

Cornell Chronicle

Volume 14, Number 29

Thursday, April 28, 1983



A popular spot as the pressure grows late in the term is the comic book stand at the Campus Store, where one may make a brief escape to the lands of Thor, Conan and X-Men.

Shoals Wreck Is Cornell Archaeologists' Delight

By ROBERT W. SMITH

On a bright August day in 1982, near Duck Island in waters off the coast of Maine, five neophyte underwater archaeologists began the unglamorous task of marking the area in which they'd be diving. But then...

"The first bucket of equipment thrown over the side of our boat landed on the substantial remains of a wooden vessel," according to the group's instructor, Robert T. Farrell, professor of English, Medieval Studies and Archaeology.

For a week, Farrell directed the five divers as they took pictures, made sketches and drawings and drew maps of their find and the area. Farrell, himself a veteran underwater archaeologist, was kept out of the water by a case of bronchitis for all but the last two days.

But that didn't diminish his pleasure at watching his five students "investigating, making scientific decisions, without touching or bringing up and exposing to air" the discovery made during the week-long course offered by Shoals Marine Laboratory.

The laboratory is a seasonal teaching and research field station operated by Cornell and the University of New Hampshire on Appledore Island in the southern Gulf of Maine, 10 miles to seaward of Portsmouth, N.H.

Farrell and some 10 students will be there at work again this August when the



Prof. Robert T. Farrell (left) and an underwater archaeology student investigate the entire area in which they are diving in order to record their findings in detail.

course is repeated. "We'll be measuring, sampling, analyzing and dating by dendrochronology the timbers in the ship," he explained. "We want minimal disturbance

of the ship; information without excavation."

"It's important and unusual that students working to learn underwater archaeology

can have experience with a vessel in this context," he said.

What's more important is that this discovery represents the first step in a five or six-year program of careful analysis of the land and underwater archaeology of Appledore.

"The area was settled early," Farrell said. "It was attractive to early peoples because of the fresh water supply. We may find continuity of habitation since well before Christ."

But what about the story, the history of the underwater "mystery" ship?

Details indicated that the wooden ship of peg construction was from the 19th century, Farrell said. The students began interviewing captains and crews of various vessels at the Isles of Shoals, as well as talking to old residents, to learn the ship's name and type.

"It was incredible to see the kids going mad tracing down bits and pieces of information well into the night," Farrell recalled.

Their tentative conclusion is that they found a sailing ship, the Samuel J. Goucher, a five-masted coal transport launched in 1904 and sunk Nov. 12, 1911. No Spanish man-of-war. No pirate ship filled with booty. Also, no coal.

"I have my doubts about it being a coaler because we've found no coal... and we should," Farrell said. "It just may be something else."

People

Extension's Carol Anderson Wins Kellogg Fellowship

Carol L. Anderson, associate director of the Cooperative Extension Service, is one of 47 outstanding young American professionals chosen for Class IV of the W.K. Kellogg Foundation National Fellowship Program.

The Fellowship Program, initiated in 1980, is aimed at helping the nation expand its vital pool of capable leaders. The program is structured to increase individuals' skills and insights into areas outside their chosen disciplines so they can deal more creatively and effectively with society's complex problems.

Each Kellogg National Fellow receives a three-year grant of up to \$35,000 to pursue a professionally broadening self-designed plan of study. Participation in Foundation-designed seminars that focus on issues facing leaders in domestic and international settings is also required. Travel experiences and consultations add to the program's scope.

Anderson, who is also assistant dean of the New York State College of Human Ecology and an associate professor of human development and family studies, held extension and home economics staff positions before joining the Cornell staff. Active in community affairs, she has served on local citizen action committees.

Anderson, 39, earned her doctor's degree in home economics and adult education from Iowa State and her master's degree in child development and children/family from Wisconsin, where she also received the bachelor's degree in home economics education. Author of extension publications on home economics, she was a delegate to the national assembly of the American Home Economics Association in 1976, 1977 and 1978.

Anderson was the first woman ever to receive a University of Wisconsin Extension fellowship. She was also named

Outstanding Extension Educator for Iowa State in 1979, as well as its Outstanding Young Alumnus in 1977.

Foundation Chairman of the Board Russell G. Mawby said the foundation has made grants totaling more than \$643 mil-

lion since its beginning in 1930, to support projects that are focused on the application of existing knowledge to the problems of people. The foundation's three fields of interest are agriculture, education and health.

Scheraga Receives Danish Prize for Biochemistry Work

Harold A. Scheraga, the Todd Professor of Chemistry, will receive the 1983 Kaj Linderstrom-Lang Prize of the Carlsberg Foundation of Denmark in ceremonies May 10 in Copenhagen.

An internationally recognized researcher in the physical chemistry of proteins, Scheraga will be cited for his "outstanding experimental and theoretical studies of the folding of proteins and the factors determining the shapes of biological macromolecules."

The prize which includes a gold medal and an award of 30,000 Danish kroner (about \$5,000), is named for the late director of the Carlsberg Laboratory and is

given every three years to recognize outstanding contributions in the areas of biochemistry or physiology. The Carlsberg Foundation and Laboratory are supported by profits of the Carlsberg and Tuborg breweries.

Scheraga's experimental and theoretical work is directed toward two fundamental problems: How do polypeptide chains fold into the native, biologically active structures of proteins? and how do these folded proteins express their biological function? One of the systems investigated in his research program is the thrombin-induced conversion of fibrinogen to fibrin, an important step in the blood-clotting process.

Five Young Scientists Here Receive NATO Postdoctoral Fellowships

Five young scientists here are among 50 in the U.S. to be awarded North Atlantic Treaty Organization (NATO) Postdoctoral Fellowships in Science.

The awards, announced Tuesday, April 12, by the National Science Foundation and the Department of State, allow full-time postgraduate study abroad at institutions and laboratories in NATO countries or in countries that cooperate with NATO.

Receiving postdoctoral fellowships at Cornell are Douglas C. Knipple, who will study molecular biology at the Max Planck Institut fur Virusforschung, West Germany; Kenneth G. Ross, entomology, Institut fur Biologie III, Tubingen, West Germany; Jan Svejnar, economics, University of Louvain, Belgium; Jonathan D. Walton, phytopathology, University of Rome, Italy; and Nancy G. Wolf, ecology, McGill University, Canada.

Cornell is the only American university with as many as five NATO Postdoctoral

Fellowships in 1983.

The fellowship program was initiated by NATO in 1959 to advance science and technology and to promote closer collaboration among NATO members and associated countries. Each NATO country administers the program for its own nationals. At the request of the Department of State, the National Science Foundation administers the NATO-funded program for U.S. nationals.

NATO Fellows will receive a stipend of \$1,500 a month for up to 12 months. In addition, dependency allowances and limited allowances for round-trip travel are provided.

The awardees were selected by the National Science Foundation from 350 applicants on the basis of their proposed plans of study after initial review and evaluation by panels of scientists who are expert in their specialized fields.

Feigenbaum Wins Atomic Energy Award

Mitchell J. Feigenbaum, professor of physics in the Laboratory of Atomic and Solid State Physics, is among five American scientists to receive the 1982 Ernest Orlando Lawrence Memorial Award for outstanding contributions in the field of atomic energy.

The award, which includes a gold medal, a citation and \$5,000, is given by the U.S. Department of Energy to U.S. citizens who are early in their careers and who have made recent meritorious contributions to the development, use or control of atomic energy.

In the past, the prize has been awarded to distinguished physicists in both high energy and condensed matter physics, including Nobel Laureates Feynman, Rainwater, Gell-Mann, Cronin, Fitch, Richter and Ting. Other 1982 recipients are George Chapline, Jr., of Lawrence Livermore National Laboratory; Michael J. Lineberry, Argonne National Laboratory; Nicholas Turro, Columbia University; and Raymond E. Wildung of Pacific Northwest Laboratory.

Feigenbaum earned the Ph.D. in physics from Massachusetts Institute of Technology in 1970 and joined the Cornell Department of Physics as a research associate and instructor the same year. From 1972 to 1974 he was a research associate at Virginia Polytechnic Institute, then joined the staff of Los Alamos National Laboratory.

Feigenbaum was a Fellow at the Institute for Advanced Studies in 1978 and in 1981 was named a Fellow in the Theoretical Division of Los Alamos National Laboratory, a position he still holds. He was appointed professor of physics at Cornell in 1982.

Feigenbaum's discoveries are leading to major progress in the studies of the onset of turbulence and are having an impact on the understanding of a wide variety of physical phenomena. As a result of his work, physicists are better able to predict such measurable properties as the velocity and temperature fluctuations in real fluids and to understand these universal predictions.

Norman T. Uphoff, member of the faculty of the Department of Government at Cornell University, has been appointed to a three-year term as a member of the Research Advisory Committee of the U.S. Agency for International Development.

This committee is being reorganized by USAID with its membership reduced from 22 to 11 members. The new committee, according to M. Peter McPherson, administrator of USAID, will deal with policies, strategies and priorities for research while a separate review mechanism deals with individual research proposals. Members of the RAC will participate in this review process in a consultative role, he said.

Engineering Teachers Receive Recognition

Raymond G. Thorpe, associate professor of chemical engineering has received the annual \$1,500 Award for Excellence in Engineering Teaching this spring for the second time. He was previously selected in 1974.

Also selected for an engineering teaching award is James Maroney, a graduate student in the School of Electrical Engineering. This award for teaching assistants, was instituted this year and is accompanied by a \$200 prize.

Both awards are sponsored by the Cornell Society of Engineers, an alumni group, and the Cornell chapter of Tau Beta Pi, national student honorary society in engineering. The recipients are chosen on the basis of nominations by students in the College of Engineering.

Thorpe has taught at Cornell since 1951. A specialist in phase equilibrium and fluid flow, he holds the B.Chem.E. degree from Rensselaer Polytechnic Institute and the M.Chem. E. from Cornell.

Cornell Chronicle

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

Jobs

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

Administrative/Professional
Recruiting Coordinator (Career Center)
Clerical
Administrative Aide, GR20 (Division of Nutritional Sciences)
Secretary, GR19 (Lab. of Atomic & Solid State Physics)
Stockkeeper, GR19 (Lab. of Atomic & Solid State Physics)
Office Assistant, GR18 (Unions and Activities)
Secretary, GR18 (Computer Science)
Office Assistant, GR19 (School of Hotel Administration)
Secretary, GR18 (School of Technical & Aerospace Engr.)

Technical
Technician, GR22 (Entomology, Geneva, NY)
Technical Coordinator, GR21 (Chemistry)
Technician, GR21 (Diagnostic Laboratory)
Part-time
Secretary, GR17 (University Press)
Academic
Research Associate IV (Biochemistry, Molecular and Cell Biology)
Research Associate (School of Electrical Engineering)

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

Employees Win Service-Improvement/Cost-Reduction Awards

A total of \$2,400 in cash prizes has been awarded to 13 winners in the University's annual "Service Improvement/Cost Reduction Awards Program."

The top prize of \$500 went to James Mason, manager of Media Services and Robert Topor, assistant director of Media Services, for the development of a technique which allows:

—original keystrokes of a word processor to activate a photo-typesetter. This innovation has resulted in a 50 percent labor savings for manuscript preparation and has reduced typesetting costs by \$30 a page.

During an awards ceremony for all the winners last week, Senior Vice President William G. Herbster, said the innovation exemplifies the success of Cornell's service improvement efforts on campus and as a trend-setter nationwide.

He pointed out that the technique is being adopted by other publications services and has been described in detail in "The Office" magazine.

The technique is also another example, Herbster said, of "the collaborative efforts within the various departments of the University to improve services."

One of the innovators, Topor said, "The staff of the University's Graphic Arts Services, Dick and Barbara Gingras and Don Rollo, were instrumental in helping Media Services in the project."

The prize money goes to the units in which the winning ideas were developed, to be used, preferably, to celebrate the accomplishment and honor the particular individuals concerned, Herbster said.

Several of this year's winning ideas have been entered in the National Association of College and University Business Officers' annual cost saving competition which offers a first prize of \$10,000. Cornell has won more than \$3,000 in these competitions over

the past several years.

Following is a list of the other awards in this year's Cornell competition with the principal person or persons responsible for the idea, the unit concerned and a brief description of the innovation.

—\$250 award to a campus-wide committee; Richard McDaniel, assistant director of Campus Store: for implementation of a campus I.D. card system resulting in \$28,000 of savings, improved card control and consolidation of card uses over the next five years.

—\$250 award to Office of Dean of Students; David Drinkwater, dean of students: for increasing the number of personal growth workshops offered students by recruiting and training qualified faculty and staff to conduct the workshops.

—\$250 award to Facilities and Engineering Services Building; Merrit E. Hartz, director of plant operations: for a technique to reduce waste steam at the central heating plant, resulting in \$300,000 in annual savings in electric and steam energy costs.

—\$250 award to University Libraries, Alan Lentini, director of administration operations: for saving \$30,000 annually by training library employee to do all servicing on copy machines.

—\$150 award to Public Affairs; James Brinkerhoff, director of Public Affairs records: for a method of speeding up gift check processing resulting in acknowledging gifts sooner and providing University with additional interest income of some \$4,000 annually.

—\$150 award to Laboratory of Nuclear Studies; Robert Griesemer, executive director: for design and construction of a power waveguide switch resulting in \$66,000 in annual savings in parts and energy costs.



Employees involved in the development of the winning innovation in this year's "Service Improvement/Cost Reduction Awards Program," receive recognition from Senior Vice President William G. Herbster, at right. From left are Don Rollo, manager of Graphic Arts; Richard Gingras, assistant manager; James Mason, manager of Media Services; Barbara Gingras, copy preparations specialist, Graphic Arts; Karen Carlson, word processing technician, Media Services; Robert Topor, assistant director of Media Services; and Herbster.

—\$150 award to Office of the Bursar; Richard W. Banks, associate bursar: for hiring senior citizens for the student loan and student account collections department, resulting in an estimated \$92,000 annual savings in collection expenses and significantly increased effectiveness.

—\$150 award for College of Human Ecology; Michael Ames, electronics technician: constructed and installed electronic temperature controllers in older laboratory ovens, increasing life of stoves and saving \$70 in repair costs per stove.

—\$150 award for Registrar's Office; Keith Ickes, University Registrar: for providing on open access area where students receive individual attention resulting in a doubling of student contact and improved service.

—\$150 award to Personnel Department; Nancy Hicks: for developing an audio-visual program to explain retirement benefits to employees at a savings of \$6,000 over what would have been spent by contracting the development of the program to an outside agency.

—\$50 award to Facilities and Engineering Service Building; Robert Snell, engineer in energy management: for consolidating heating space use through the reworking of heating ductwork systems in Uris Hall for an annual savings in energy costs of \$60,000.

—\$50 award to Facilities and Engineering Service Building; Hartz: for installing heat recovery coils to heat water being supplied to boilers at the central heating plant at an annual savings of \$60,000 over the first year of operation.

Graduate Bulletin

NOTICE: May 20 is deadline for submission of all materials for a May degree. No exceptions to this deadline will be made.

Any add/drop or changes to course registration for Spring Semester, 1983 may still be made with a petition and the \$10 late processing fee through Monday, May 2.

REMINDER Students whose files are not up-to-date will soon be contacted and asked to supply necessary information. This will include undergraduate transcripts, advisor and committee member names and missing term reports. Students who have been informed of this before and have not corrected the problem should act now to avoid future difficulties.

All graduate students who will be receiving student aid (e.g., fellowships, tuition awards, assistantships, etc.) during the summer term must register with the Graduate School by Summer Graduate Registration (SGR), by May 23 in order to be eligible to receive their award. All full-time students registered by SGR are reminded that hourly employment may not exceed 20 hours per week from all sources. Students supported by fellowships are subject to the same additional limitations on hourly employment as are enforced during the academic year.

All graduate students who are New York State residents and who will be registered during the 1983-84 academic year should apply to the New York State Tuition Assistance Program (TAP) for 1983-84. Any student receiving tuition assistance from Cornell University who meets New York state residency requirements should submit his/her application to the New York State Higher Education Services Corporation (NYSHESC) by July 1st to avoid delays in the processing of his/her TAP payment. Students who received TAP awards in 1982-83 should have had applications mailed directly to their address by NYSHESC. TAP Student Payment Applications may be obtained by writing to the New York State Higher Education Services Corporation, Tower Building, Empire State Plaza,

Albany, NY 12255, or from the Bursar's Office, 260 Day Hall or the Graduate Fellowship Office, 116 Sage Graduate Center.

Graduate students should be aware that for most academic year fellowships, the final payment will be on the first Monday in May. Students who will be supported by fellowships or assistantships during the summer term should contact the office administering the award to insure that the necessary paperwork will be processed promptly.

Graduate students who are successful in the 1983 Graduate Summer Fellowship Competition and the 1983 Graduate Summer School Tuition Award Competition should be notified by the second week of May. Lists of recipients will also be sent to the graduate faculty representatives then.

Student Program Behavioral Research, Chicago Zoological Park, Brookfield, Illinois: The Student Research Program at Brookfield Zoo provides (1) an introduction to zoos as arenas for conservation, research and educational activities; (2) practical learning experience in research design, data acquisition, data analysis, interpretation of results and communication of research results; (3) an opportunity for graduate students and advanced undergraduates to make, and assist in making, original scientific contributions of practical and theoretical significance. Applications are due July 15, 1983, for the Fall 1983 term. Applications may be obtained at the Graduate Fellowship Office, 116 Sage Graduate Center.

June 1, 1983: Legislative Fellowships on Women and Public Policy — The program, funded by the Revson Foundation, is designed to develop specialists in policy issues of concern to women, while increasing the capacity of the New York State Legislature to address such issues. The Legislative Fellowship Program carries a stipend of \$8,000 from January to July, 1984. Tuition for the twelve credits will be deducted from the stipend. Twelve fellowships will be awarded for the 1984 legislative session. Applications are available from the Center for Women in Government, Draper Hall, Room 302, State University of New York at Albany, 1400 Washington Avenue, Albany, New York 12222.

Computer Purchase Approved

The Board of Trustees Tuesday approved the purchase of an IBM 308ID computer system for Cornell Computer Services.

Meeting in New York City, the Executive Committee authorized the expenditure of \$2.5 million for this mainframe computer, which will be acquired from IBM at a special university discount of 40 percent. When it is installed in July, the new system will replace a nine-year-old, technolog-

ically obsolete IBM 370/168.

The IBM 308ID is expected to provide three times the computing power for increased administrative and research computing while costing about \$400,000 less per year to operate, according to Kenneth M. King, vice provost for computing at Cornell. The new system will be paid for, over a four-year period, from the operating budget of Cornell Computer Services.

Summary of Trustee Actions Tuesday

Actions and reports of the Executive Committee of the Board of Trustees of Cornell University meeting in New York City Tuesday included:

1. A report of President Frank Rhodes.
2. A report by Senior Vice President William G. Herbster on the status of the current fiscal operations of all units of the university for the period ending March 31.
3. Reports of the Buildings and Properties Committee by Earl Flansburgh, its

chairman.

4. Approval of the minutes of the Executive Committee meeting of March 25, 1983.

5. Authorization to execute a loan agreement with the U.S. Department of Education's College Housing Loan Program for energy conservation measures in the residence halls.

6. Approval of a series of recommendations related to university facilities.

Streets Will Be Closed During Phi Psi 500

Several streets in Collegetown and on campus will be closed to automobile traffic from 11 a.m. to 6 p.m. Saturday, April 30, during the running of the annual Phi Psi 500 race.

The intersections at Stewart Avenue and Campus Road, Campus Road, Campus Road and Central Avenue, Dryden Road and Eddy Street, and Dryden Road and College Avenue will be closed for the race.

No through west-bound traffic will be permitted on Campus Road from East Avenue. West Avenue will be closed to south-bound traffic. Motorists may enter the campus via Route 366 and Judd Falls Road.

Spectators for the lacrosse game and

baseball double-header may reach the playing fields via Route 366 and Judd Falls Road. Parking for these events is available on Kite Hill behind Schoellkopf Stadium.

For further information, call the Office of Transportation Services at 256-4628 or the Department of Public Safety at 256-1111.

Print Shop Plans Open House

The University Print Shop, located at the intersection of Route 366 and Judd Falls Road, on the southwest corner, will have an open house from 9 a.m. to 3:30 p.m. Wednesday, May 4.

Calendar

All items for publication in the Calendar section, except for Seminar notices, must be submitted (typewritten, double-spaced) by mail or in person to Fran Apgar, Central Reservations, 532 Willard Straight Hall at least 10 days prior to publication. Seminar notices should be sent to Barbara Jordan-Smith, News Bureau, 110 Day Hall, by noon Friday prior to publication. Items should include the name and telephone number of a person who can be called if there are questions, and also the subheading of the Calendar in which it should appear (lectures, colloquia, etc.). **ALL DEADLINES WILL BE STRICTLY ENFORCED.**

*—Admission charged.

Announcements

Cornell Garden Plots

Garden Plots located on the Warren Farm, Ellis Hollow Road and near Cornell Quarters are available to members of the Cornell Community on a first come-first served basis through the Cornell Garden Plot Committee. Large plots, 20x50 feet are \$8 for the season and small plots 20x25 feet are \$5. The Committee requests no money be sent at this time. Interested gardeners can sign up for a plot by sending a self-addressed stamped envelope to: Cornell Garden Plots, P.O. Box 843, Ithaca NY 14851. The land for the gardens is donated by the NYS College of Agriculture and Life Sciences.

E.A.R.S.

EARS-Cornell peer counseling service, is now open from 3-11 p.m. Sunday through Thursday, 7-10 p.m. Friday and Saturday. Walk-in Willard Straight Hall, Room 211, or call 256-EARS or 256-RAGE. This service is free, confidential and open to all members of the Cornell community. E.A.R.S., we hear you.

Thursday

Apr. 28, 4 p.m. Goldwin Smith Temple of Zeus. Shifley Kaufman, poet and translator, will be reading her poetry. An open reading will follow. Sponsored by the Creative Writing/Reading Committee of the English Department.

1982-83 Flora Rose Prize Nominations
Submit nominations to Barbara Morse or Roger Richardson, N101 MVR, on or before Friday, April 29, 1983.

Mother's Day Cards

The Task Force for Battered Women is holding its annual Mother's Day Card Sale. On campus, the cards can be purchased at the Commons Coffeehouse and the Temple of Zeus. On April 28, May 2 and 3 they will be on sale at Willard Straight Hall. All proceeds will benefit the Task Force, which provides services to battered women and their children.

Cornell Nuclear Holiday

Friday

Apr. 29, 11 a.m. Anabel Taylor Founders Room. Workshop: "Cornell and the Military." Sponsored by Cornell Peace Council.

Apr. 29, 12 noon Meet in front of Willard Straight Hall. Tree Planting Ceremony. Sponsored by Cornell Peace Council and Ecology House.

Apr. 29, 1 p.m. Anabel Taylor Founders Room. Workshop: "Nuclear Weapons Facilities in Central New York." Sponsored by Cornell Peace Council.

Apr. 29, 2 p.m. Anabel Taylor Founders Room. Film: "South Africa: The Nuclear File." Sponsored by South African Divestment Coalition and Cornell Peace Council.

Sunday

May 1, 8 p.m. Statler Auditorium. "Yi-83": an annual Chinese Cultural Show presented by the Hong Kong Student Association, Chinese Dance Company, International Students Programming Board, M.F.C., S.F.C., and the Third World Student Program Board.

Colloquia

Tuesday

May 3, 4:30 p.m. Space Sciences 105. "Earth Approaching Asteroids." Dr. Lucy McFadden, Baltimore, Maryland. Astronomy and Space Sciences Colloquium.

Dance

Dance Concert

Theatre Cornell will close its 1982-83 season with "Dance Concert '83", to be presented in the Willard Straight Theatre at 8:15 p.m. May 6 and 7, and at 2:30 p.m. May 8.

This annual Dance Concert features choreo-

graphy by faculty and advanced students in the Dance Program, a division of the Department of Theatre Arts. Advanced students will present pieces developed in composition classes and through independent study projects. Members of the Dance faculty will present pieces choreographed especially for students, and works choreographed for professional appearances.

"Dance Concert '83" features work in a wide range of styles and methods. Peggy Lawler will present a piece for herself and three dancers, which she plans to use on her annual tour. Peter Saul, Nancy Gaspar Niven, and Lonna Wilkinson have choreographed new dances for student dancers; the first in ballet, the second a "dance-theatre" piece, and the third in the modern dance style. Student choreographers, Scott deLahunta, and Stephanie Schmid, will show a duet and quartet, respectively. David Borden has composed original music for the Wilkinson and deLahunta pieces. Rounding out the program is Bruce Jones, who will dance traditional Scottish dances.

Tickets are available at the Theatre Cornell box office, lower floor Willard Straight Hall. Tickets are \$5.00 adults/\$4.00 students and senior citizens (evenings) and \$4.00 adults/\$3.00 students and senior citizens (matinee). For information to place a reservation, call the Theatre Cornell box office, 256-5165 between the hours of 1-6 p.m.

Thursday

Apr. 28, 8 p.m. Goldwin Smith Kaufmann Auditorium. Concert in Indian Classical Dance by Mallika Sarabddi and party. Sponsored by Cornell India Association, Council for the Creative and Performing Arts, Graduate Activities Funding Commission.

Exhibits

Olive Tjaden Hall Gallery A Photographic Exhibition by Robert DiGiacomo. Through April 30.

Laboratory of Ornithology. "Amazonian Birds-Original Watercolors by Julie Zickefoose." Opens Monday, May 2 at 9 p.m. Artist Julie Zickefoose will be at the Laboratory to open her show of watercolors created for an upcoming field guide to selected birds of Brazil's Amazon region. Also: "The Shorebirds of North America" by Robert Verity Clem, through April. The Laboratory is located at 159 Sapsucker Woods Road and is open Mon-Thurs. 8 a.m.-5 p.m., Fri. 8 a.m.-4 p.m., and Sat. & Sun. 10 a.m.-5 p.m.

Herbert F. Johnson Museum "The 9th Annual Video Festival" through May 1. The Ithaca Video Festival opens its season at the Museum before it travels to more than 200 colleges, universities, and museums in the U.S., Canada, Europe, and Japan. Comprised of approximately 3 hours of video art work, this festival will feature 22 artists selected from 226 entries.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday

Apr. 28, 4:30 p.m. *Uris Hall Auditorium. "No Place to Hide" (1982), directed by Lance Bird and Tom Johnson. Shown with: "Countdown for America." Co-sponsored by Physics and Government Departments.

Apr. 28, 8 p.m. Uris Hall Auditorium. "Communique from Argentina" and "With the Cuban Women." Sponsored by Committee on U.S. Latin American Relations. Free and open to the community.

Friday

Apr. 29, 7:30 & 10:30 p.m. *Statler Auditorium. "The World According to Garp" (1982), directed by George Roy Hill, with Robin Williams.

Apr. 29, 9:45 p.m. *Uris Hall Auditorium. "Veronika Voss" (1982), directed by R.W. Fassbinder, with Rosel Zech, Hilmar Thate, Cornelia Froboess.

Apr. 29, 12 midnight *Uris Hall Auditorium. "The T.A.M.I. Show" (1965), directed by Steve Binder, with The Rolling Stones, The Supremes, Chuck Berry, James Brown, among others.

Saturday

Apr. 30, 8 p.m. *Uris Hall Auditorium. "Veronika Voss."

Apr. 30, 8 p.m. Risley Music Room. Risley Free Film Series: "Barbarella." Free and open to the community.

Apr. 30, 10:15 p.m. *Uris Hall Auditorium. "The T.A.M.I. Show."

Sunday

May 1, 8 p.m. *Uris Hall Auditorium. "Dark Circle" (1982), directed by Judy Irving, Chris Beaver, Ruth Landy, with documentary cast. Ithaca premiere.

Monday

May 2, 8 p.m. *Uris Hall Auditorium. "The Stunt Man" (1980), directed by Richard Rush,

with Peter O'Toole, Barbara Hershey, Steve Railsback.

Tuesday

May 3, 4:30 p.m. Uris Hall Auditorium. "Japanese Experimental Films" (1960-1980). Part I. Co-sponsored by ChinaJapan Program.

May 3, 8 p.m. Uris Hall Auditorium. "Japanese Experimental Films" (1960-1980). Part II. Co-sponsored by ChinaJapan Program.

Wednesday

May 4, 8 p.m. *Uris Hall Auditorium. "Apple War" (1973), directed by Tage Danielson, with Max von Sydow.

Thursday

May 5, 8 p.m. *Uris Hall Auditorium. "Word is Out" (1978), directed by Mariposa Film Group, with documentary cast. Co-sponsored by GAYPAC.

Friday

May 6, 8 p.m. *Statler Auditorium. "Taxi Zum Klo" (1981), directed by Frank Ripploh, with Frank Ripploh, Magdalena Montezuma.

May 6, 9:30 & midnight *Uris Hall Auditorium. "Videodrome" (1983), directed by David Greenberg, with James Woods, Debbie Harry.

Saturday

May 7, 8 p.m. *Statler Auditorium. "Giant" (1956), directed by George Stevens, with Rock Hudson, Elizabeth Taylor, James Dean.

May 7, 8 p.m. *Uris Hall Auditorium. "Videodrome."

May 7, 10 p.m. *Uris Hall Auditorium. "Taxi Zum Klo" (1981).

Sunday

May 8, 8 p.m. *Uris Hall Auditorium. "Top Hat" (1935) directed by Mark Sandrich, with Fred Astaire, Ginger Rogers.

Monday

May 9, 8 p.m. *Uris Hall Auditorium. "Meet Me in St. Louis" (1944), directed by Vincent Minnelli, with Judy Garland, Margaret O'Brien.

Tuesday

May 10, 8 p.m. *Uris Hall Auditorium. "It's Always Fair Weather" (1955), directed by Gene Kelly/Stanley Donen, with Gene Kelly, Cyd Charisse.

Wednesday

May 11, 8 p.m. *Uris Hall Auditorium. "Finian's Rainbow" (1968); directed by Francis Ford Coppola, with Fred Astaire, Petula Clark.

Thursday

May 12, 8 p.m. *Uris Hall Auditorium. "Nashville" (1975), directed by Robert Altman, with Ronnee Blakely, Henry Gibson.

Friday

May 13, 10 p.m. *Uris Hall Auditorium. "Derzu Uzala" (1975), directed by Akira Kurosawa, with Maxim Munzuk, Yuri Solomin.

Friday & Saturday

May 13, & 14, 8 p.m. *Statler Auditorium. "One From the Heart" (1982), directed by Francis Ford Coppola, with Frederick Forrest, Nastassia Kinski.

Saturday

May 14, 8 p.m. *Uris Hall Auditorium. "Derzu Uzala" (1975).

Sunday

May 15, 8 p.m. *Uris Hall Auditorium. "Come and Get It" (1936), directed by Howard Hawks, with Frances Farmer, Joel McCrea, Edward Arnold.

Lectures

Thursday

Apr. 28, 12:15 p.m. Goldwin Smith 156. "Global Deforestation and the Carbon Cycle in the 19th and 20th Centuries." John Richards, Duke University. Sponsored by Rural Development Committee of the Center for International Studies.

Apr. 28, 12:20 p.m. 102 West Ave. Southeast Asia Program Luncheon Seminar: "Education, Employment and Class Linkages in South and Southeast Asia: Research on Women." Dr. Hanna Papanek, Senior Research Associate for Asian Development Studies, Boston University.

Apr. 28, 4:30 p.m. Morrill 106. "On Recognizing Choice Points of Language." Professor Joe E. Grines, Linguistics, Cornell. Sponsored by Cornell Linguistics Circle.

Apr. 28, 7 p.m. Anabel Taylor Founders Room. "The Logical Certainty of Christian Science Healing." Bruce Fitzwater, CSB, member of the Christian Science Board of Lectureship. Sponsored by the Christian Science Organization at Cornell. Free and open to the community.

Apr. 28, 7:30 p.m. Stimson G-1. Jordani: Natural History Society: "Gyrfalcons in Iceland." Olafur Nielson.

Apr. 28, 8 p.m. Statler Auditorium. "Cornell Nuclear Holiday." "Reagan's Arms Proposals Raising the Risk of Nuclear War." Daniel Elisberg. Sponsored by Cornell Peace Council, I.F.C., Women Against Militarism, Ithaca Women's Resource Center, W.S.H. Program Board, Division of Campus Affairs, Center for

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World Community, Cruise Missile Action Project, Cornell Daily Sun. Free and open to the public.

Friday

Apr. 29, 4:15 p.m. Goldwin Smith 224. "The Divided Heroine: A Recurrent Pattern in 'Wuthering Heights', 'The Mill on the Floss', 'Tess of the d'Urbervilles'." H.M. Daleski, Professor of English, The Hebrew University. Sponsored by the Department of English.

Apr. 29, 4:30 p.m. Goldwin Smith Hollis Cornell Audit. Society for the Humanities Symposium: "The Price of Commitment: Chinese Intellectuals Since the Cultural Revolution." Frederic Walkeman, Jr., University of California at Berkeley, and Jonathan D. Spence, Yale University.

Apr. 29, 7:30 p.m. Uris Hall 202. "Preserving Our Heritage: The Lesbian Herstory Archives of New York City." a slide presentation by Joan Nestle and Deb Edel, Lesbian Herstory Educational Foundation, New York City. Sponsored by Women's Studies Program and Ithaca Women's Resource Center.

Monday

May 2, 4:30 p.m. Goldwin Smith 24. "Viking Art: Its Nature and Relations With the European Tradition." Dr. Sigre Horn Fugelsang, a senior archeologist, State Division of Archeology in Norway. Sponsored by Department of English. Lecture 1 in a series of 3.

May 2, 7:30 p.m. Anabel Taylor One World Room. America and World Community: "New Age Communities," a documentary film.

May 2, 8:15 p.m. Goldwin Smith 24. "Viking Art: Its Nature and Relations With the European Tradition." Dr. Sigre Horn Fugelsang, a senior archeologist, State Division of Archeology in Norway. Sponsored by Department of English. Lecture 2 in a series of 3.

Tuesday

May 3, 4 p.m. Goldwin Smith 124. "Minoan and Helladic Elements in Mycenaean Religion." Robin Hagg, Director, Swedish Institute in Athens.

May 3, 4:30 p.m. Goldwin Smith 24. "Viking Art: Its Nature and Relations With the European Tradition." Dr. Sigre Horn Fugelsang, a senior archeologist, State Division of Archeology in Norway. Sponsored by Department of English. Lecture 3.

May 3, 8 p.m. Goldwin Smith 124. "The Fresco From Xeste 3." Nanno Marinatos Hagg, Swedish Institute in Athens, Sponsored by Archaeological Institute of America-Finger Lakes Society.

Thursday

May 5, 12:20 p.m. 102 West Ave. Southeast Asia Program Luncheon Seminar: "Forest Conversion and Maintenance in East Kalimantan: Studies in Human Ecology." Professor Andrew P. Vayda, Rutgers University.

May 5, 4:30 p.m. H.F. Johnson Museum Lecture Room. "The Folk Art of Korea." Robert Moes, Curator of Oriental Art, Brooklyn Museum. Sponsored by Friends of the Museum.

May 5, 7:30 p.m. Stimson G-1. Jordani: Natural History Society: "Evolutionary Aspects of Flies and Fungi." Dr. Robert Lacy, Franklin and Marshall College.

Music

Cellist Cranham to be Featured

Cellist Lynden Cranham will be featured with Edward Murray and the Cornell Symphony Orchestra in a spring concert at 8:15 p.m. Saturday, April 30, Bailey Hall. The concert is free to the public. Cranham will be soloist in the Cello Concerto by Sir Edward Elgar.

A newcomer to Ithaca last fall, Cranham made her local debut in a Barnes Hall recital with pianist Mary Ann Covert. In February the two gave the United States premiere of a composition by Witold Lutoslawski during the Cornell festival in his honor. Recently, she played Baroque cello in a Barnes chamber music concert and another for the Friends of Music.

A native of England, Cranham began her cello study at the Royal College of Music in London. Under the tutelage of Douglas Cameron, she studied at the Royal Academy of Music, where she was awarded the Licentiate, LRAM. She is also Associate of the Royal College (ARCM), and she has received the highly regarded Recital Diploma and several other prizes. A Gulbenkian scholarship enabled her to study with Maurice Eisenberg in Portugal and later, with the aid of Countess of Munster scholarships, to continue with Eisenberg at Juilliard. Her teachers have

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LYNDEN CRANHAM

also included Christopher Bunting and Antonio Janigro.

Led by Murray, the Cornell Symphony will play a group of Hungarian Peasant Dances by Bela Bartok; the Mephisto Waltz, the second of three descriptive works by this title completed by Franz Liszt; and Three Dances from "The Three-Cornered Hat," a ballet set to music by Manuel de Falla at the request of Diaghilev and the Ballet Russe.

Bands Concert

Marches, show tunes and special novelty numbers comprise the free public program which the Cornell bands are combining to play at 4 p.m. Sunday, May 1, in Bailey Hall.

Under the direction of Professor Marice Stith, the Cornell Symphonic Band will open the program with marches by Sousa and Patrick Gilmore, "Ye Banks and Braes O' Bonnie Doon" by Percy Grainger, Armenian Dances by Alfred Reed, "Belle of the Ball" by Leroy Anderson and selections from the popular Broadway show, "A Chorus Line," by Marvin Hamlisch and Edward Likeban.

Stith will lead the Cornell Wind Ensemble in original works for concert band: "Americans We" by Henry Fillmore, Fanfare and Allegro by Clifton Williams, Chorale and Shaker Dance by John Zdechlik, and Bolero for Band by Glenn Osser. Kathy Barkey will be trombone soloist in an arrangement of Arthur Pryor's air and variations "Blue Bells of Scotland." Ron Bukoff, Richard Bottcher and Fred Cohen will be bassoon soloists in Bukoff's arrangement of Vivaldi's Concerto in G minor.

This is the final appearance of the year for the Symphonic Band. The Wind Ensemble is scheduled to give a Senior Week concert at 2:30 p.m. Saturday, May 28, in Bailey Hall and will participate as usual in Commencement activities.

Gamelan, Choir in Final Concerts

Two university musical organizations will present their final concerts of the 1982-83 school year. The Cornell Gamelan Ensemble will perform at 8:15 p.m. Saturday, May 7, in Barnes Hall and the Sage Chapel Choir at 8:15 p.m. Monday, May 9, in the University chapel.

Music and dance of central Java, Indonesia, will be presented Saturday by the Gamelan Ensemble and noted guest artist Sumarsam. Sumarsam, a native of Java, is Artist-in-Residence at Wesleyan University.

He will drum accompaniment for the three dances on the program. These are Klana, the stylized dance of the moody, love-sick prince; Golek, dance of a young princess; and Arjuna-Jakil, the confrontation between the gentle warrior of the Mahabharata and the demon prince of the forest.

The dances will be interspersed with seven pieces of Javanese gamelan music performed by members of the beginning and advanced ensembles, directed by Martin Hatch.

Sacred music of Johannes Brahms will be featured by the Sage Chapel Choir Monday. Donald R.M. Paterson will conduct the choir.

with Glen Burdette, a graduate assistant, providing organ and piano accompaniment.

The Brahms selections, presented in commemoration of the 150th anniversary of his birth on May 7, 1833, are "How lovely is Thy dwelling place" from a German Requiem; two motets: "O Heiland, reiss die Himmel auf" and "Schaffe in mir, Gott"; and Geistliches Lied: "O heart subdued with grieving."

The Sage Choir will also sing a varied group of pieces, including "God be in my head" by H. Walford Davies, "Almighty and everlasting God" by Orlando Gibbons, "O vos omnes" by Victoria and the Crucifixus from J.S. Bach's Mass in B minor.

Both concerts are free and open to the public.

South Indian Music Scheduled

Sri Namagiripet Krishnan will present a program of South Indian music at 8 p.m. Tuesday May 10, in Anabel Taylor Auditorium.

Krishnan is considered a virtuoso of nadhswarem, a wind instrument known for its range, depth, sweetness and majesty. He first gave public performances as a child and soon attained respect and great popularity among listeners, according to critics.

A frequent name in the National Program of Music by the All India Radio, Krishnan is the most sought after nadhswarem artist in South India.

Krishnan's concert is being sponsored by the Cornell India Association in conjunction with the Council for the Creative and Performing Arts and the Graduate Activities Funding Commission.

Tickets, at \$3.50 (for non-India Association members) and \$2.50 (for members) will be available at the door the night of the concert. Advance tickets can be obtained by calling Venkat at 273-6190 or Vinod at 272-8249.

Thursday

Apr. 28, 4:30 p.m. Barnes Hall. DMA Recital: Music of Gregory Woodward and Thomas Duffy.

Saturday

Apr. 30, 8:15 p.m. Bailey Hall. Cornell Symphony Orchestra conducted by Edward Murray; Lynden Cranham, cello. Works of Liszt, DeFalla, Elgar.

Sunday

May 1, 4 p.m. Bailey. Pops Concert. Combined Cornell Bands conducted by Marice Stith. Marches, show tunes, novelty numbers.

May 1, 8:30 p.m. Anabel Taylor Commons Coffeehouse. Bound for Glory with Robin and Linda Williams, Country Folk. Free and open to the community.

Monday

May 2, 8 p.m. *Statler Auditorium. Hillel presents Naomi Shemer, Israeli singer and composer. Tickets may be purchased at the Hillel Office or Willard Straight Hall Ticket Office, Temple Beth-El, and at the door.

Tuesday

May 3, 8:15 p.m. Barnes Hall. DMA Recital. Works of Mark Laporta.

Wednesday

May 4, 8:15 p.m. Barnes. Student Chamber Music I. Works of Bach and Beethoven.

Friday

May 6, 8:15 p.m. Barnes. Student Chamber Music II. Works of Beethoven and Brahms.

Saturday

May 7, 8:15 p.m. Barnes. Cornell Gamelan Ensemble directed by Martin Hatch; guest musician Sumarsam. Music and dance of Central Java.

Sunday

May 8, 3 p.m. *Bailey Hall. Faculty Committee on Music Concert: Cleveland Orchestra conducted by Erich Leinsdorf. Works of Mozart, Schubert.

May 8, 8:30 p.m. Anabel Taylor Commons Coffeehouse. Bound for Glory with Fred Small with Outstanding Topical Songs. Free and open to the community.

Monday

May 9, 8:15 p.m. Sage Chapel. Sage Chapel Choir conducted by Donald R.M. Paterson. Works of Gibbons, Victoria, Bach, Brahms.

Tuesday

May 10, 8 p.m. Anabel Taylor Auditorium. Concert in Indian Classical Music by Namagiripet Krishnan and party. Sponsored by Cornell India Association, Council for the Creative and Performing Arts, Graduate Activities Funding Commission.

Religious Activities

Sunday

May 1 Ithaca Baptist Church, 1825 Slaterville Road. 9:45 a.m. Bible Study; 11 a.m. Worship Service; 1 p.m. Dish-to-Pass Luncheon; 2:30 p.m. Church Constituting Service followed by a reception.

May 1, 12:30 p.m. Temple Beth-El. Brunch reception and discussion by Rabbi Harold Kushner. Reservations must be made in advance at the Temple.



Erich Leinsdorf will conduct the Cleveland Orchestra in concert at 3 p.m. Sunday, May 8, in Bailey Hall. Tickets for the concert are available at the Lincoln Hall Ticket Office, open weekdays 9 a.m. to 1:30 p.m., telephone 256-5144. The orchestra will perform Mozart's Symphony No. 39, K. 543 and Schubert's Symphony No. 9, "The Great."

Religious Services

Friday

Apr. 29, 6 p.m. Anabel Taylor Founders Room. Conservative/Egalitarian Services.

Apr. 29, 6 p.m. Anabel Taylor Chapel. Reform Services.

Saturday

Apr. 30, 9:15 a.m. Anabel Taylor Edwards Room. Conservative/Egalitarian Services.

Sunday

May 1, 11 a.m. Sage Chapel. Sage Chapel Service: Harold Kushner, Rabbi, Temple Israel, Natick, MA.

May 1, 11:15 a.m. Anabel Taylor Chapel. Protestant Cooperative Ministry Service: Robert V. Smith, Chaplain Protestant Cooperative Ministry: Holy Communion.

Friday

May 6, 6 p.m. Anabel Taylor Founders Room. Conservative/Egalitarian Services.

May 6, 6 p.m. Anabel Taylor Chapel. Reform Services.

Saturday

May 7, 9:15 a.m. Anabel Taylor Edwards Room. Conservatives/Egalitarian Services.

Sunday

May 8, 11 a.m. Sage Chapel. Sage Chapel Service: Donald W. Shriver, Jr., President, Union Theological Seminary (NYC).

May 8, 11:15 a.m. Anabel Taylor Chapel. Protestant Cooperative Ministry Service: Joyce Irwin, Protestant Cooperative Ministry Choir Director.

Seminars

Agronomy: "Beef Cattle Forage Research at the Harford Teaching and Research Center," Robert F. Seane, 4 p.m. Tuesday, May 3, 135 Emerson Hall.

Applied Mathematics: "A Chaotic Attractor of A 4-Dimensional Flow," Edward N. Lorenz, MIT, 4 p.m. Thursday, April 28, 155 Olin Hall.

Atomic and Solid State Physics: Theory Seminar: "Wave Packets in Superfluid ³He," D. Rainer, University of Bayreuth, 1:15 p.m. Thursday, April 28, 701 Clark Hall.

Atomic and Solid State Physics: Special Theory Seminar: "Quantum Noise in Normal Tunnel Junctions," G. Schon, ITP Santa Barbara, 11:15 a.m. Friday, April 29, 701 Clark Hall.

Atomic and Solid State Physics: Solid State Seminar: "Melting in Two-Dimensions," R.J. Birgeneau, MIT, 4:30 p.m. Tuesday, May 3, 700 Clark Hall.

Biochemistry: "Lectin-Sugar Interactions in Biological Communication," Finn Wold, University of Texas Medical School, 4:30 p.m. Friday, April 29, 204 Stocking Hall.

Biochemistry: "Molecular Architecture of Heat Shock Loci," John T. Lis, 12:20 p.m. Monday, May 2, 125 Riley Robb.

Biochemistry: "Regulation of Gene Expression in Cyanobacteria During Heterocyst Formation," R. Hezelkorn, University of Chicago, 4:30 p.m. Friday, May 6, 204 Stocking Hall.

Biochemistry: "Interaction of Apolipoprotein A-I with Dipalmitoyl-Phosphatidylcholine Vesicles," John Wetterau, 12:20 p.m. Monday, May 9, 125 Riley Robb.

Biochemistry: "Genes of the Major Histocompatibility Locus," Lee Hood, Calif. Institute of Technology, 4:30 p.m. Wednesday, May 11, 204 Stocking Hall.

Biophysics: "Solid State NMR Studies of Molecular Dynamics and Phase Equilibria in Membranes," Robert Griffin, MIT, 4:30 p.m. Wednesday, May 4, 700 Clark Hall.

Biophysics/Biochemistry: "Genes of the Major Histocompatibility Locus," Lee Hood, CalTech, 4:30 p.m. Wednesday, May 11, 204

Stocking Hall.

Chemical Engineering: "Molecular Dynamics of Chemical Reactions in Solution," Kent Wilson, University of California at San Diego, 4:15 p.m. Wednesday, May 4, 145(A) Olin Hall.

Chemistry: Baker Lectures: "Recent Advances in the Chemistry of Graphite," John M. Thomas, Cambridge, 11:15 a.m. Tuesday, May 3, 119 Baker. Thomas will also speak on "Color Graphics and Other Visual Aids for the Teaching of Solid-State Chemistry," at 4:40 p.m. Wednesday, May 4, in 132 Baker and on "New Light on Grossly Non-Stoichiometric Solids," at 11:15 a.m. Thursday, May 5, 119 Baker.

Chemistry: "Monomeric Metaphosphates," Frank H. Westheimer, Harvard University, 11:15 a.m. Friday, May 6, 335 Baker Laboratory.

CISER: "Retirement Economics," Olivia Mitchell, "Formative Processes in the Life Course," pro-seminar series, 12:15 p.m. Friday, April 29, 360 Uris Hall.

Ecology and Systematics: "A Sedimental Journey: Ecology of the Microscopic Benthic Animals of Mirror Lake, New Hampshire," David L. Strayer, 4:30 p.m. Wednesday, May 4, Morison Seminar Room, Corson Hall.

Floriculture and Ornamental Horticulture: "Urban Horticulture Institute Site Microclimate Project," Louise Mudrak, Urban Horticulture Institute, 12:15 p.m. Thursday, April 28, 37 Plant Science.

Floriculture and Ornamental Horticulture: "Polyoldehydrogenases in Higher Plants," Fayek Negm, 12:15 p.m. Thursday, May 5, 37 Plant Science.

General Chemistry: "Statistical Aspects of Chemical Change: Interpreting Experimental Results," Curt Wittig, University of Southern California, 4:40 p.m. Thursday, April 28, 119 Baker Laboratory.

Genetics: "Single Copy Sequences II: On The Structure and Function of the Decapentaplegic Locus in Drosophila," William Gelbart, Harvard

Continued on Page 7



Israeli songwriter Naomi Shemer will appear in concert at 8 p.m. Monday, May 2, in Alice Statler Auditorium. Tickets, \$5 in advance and \$6 at the door, are on sale at Willard Straight Hall, Temple Beth-El and the Hillel office in Anabel Taylor Hall.

Rachel Tigner Wins Dean Book Collection Contest

Rachel Tigner, a junior in the College of Arts and Sciences, has won the 1983 Arthur H. Dean and Mary Mardon Dean Book Collection Contest with a 50-volume collection of letters ranging from Cicero to the contemporary American literary figure E.B. White, a 1921 graduate of Cornell.

A lifetime resident of Ithaca, Tigner is the daughter of Maury and Nancy Tigner. Her father is a professor of physics at the university.

The prize includes a \$250 cash award and a copy of the book "The Cornell Campus: A History of its Planning and Development," by K.C. Parsons.

All 31 entrants in the contest, held every two years since 1966, received copies of Parsons' book.

The winners were announced at a reception Friday afternoon (April 22) in the President Andrew D. White Library of Uris Library.

Second prize worth \$175 went to Nicholas Hentoff, a junior in the College of Arts and

Sciences, for a collection on "American Slavery."

Third prize worth \$100 went to Ames Brown, a sophomore in the College of Agriculture and Life Sciences, for a collection titled "The Green Thumb's Excursion Into the Plant World."

There were three honorable mention awards worth \$50 each which went to:

—Marianne Engleman (junior, Arts College) for "The Torch of Robert Kennedy;"

—Ronald Moore (freshman, Arts College) for "Star Trek Literature;"

—Noreen Pasderski (junior, Agriculture and Life Sciences) for a collection titled "The Adventures of Sherlock Holmes."

Cornell Provost W. Keith Kennedy made the presentations during the ceremony attended by students, faculty, staff, members of Library Associates, and which included the contest judges:

Esther G. Dotson, associate professor of art history, John S. Henderson, associate professor of anthropology, and Dan C. Hazen, Latin American librarian, Olin Li-

brary.

Dean and his wife conceived the contest and have provided the prize money since the first one was held in 1966.

A 1923 graduate of the Law School, Dean is a former chairman of the Cornell University Board of Trustees and is a Presidential Councillor.

He gained international prominence in

the 1950s and 1960s as a diplomatic negotiator for the United States, including serving as chairman of the U.S. delegation to the 18-Nation Disarmament Conference (1962) and the Nuclear Test Ban Negotiations (1961-62) in Geneva, Switzerland, which resulted in the signing of the partial nuclear test ban treaty in Moscow in 1963. He held the personal rank of ambassador.

Winner Describes How She Got Started

Rachel Tigner, winner of this year's Arthur H. Dean and Mary Mardon Dean Book Collection Contest said she became interested in the theme of her collection—letters—when she was doing a paper on Thomas More's "Utopia," discovering that More's work was a satire, not a socialist treatise.

In the description of her collection she wrote: "I became interested in letters and the ways in which they are used while writing a paper on Thomas More's 'Utopia.' Although few modern editions include the letters, poems, and woodcuts that surround and refer to the text of the 1516, 1517, and 1518 editions of 'Utopia,' this material can affect the interpretation of the book: for one, it makes it clear that 'Utopia' is a satire, not a socialist treatise. In their personal letters, More and Erasmus also discuss the publication of 'Utopia' and fantasize about Utopia:

"In my daydreams I have been marked out by my Utopians to be their king forever; I can see myself now marching along, crowned with a diadem of wheat, very striking in my Franciscan frock, carrying a handful of wheat as my sacred scepter...giving audience to foreign ambassadors and sovereigns; wretched creatures they are, in comparison with us..."

"This was nothing like the More I had studied. I then read Benjamin Franklin's autobiography and letters, and, to my surprise, found him an equally charming gentleman. Intrigued, I began to sample the letters of others, mainly literary figures. At the same time, I began to look for fictional forms in which the letter is more obviously an integral part of the work.

"Epistolary novels like Samuel Richardson's 'Pamela,' arguably the mother of the English novel, and other



President Emeritus Dale R. Corson, center, points out a letter to the late Morris Bishop in a volume of "The Letters of E.B. White," held by Rachel Tigner, Arts '84. At left is Provost W. Keith Kennedy. Corson is a long-time friend of White, a 1921 graduate of Cornell.

epistolary satires like von Hutten's "Letters of Obscure Men," a favorite of More's, and Pascal's "Provincial Letters" came immediately to mind.

"These categories, correspondence, novels and satire, constitute the bulk of the collection, but other forms put in an appearance: essays in poetry (Horace) and prose (Lang), philosophical and scientific treatises (Locke, Plato, and Peregrinus), tales (Daudet), fictional love letters (Ovid), literary and political criticism (Rousseau), and travel literature both straight (Defoe) and satiric (Montesquieu)."

Frederick H. Stutz

Frederick H. Stutz, 70, one of New York state's leading authorities on educational changes during his 31 years on the Cornell faculty, died in his sleep April 22. A memorial service was conducted April 26 at

the Unitarian Church of Ithaca.

He joined the faculty in 1947, served as dean of the School of Education from 1958 to 1965, and was elected professor of the history of education, emeritus, in the New York State College of Agriculture and Life Sciences in 1978.

He is survived by his wife, Sarah "Sally" Stutz; three children, Stephen, Susan and Christopher; a brother and a sister.

Memorial donations may be sent to the Tompkins County Public Library, the memorial fund of the Unitarian Church, or the Department of Education Scholarship Fund.

William M. Woodward

of Anabel Taylor Hall. In lieu of flowers, contributions may be sent to the Tompkins County Nuclear Weapons Freeze Campaign, 407 Hancock Street, Ithaca, or to the Union of Concerned Scientists, 810 East State Street, Ithaca.



Off-Campus Housing Notes

Final Sessions with the Off-Campus Housing Legal Adviser are scheduled for the afternoon of Thursday, May 26. Only registered, full-time students qualify for this service and are encouraged to contact the Off-Campus Housing section of the Dean of Students Office, 103 Barnes Hall, for an appointment prior to the third week of May.

Fifteen-minute appointments are scheduled for each Thursday afternoon throughout the academic year. Students may discuss legal matters relating to off-campus housing during their legal advising appointment. The advising service will resume in late August.

Moving from an off-campus dwelling at the end of the academic year should be done carefully. If your lease expires in late May or in June, and you intend to vacate your dwelling, pay attention to the following details:

—Give your landlord proper notice (some leases require 30 days notice).

—Thoroughly clean the apartment, perform any necessary repairs, and restore the dwelling to its original (or better) condition. (Refer to the original inventory of condition if you took one upon moving in.)

—Remove all personal belongings and arrange separately for summer storage (if necessary).

—Have your landlord or the appropriate rental agent personally check you out of the apartment (again using the original inventory of furnishings and condition).

—Leave a forwarding address where your security deposit (plus accrued interest) can be refunded. (New York State law requires interest to be paid on security deposits in dwellings that contain six or more separate units.)

—Call the Off-Campus Housing section of the Dean of Students Office (256-5373) if you need assistance.

TIPS ON HOUSING HUNTS

Many Cornell students, faculty and staff arrive or visit Ithaca during the month of June in search of housing. The following steps may help to ease the difficulty of the housing hunt:

—Do not allow time pressure to force you into making a hasty decision. Be selective; you will have to live with your housing choice for as long as 12 months.

—Look especially hard for bargains during the month of June. Summer sublets are usually furnished, comparatively inexpensive, and may serve as adequate temporary dwellings until permanent housing can be located.

—Do not limit your search to the Collegetown area, especially if you own a car or you are interested in using public transportation.

—Check all possible sources of housing information including:

1. The Off-Campus Housing section of the Dean of Students Office, 103 Barnes Hall (for sublets and regular year-round listings, to place your own "Housing Needed" ad, and for special listings which are available for faculty, staff and

graduate students):

2. Local newspapers including the Ithaca Journal, Grapevine Weekly, and Ithaca Times. Note: the Cornell Daily Sun does not publish during the summer months;

3. Fliers posted on bulletin boards throughout the campus and local community;

4. Word of mouth. Spread the word that you are looking for a place to your department, acquaintances, etc. A great number of Ithaca's rental housing units change hands without being advertised.

—Before making a final selection, thoroughly discuss the terms of the rental with your family, roommates, parents (if applicable) and landlord. Be sure to ask about:

1. The date the apartment will be available (check to see if it coincides with your academic schedule);

2. The length of lease (or sublease) required (refer to the Guide to Off-Campus Housing for further information about leases. Copies are available at 103 Barnes Hall);

3. The amount of monthly rent, security deposit, and advance payments;

4. The cost of utilities, furnishing and parking (if not included in the rent).

If you have questions or problems, consult the staff in the Off-Campus Housing section of the Dean of Students Office, 103 Barnes Hall.

William M. Woodward

William M. Woodward, professor emeritus of physics, died Friday, April 22, at the age of 66, after a long illness.

Prof. Woodward was born in Hartford, Conn. He was educated at M.I.T. and at Columbia University, and received a Ph.D. from Princeton University in 1942. He was a member of the scientific staff of the Manhattan Project at Los Alamos Laboratory from 1942 until 1945. After two years as an assistant professor at M.I.T., he joined the Cornell Department of Physics faculty in 1948.

As a member of the Laboratory of Nuclear Studies, Prof. Woodward played an active part in building its research program and in supervising graduate students working in experimental nuclear and particle physics. He was appointed professor of physics and nuclear studies in 1960. In 1982, he was elected as professor emeritus.

He is survived by his wife, Dr. Etta Woodward, of 927 Cayuga Heights Road, Ithaca, and by his daughter, Gracia Leah Woodward, of Watertown, Mass.

A memorial service will be held at 2 p.m. Saturday, April 30, in the One World Room

Student Insurance Plan to Remain at Same Cost

The cost of the Student Accident and Sickness Insurance Plan, underwritten by Mutual of Omaha, will not be increased next academic year, according to Mary Little, Student Insurance Representative.

The major medical portion of the plan for students will increase to \$25,000 from \$20,000 per illness and the cost will remain at \$130 per student for 12 months' coverage beginning on the first day of registration in the fall of 1983.

Students are automatically enrolled in the Accident and Sickness Insurance Plan

and as in the past will be required to submit a waiver if they do not want to be covered. However, Dr. Allyn B. Ley, director of University Health Services, and Leonard Nissenson, administrator, urge students and their parents to consider seriously the consequences of waiving the coverage.

All insurance claims are processed through the on-campus office. Students with questions are invited to contact the Student Insurance Office at Gannett Health Center, 256-6363.

Johnson Museum Exhibit Will Mark Its 10th Year

It was on May 23, 1973, that the Herbert F. Johnson Museum of Art opened its doors for the very first time, fulfilling benefactor Herbert Fisk Johnson's dream of providing the Cornell and Ithaca communities with "...a wider window on the world of fine arts, enabling them to add a broader dimension to their lives..."

Ten years later, the museum is celebrating with "Ten Years of Collecting," an exhibition highlighting the achievements of the museum during the past decade.

The exhibition will open to the public Sunday, May 8, and will run through Sunday, June 19. The entire museum will be filled only with works of art acquired during the past decade, in addition to promised gifts. Through this exhibition, the museum will illustrate the growth of its collections since its doors first opened.

Cornell has had an art museum on campus since 1953. In that year, President Deane Malott dedicated the Andrew Dickson White Museum of Art, which occupied the building that had served as the home of Cornell University presidents since 1872. By the early 1960s, the museum collections were rapidly outgrowing that facility. In 1967, at the suggestion of then Cornell President James A. Perkins, funds for the design and construction of a new museum were donated by Herbert Fisk Johnson, Class of 1922, a leading collector and patron of art.

Johnson's only stipulation was that Cornell should find an architect of international stature for the project. After a long and careful evaluation of possible architects, Ieoh Ming Pei was selected to design the museum. In honor of the museum's benefactor, the trustees of Cornell named the new structure, The Herbert F. Johnson Museum of Art.

To take full advantage of the commanding view of Cayuga Lake and the surrounding countryside, Pei created a structure 110 feet tall, of highly finished board-formed reinforced concrete, with windows facing in all four directions. It consists of 11 floors, three of which are below ground. Six of the floors are open to the public and include 22,000 square feet of gallery space.

This unique building, which in 1975 received the American Institute of Architects honor award for distinguished design, is situated on the north brow of Library Slope, at the site where Ezra Cornell is said to have stood when he announced his intention

to found a university. "To build on this site was an obsession with me and others in my office," I.M. Pei told an opening day audience on May 23, 1973. "This piece of land is sacred."

The Johnson Museum was conceived primarily as a teaching resource and as a means of enriching the cultural experiences of students at Cornell. It was also recognized, however, that the institution could become a major attraction of the Finger Lakes Region with programs available to everyone in the area. The only art museum within a 45-mile radius, the Johnson Museum has taken on the responsibility for bringing works of art of high quality from all periods and places to the people of central and upper New York State.

The permanent collection, obtained through individual purchases as funds are made available, in addition to the generous donations of works from museum members, Cornell alums and other interested patrons of the arts, is comprised of paintings, sculpture, drawings, prints and photographs from all lands and possible times, as well as objects of decorative art primarily from Asia and primitive and ancient cultures. At the present time, the Johnson Museum holdings are particularly strong in Asian art, 19th and 20th century American painting and the graphic arts.

To supplement the permanent collections, an active program of traveling exhibitions in all visual media is maintained throughout the year, bringing art from around the world to the Finger Lakes Region. To further promote the experience of art to the Johnson Museum's surrounding community, a vigorous education program is maintained. The Education Department strives to bring people and art closer together through its many activities and classes held not only in the museum itself, but in the schools and the downtown community as well.

"Ten Years of Collecting" will only be a representative sample of the works acquired since 1973. Art from all mediums and time periods will be displayed in the galleries of the Johnson Museum. According to Thomas W. Leavitt, director of the museum since its opening, "The breadth and quality of the collections on view throughout the museum testifies to the interest and generosity of hundreds of friends and alumni. Every newly acquired object in the collection is the result of



"Christ Before Pilate," an engraving by Martin Schongauer, will be on view at the Herbert F. Johnson Museum of Art May 8 through June 19 as part of the 10th year anniversary celebration of the museum's opening.

individual benefaction."

A series of special events will take place at the museum to commemorate its past 10 years of achievement. Major donors to the museum collections will be honored at a dinner on Friday evening, May 6, and a reception and special preview of the ex-

hibits will be held for members and friends of the museum, in addition to special guests, on Saturday evening, May 7. "Ten Years of Collecting" will be open to the public on Sunday, May 8, 1983.

The museum is open Tuesday through Sunday from 10 a.m. to 5 p.m., with free admission.

Calendar

Continued from Page 5

University, 4 p.m. Monday, May 2, 135 Emerson.

Immunology: "Studies of Equine Lymphocyte Alloantigens," D. F. Antczak, 12:15 p.m. Friday, April 29, G-3 Vet. Research Tower.

International Population Program/Committee on Ethnic Studies, Center for International Studies: "Recent Developments in Family Planning in India," Sripathi Chandrasekhar, former Minister of Health and Family Planning, India, 12:15 p.m. Thursday, April 28, 153 Uris Hall. Chandrasekhar will also speak on "Indian Migration to the U.S.," at 4 p.m. that day in 156 Goldwin Smith Hall.

JUGATAE: "The Vagaries of Vatica," Jan Salick, 4 p.m. Monday, May 2, 100 Caldwell Hall.

Materials Science and Engineering: "Deep Level Transient Spectroscopy of Defects in II-VI Compounds," L. Isett, Kodak Research Lab., 4:30 p.m. Thursday, April 28, 140 Bard Hall.

Materials Science and Engineering: "Properties of Vacancies in Tungsten," R. W. Balluffi, MIT, 4:30 p.m. Thursday, May 5, 140 Bard Hall.

Mechanical and Aerospace Engineering: Title to be announced, Julian D. Cole, RPI, 4:30 p.m. Tuesday, May 3, 282 Grumman.

Mechanical and Aerospace Engineering: "The Dynamic Parameters of Gaseous Detonation," John H.S. Lee, McGill University, 4:30 p.m. Thursday, May 5, 282 Grumman.

Microbiology: "Uric Acid and Ureolytic Gut Bacteria in Termites: Strategies for Nitrogen

Conservation," Cathy Potrikus, Harvard University, 4:30 p.m. Thursday, May 5, 124 Stocking Hall.

Natural Resources: "Can the Wolf be Reintroduced into New York? A Niche Analysis," Robert E. Henshaw, NYS Dept. of Environmental Conservation, 4 p.m. Thursday, April 28, 304 Fernow.

Neurobiology and Behavior: "Sexual Selection and Mate Choice in Satin Bowerbirds," Gerald Borgia, University of Maryland, 12:30 p.m. Thursday, April 28, Morison Seminar Room, Seeley G. Mudd Hall.

Neurobiology and Behavior: "The Contingencies of Everyday Life: Power, Possessions, Love and Work," Ivan Chase SUNY at Stony Brook, 12:30 p.m. Friday, April 29, Morison Seminar Room, Seeley G. Mudd Hall.

Ornithology: "Songbirds and Their Habitats: Here Today, Gone Tomorrow?" Charles R. Smith, 7:45 p.m. Monday, May 2, 159 Sapsucker Woods Road.

Ornithology: "The Sounds of Great Whales and What They Mean," Chris Clark, Rockefeller University, 7:45 p.m. Monday, May 9, 159 Sapsucker Woods Road.

Personnel Services: Cornell Careers Seminar: "Administrative Manager," Jackie Haskins, 12:15 p.m. Tuesday, May 10, 202 Uris Hall.

Plant Biology: "Laser Radiation Effects on Plants," Sudha Rani Goval, Benares Hindu University, India, 11:15 a.m. Friday, April 29, 404

Plant Science.

Plant Biology: "Characterization of NO₃-sensitive H⁺-ATPase from Corn Roots," Sharman O'Neill, 11:15 a.m. Friday, May 6, 404 Plant Science.

Plant Breeding: "Breeding for Powdery Mildew Resistance in Cucumber," Ali El Jack, 12:20 p.m. Tuesday, May 3, 135 Emerson.

Psychology: "Cross-linguistic Evidence for a Parameter of Universal Grammar," Barbara Lust, 3:30 p.m. Friday, April 29, 202 Uris Hall.

Reproductive Physiology-Endocrinology: "Growth and Atresia of Bovine Follicles," Kay Henderson, 4:30 p.m. Wednesday, May 4, 348 Morrison.

Reproductive Physiology-Endocrinology: "Effects of Short and Long Light on Sperm Output Potential of Pubertal Lambs," Mohamed El-Alamy, Suez Canal University, Egypt, 4:30 p.m. Wednesday, May 11, 348 Morrison Hall.

Remote Sensing: "Remote Sensing of Arid Region Landforms," William L. Teng, 4:30 p.m. Wednesday, May 4, B14 Hollister Hall.

Statistics: "Discriminant Analysis When the Group Labels Are Uncertain," Carolyn Lichtenshtein, 3:30 p.m. Wednesday, May 4, 105 ILR Conference Center.

Statistics: "Correspondence Analysis," Charles E. McCulloch, 3:30 p.m. Wednesday, May 11, 105 ILR Conference Cntr.

Toxicology: "Lead Poisoning in Children—A Continuing Problem," Howard L. Weinberger, Upstate Medical Center, 12:20 p.m. Friday, April 29, 100 Savage Hall.

Toxicology: "Morphological Assessment of Toxicological Lung Injury: Ozone and 3-Methylindol," William L. Castleman, 12:20 p.m. Friday, May 6, 100 Savage Hall.

Vegetable Crops: "Reminiscences About the Department of Vegetable Crops at Cornell," W. Kelly, 4:30 p.m. Thursday, April 28, 404 Plant Science Bldg.

Theater

Thurs.-Sun.

Apr. 28-May 1, 8:15 p.m. Risley Theatre. Risley Theatre production: "West Side Story." For reservations call 256-0662.

Thurs.-Sat.

May 5-7, 8:15 p.m. Risley Theatre. Risley Theatre production: "West Side Story." For reservations call 256-0662.

Fri. & Sat.

May 6 & 7, 8:15 p.m. "Straight Theatre. Theatre Cornell production: Dance Concert 1983.

Sunday

May 8, 2:30 p.m. "Straight Theatre. Dance Concert 1983.

Saturday

May 7, 8 p.m. Anabel Taylor Auditorium. "Hasn't Hurt Me Yet," Mass Transit Street Theatre. 3 act play about struggling with health hazards on the job and in the environment. Tickets available from Logos, McBooks, Smedley's, Somadharma, Willard Straight Hall; and at the door.

Brief Reports

'Filipino Festival' Features Buffet, Dance

A "Filipino Cultural Festival," will be celebrated on the Cornell University campus Saturday, May 7, with an 11 a.m. traditional Filipino buffet luncheon followed by a dance performance by the Philippine Folk Arts Theater Group at 2 p.m. in Alice Statler Auditorium.

A ticket for both events will be \$2. Proceeds will be donated to the Southeast Asian Refugees of Ithaca, particularly to send children to summer camp this year.

The buffet will be on the Arts Quadrangle of the campus. Tickets are available at the Willard Straight box office and Logos Bookstore on the Ithaca Commons. The event is sponsored by the Philippine Student Association at Cornell.

Risley Plans Annual Spring Fair May 7

Risley College will hold its annual spring fair starting at noon Saturday, May 7, on the lawns surrounding the college.

This year's fair will take participants into the Dark Ages through movies, music, lectures and medieval dance workshops. All events are free and open to the public.

Plays which will be presented are: "Women of Andros" at noon; "Dulcitius," at 1 p.m.; "Reeve's Tale," at 2 p.m.; "Second Shepherd's Play," at 3 p.m.; "Dr. Faustus" at 4 p.m. and a Shakespeare reading at 5 p.m.

There will also be medieval dancing workshops at 1 and 4 p.m. with dancing from 2 to 4 p.m. and at 9 p.m. Several films will be shown including "Adventures of Robin Hood," at 1 p.m. and "Canterbury Tales," at 11 p.m. At 3:30 p.m. there will be a "witch hanging."

Risley College is a residential unit at Cornell whose students hold an active interest in promoting the arts through sponsorship of visiting artists and the production of numerous musical and theatrical events within the college.

For further information contact Doug Meurs at 256-0690.

Hotel Ezra Cornell Attracts 300 Guests

More than 300 guests, many of them leaders in the world's hospitality industry and Cornell graduates, attended the 58th annual Hotel Ezra Cornell, staged by the students of the School of Hotel Administration over the weekend.

The seemingly never-ending series of dining, entertainment, social and educational events started Friday afternoon, continued through the sunny hours of Saturday and ended in the rain of Sunday.

This year's HEC theme, "A Vintage Year," focused on historical events but more importantly gave hotel students an opportunity to display before the people in the know exactly what the students have learned about the basic work of the hospitality industry, everything from folding napkins to balancing the books for the weekend.

The weekend is the culmination of nearly a year of planning and weeks of manual labor, a tradition of theory and practice that goes back to the first HEC staged in 1925, and key to why the weekend has become a "show piece of the industry."

Israeli Songwriter To Appear in Concert

Israeli songwriter Naomi Shemer will appear in concert at 8 p.m. Monday, May 2, in Alice Statler Auditorium.

Born in Kibbutz Kinneret in the Jordan Valley, Shemer studied at the Music Academy in Jerusalem. Upon graduation, she returned to Kinneret as a music teacher at which time she started to write

children's songs. After military service in NAHAL, she moved to Tel-Aviv, where she has lived since 1956.

Shemer's songs have won numerous prizes both in Israel and abroad, including most recently the Israel Prize, that country's highest honor for achievement in culture and the arts.

The concert is being sponsored by B'nai B'rith Hillel Foundation at Cornell and by the Ithaca Friends of Israel.

Tickets, \$5 in advance and \$6 at the door, are on sale at Willard Straight Hall, Temple Beth-El and the Hillel office in Anabel Taylor Hall.

Borges, Styron, Marinaro on TV

For those who may have missed Jorge Luis Borges, William Styron or Ed Marinaro during recent visits to campus, discussions with them will be aired soon on Channel 13.

Appearing on David Burak's local access program, "Distinctive Voices," will be Borges at 5:30 p.m. today, and repeated at 8 p.m. Monday and Thursday, May 2 and 5.

The Styron show will be at 8 p.m. today and at 6:30 p.m. Monday, May 2.

Marinaro can be seen at 6:30 p.m. Thursday, May 5.

Water May Be Cloudy During Testing Period

Drinking water on campus may appear cloudy between Monday, May 2, and Friday, May 13, but it will be safe to drink, according to Douglas Clark, manager of the Water and Sewer Division of the university's Department of Utilities.

He said fire hydrants on campus will be flushed during this 12-day period and the process may cause cloudy water.

May Lecturers Listed For Risley Fair

The organizers of the Risley Medieval Spring Fair have announced the list of lecturers and their topics for May as follows:

—8 p.m. today in the Central Living Room, Risley Hall, Robert Calkins, history of art, will speak on "The Diversity of Medieval Art";

—8 p.m. Tuesday, May 3, in the Central Living Room, Risley Hall, Karen Brazell, Asian studies, will speak on "The Warrior Ideal in Medieval Japan";

—1:30 p.m. Saturday, May 7, in Risley Hall, Robert Kaske, English, will speak on "Readings from Medieval Poetry," and

—3 p.m. Saturday, May 7, in Risley Hall, Robert McPherson, a local artisan, will speak on "History of Armor in Medieval and Renaissance Europe."

The exact location of the May 7 lectures will be posted near the entrance to Risley Hall.

IBM Executive to Talk About International Trade

Jacques G. Maisonrouge, senior vice president with IBM and chairman of the board of IBM World Trade Corporation, will give a public talk on "International Business: Success in Management," at 4 p.m., Tuesday, May 3, in Bache Auditorium of Malott Hall.

Maisonrouge will be on campus under the auspices of the Executive Forum of the Graduate School of Business and Public Administration at Cornell.

In addition to his talk, he will be available for informal questioning from 2 to 3:30 p.m. in the Collyer Eoom of Malott Hall.

He is a former chairman of IBM World Trade Europe, Middle East and Africa.

Fees Will Be Charged For Bug, Plant Diagnoses

The Insect and Plant Disease Diagnostic Laboratory has announced that, as of May 1, clients will be required to pay a small fee for diagnoses provided.

For most specimens, the fee will be \$2. If laboratory cultures are required the fee will be \$6.

Members of the Cornell community are advised that many of the services provided by the Insect and Plant Disease Diagnostic Laboratory are also available, free of charge, at the Tompkins County Cooperative Extension, 225 S. Fulton St., telephone 272-2292.

Nuclear Disarmament Group To Perform

The Performing Artists for Nuclear Disarmament will visit and perform on campus Friday, April 29, through Sunday, May 1. The Cornell performances are being sponsored by Cornell Cinema, the Center for Religion, Ethics and Social Policy and the local PAND Chapter. There are also several events scheduled to take place in various other locations around Ithaca.

On Friday, April 29, at 8 p.m. the Caravan Dancers will perform in Willard Straight Theatre. The Bread and Puppet Theater will perform "The One Who Set Out to Study Fear," at 8 p.m. Saturday, in Statler Auditorium. At 9 p.m. Sunday in Uris Auditorium the film, "Dark Circle" will be shown.

There will also be two performances of "Cabaret" at Central Casting, a performance of "Still Life" at the First Street Playhouse, a parade and peace march, among other events.

Tickets for all performances are \$5 per person. The film will cost \$2. Tickets are available at the Willard Straight Ticket Office, Grapevine Copy Center, Borealis Bookstore, the Ithaca College Ticket Office and at the door. A Discount ticket, which will be good for all events, will cost \$15.

For further information contact Martha Mooney at 272-2736.

Theatre of Anthropology Plans Play on Kiowas

"Thain-Mom: Above my Eyes," an original play about the Kiowa Indians, will be presented at 8 p.m. Saturday, May 7, in Kaufmann Auditorium of Goldwin Smith Hall.

Written, produced, directed and acted by the students in Robert Ascher's Anthropology 455 course on Theatre of Anthropology, the play is based on N. Scott Momaday's "The Way to Rainy Mountain." Momaday, a Kiowa Indian, received the Pulitzer Prize in 1969 for his work "House Made of Dawn."

"Thain-Mom" is being presented as a reader's theatre. The production is free and open to the public. Because of the limited seating in Kaufmann, theatergoers are required to have tickets which are available in the Anthropology Office, 215 McGraw Hall.

Sailing Courses to Be Offered During Summer

The Department of Physical Education is offering two sessions of its course "Principles of Sailing" — open to all students, faculty and staff — during June and July.

The course is designed for the beginner, with lectures and films on campus and sailing on Cayuga Lake. An \$80 fee is due at registration, May 16, 9 a.m. to 4 p.m. in Teagle for the first session and in Barton Hall during Summer session registration, June 1, 13 and 27 for the second four week session. Class sizes are limited. Registration will be on a first-come first-serve

SAGE CHAPEL

Rabbi and Author, Kushner Will Speak

Harold S. Kushner, Rabbi of Temple Israel in Natick, Mass., and author of "When Bad Things Happen To Good People," will speak at 11 a.m. Sunday, May 1, in Sage Chapel. His sermon topic will be "Why Do Good People Suffer?"

Kushner is a graduate of Columbia University and holds a doctorate in Bible from the Jewish Theological Seminary. He has also studied at the Hebrew University in Jerusalem and at Harvard Divinity School.

Editor of the magazine Conservative Judaism, Kushner has been a visiting lecturer in Jewish literature at Clark University in Worcester, Mass.

Music will be provided by the Sage Chapel Choir under the direction of Donald B.M. Paterson, university organist and Sage Chapel choirmaster.

Rolling Thunder to Give Talk, Workshop Here

Rolling Thunder, a Native American spiritual leader, medicine man, poet and teacher will be on campus today and Sunday, May 1, to lecture and lead a workshop/seminar.

The workshop/seminar will be held at 6 p.m. today in Anabel Taylor Hall Chapel. The program will focus on health, healing and wholeness. A fee will be charged. For reservations, contact Phil Tomlinson at 272-2469.

The Sunday lecture will be at 7:30 p.m. in Bailey Hall. Admission will be \$5. Both events are co-sponsored by the Center for Religion, Ethics and Social Policy and the Native American Studies Program at Cornell.

Born 65 years ago in Oklahoma, Rolling Thunder is of Cherokee descent. He now lives in a community in Nevada that is attempting to establish a self-sufficient way of life that is in harmony with the earth, according to Phil Snyder, director of CRES.

For further information contact Snyder at 256-6486.

Assembly/Trustee Ballots Due May 4

Ballots for Employee Assembly and Employee Trustee are due in 165 Day Hall by 4 p.m. Wednesday, May 4. Any permanent full- or part-time employee who has not received a ballot should contact the Office of the Assemblies at the above address or telephone 256-3715.

Justice Fellowships Available This Summer

Proposals must be received by Monday, May 2, in the Summer Research Fellowship Program of the National Institute of Justice. Awards in the program will average \$10,000.

Funding recommendations will be made to the director of the National Institute of Justice by a peer review panel.

More information is available from Joel Garner, Office of Research and Evaluation, Methodo, National Institute of Justice, (202) 724-8265.