursday, July 11. Every Friday at 5 p.m., concerts are planned on the terrace at Willard Straight Hall, sponsored by the Straight.



The Paul Robeson Performing Arts Company is here Tuesday, July 9.

'Le Cabaret' Will Be Performed By Robeson Company Tuesday

The Paul Robeson Performing Arts Company will present "Le Cabaret" at 7 p.m. Tuesday, July 9, in an outdoor performance on the Cornell University Arts Quad.

A melodic potpourri is one way to describe "Le Cabaret." The revue is a musical mixture, ranging from the best of Broadway to show-stopping numbers from their popular production of "A Tribute to Motown," written by William H. Rowland II and Sandra Smokes.

Conceived and directed by William Rowland, "Le Cabaret" moves through the '50s, '60s, '70s, and '80s with ballads, rock'n'roll, and jazz and bebop. The vocal styles range from opera to soul under the arrangements of musical director Bobby Hamilton. Like all cabarets, Tuesday night's "Le Cabaret" will be hosted by a master of ceremonies.

The Paul Robeson Performing Arts Company is the product of collective efforts and

local talent within the black community based in the Syracuse Area Landmark Theatre. The company premiered in December 1982 with "An Afro-American Christmas Carol." Named for the famous black American actor and singer, the company strives to add richness to the cultural life of the black community and the community at large, not only in Syracuse but throughout the region, according to executive director, William Rowland, who is a Cornellian.

The company was founded by Rowland and the artistic director, Roy E. Delemos. The July 9 "Le Cabaret" production is one of a series of Cornell Summer outdoor concerts on the Arts Quad at 7 p.m. every Tuesday and Thursday. "Le Cabaret" is cosponsored by Cornell's Division of Summer Session, Extramural Study, and Related Programs, and the COSEP Prefreshman Summer Program.

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Pianist Malcolm Bilson will perform Monday in Alice Statler Auditorium.

Preliminary Injunction Granted for 'Shanty Town' Area

A preliminary injunction prohibiting investment protesters at Cornell from rebuilding a "shanty town" was granted Monday by Supreme Court Justice William N. Ellison.

"A preliminary injunction is an appropriate remedy to prevent a continuing trespass," Ellison wrote in his decision. "While the First Amendment protections ... grant to us all the cherished rights to speak freely and assemble peaceably, the rights it grants are not absolute but must be balanced with the rights of others and public welfare."

The injunction will remain in effect until the lawsuit is resolved, Ellison stated in his decision, which was mailed Monday evening to the parties in the case.

The injunction was sought by Cornell on June 25, when protesters began rebuilding a shanty town on the west side of Day Hall after the original collection of huts and tents were removed from the area earlier that day.

A temporary restraining order prohibiting the construction of a new shanty town was issued June 25 by Supreme Court Justice Richard F. Kuhnen of Binghamton. On June

27, Ellison heard arguments by attorneys for Cornell and the protesters on whether a preliminary injunction should be granted.

Ithaca attorney Peter Costanza, representing the protesters, argued that the injunction would violate the demonstrators' First Amendment right of free speech. Thomas M. Santoro, associate university counsel, claimed that "the right to communicate does not include the right to confiscate."

Ellison, stating in his decision that shanty town "was disruptive of the regular routine of the university's students, employees, administration, and operation," ruled that "the action originally chosen by the defendants to make their statement is by no means the only available avenue to them."

"... the court is satisfied that the narrowly worded preliminary injunction will remedy the dangerous and unsafe situation as existed prior to 'shanty town's' unilateral destruction and at the same time it will protect the physical well-being of the university's community and of the demonstrators and will further protect the demonstrators in such other proper exercise of their First Amend-

ment rights as they may see fit," Ellison wrote.

In addition to prohibiting the construction of a new shanty town, the preliminary injunction prohibits protesters from interfering with the removal of any structures or materials from university property, employing or threatening force or violence, and inciting others to engage in acts prohibited by the injunction.

The shanty town structures, first built on April 18, were removed by Cornell on June 25.

A university permit to use the area on the west side of Day Hall for a shanty town was withdrawn May 10 after a late-morning fire destroyed one of the shanties and scorched the ivy growing on the west wall of Day Hall and shrubbery in the area.

In related developments last week, two people were charged by Cornell Public Safety. Stanley W. Dubinsky, 33, of 117 DeWitt Place, was charged with disorderly conduct, resisting arrest, and obstructing governmental administration after an incident at about 4 p.m. last Thursday (June 27), according to

Public Safety.

Dubinsky was removing yellow police caution lines around the former shanty town site and became abusive when asked to stop, officials said. Dubinsky was released on \$250 bail.

Later that night, Kofi Vanderpuye, 22, of Jamaica, N.Y., was charged with criminal mischief for defacing university property, according to Public Safety. Campus police reported that Vanderpuye was one of eight people who had been sleeping on the former shanty town site. The eight were given two minutes to remove themselves and their sleeping bags and did so, but then began marching through the area. Vanderpuye started painting slogans on the sidewalk and was taken into custody, officials said.

Vanderpuye was later released on his own recognizance.

On Saturday and Sunday nights (June 29 and 30), about one dozen protesters slept on the lawn behind Day Hall but left the area early Sunday and Monday mornings, campus police reported. No charges were filed.

Trustees Will Consider Project To House Computer Science Dept.

Two open sessions are scheduled in conjunction with committee meetings of the Cornell University Board of Trustees Tuesday, July 9, in New York City.

The Buildings and Properties Committee will meet in open session at 9 a.m. in the Vanderwerker Room, M-109, of Memorial Sloan-Kettering Cancer Center, 1275 York Ave.

The Executive Committee will meet in open session at 2 p.m. in the Executive Faculty Room, A-126, of the William Hale Harkness Medical Research Building, 1300 York Ave.

Trustees will be asked to approve a \$6.8 million project for an addition to Upson Hall to house the rapidly expanding program of the Computer Science Department. The project, if approved, would include 36,000 square feet in the newly created space, plus another 4,800 square feet of existing space to be renovated.

The Computer Science Department is the fastest growing in the university in terms of number of students and staff.

The Executive Committee of the Board of Trustees also will consider several routine items, plus some personnel actions.

New Biotechnological Processes Revolutionizing Cheese Industry

There's a quiet revolution stirring in the cheese industry. New biotechnical processes are boosting yields and the nutritional value of cheese while specialty cheeses, including goat cheese, are taking bigger wedges of an expanding cheese market.

A process called ultrafiltration is one of the main causes of the revolution. It is enabling food scientists to increase cheese yields up to 80 percent from the same amount of milk, and to improve the protein and calcium content of cheese while reducing sodium levels.

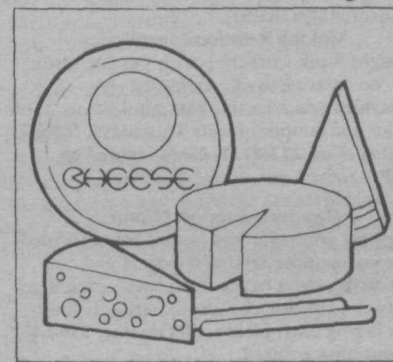
One of the most versatile foods known to man, cheese is used in hors d'oeuvres, in thousands of main dishes, as a topping for vegetables, as an accompaniment to fruit, and as an essential ingredient in many desserts. "Discovered" several thousand years before Christ, cheese is formed from the coagulation of milk — be it cow, sheep, goat, horse, buffalo, camel, or even reindeer — that produces curd by the action of an enzyme or acid.

Now, a new technology is modifying an old technique.

"Ultrafiltration will radically change the cheese industry," predicts Frank Kosikowski, professor of food science here. "It's biotechnology at its best."

The process involves pumping milk through a very fine membrane that consists of many pores of uniform size. Water and the soluble components of milk, including lactose, and salts, flow through. The parts of the milk that do not filter through include fats, proteins, insoluble salts, and enzymes, forming the retentate. As the mixture becomes increasingly concentrated, the retentate becomes very high in fat and protein.

If milk is concentrated on the farm, transportation costs can be significantly reduced because so much of the water has been removed. Furthermore, the "permeate," the solution that flows through the membranes, can be used to feed cows, resulting in a 5 to



10 percent savings in feed, Kosikowski estimates.

Ultrafiltration also has enabled Cornell food scientists to produce a low lactose ice cream, a boon for the lactose intolerant, as well as a low sodium cheddar cheese that rates very high in texture and taste.

Dramatic changes are not only occurring in the production end of cheese, but in the consumption end. In 1983, each American consumed a record 24.3 pounds of cheese. From 1972 to 1982, the food that increased the most in consumption was cheese, according to the U.S. Department of Agriculture.

"In the ten-year period, there was a 47 percent increase in the per capita consumption of cheese," points out Kosikowski, a professor in the New York State College of Agriculture and Life Sciences at Cornell. "Chicken was next highest at 22 percent, while many foods declined."

Although no one knows how many different types of cheese there are, Kosikowski points out that more imported and specialty cheeses are being purchased throughout the country. In 1982, for example, 270 million pounds of foreign cheese were imported to supplement our domestic supply of 5 billion pounds.

Plantations Plans Summer Fare

Viewing landscapes through the Impressionists' eyes, foraging for wild edibles, and tracing the history of Cayuga Lake are among the skills to be taught in non-credit courses offered this summer by Cornell Plantations.

In "Landscapes from Life," students will return each evening to the same vantage point in gardens to study the effects of light on colors and forms, in much the same way as the French Impressionists. Margaret Corbit, graphic artist at Cornell Plantations, will teach the course for artists in any "portable" medium, beginning at 5 p.m. July 9-11.

Free-lance naturalist Frank Bibbo will be the guide and cooking instructor for "Wild Edibles of Summer," a comprehensive introduction to food that is free for the picking in local woods and fields. The course meets from 9 a.m. to noon Saturdays, July 13 and 20 and Aug. 10 and 17.

In an interpretive van tour, "History of Cayuga Lake" will trace the geologic and human history by following the shorelines and stopping at points of interest. John Chiment, research specialist at Boyce Thompson Institute, will lead the tours from 9 a.m. to 1 p.m. Saturday, July 13 or again Saturday, Aug. 10.

Plantations' summer courses continue into September with "The Northeast Sampler," "Herbal and Everlasting Wreaths," "Wildflowers of Autumn" and "Orchids for Beginners."

Herb Days, scheduled Saturday and Sunday, July 27 and 28, will offer tours, talks, demonstrations, plant sales and dessert samplings.



Sackett Bridge on Beebe Lake as drawn by Margaret Corbit, instructor for an art class that will work from life forms in the gardens of Cornell Plantations.

More information on registration for summer courses and other activities of Cornell Plantations is available by calling 256-3020.

UAW Rejects Contract Offer

Service and maintenance workers who are members of the United Auto Workers are on the job this week without a contract. UAW and the university have been negotiating a new contract since early June, but on Sunday union members rejected the university's offer.

Both sides are expected to return to the

bargaining table this week, according to union representative Al Davidoff and university personnel director Lee M. Snyder. The contract that had been in effect since July 1, 1983, expired at midnight this past Sunday.

UAW represents some 925 service and maintenance workers on campus.

Calendar

Announcements

EARS

Empathy, Assistance and Referral Service, fondly known as EARS, announces that it has recently expanded its hours. Friday hours have been extended from 7-11 p.m. to 5-11 p.m. Regular hours Sunday through Thursday, 3-11 p.m. and Saturday, 7-11 p.m. continue unchanged. EARS provides short-term peer counseling on a walk-in as well as telephone basis; it is located in Willard Straight Hall, room 211, and the phone number is 256-EARS. All services are free and completely confidential. EARS counselors look forward to being of support to all members of the Cornell community.

Tours of Uris Undergraduate Library

Tours will occur on weekdays through July 5. Interested persons should meet near the circulation desk at the following time:

Fri. July 5, 3 p.m.

Handicapped students needing special tours should call 256-2339.

Tour of Uris Library

July 8, 4 p.m. Tour begins in lobby.

Tour of Uris Library

July 15, 4 p.m. Begins in Lobby.

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. Call 272-4131. Cosponsored by CRESP.

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

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 in-

Exhibits

Herbert F. Johnson Museum of Art

Selections from the A.D. White Collection of Architectural Photographs. On display will be representative photographs from a collection of over 2,000 in the possession of the College of Architecture, Art and Planning. Through July 8. Recent acquisitions: July 8 through August 31. This gallery is devoted to recent acquisitions to the museum's permanent collections acquired with membership purchase funds, other funds, or through the generosity of donors. Included are paintings, sculpture, drawings, and prints ranging from Ralph Blacklock's "Canadian Indian Hunters" (1881) to "With It" (1984) by George McNeil. Located on the corner of Central and University Avenues, the Herbert F. Johnson Museum of Art is open Tuesday through Sunday, from 10 a.m. to 5 p.m. Admission is free. For more information, call 256-6464.

Films

Unless otherwise noted films are sponsored by Cornell Cinema.

Thursday

July 4, 8 p.m. *Uris Hall Auditorium. "Hearts and Minds" (1974), directed by Peter Davis, documentary.

Non-Proliferation

Continued from Page 1

carry out its technical mission, he added.

For example, the IAEA has virtually severed all cooperation with South Africa, a country with advanced nuclear technology, because of that nation's apartheid policy. Meanwhile, the agency has accepted into membership Namibia, which lacks both an internationally recognized government and a nuclear program.

In September 1982, the U.S. withdrew from IAEA when the agency narrowly rejected Israel's credentials to attend the organization's general conference in retaliation for the 1981 Israeli bombing raid on an Iraqi nuclear reactor that was being constructed under IAEA safeguards. The American action was based on a number of considerations, including the conviction that the IAEA was an inappropriate place to take retaliatory action.

The U.S. rejoined the agency in February 1983, but Congress, citing concern over IAEA treatment of Israel, most recently withheld \$5.7 million from President Reagan's request for fiscal year 1985 funding for the agency.

"There are important quarters of the present administration who tend not to differentiate among United Nations organizations and to see the IAEA as just another troublesome U.N. institution. That is foolish," Scheinman said. "The IAEA is critical to our national security. We can't threaten to walk out everytime somebody does something we don't like."

Scheinman, who was an official in the Ford and Carter administrations, called on Reagan and members of Congress to reaffirm their support for the agency. He also

suggested that Congress restore the \$5.7 million it trimmed from the American contribution to IAEA.

Israel had defended its 1981 bombing of the Iraqi nuclear reactor by claiming that it was not confident that the IAEA safeguards inspections would ensure that Iraq did not divert materials from its nuclear power plant to produce atomic weapons.

"The discrediting or failure of IAEA safeguards inspections would ensure that Iraq did not divert materials from its nuclear power plant to produce atomic weapons."

"The discrediting or failure of IAEA safeguards could cause the collapse of the non-proliferation framework and confront the world with a surge in the number of nuclear weapons states beyond the current five," he said.

As nuclear energy becomes more widespread and the number of large-scale nuclear fuel fabrication, enrichment, and reprocessing facilities increase more resources will be needed to ensure that IAEA inspections have at least a 50-50 chance of detecting inappropriate diversions of nuclear technology to weapons manufacturing, Scheinman said. Currently, the agency spends about \$38 million a year on safeguards — less than the law enforcement budgets of some medium-sized cities.

Still, he added, "Safeguards are not simply an accounting system; they are a statement of intent made by nations who have said it is in their own best interest to not develop nuclear weapons, and who have voluntarily submitted to inspections by international civil servants." World leaders and critics of the IAEA must realize that the inspections system will never be foolproof; it can only act as

Friday

July 5, 7:30 p.m. *Uris Hall Auditorium. "Reuben, Reuben" (1983), directed by Robert E. Miller, with Tom Conti and Kelly McGillis.

July 5, 8 p.m. *Statler Auditorium. "Gone With the Wind" (1939), directed by Fleming, with Clark Gable and Vivien Leigh.

July 5, 10 p.m. *Uris Hall Auditorium. "The Marquise of O" (1976), directed by Eric Rohmer, with Edith Clever and Bruno Ganz.

Saturday

July 6, 7:30 p.m. *Uris "The Marquise of O." July 6, 8 p.m. *Statler Auditorium. "Woodstock" (1970), directed by Michael Wadleigh, documentary.

July 6, 10 p.m. *Uris Hall Auditorium. "Reuben, Reuben" (1983).

Sunday

July 7, 8 p.m. *Uris Hall Auditorium. "Stormy Weather" (1943), directed by Andrew Stene, with Lena Horne and Bill Robinson.

Monday

July 8, 8 p.m. *Uris Hall Auditorium. "Eduard Munch" (1976), directed by Peter Watkins, documentary.

Tuesday

July 9, 8 p.m. *Uris Hall Auditorium. "Guest speaker Rosetta Reitz presents "Shouters and Wailers" a lively presentation of rare film clips of women in jazz. Co-sponsored by Summer Session.

Wednesday

July 10, 8 p.m. *Uris Hall Auditorium. "Burn" (1970), directed by Gillo Pontecorvo, with Marlon Brando.

Thursday

July 11, 8 p.m. *Uris Hall Auditorium. "Fala-sha Exile of the Black Jews" (1984), directed by Simcha Jacobovici.

Friday

July 12, 7:30 p.m. *Statler Auditorium. "Manhattan" (1979), directed by Woody Allen, with Woody Allen and Diane Keaton.

July 12, 8 p.m. *Uris Hall Auditorium. "Man of Marble" (1977), directed by Andrzej Wajda, with Krystyna Janda and Jerzy Radziwilowicz.

July 12, 10 p.m. *Statler Auditorium. "Blade Runner" (1982), directed by Ridley Scott with Harrison Ford and Rutger Hauer.

Saturday

July 13, 7:30 p.m. *Statler Auditorium. "Blade Runner."

July 13, 8 p.m. *Uris Hall Auditorium. "O

July 1985						
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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			

Lucky Man" (1973), directed by Lindsey Anderson, with Malcolm MacDowell.

July 13, 10:15 p.m. *Statler Auditorium. "Manhattan."

Sunday

July 14, 8 p.m. *Uris Hall Auditorium. "Max and Dave Fleischer Animation Program" directed by Max and Dave Fleischer, with Betty Boop and Popeye.

Lectures

Friday

July 5, 12 noon Uris Hall G94. Brown-bag lunch lecture: "Television and Society," Cynthia L. Scheibe.

Tuesday

July 9, 12 noon A. D. White House Garden. Shakespeare lunch lecture: "Shakespeare and Costumes," Rachel Ehrlich, lecturer, and Anthony F. Cronin, director, Cornell Summer Shakespeare Festival.

Wednesday

July 10, 8:15 p.m. Statler Auditorium. Lecture: "The Myth of Mental Illness: The Differences Between Coping with Life and Curing Disease," Thomas S. Szasz, M.D., professor of psychiatry, Upstate Medical Center, Syracuse.

Thursday

July 11, 12 noon Uris Hall G-94. Brown-bag lunch lecture: "Designing Your Life: A Psychological Look at Personal Growth," Edward R. Ostrander, associate professor of design and environmental analysis.

Music

Friday

July 5, 5 p.m. Willard Straight Terrace. Terrace Concert sponsored by Willard Straight.

Sunday

July 7, 8-11 p.m. Anabel Taylor Commons Coffeehouse. Bound for Glory, broadcast live on FM93 (WVBR) / Performances are free and open to the public. "Small Change Bluegrass" formerly North Fork Alliance.

Monday

July 8, 8:15 p.m. Statler Auditorium. Concert: fortepiano, Malcolm Bilson, professor of piano.

Tuesday

July 9, 7 p.m. Arts Quad. Outdoor Concert: Le Cabaret," Paul Robeson Performing Arts Company, cosponsored by COSEP Prefreshman Summer Program.

Thursday

July 11, 7 p.m. Arts Quad. Outdoor Concert: Bristol Mountain Bluegrass.

July 11, 8 p.m. Barnes Hall. Richard Boukas, jazz guitarist.

Friday

July 12, 5 p.m. Willard Straight Terrace. Terrace Concert sponsored by Willard Straight.

an alarm bell to detect inappropriate activity.

"The IAEA has no formal enforcement powers, and therefore can not prevent a country from acquiring nuclear weapons. All the agency can do is detect violations. It is the world opinion that acts as enforcement," he said.

Finally, as budgets for safeguards inspections grow, so too must the spending for technical assistance to developing countries, Scheinman stressed. Many Third World countries look to the IAEA primarily for technological assistance, not international safeguards. But with only less than \$40 million to spend on technical assistance each year, the agency leaves many worthy programs unfunded, breeding resentment in developing countries.

To ensure continued cooperation from the Third World, the IAEA should require its member nations to provide funding for technical assistance, rather than maintaining those contributions as voluntary. In addition, the IAEA should expand its role into providing assistance for various sources of energy, not just nuclear power.

"The proliferation of nuclear weapons beyond the five countries that now have them would further endanger the peace of the world," he said. "Institutions, like civilizations, must adapt to their environments if they are to survive. Neither the politicization nor the safeguards credibility problems of the IAEA will get resolved unless there is a strong determination to do so. This requires a vigorous assertion of leadership, primarily by the United States."

Number 26

Please Post

July 4, 1985

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.

Position: Executive Staff Assistant

Department: A.R. Mann Library

Description: Provide administrative support for Director and Associate Director. Responsible for implementation of automated applications in the Administrative Office; maintenance of building and equipment including leases and contract negotiations; management and analysis of Library's photocopy service; statistical reports; complex scheduling for Director and Associate Director including all travel arrangements.

Requirements: Bachelor's degree or equivalent. Ability to work independently in an active, complex environment. Excellent organization skills. Strong written and oral communication skills. Attention to detail. Ability to work independently and under pressure. Skills in summarizing data and preparing reports. Experience with various software packages using IBM PC. Ability to handle multiple projects and type. Please send cover letter and resume to Esther L. Smith by July 8, 1985.

Minimum Starting Salary: \$13,625

Job Number: PC254

Position: Publications Coordinator, International Organization

Department: Center for International Studies

Description: This position requires full editorial responsibility for the management of a leading international journal (International Organization) to be at Cornell but published at the University of Wisconsin. One year appointment until July 31, 1986.

Requirements: Bachelor's degree required. Advanced graduate or professional degree highly desirable. Prior publishing and editorial experience with administrative management responsibility, particularly in a University context, is essential. International experiences, excluding travel, are highly desirable. Please send cover letter, writing sample and resume to Esther L. Smith by July 8, 1985.

Minimum Starting Salary: \$13,625

Job Number: PC256

Position: Slide Librarian (Repost)

Department: College of Architecture, Art & Planning

Description: Supervise—assign work to the Slide Library Photographer, the Assistant to the Slide Librarian and graduate assistants. maintain Slide Library budget and slide collection; schedule projectionists; maintain equipment in classrooms and lecture halls and equipment inventory; prepare an annual report; manage the college darkrooms. Full-time, regular position until July 31, 1986.

Requirements: Slide Library, library experience and Art or Architectural History background necessary. Previous administrative experience preferable. Knowledge of photographic techniques and reading ability in German, French, and Italian desirable. Please send cover letter and resume to Esther L. Smith.

Job Number: PC216

Position: Student Development Specialist

Department: Johnson Graduate School of Management

Description: Manage and administer an integrated program of activities and services designed to assist both current students and alumni in career planning and the search process. Specific responsibilities include administration of on-campus recruiting activities, student advising, representing the School with current and prospective employers of graduates, and supervising an Assistant Director and two support staff.

Requirements: Bachelor's degree in related field required; graduate degree preferred. Experience in career planning, placement or recruitment is essential, with preference given to such experience in a corporate setting. Please send cover letter and resume to Ralph D. Jones by July 5, 1985.

Job Number: PA248

Position: Assistant Superintendent

Department: Grounds

Description: Assist the Superintendent in the management of campus landscape maintenance operations to include: care of grounds, sidewalks, roadways, heavy equipment fleet, snow removal, and excavation for outdoor construction.

Requirements: Bachelor's degree or equivalent in ornamental horticulture, landscape management, landscape architecture, agronomy, or related field. Pesticide Applicators License desirable or required within six months. Knowledge of woody plant material care, ornamental plant pest control experience, maintenance of pavements, snow—ice control techniques. Strong leadership, interpersonal, and communication—writing skills. Please send cover letter and resume to Ralph D. Jones.

Job Number: PA243

Continued on Page 6

Job Opportunities

Cornell University is an equal opportunity, affirmative action employer.

Administrative/Professional

The minimum salaries listed are for recruitment purposes only.

*Position: Campaign Manager (Repost)

Department: Johnson Graduate School of Management

Description: Responsible for the day to day operation of JGSM's capital fund raising plan and be principal liaison among JGSM, central University Development staff and Campaigns' Steering Committee. Additional responsibilities will include planning, directing and executing the overall coordination of campaign fund raising for JGSM, preparing budgets, developing operating plans and fund raising strategies.

Requirements: Bachelor's degree or equivalent is necessary. Candidates must have five years fund raising experience with specific capital campaign experience and experience with volunteer development. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA038

*Position: Counselor—Therapist

Department: University Health Services

Description: Provide professional expertise in working with a university population as a short-term therapist. Crisis intervention, campus outreach, emergency coverage, group work, couple therapy, and applied clinical research will comprise the majority of duties.

Requirement: Ph.D. in clinical or counseling psychology from an American Psychological Association (APA) approved program and completion of an approved APA internship required. University experience preferred. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA264

*Position: Applications Programmer III

Department: Mechanical & Aerospace Engineering

Description: Responsible for continued development of a large, sophisticated software package. Will be involved in documentation, development of new applications and system utilities to support ongoing application development.

Requirements: Bachelor's degree or Master's in technical field. Some programming experience in PL-1, C, UNIX, color graphics and distributed processing. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT266

*Position: Dining Manager

Department: Cornell Dining

Description: Coordinate campus-wide Nutritional Awareness program and manage an independent dining unit.

Requirements: Bachelor's degree or equivalent and certified Dietician (American Dietician Association). Two to three years experience as dietician and dining manager required. Teaching experience desirable. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA263

*Position: Assistant Basketball Coach

Department: Physical Education & Athletics

Description: Assist the head basketball coach in

running the men's intercollegiate basketball program. Duties include coaching, recruiting, scouting and other administrative tasks assigned by head coach. Direct physical education classes as assigned by Director of Athletics.

Requirements: Bachelor's degree in physical education or equivalent. Credentials should reflect proven success in coaching basketball, recruiting and working with student athletes. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA262

*Position: Assistant Director, Cornell Fund

Department: University Development

Description: Assists the Director of the Cornell Fund in the development of programs within the Cornell Fund with a particular emphasis placed on the Reunion Class Campaigns. Assists with the overall planning, development and implementation of the Cornell Fund's efforts to obtain support from other private sources. Enlists alumni leadership, sets goals and facilitates Fund objectives. Conducts phonathon campaigns.

Requirements: Bachelor's degree is required. Experience in working with volunteers and fund-raising experience desired. Travel will be required. Ability to communicate persuasively orally and in writing. Good organizational ability. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA269

*Position: Teaching Support Specialist II

Department: School of Hotel Administration

Description: Assist in developing lesson plans, lectures, and demonstrations as well as researching necessary support material. Handle administrative details for several food courses and give lectures and demonstrations. Ten month appointment.

Requirements: Minimum Bachelor's degree in hotel administration. Minimum of two years experience in food and beverage operations with some experience in privately-owned businesses. Good knowledge of wine and spirits from a commercial food service viewpoint. Please send cover letter and resume to Ralph D. Jones by July 19, 1985.

Job Number: PA268

Position: Program Director for Student Employment

Department: Financial Aid and Student Employment

Description: Responsible for the management of the Student Employment Office and development of programs including the College Work Study Program, non-Work Study employment, Off-Campus Employment, and the Cornell Tradition. Provides leadership in development of an institutional philosophy, policies and procedures. Manages staff of 11 regular employees and 20 students. Prepare budgets for student employment and the Cornell Tradition, oversee preparation of programs and fiscal reports, and responsible for the sound fiscal management of student employment programs.

Requirements: Bachelor's degree required; Master's degree preferred. Three years management and supervisory experience essential. Experience in employment or financial aid preferred, along with knowledge of personnel policies and issues. Cornell experience preferred. Please send cover letter and resume to Ralph D. Jones by July 18, 1985.

Job Number: PA258

Job Opportunities

Continued from Page 5

Position: Technical Consultant III

Department: Computer Services

Description: Assist faculty in developing instructional software and documentation for use with microcomputers; act as a source of technical information about IBM personal computers and software; supervise the hiring and work of student programmers.

Requirements: Bachelor's degree or equivalent with coursework in computing or related field. Three to five years experience in computing; at least two years experience programming microcomputers. In-depth knowledge of design and programming concepts. Fluency in at least two programming languages, preferably Pascal, C, Fortran or Macro assembly. Awareness of microcomputers data base, spread sheets and word processing programs. Good oral—written communication skills. Previous supervisory experience. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT236

Position: Technical Consultant III

Department: Computer Services: Academic Computing

Description: Provide teaching and consulting support on the use of Cornell's microcomputers; write and document programs that facilitate the use of these systems. Evaluate software for academic applications. Prepare user documentation. Assist in setting computing policy.

Requirements: Bachelor's degree or equivalent, with coursework in computer-related fields. Three to five years computer systems and/or programming experience. Exceptional communications skills for teaching, consulting, and writing. Demonstrated proficiency using microcomputers; expert knowledge of programming languages, operating systems, and software packages that are relevant to academic applications. Please send cover letter and resume to Cynthia Smithbower.

Job Number: PT226

Position: Project Manager

Department: School of Hotel Administration—Statler Inn

Description: Reporting to the Director of Business and Administration, will be responsible for the overall planning, scheduling and supervision of computer operations. Will initiate, develop and implement numerous School and Inn projects while directing an Analyst—Programmer and support staff.

Requirements: Bachelor's degree with computer-related courses; several years project management and systems analysis experience. Must be familiar with several high level languages such as COBOL. Experience with IBM or Wang VS equipment preferred. Some experience with accounting systems preferred. Please send cover letter and resume to Cynthia Smithbower by July 3, 1985.

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 10:00 A.M. in Room 337, Statler Hall. Please contact Staffing Services for an appointment.

*Position: Secretary, GR20

Department: Unions & Activities

Description: Provide administrative and secretarial support for the Director, Assistant Director for programs and board members of Willard Straight Hall. Extensive contact with students; supervise student employees; type; receptionist and operational responsibilities.

Requirements: Associate's degree or equivalent. Heavy typing. Minimum two to four years secretarial experience required. Must be adept in typing skills and copying machines. Shorthand and use of word processors are preferred. An excellent command of the English language and its structure is required. Excellent interpersonal and communication skills.

Minimum Starting Salary: \$11,739

Job Number: C266

*Position: Secretary, GR20

Department: College of Architecture, Art & Planning

Description: Provide secretarial support to the Assistant to the Dean, with additional work assignments from the College Directors of Operations and External Affairs. Word processing and data base computer input; type; file; photocopy; act as Dean's Office receptionist; act as College liaison to the building maintenance unit.

Requirements: Associate's degree or equivalent. Medium typing. Working experience with personal computer or word processor. Minimum two to three years related work experience. Knowledge of Cornell helpful. Strong organizational, office and interpersonal skills. Must be able to work independently and maintain confidentiality.

Minimum Starting Salary: \$11,739

Job Number: C269

*Position: LC Cataloger, GR20

Department: Catalog -- Olin Library

Description: Catalog monographs with LC copy on Humanities Team utilizing RLIN system; with advanced training and proficiency, may catalog member copy; authority work; shelf listing; added volumes; database maintenance activities. Other catalog duties as assigned.

Requirements: Bachelor's degree or equivalent; academic background in humanities preferred. Light typing. One year experience in libraries, especially technical services. Ability to accurately perform and organize detailed work. Strong communications and interpersonal skills.

Minimum Starting Salary: \$11,739

Job Number: C2610

*Position: Editorial Assistant, GR20

Department: Theory Center

Description: Assist the publications editor with the preparation and distribution of all Theory Center publications. proofread drafts and galley; write monthly newsletter; maintain library of background information; establish and maintain a lending library; contribute articles. Other duties as assigned.

Requirements: Associate's degree or equivalent required; Bachelor's degree with scientific background preferred. Medium typing. Minimum two to three years experience. Must be able to work independently with a high degree of accuracy and handle confidential information. Scientific background desirable. Ability to operate an IBM PC helpful. Please send two writing samples, cover letter and resume to Esther L. Smith by July 19, 1985.

Minimum Starting Salary: \$11,739

Job Number: C262

*Position: Secretary, GR18

Department: Law School

Description: Provide secretarial support to law faculty. Use word processor for typing manuscripts, briefs, correspondence, class materials; xerox; file; prepare travel vouchers; research references and citations in the law library; answer telephone; prepare masters for duplication and use in classroom.

Requirements: High school diploma; business or secretarial school desirable. Heavy typing. Minimum one to three years secretarial experience. Knowledge of IBM PC or willingness to learn. Excellent organizational, interpersonal and communication (written and oral) skills.

Minimum Starting Salary: \$10,500

Job Number: C2611

*Position: Searcher, GR18

Department: Serials -- Olin Library

Description: Precatalog searching of government document monographs and serials; input records for new books in RLIN database; maintain and search the collection of U.S. Congressional materials. Other duties as assigned.

Requirements: High school diploma or equivalent; some academic training desirable. Light typing. Previous library and/or clerical experience helpful. Ability to perform detailed work accurately and independently. Strong organizational skills.

Minimum Starting Salary: \$10,500

Job Number: C268

*Position: Secretary, GR17

Department: Sociology

Description: Provide secretarial and receptionist support for department staff and faculty. Type manuscripts, correspondence and colloquium announcements; handle mailings; word processing; course catalog. Other duties as assigned.

Requirements: High school diploma or equivalent; business or secretarial school desirable. Medium typing. Some secretarial experience. Good typing skills. Knowledge of word processor and/or willingness to learn.

Minimum Starting Salary: \$9,967

Job Number: C261

Position: Administrative Aide, GR20

Department: English

Description: Provide administrative and secretarial support to the Graduate Field Representative. Assist in all aspects of the work involved in the Department's graduate program: admissions

applications, routine informational correspondence, etc.; responsible for non-academic and summer research payroll for graduate students.

Requirements: Associate's degree or equivalent. Medium typing. Minimum one to three years experience. Familiarity with academic environment. Excellent interpersonal, communication and organizational skills. Ability to work independently.

Minimum Starting Salary: \$11,739

Job Number: C253

Position: Accounts Assistant, GR19

Department: Student Employment Office

Description: Monitor bi-weekly payroll transactions; oversees student appointment process for College Work Study Students. Primary consultant for day-to-day activity with on and off-campus employers participating in the College Work Study Program; assist the Assistant Director of JLD in development of job opportunities through the Work Study Program and in the preparation of fiscal reports.

Requirements: Associate's degree or equivalent, preferably in accounting or business administration. Medium typing. Good oral—written communications and organizational skills. Ability to work under pressure and with minimal supervision. Experience with on-line computer system and word processing helpful. Knowledge of Cornell's payroll and accounting system preferred.

Minimum Starting Salary: \$11,125

Job Number: C259

Position: Administrative Aide, GR19

Department: Career Center -- Sage

Description: Provide assistance to students using the career library for job hunting and career planning. Assist Library Coordinator in classifying, updating, and maintaining library resources; prepare publication materials for Cornell 'Sun'; assign daily tasks to work-study assistants; approximately 25% of position will involve general word processing, typically during the summer months.

Requirements: Associate's degree or equivalent. Heavy typing. Minimum one to three years related work experience preferred. Excellent organizational, interpersonal, and communication (oral and written) skills. Enthusiasm for working with students. Ability to work under pressure at times in a fast-paced atmosphere. Word processing experience desired.

Minimum Starting Salary: \$11,125

Job Number: C2512

Position: Secretary, GR19

Department: Center for International Studies

Description: Provide secretarial support to the Director of the International Internship Program and support for CIS. Handle travel; organize meetings; prepare vouchers; develop and maintain computerized data base; research and compose proposals, reports, correspondence.

Requirements: Associate's degree or equivalent. Medium typing. Minimum of one to three years secretarial experience. Knowledge of word processing, Writing and editorial skills required.

Minimum Starting Salary: \$11,125

Job Number: C252

Position: Secretary, GR18

Department: Residence Life

Description: Provide clerical and secretarial support to the office. Type; answer telephones; maintain office supply inventory and office equipment; communicate with the public. Other duties as assigned.

Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Secretarial experience. Excellent organizational and interpersonal skills. Knowledge of word processor highly desirable.

Minimum Starting Salary: \$10,500

Job Number: C2510

Position: Word Processor Operator, GR18

Department: Civil and Environmental Engineering

Description: Perform secretarial support (including large manuscripts using technical typing) for four faculty members using a MICOM word processor. Assist in general main office responsibilities.

Requirements: High school diploma or equivalent. Business or secretarial school with word processing coursework desirable. Heavy typing. Knowledge of word processing equipment. Some secretarial experience. Strong organizational skills.

Minimum Starting Salary: \$10,500

Job Number: C257

Position: Office Assistant, GR16

Department: Finance & Business Office

Description: Provide accounts payable and clerical support. Sort, code and extend vouchers; maintain records of computer document processing; match state expenditure documents to transmittal documents and mail to Albany. Other duties as assigned.

Requirements: High school diploma or equivalent. Clerical and general office experience helpful. Good organizational skills.

Minimum Starting Salary: \$9,494

Job Number: C258

Position: Office Assistant, GR16 (Three Positions)

Department: University Health Services

Description: Provide receptionist—clerical support. Answer phones; schedule appointments; pull medical charts; file. Other duties as assigned. 8:30 a.m. - 5 p.m. Monday - Friday and every 5th Saturday 8:30 a.m. - 12:30 p.m.

Requirements: High school diploma or equivalent. Good general office skills. Strong communication and interpersonal skills. Experience working in medical office preferred.

Minimum Starting Salary: \$9,494

Job Number: C254, C255, C256

General Service

*Position: Trades Shop Assistant, U100

Department: Maintenance & Service Operations

Description: Assists Union Tradesperson. Pick up and deliver supplies at job site. Load and unload material and equipment. Return material and supplies to tool crib or inventory clerk. Acts as union tender at job site. Keep shop areas clean. Operate small equipment. Must join union within 30 days of employment.

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

Job Number: S262

*Position: Dish Machine Operator, SO16

Department: Statler Inn (Endowed)

Description: To maintain a consistent supply of clean dishes, glasses, flatware, pots and silver; keep the work area at an acceptable standard of cleanliness. Monday - Friday, 12:30 - 9:00 p.m.; some weekends.

Requirements: High school diploma or equivalent. Dish machine operator experience desired.

Minimum Starting Salary: \$4.47—hour

Job Number: S264

*Position: Custodian, SO16

Department: Statler Inn (Endowed)

Description: Provide general maintenance and custodial care of buildings and grounds in immediate vicinity of assigned area. Friday - Tuesday, 5:30 p.m. - 2:00 a.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: S266

Position: Equipment Operator, SO20

Department: Grounds (Endowed)

Description: Operate construction and grounds maintenance equipment such as tractors, front-end loaders, snow plows, trucks, road rollers, heavy-duty compressors; perform hand labor in campus landscape construction and maintenance. Monday - Friday 7:00 a.m. - 3:30 p.m.

Requirements: High school diploma or equivalent. Valid NYS Motor Vehicle Operators License; Class III Operators License desirable. Must be in excellent physical condition and be able to work outside in all elements in all seasons; must have two years experience in construction and/or grounds maintenance; minor equipment repair experience desirable.

Minimum Starting Salary: \$5.54—hour

Job Number: S251

Position: Illustrator, GR18

Department: Institute for the Study of the Continents

Description: Provide drafting for various projects within the Institute, mainly line drawings, mapping, figures and some computer generated graphics. Create displays, general assistance on research projects and other assignments.

Requirements: High school diploma or equivalent; some college background in geology pre-

ferred. Technical drafting experience essential.
Minimum Starting Salary: \$10,500
Job Number: S253

Technical

Outside applicants for technical positions should submit an employment application, resume, transcripts and a list of laboratory techniques and equipment or computer languages and hardware with which you are familiar. This information will be kept active for six months. For each position you are qualified and wish to be a candidate for, submit a cover letter including position title, department and job number, to Cynthia Smithbowler. Current Cornell employees should submit an employee transfer application, resume and cover letter. Outside applicants with training and/or experience in the following areas are encouraged to apply: biochemistry, chemistry, microbiology, electronics, physics and licensed animal health technician.

*Position: Lab Equipment Technician, GR22
Department: Ecology and Systematics
Description: Design, build, and— or repair special and strategic laboratory and field equipment for professors and students. Train and supervise faculty staff and students on proper use and safety of metal work and woodworking tools. General handyman jobs within or relating to research labs and field sites. Supervise operation of wood and metal shops including purchase and maintenance of shop tools and materials.
Requirements: High school diploma or equivalent. Several years experience in carpentry and— or cabinet making; knowledge of use of metal lathe and milling machine preferred; experience in working with the demands from a variety of different types of people would be helpful.
Minimum Starting Salary: \$13,141
Job Number: T261

Position: Technician, GR22
Department: Pharmacology
Description: Carry out experiments relating to research into diarrheal disease. Duties include preparing solutions, animal handling (usually rodents), analyzing samples, calculating data and preparing graphical representation of results; use a variety of scientific equipment.
Requirements: Bachelor's degree or equivalent in biochemistry or a similar subject. Two to three years laboratory experience. Familiarity with basic statistics. Apply by July 12, 1985.
Minimum Starting Salary: \$13,141
Job Number: T251

Position: Technician, GR21
Department: Neurobiology & Behavior
Description: Analyze plant samples for certain organic constituents and design and carry out experiments on plant-herbivore interactions. Maintain greenhouse. Order supplies. Conduct library research.
Requirements: Bachelor's degree in biology or chemistry. Coursework in organic and analytical chemistry, botany. Ability to drive a standard truck helpful.
Minimum Starting Salary: \$12,469
Job Number: T252

Position: Computer Operator, GR22
Department: Computer Services - Academic Computing
Description: As lead computer operator at a campus terminal facility, answer general consulting questions, help users access departmental computer systems, assist in training new staff and help develop new policies and procedures. Apply by July 12, 1985.
Requirements: Associate's degree or equivalent in data processing. One year previous computer operator experience, preferably at Cornell; working knowledge of Cornell's computer systems. Strong oral communication, interpersonal and organizational skills. Knowledge of IBM and Apple microcomputers.
Minimum Starting Salary: \$13,141
Job Number: T241

Part-time

*Position: Technical Consultant I, Level 32
Department: Computer Services - Academic Computing
Description: Support the CUTHESIS word processing environment: write SCRIPT programs according to the formatting specifications prescribed by the Graduate School and maintain these programs on IBM mainframes; prepare

workshops and provide consulting support for CUTHESIS software and mainframe laser printers. Monday - Friday; 20 hours a week.
Requirements: Bachelor's degree or equivalent. Three to six months of programming experience; knowledge of SCRIPT, CMS, and MVS; good communications skills; prior use of CUTHESIS in preparing theses preferred.
Job Number: PT265

*Position: Secretary, GR18
Department: China-Japan Program
Description: Chief responsibility for two publication series which include communication with authors, processing orders, keeping records, shipping orders; type; answer routine correspondence etc.; keep records on students; faculty, courses; set up faculty lunches; gather information for grant proposals; oversee work study students. Monday - Friday, 9:00 a.m. - 4:30 p.m.; 30 hours a week.
Requirements: High school diploma or equivalent; Associate's degree preferred. Medium typing. Some office experience. Basic editorial skills. Familiarity with accounting procedures (accounts payable and receivable). Ability to work independently. Familiarity with computer preferred but not necessary, but must be willing to learn.
Minimum Starting Salary: \$10,500—annual equivalent
Job Number: C264

*Position: Special Collections Assistant, GR18
Department: Law Library
Description: Responsible for maintenance of all special collections in the Law Library, including foreign and international law; faculty looseleaf services and all microform materials; file. Other duties as assigned. 20 hours a week; flexible schedule.
Requirements: Associate's degree or equivalent. Light typing. Some library experience preferred. Attention to detail. Strong organizational skills.
Minimum Starting Salary: \$10,500—annual equivalent
Job Number: C267

*Position: Accounts Assistant, GR18
Department: Materials Science & Engineering
Description: Provide clerical and accounting support for department accounts coordinator. Process purchase order requisitions; accounts payable vouchers; travel forms; journal vouchers; assist accounts coordinator in providing projected financial data to research groups. Other duties as assigned. 25 hours a week.
Requirements: High school diploma or equivalent; coursework in accounting preferred. Medium typing. Some office and accounting experience (preferably at Cornell). Excellent organizational, communications, and interpersonal skills.
Minimum Starting Salary: \$10,500—annual equivalent
Job Number: C263

*Position: Secretary, GR18
Department: Near Eastern Studies
Description: Provide receptionist and secretarial support to the department. Answer phones; type correspondence, class material and manuscripts, handle department mail, answer inquiries, accurate record keeping, assist visitors and students. Other duties as assigned. Preferable Monday - Friday, 12:30 - 4:30 p.m.
Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Minimum one to two years office experience. Previous secretarial experience in an academic setting preferred. Knowledge of IBM PC XT preferred. Excellent organizational, interpersonal and communication skills. Ability to handle confidential material and work under pressure.
Minimum Starting Salary: \$10,500—annual equivalent
Job Number: C265

*Position: Bartender, SO16
Department: Statler Inn (Endowed)
Description: Receives beverage orders from waitstaff and guests and prepares drinks as desired; maintains control at the bar; maintains waste control; operates cash register and other bar equipment. Monday - Friday, 5:00 - 10:00 p.m.; some weekends.
Requirements: High school diploma or equivalent. Minimum one year bartending experience.
Minimum Starting Salary: \$4.47—hour
Job Number: S263

*Position: Waitperson, SO15
Department: Statler Inn (Endowed)
Description: Under general supervision, serve meals to guests in the Main Dining Room, according to established rules of etiquette, working in a formal setting. Set up and cleaning of guests tables.

Requirements: High school diploma or equivalent. One year waiting experience preferred; strong interpersonal skills, standing—walking and heavy lifting (large trays of dishes and food).
Minimum Starting Salary: \$4.22—hour
Job Number: S265

Position: Illustrator, GR17
Department: Statler Inn
Description: Under general supervision assist in design and layout of food establishment publications, including menus, posters, newspaper ads and other printed materials. Monday - Friday 9:00 a.m. - 3:00 p.m.
Requirements: High school diploma or equivalent with some college level courses in graphic arts. Good interpersonal, organizational and communication skills.
Minimum Starting Salary: \$9,967—annual equivalent
Job Number: S254

Position: Administrative Aide, GR20 (Repost)
Department: Agricultural Engineering
Description: Provide administrative—secretarial support to the Environmental Quality—Renewable Energy Group. Type classwork, correspondence, manuscripts, etc.; proofread and edit proposals and progress reports; answer telephone; assist with budget; handle mail. Other duties as assigned. Monday - Friday, 20-30 hours per week.
Requirements: Associate's degree in secretarial science or equivalent scientific or chemical background. Heavy typing. At least three to five years experience. Excellent grammar, punctuation, editing and communication skills. Machine transcription experience. High speed—accurate typing.
Minimum Starting Salary: \$11,739—annual equivalent
Job Number: C1714

Position: Technical Sales Assistant, GR17
Department: Campus Store
Description: Sell computer manuals, software, and supplies. Maintain accurate inventory and assist in development and implementation of computer sales and inventory system. Operate computerized cash register. Monday - Friday, 8:30 - 12:30—1:30; every 3rd Saturday, 10:00 - 2:00.
Requirements: Two years college education or equivalent. Retail experience preferred. Ability to operate—learn to operate microcomputers such as IBM PC, DEC, Rainbow, Apple Macintosh, and demonstration of applicable software such as Word Perfect, Microsoft Word, Multiplan. Good communication and interpersonal skills.
Minimum Starting Salary: \$9,967—annual equivalent
Job Number: S243

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.

*Position: Temporary Office Assistant
Department: Office of Instruction - CALS
Description: General office duties with a substantial amount of time on an Exxon Word Processor. Compile information; type letters and reports; maintain files; provide information and assistance to students, alumni, and recruiters, monitor career library. Part-time, casual appointment until August 13, 1986. Monday - Thursday, 1:00 p.m. - 5:00 p.m.; Friday 1:00 - 4:00.
Requirements: High school diploma or equivalent. Business or secretarial school desirable. Medium typing. Some office experience. Strong interpersonal skills. Familiarity with word processor or interest in learning. General office skills.
Minimum Starting Salary: 5.16—hour
Job Number: C2613

Position: Research Aide, GR19
Department: Division of Nutritional Sciences
Description: Conduct telephone interviews with emergency food relief programs throughout the state. Keep accurate and organized records of information collected. Monday - Friday, 24 hours—week (may increase).

Requirements: High school diploma or equivalent. Excellent interpersonal and record-keeping skills required. Work experience with diverse groups desirable.
Minimum Starting Salary: \$11,125
Job Number: C2511

Academic

Please contact department directly.
*Position: Faculty Position: Anatomy
Department: Veterinary Anatomy
Contact: Howard E. Evans, Ph.D., Chairman, Department of Anatomy, College of Veterinary Medicine
Job Number: A266

*Position: Lecturer or Instructor
Department: Veterinary Anatomy
Contact: Howard E. Evans, Ph.D., Chairman, Department of Anatomy, College of Veterinary Medicine
Job Number: A267

*Position: Public Services Librarian (September December 1985)
Department: Mann Library
Contact: Carol Pyhtila, Personnel Director, 235 Olin Library
Job Number: A268

Position: Associate Professor or Professor
Department: Animal Science
Contact: J.M. Elliot, Chairman, Department of Animal Science, 149 Morrison Hall
Job Number: A252

Position: Research Associate IV
Department: Veterinary Pathology, NYS College of Veterinary Medicine
Job Number: A251

Position: Clinical Pathologist
Department: Veterinary Pathology, NYS College of Veterinary Medicine
Job Number: A253

Position: Anesthesiologist
Department: Clinical Sciences, NYS College of Veterinary Medicine
Job Number: A254

Position: Radiologist
Department: Clinical Sciences - NYS College of Veterinary Medicine
Job Number: A255

Position: Chairperson
Department: Preventive Medicine - NYS College of Veterinary Medicine
Job Number: A256

Brief Reports

Museum Celebrates 12th Articipation Program

The Herbert F. Johnson Museum of Art celebrates its 12th annual Articipation program this summer. The education department of the museum sponsors this free program involving the public in hands-on art projects.

Penny Dietrich, coordinator of education, says, "Articipation has been a success in the past because it gives individuals an opportunity to learn and explore an art medium. This year's program will be exciting because it will get all age levels involved. We hope the people in the community look forward to seeing us each summer as much as we look forward to seeing them. We encourage all to come down and participate."

"Articipation on the Commons" takes place under the Central Pavilion, on the Commons in downtown Ithaca, Thursday, Friday, and Saturday, July 11, 12, and 13, from noon until 3 p.m. Participants are invited to create their own wearable art pins.

"Articipation at the Museum" is scheduled for Saturday, July 27, from 10:30 a.m. until 12:30 p.m. All ages can make wood assemblages to take home.

The Herbert F. Johnson Museum of Art, located at the corner of University and Central avenues on the Cornell Campus, is open Tuesday through Sunday from 10:30 a.m. to 5 p.m. Admission is free.

For additional information on Articipation contact the education department at the Johnson Museum, 256-6464.

Beginning Graphics Presentation Planned for Project Ezra

An IBM specialist in introductory graphics will be on campus July 9 for a "get-started" graphics presentation in 202 Uris Hall for Project Ezra participants, according to Carrie Regenstein, Project Ezra support coordinator.

Project Ezra currently has more than 200 staff and faculty participating in more than 100 projects aimed at developing innovative

computing applications that support instruction and research.

Dick Kremp, an IBM senior technical support representative from Rockville, Md., will offer an overview of what IBM graphics tools are available followed by a product-by-product presentation. Examples and demonstrations will include the Graphics Plotting System and the Graphical File System. At the afternoon session, Kremp will describe the Graphical Kernel System and the Graphics Development Tool Kit. The wrap-up session will include discussion of terminal emulation for interested participants.

Participants planning to attend or wishing additional information should contact Regenstein, G44 Uris Hall, 256-4981

Computer Services Plans Summer Workshops

Computer Services is offering its 14 most popular workshops and seminars this summer to students, staff and faculty who use the computer resources of CCS. Irving Wiswall, workshop coordinator, said this summer's offerings brings the year's total workshops and seminars to 185.

Sessions will cover the use of both mainframe and microcomputer operating systems and applications software. Courses began July 1 and will be offered until mid-August. Detailed course descriptions (AN-342) and registrations forms (AN-342a) are available at all staffed campus terminals.

New registration procedures for the workshops are in effect this summer, Wiswall said. Registration forms are attached to the course descriptions and faculty and staff must charge fees to a "real money" departmental account number. Students are not charged for any of the CCS workshops, but do need to register in advance. Questions about the summer workshops should be directed to Wiswall, G22 Uris Hall, 256-4981.

Cornell Shares Award From Chemical Bank

Chemical Bank of New York City has awarded Cornell \$80,000 as part of \$3 mil-

lion in gifts to 60 selected colleges and universities nationwide.

Cornell will allocate its grant to the Johnson Graduate School of Management and to undergraduate colleges at the university, which will use the money for student aid.

All the funds will be received annually in four equal payments. Chemical Bank's program is designed "to provide a measure of fiscal stability to the institutions," according to an announcement by Chemical Bank.

Drawings of Preschool Children on Display

An exhibition of drawings and paintings concerning children, their relationships, their feelings and their activities by Michele C. McDonald is scheduled in Olive Tjaden Gallery of Tjaden Hall weekdays through July 12.

Research for the project was done at the Ithaca Child Care Center on East Upland Road where McDonald sketched children in the Dragon Room and on the playground.

Newman Lanes Manager Plans Summer Leagues

The new manager of Newman Lanes, Mike Hoague, who succeeded Chuck Par-kin, has scheduled summer leagues on Wednesday and Friday nights.

Summer hours at the lanes are Monday through Saturday from 3 to 11 p.m., and Sunday from noon to 5 p.m.

Information on the summer leagues is available by calling 256-4200.

Revlon Suite Opens At Medical Center

Then Revlon Suite, funded by a contribution of more than \$100,000 from the Revlon Foundation, was officially opened last week at The New York Hospital-Cornell Medical Center by Dr. David D. Thompson, director of the Hospital; Michel Bergerac, chief executive officer of Revlon Inc., and Roger Shelley, president of The Revlon Foundation.

The suite, located at the east end of the 15th floor of the Baker Pavilion, consists of two rooms and two baths. One room has been designed for the patient while the second room serves as an adjacent sitting room,

SAGE CHAPEL

Summer Services Begin This Sunday

Sage Chapel Services for Summer Session 1985 will begin on Sunday, July 7, at 11 a.m. W. Jack Lewis, director emeritus of Cornell United Religious Work (CURW) will speak on the topic, "The Uses and Abuses of Freedom."

Lewis came to Cornell in 1964 to serve as associate director for service for CURW. He was appointed director in 1965, serving in that position until his retirement in April 1981. He is a Presbyterian minister and was founder/director of the Christian Faith and Life Community at the University of Texas, 1952-1964.

During World War II he served as a chaplain in the Navy and Marine Corps in the South Pacific. After four years as campus minister at the University of Texas, he spent 16 months studying in Scotland and traveling extensively on the continent to gain first-hand experience of the Christian lay movements from Scandinavia to Greece. He continues to do pastoral counseling in the Ithaca area.

Sage Chapel Services continue on Sunday, July 14, with Ingrid Olsen-Tjensvold, former assistant director, Cornell United Religious Work; Sunday, July 21, with Joanne Bartel, adviser, Evangelical Alliance, Cornell; Sunday, July 28, with Robert Hunter, Regional Inter-Varsity Christian Fellowship, Cornell; Sunday, Aug. 4, with Sharon Dittman, chaplain, Protestant Cooperative Ministry, Cornell United Religious Work, and conclude on Sunday, Aug. 11, with Jonathon D. Levy, assistant dean in the School of Industrial and Labor Relations.

The Summer Sessin Choir provides music for the Sage Chapel services and is directed by Donald R.M. Paterson, university organist and Sage Chapel choirmaster. All students and interested persons are invited to participate.

conference room, dining room or guest room. The furnishings in the suite have a more home-like atmosphere than the regular furniture associated with a hospital, although all regular hospital equipment is readily available.

PEOPLE

Teaching Honor to van Tienhoven

Ari van Tienhoven, an animal physiologist at Cornell University, has received the 1985 Edgerton Career Teaching Award from the State College of Agriculture and Life Sciences for excellence in teaching.

Established in 1980 by Louis J. and Edith Edgerton, their friends, colleagues, and former students, the award recognizes a senior Cornell faculty member for commitment to teaching and counseling of students. The award consists of a plaque and a monetary gift to the recipient's department.

A faculty member in Cornell's Department of Poultry and Avian Sciences since 1955, van Tienhoven has taught several courses in animal physiology involving poultry and avian species. He was cited for his in-

novative approaches to teaching and dedication to his students.

An internationally recognized authority on animal physiology, van Tienhoven has focused his research on physiology of reproduction of birds, especially studies of ovulation and pituitary gonadal relationships, and on neuroanatomy of the brains of chickens. Recently, he gained national attention for his work that led to production of larger eggs with stronger shells by providing 28-hour daily cycles and a special lighting schedule for hens. He also has developed a 10-hour lighting system, which performs as well as the traditional 16- to 17-hour lighting program for egg production.

A professor of animal science at Cornell for 34 years, Warner teaches livestock nutrition and conducts research on calf nutrition.

Warner 'Professor of Merit'

Richard G. Warner has received the "Professor of Merit Award" from seniors in the State College of Agriculture and Life Sciences.

Presented annually on behalf of the senior class by members of Ho-Nun-De-Kah, the college's honor society, the award recognizes Warner for "excellence in teaching, advising, and genuine concern for students."

Food Technologists Honor Potter

Norman N. Potter, professor of food science, was presented the William V. Creuss Award for Excellence in Teaching at the recent meeting of the Institute of Food Technologists in Atlanta.

Presented annually, the award honors an IFT member "who has achieved excellence in teaching food science and technology." The award includes a bronze medal and \$3,000.

A member of the faculty of the State College of Agriculture and Life Sciences since 1966, Potter has taught more than 2,000 food science and technology students. He is recognized for outstanding contributions to the education and training of food scientists, enthusiasm for teaching and research, and dedication to the development of excellence in young professionals.

The author of the text, "Food Science," which is in its fourth edition and has been published in English, Spanish, and Japanese, Potter is a member of numerous scientific and honorary societies and a scientific advisor to the Food and Drug administration. He has contributed to new processes for continuous bread making, automated quick cooking, food dehydration, and frozen desserts, and holds six patents in these areas.

IFT is a non-profit scientific society of 22,000 members devoted to the discovery and application of new and existing knowledge to improve the world's food supply.

Colin Campbell Named Schurman Professor

T. Colin Campbell, professor in the Division of Nutritional Sciences at Cornell University, has been named a Jacob Gould Schurman Professor, effective July 1.

A member of the faculty at Cornell since 1975, Campbell is recognized internationally as an expert on nutritional toxicology, most recently for his research on the relationship of nutrition to cancer.

Since 1981, when he served as the National Cancer Institute Exchange Scholar to the People's Republic of China, Campbell has taken leadership in a major epidemiological study of relating dietary factors with human cancer in the People's Republic of China.

He is a member and consultant to many scientific committees, including the National Academy of Sciences, American Institute for Cancer Research, and the Professional Standards Evaluation Board in General Toxicology.