



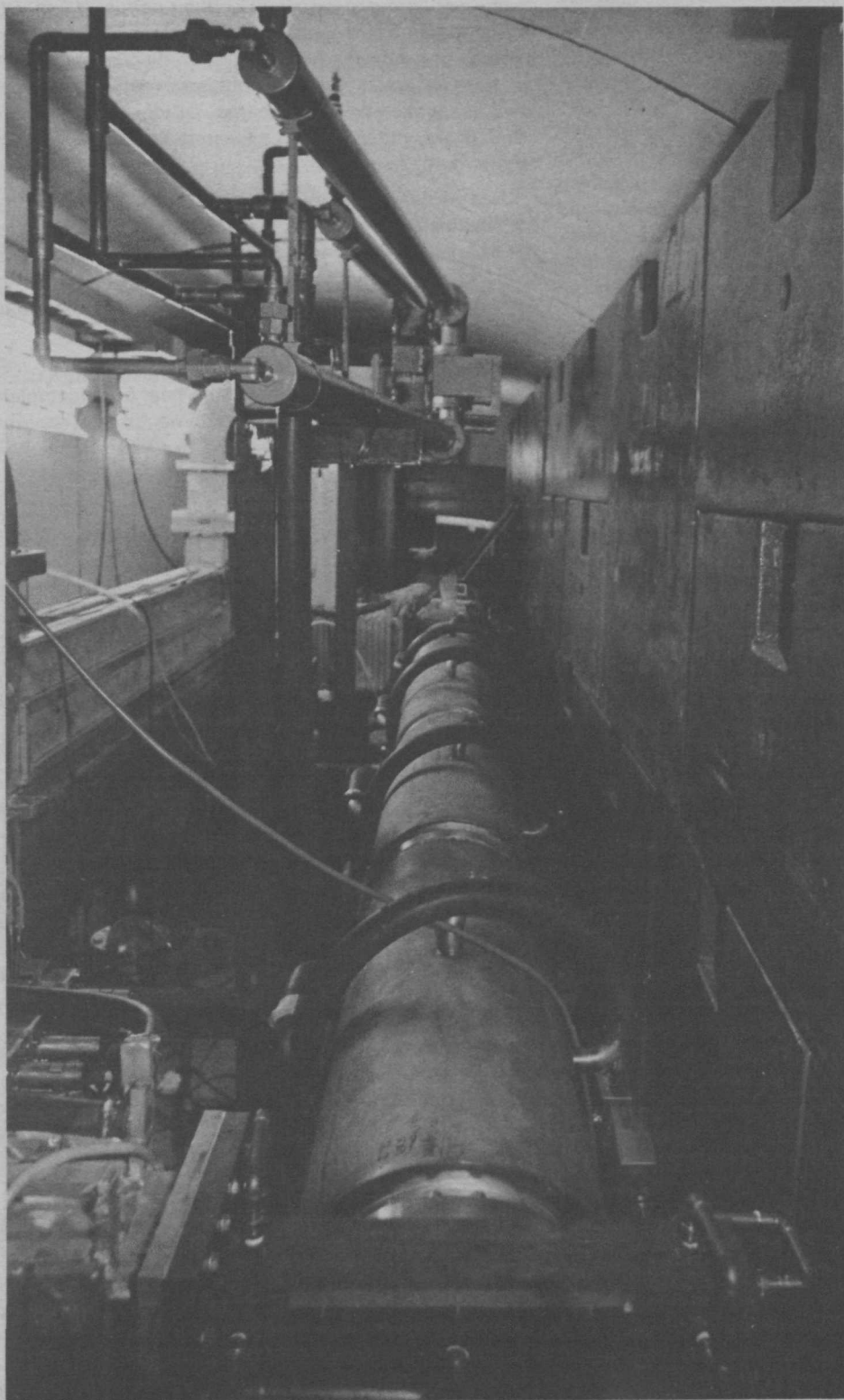
CORNELL CHRONICLE

The official weekly of record for Cornell University

Vol. 3 No. 29

Thursday, April 13, 1972

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SYNCHROTRON IMPROVEMENT—Addition of this new radiofrequency cavity has enabled physicists at Cornell's electron synchrotron to operate the instrument at an energy of 12 billion electron volts. The increase of 20 per cent in energy enables the scientists to probe even deeper in their studies to learn more about the structure of matter.

Ammons Expresses Outlook on Poetry

In 1964 A.R. Ammons turned from the established position of executive vice president with a chemical firm in South Jersey and one of the nation's leading young poets to the tenuous position of an instructor of English, without tenure, at Cornell and a poet who for the next three years was unable to write a line.

But why ask why now that he is a full professor of English with tenure, the author of many poems written in Ithaca and a nominee for the 1971 National Book award for Poetry?

Many kinds of answers, though, can be found. One is in a line from his latest book "Briefings: Poems Small and Easy." Found on Page 104 in a poem entitled "Put Down Come On," the line reads ... "my empty-headed contemplation is still where the ideas of permanence and transience fuse in a single body. . ."

Other kinds of answers are found in comments made during a recent interview:

"I've made every possible effort to avoid the 'role' of the poet in life but it caught up with me. . ."

"Indeed I think there is a close relationship between writing poetry and doing literally anything else. The same kinds of energy and perception and nerve it takes to run a business apply in writing poems."

"There is a great depth of personal risk in writing poetry. . ."

"After you find the organizing principle in your vision you have to press it more and more. . ."

"A poem is a configuration with openness. . ." "The real poets today, you know, are scientists. . ."

"I write because I have to. Poets write from some need for self expression," said Ammons, who wrote his first poems in 1943 as an 18-year old North Carolina farm boy on active duty with the Navy in the South Pacific.

He continued to write poetry through World War II and through four years of study in chemical engineering and general science at Wake Forest College. All during this period he wrote for himself, showed his work to no one, and it was not until 1953, after he had served two years as principal of an elementary school and had become a business executive, that his poetry appeared in print for the first time.

All through the 1950's and into the early 1960's he continued to pursue his business career and write at night and on weekends: "It didn't seem to me so much a split as two forms of the same kind of energy."

"But the University in a way makes the

activity of writing a poem more self-conscious. Here, this tremendous self-consciousness is unavoidable in the University's concern with forms and structure.

"After I came here I couldn't write for about three years because so much of what I had been doing naturally suddenly had to be verbalized and rationalized and put into terms of definition and sense and structure and knowledge. And that was self-consciousness for me."

"I had been able to function without having to think about it. . . When I came to the University I knew precisely what I liked and reacted to positively but I had never bothered to formulate a set of reasons why. I had to find my way anew and reinforce my theoretical understanding of what I was doing. Once over that I was able to write again. . . It was only by going through that, that I was able to achieve a new level of spontaneity, second nature."

He said the University's concern for knowledge, form and reason provides a means for students to test and see if they have that extra thing that is needed not only in poetry but in many other fields.

"You see, knowing does not produce

Continued on Page 5

Synchrotron's Power Increased

The energy in Cornell's 10 billion electron volt electron synchrotron has been increased 20 per cent, allowing scientists to probe deeper in their studies of the fundamental structure of matter.

The power increase to 12 billion electron volts was made possible by installation of another radiofrequency cavity in the accelerator's beam line. The instrument originally had four radiofrequency cavities, devices which generate electric fields which impart added energy to the electrons.

The Cornell synchrotron, formally called the Wilson Synchrotron Laboratory, was first placed in operation at reduced energies in November, 1967. The primary source of funds for its construction came from the National Science Foundation (NSF) which provided \$11,298,000 for the laboratory and associated equipment. The NSF also is funding current research

done on the instrument.

In the synchrotron, beams of electrons are sped around a circular path at speeds nearing that of light — 186,000 miles per second. The electrons then are bounced off targets, such as protons, and the resulting subatomic particles are studied. Since the resulting particles are so tiny and since their life span may be only a few billionths of a second, the scientists use sophisticated techniques to "see" them.

The newly installed radiofrequency cavity is a copper tube about 15 feet long and approximately one foot in diameter. Its outward appearance is about the same as the original four radiofrequency cavities. However, its internal design is such that it gives a much harder "push" to the electrons. The fifth cavity had to be superior to the others because to raise the energy 20 per cent to 12 billion electron volts, the power had to be more than

doubled. In other words, the new radiofrequency cavity had to have a capability more than the other four cavities combined.

In the Cornell synchrotron, electrons are used as the "bombarding" elements to cause collisions with targets which result in new subatomic particles such as mesons, partons, and hyperons. Other particle accelerators, such as the 200 billion electron volt machine at Batavia, Ill., hurl protons at the study targets.

Reactions obtained by use of an electron beam may differ from reactions obtained if a proton beam were used. It's a case of seeking answers to questions using different techniques.

The new radiofrequency cavity was developed as a team effort by members of the synchrotron staff, headed by Maury Tigner, a senior research associate and director of operations at the synchrotron.

Group Recommends Restrictions on 2 Pesticides

An advisory committee of the Environmental Protection Agency (EPA) has recommended that the pesticides aldrin and dieldrin be banned in certain cases and allowed in others only until they can safely and economically be replaced by nonpersistent pesticides.

The eight-member committee reported it found no evidence of human injury from present or past use of aldrin or dieldrin but said that a more careful evaluation is desirable since fairly low levels of dieldrin are known to cause cancer in mice and interfere with reproduction in some birds. Dieldrin also has been shown to be harmful to wildlife.

The report will go to William D. Ruckelshaus, EPA administrator, who will consider its recommendations in making a final decision.

"We feel," the committee reported, "that we must strive to find alternate methods of pest control, including nonchemical methods, for all compounds which lead to persistent residues in humans or wildlife, even when such residues are not demonstrably harmful."

The committee recommended that several practices involving the two pesticides should be abandoned now in spite of the difficulty of economic replacement, including all applications which lead to contamination of aqueous environments such as rice fields and waterways.

The committee made its recommendations after a four-month study.

The committee is headed by Richard D. O'Brien, director of Cornell University's Division of Biological Sciences. Other members are Mahlon L. Fairchild, College of Agriculture, University of Missouri; Samuel D. Faust, Department of Environmental Sciences, Rutgers University; Florence K. Kinoshita, Department of Pharmacology, University of Chicago; Richard L. Douth, San Joaquin Valley Agricultural Research and Extension Center in Reedley, Calif.; Richard A. Parker, Department of Zoology, Washington State University, and Stephen S. Sternberg, Sloan-Kettering Institute for Cancer Research in New York City.

Aldrin and dieldrin are compounds used widely for a variety of insecticidal purposes, principally for control of soil insects in corn. Aldrin is readily converted to dieldrin in soil and in many biological systems. It thereafter is only slowly degraded to biologically inactive products. As a result, dieldrin has contaminated the American diet in a widespread way, the report states, although the contaminating amounts are very small.

There is clear evidence, the report said, that Americans consume significant amounts of aldrin and dieldrin daily. In 1968-69, for example, the average intake for a 150-pound adult was 5 micrograms per day. A microgram is

one millionth of a gram. Levels in dairy products were highest with 0.05 parts per million (ppm) of food. Levels in meat products were 0.03 ppm and in cereals and vegetables, 0.01 ppm.

"It should be noted," the report said, "that these intakes do not accumulate in the body indefinitely. Instead, the levels in the body achieve a fixed concentration characteristic of the intake level. In the United States the levels in the body fat of the general population average 0.15 ppm. This raises the question: are these fat levels a cause for alarm and can steps be taken to reduce or eliminate them without disproportionate damage to the national welfare?"

The report said available evidence suggests that the small human intakes and consequent body accumulations are harmless. Not only are they far below the amounts shown to be toxic to laboratory animals, but human beings, both volunteers or those exposed industrially, have taken in much larger amounts than the general population with no harmful results, the report said.

"But," the report continued, "there is no doubt that dieldrin can cause malignant tumors of the liver in one strain of mice. In one other strain, hyperplastic nodules of the liver were produced, but no carcinomas. Consequently one cannot dismiss the possibility that sufficient doses of dieldrin could be carcinogenic in man, but the degree of certainty is inadequate to require prompt elimination from the diet." Carcinomas are malignant growths.

Data on the toxicity of aldrin and dieldrin to fish and crustaceans prompted the committee to recommend that applications to aquatic habitats be forbidden. On the other hand, effects on terrestrial vertebrates were found to be less harmful. For example, high levels of dieldrin, about 1.0 ppm in the diet, are needed for production of thin-shelled eggs in ducks.

However, the report said, in some avian species, quite low levels of both pesticides may have adverse effects. To avoid this, it was suggested that the pesticides be used in ways which cannot lead to intakes of several parts per million for birds.

On a happier note, the report said there appears to be no evidence that aldrin and dieldrin have adverse effects upon plant life.

The committee recommended that a group of experts be formed to provide firm indications for the extent of carcinogenic dangers involved in use of the two pesticides. It also recommended that the economic consequences of total withdrawal be explored in depth. It urged that the fraction of the pesticides that escapes after

application to the soil be measured and that monitoring stations be established throughout the world to determine if adopted measures are resulting in removal of the compounds from the environment.

Banning of aldrin and dieldrin was recommended in cases of application by aircraft and foliar spraying or dusting. The committee also urged a ban in uses for certain mothproofing operations where residues are discharged into waterways or settling ponds. A ban was urged on use of the pesticides in structures occupied by humans or livestock and on turf, including lawns, except by licensed pest control operators. Any use which involves applications to streams, ponds, lakes, flooded areas or any other aquatic environment also was on the recommended ban list.

Uses of aldrin and dieldrin which were determined to be valuable and not harmful included direct application to the soil, seed treatments when the seed is labeled not for food use, dipping of plant roots or tops during transplantation and treatment of foundations for termite control.

The committee suggested that, since its recommendations are based on the best but incomplete evidence, the economic and environmental effects of the proposed restrictions be reviewed five years after their imposition.

In considering the economic effects, the committee said it encountered difficulty because of the "grave inadequacy of the estimates of the economic implications of insecticide use." Rough economic analyses that are available provide an incomplete picture, the report added.

"An unexpected problem," the report said, "is that farmers may not know what pests they are controlling. Thus, we received 16 petitions from very many rice farmers telling us how important was their use of dieldrin for seed treatment to control rice water weevil. But our USDA (United States Department of Agriculture) experts told us that this use of dieldrin was now ineffective for rice water weevil, but important for another insect on rice called the grape colaspis.

"Even for soil use on corn, there was disagreement about just what pests are controlled. All that the farmers can know is that his regular use of such compounds gives protection from undue insect damage. He is not likely to omit treatment in order to find out what pests are truly damaging that year."

Single copies of the report may be obtained upon request from the EPA Pesticides Regulation Division, Room 6165, South Agriculture Bldg., 12th Street and Independence Avenue S.W., Washington, D.C. 20460.

National Champions

Women Fencers Win First Place

Cornell's women fencers won first place in the National Intercollegiate Women's Fencing Championships held last Friday and Saturday at Penn State against a field of 28 teams. The win made them the first team to hold the national title. For the past 43 years, the fencing competition, sponsored by the Intercollegiate Women's Fencing Association, has been regional.

Cornell, entering four women in 27 bouts each, scored 91 wins and 17 losses to narrowly edge out Brandeis, which won 90 and lost 18.

Two of the Cornell women were named first team All-Americans. Margaret B. Walbridge, a sophomore from New York City, and Katherine L. Stevenson, a freshman from Concord, Mass., finished 26-2 and 25-3 respectively in the A and B pools, which are based on ranking.

Walbridge placed second in individual competition and Ms.

Stevenson placed fourth.

Cornell's best individual scorer, Walbridge began fencing last year. She was defeated for the best individual title by defending titleholder Ruth White of New York University, national women's fencing champion and ranked first on the U.S. Olympic team.

Laura N. Budofsky, a sophomore from Old Bethpage, placed second in the D pool with 23-5, narrowly missing a chance to compete in the individual championship. Mary M. Sebring, a junior from Concord, Mass., finished with a 22-6 record in the C pool.

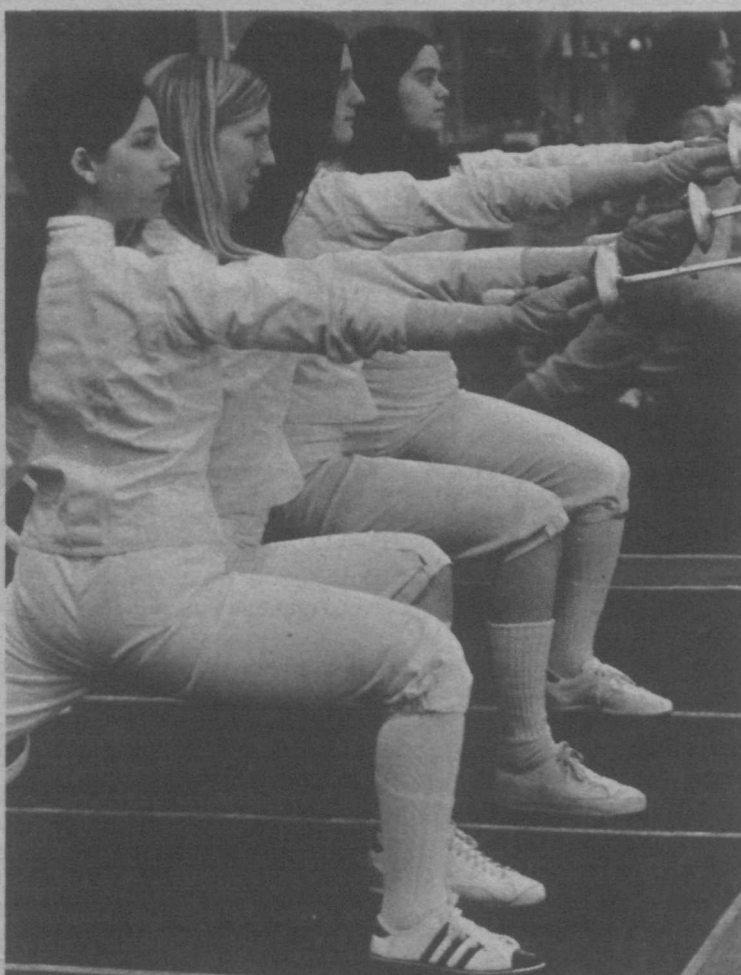
Honors also went to Raoul Sudre, coach of both men and women fencers at Cornell, who won the coach-of-the-year award. Sudre is the only coach to have won the award for coaching both men (in 1968) and for women.

The Cornell women entered the championships in 1966

against 12 other schools and finished last. In 1967, they were sixth out of 12, and then placed first for three consecutive years from 1968-70. The fencers did not compete last year.

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EN GARDE — Cornell's women fencers defeated 27 other teams to win the national championship last weekend. From left are Laura Budofsky, Margaret Walbridge, Mary Sebring and Kathy Stevenson.

From Merrill Trust

B&PA School Given \$1 Million

The Graduate School of Business and Public Administration (B&PA) has received a \$1 million gift from the Charles E. Merrill Trust, it was announced Tuesday.

H. Justin Davidson, dean of the B&PA School, revealed the receipt of the gift at Tuesday meeting of the school's faculty. David A. Thomas, associate dean of the B&PA School who has been associated with the Merrill Trust since its establishment in 1956, and who before that worked for Merrill, explained that the trustees of the trust approved the gift last week with the stipulation that the funds be for unrestricted use "to encourage training of management for non-profit organizations."

The trust was established following the death of Merrill, who established Safeway Stores, the second largest grocery chain in the United States. He also was a founding partner of Merrill

Lynch, Pierce, Fenner & Smith Inc., the world's largest stock brokerage firm.

Davidson explained the gift "was the single largest donation to the school since its establishment in 1946."

"It is quite fitting," he said, "that the funds will be used to enhance the school's well established programs in the preparation of students for careers in various aspects of public administration."

He pointed out that it was more than 20 years ago that Cornell took notice of the need for training students not only for private business careers but also for careers in the growing area of public administration.

"What has become a time honored tradition at Cornell," he said, "has now in the 1970's become the newest curriculum innovation at many of the nation's most important business schools."

Cornell Professors Win 13 Guggenheim Awards

Cornell faculty members were awarded 13 Guggenheim Fellowship awards for 1972-73, it was announced last week. It was the highest total of Cornell faculty to earn the prestigious grants given annually, according to the records of the John Simon Guggenheim Memorial Foundation. The foundation has made the awards for the past 48 years.

The previous high for Cornell faculty was in 1964 when nine Guggenheim grants were awarded them. Cornell ranked fourth in the nation this year in the number of fellowships awarded. Only the University of California at Berkeley, Harvard and Stanford had more. The awards were made to a total of 372 scholars, scientists and artists and were chosen from among 2,506 applicants.

Since 1964 Cornell faculty have received a total of 64 Guggenheim fellowships. The yearly breakdown is as follows: 1972 (13), 1971 (6), 1970 (8), 1969 (2), 1968 (6), 1967 (5), 1966 (8), 1965 (7) and 1964 (9).

The fellowship winners this year were:

—Thomas Eisner, professor of biology. Chemical communication of insects.

—Stephen T. Emlen, associate professor, zoology, neurobiology and behavior. Studies of colonial behavior in birds.

—Eleanor J. Gibson, professor of psychology. Application of a theory of perceptual learning and development to the reading process.

—Sander L. Gilman, assistant professor of German literature. An edition of the works of Friedrich Maximilian von Klinger.

—Harry Kesten, professor of mathematics. Research in probability theory.

—William W. Lambert, professor of psychology, sociology and anthropology. A comparative analysis of aggressive action in children.

—Gene E. Likens, associate professor of ecology. Studies of biogeochemical cycles.

—Ciriaco M. Arroyo, Emerson Hinchliff Professor of Spanish literature. A history of 20th-century Spanish thought.

—John D. Reppy, professor of physics. A study of two-dimensional and superfluid systems.

—David N. Seidman, associate professor of materials science and engineering. Studies of point defects in metals by field ion microscopy.

—Donald L. Turcotte, professor of aerospace engineering. Evolution of continental mountain belts.

—Mack Walker, professor of German history. A biography of Johann Jakob Moser.

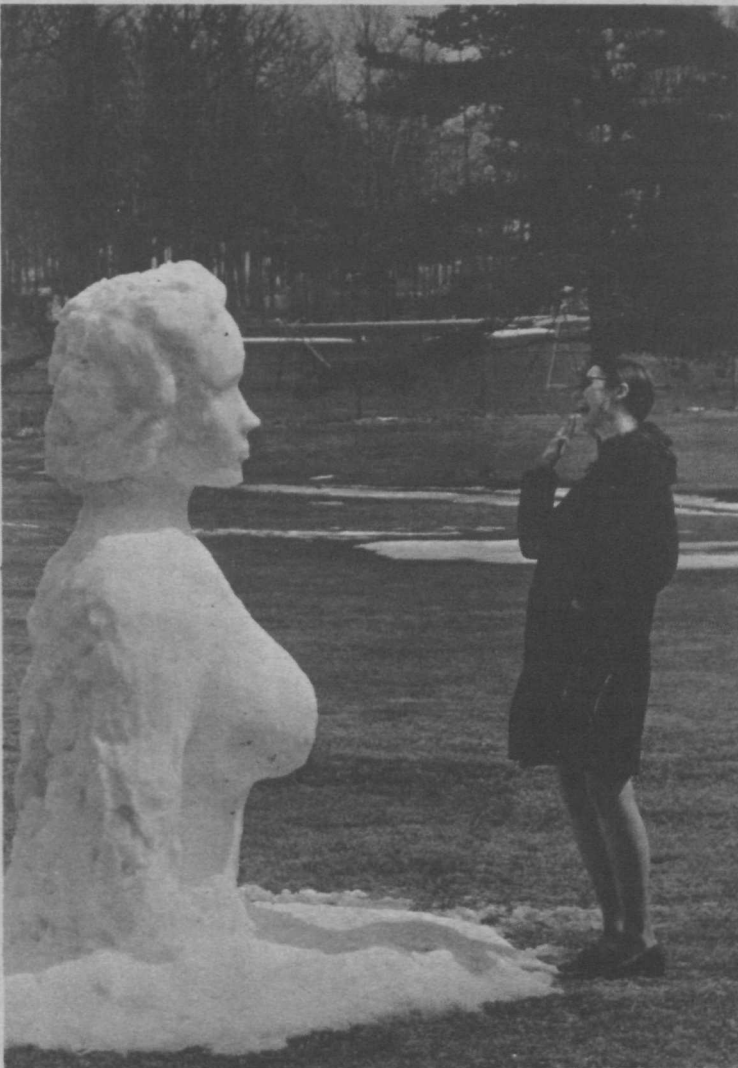
—O.W. Wolters, professor of Southeast Asian history. A history of Vietnam from the 10th to the 14th centuries.

Thomas A. Sokol Wins National Conducting Prize

Thomas A. Sokol, professor of music at Cornell University, has won the National Orchestral Association's Conducting Award for the 1971-72 season. The award is given in recognition of achievement in conducting and teaching.

Sokol recently conducted a Carnegie Hall concert by the National Orchestral Association along with the Dessoff Choirs, which he has conducted since 1967.

April Is the Cruellest Month



Geology Curriculum To Undergo Changes

The Department of Geological Sciences is planning several major curriculum changes next fall to strengthen its teaching program.

Jack E. Oliver, department chairman and the Irving Porter Church Professor of Engineering, said the principal innovation is the start of a "core" program in geology consisting of six courses. The core program, he said, is planned to provide a base in geology for students who want careers in that or related fields. Courses in the core program will be open to students who have no previous geology credits but who have strong backgrounds in a basic science, such as mathematics, physics, chemistry or engineering. Consent of the instructor is required to enter the core program.

"What we're trying to do with the core program," Oliver said, "is to facilitate the transfer of capable students from the basic sciences into the earth sciences at any level."

Besides initiation of a core program, the department has revised advanced offerings to fit in with specialty areas of new faculty members. For example, a number of courses are being added in tectonics and geophysics and a new course will be offered in petroleum geology.

Oliver said the department will continue to offer elementary courses such as ancient life and physical geography which have proved popular in the past.

The area of environmental geology will be expanded with a new course to be offered in the spring of 1972 by George A. Kiersch, professor of geology. The course will be concerned with such topics as underground water, landslides, foundations for structures, and with other ways in which geology reacts with mankind.

A course in mineral and energy resources is being strengthened, Oliver said, because of the growing importance of these areas of study in society. Two instructors, rather than one, will now be concerned with this course.

In another move to provide broader experience for students, the number of field trips available will be increased.

New Interreligious Ministry Organized

A new Interreligious International Ministry has opened an office in the North Campus Union this week. The office, which is shared with EARS, the counseling service for Cornell students, is located on the south side of the game room in the union.

Under the leadership of the Rev. Robert W. Beggs, administrator, the new ministry will attempt to encourage broader representation of various religions of the world, will counsel international students, sponsor conferences, colloquies and study-action groups relating to religions of the world.

Top on the priorities list for the ministry will be a conference next fall featuring a group of scholars representing the world's great religions who will be brought to Cornell by the Temple of Understanding in Washington, D.C. The aim of the Temple of Understanding is to provide opportunities for people to meditate, study and explore the spiritual

teachings which form the bases of the religions of the world.

At the conference, said Beggs, "we shall address ourselves to where we are heading, the moral and ethical implications and what we can do about it."

The conference, he said, will examine what religious leaders can do for the mutual understanding and survival of humanity with the help of young people in supportive roles of travel-study-work programs and relief and peace group activities.

The interreligious and inter-ideological theme for the conference may also be a theme for an ongoing study group this spring and next fall in preparation for the conference, said Beggs.

As a project sponsored by Cornell's Council of Federated Ministries, the international ministry also intends to encourage other religions such as Buddhism

and Hinduism to join the council, which is now made up of representative Christian, Jewish and Muslim groups.

As a long-term goal, the ministry hopes to encourage the formation of a residential college on the campus that would be called a Center for World Community.

Such a center, Beggs said, would promote seminars and institutes that could lead to accredited courses to be conducted in a residential setting where international and American students could convene to assess the future and the problems of survival and world community.

The activities of the international ministry are guided by a Council Advisory Committee, chaired by J. Congress Mbata, associate professor of black studies in history.

Persons interested in activities of the ministry may call Beggs at 256-4864.

Bulletin of the Faculty

(Publication of this Bulletin is supervised by the Secretary of the University Faculty Robert M. Cotts, 315 Day Hall, 256-4843.)

Summary of Meeting Of the Faculty Council of Representatives 4:30 p.m., April 12, 1972

In a relatively brief meeting, the FCR (1) received the Speaker's ruling on a point of privilege raised at its last meeting, (2) accepted a proposal from the Graduate School for establishment of three Masters' Degrees, (3) received the Report of the University-ROTC Relationships Committee, and (4) made a recommendation to the University Administration on the closing of the University due to snow conditions.

(1) Point of Privilege.

In the March 8 meeting of the FCR, a question of privilege was raised by Prof. I. Blumen with respect to two paragraphs in a speech made by Prof. R. B. McKersie which was printed in the Chronicle on March 2, 1972. The Speaker, Prof. J. Whitlock, ruled as follows on the matter:

The Speaker rules that the question of privilege raised by Professor Blumen at the last

meeting is admitted, and he classifies the question as a breach of decorum. Although the chair has no power to impose a penalty, he will "suggest that the case will be sufficiently resolved by an apology or withdrawal of remarks" by Dean McKersie. As far as the Chair is concerned, the question is adequately disposed of and closed.

The Speaker noted that the quoted phrase in his ruling was from Roberts Rules of Order. An attempt to appeal the ruling of the Speaker was voted down, 46-19.

(2) Establishment of New Degrees.

The FCR approved the establishment of the following graduate degrees:

- Master of Professional Studies, Hotel Administration.
- Master of Professional Studies, Human Ecology.
- Master of Engineering, Engineering Mechanics.

(3) Report of the University-ROTC Relationships Committee.

The Report of the Committee was received by the FCR. The full report will be published in next week's Chronicle.

(4) Snow Emergency and University Closure.

A slightly amended form of a motion by Prof. L. P. Williams was passed. The text of the motion passed is:

The Faculty Council of Representatives, while recognizing the ultimate responsibility of the central Administration for deciding whether classes should be cancelled because of snow, nevertheless wishes to urge upon the Administration the desirability of holding classes except under the most unusual conditions. It, therefore, recommends that classes *not* be cancelled unless local roads are placed in a state of snow emergency.

In other business, the floor was opened for nominations to add to the list prepared by the Nominations and Elections Committee (Chronicle, March 16, 1972). Two nominations were received for At-Large Members of the FCR. Those nominated are:

Isadore Blumen, Professor of Industrial and Labor Relations, and Robert H. Elias, Goldwin Smith Professor of English Literature and American Studies.

In Ujamaa Program Innis to Lecture Sunday

Roy Innis, national director of the Congress of Racial Equality (CORE) will speak on "Nationalism and Community Control: the Practical Politics of the Black Community," at 4 p.m. Sunday in 110 Ives Hall.

The talk is open to the public.

A prominent civil rights leader in the early 1960's, Innis later turned towards black nationalism, and CORE then became a human rights organization based on the concept of black nationalism. Among topics he will discuss will be a proposal he has drawn up against busing school children to different schools to achieve integration.

His talk is part of a program

sponsored by Ujamaa Residential College, which will be located in North Campus 10 next fall. Ujamaa was designed for persons concerned with problems of underdeveloped communities, especially those involving people of African descent.

"We are trying to immerse people now in serious thought about the alternatives they will have when they leave Cornell and how beneficial they can be to the black community," said John Sanders, a freshman and one of the organizers of Ujamaa.

After Innis' talk, informal discussions with him and workshops will be held in the North Campus 10 main lounge.

Black Student Conference Set

A conference to examine the future prospects of Cornell's black undergraduate and graduate students in education, business and community development and service will be held Saturday afternoon in Malott Hall.

Present, Former B&PA Profs Chosen as Deans Elsewhere

Richard R. West, professor of finance at the Graduate School of Business and Public Administration (B&PA) has been named dean of the University of Oregon's College of Business Administration effective July 1.

In addition, a former dean of the B&PA School, C. Stewart Sheppard has been appointed

Featured speaker will be Samuel Yette, author of "The Choice: The Issue of Black Survival in America." His talk will begin at 1 p.m. in the auditorium and will be followed by a group discussion there at 2.

dean of the Graduate School of Business Administration at the University of Virginia. Sheppard was dean of Cornell's B&PA school from 1955 to 1961.

West, 34, joined the Cornell faculty in 1964 as an assistant professor. He was elected associate professor in 1967 and professor in 1970.

Registration for the conference will be at 12:30 p.m. in the second floor lounge.

Several workshops and informal discussion groups will be held from 4-6 p.m. These will include a job workshop, which will cover various summer jobs and programs available; a political workshop, which will involve discussion of options available to black persons through electoral politics; a workshop explaining the plans of Ujamaa Residential College; a higher education workshop to explore problems of financial aid, educational alternatives and paraprofessional training, and a health workshop to be conducted by pre-medical students on health service programs for the black community.

Faith Fenton

Faith Fenton, professor emeritus of food and nutrition at Cornell, died April 4 in California after a long illness.

A member of the staff of the New York State College of Home Economics at Cornell from 1922 until her retirement in 1959, Miss Fenton became known internationally for her research and teaching in the field of food science.

As a pioneer in research in food freezing, Professor Fenton established many of the basic principles of the preparation of frozen foods in her work with Dr. D. K. Tressler of the State Agricultural Experiment Station in Geneva.

She had many "firsts" to her credit. She was the first woman to be invited to present a paper at an International Refrigeration Congress. She published a number of papers including one on the Vitamin C content of the cooking water of fresh and frozen vegetables. She was also first to publish extensively on precooked frozen foods.

Her research embraced fresh, frozen, dehydrated, and canned vegetables; dried

fruits; frozen precooked foods; fresh frozen, irradiated meat, and meat from antibiotic-fed animals. Electronic cooking claimed her interest from its beginning. Her research in this area made valuable contributions to that process.

Professor Fenton was the author of 12 Cornell Extension bulletins and contributed chapters to several books. More than 85 articles from her research appeared in scientific journals.

Miss Fenton was awarded a Certificate of Appreciation from the U.S. War and Navy Department for "an outstanding contribution to the work of the Office of Scientific Research and Development during World War II." This research was to determine if vitamin supplements were necessary for the armed service personnel. She was the recipient of the Alumni Merit Award from Iowa State College in 1947.

She served on many national committees.

Miss Fenton is survived by two sisters, Elizabeth and Avis.

Job Opportunities At Cornell University

The following are regular full-time positions unless otherwise specified. For information about these positions, contact the Personnel Department, B-12 Ives Hall, N.W. An equal opportunity employer.

Accountant, A-20
Administrative Secretary, A-15
(until 7/72)
Administrative Secretary, A-15 (3)
Department Secretary, A-13 (2)
Senior Key Punch Operator, A-13
Senior Typist, A-12
Account Clerk I, NP-6 (Purchasing)
Stenographer II, NP-6 (2)
Assistant Dean, Student Housing
Business Manager
Director, Nursing
Extension Specialist (Project
Leader)
Health Services Administrator
Landscape Architect

Real Estate Manager
Residential Area Coordinator
Chief Design Engineer
Research Associate (NYC)
Research Associate (Geneva)
Senior Programmer, A-26
Technical Writer, A-21
Programmer I, A-19
Senior Electronics Technician, A-19
(2)
Laboratory Technician II, NP-11 (2)
(electron microscope)
Laboratory Technician II, NP-11
Dairyman I, NP-7
Head Dining Supervisor, A-21
Dining Supervisor, A-18

Ammons Gives Views On Poetry

Continued from Page 1

poets. We have thousands of English professors in this country and not many of them are great poets although they know a great deal about poetry.

"Knowledge will not create poetry. Whatever it is it has to be there already."

His poem "Put Down Come On" states it this way:

"You would think I'd be a specialist in contemporary literature: novels, short stories, books of poetry,

my friends write many of them: I don't read much

and drinks are too strong for me: my empty-headed

contemplation is still where the ideas of permanence

and transience fuse in a single body, ice, for example,

or a leaf: green pushes white up the slope: a maple

leaf gets the wobbles in a light wind and comes loose

half-ready: where what has always happened and what

has never happened before seem for an instant reconciled:

that takes up most of my time and keeps me uninformed:

but the slope, after maybe a thousand years, may spill

and the ice have a very different look withdrawing into

the lofts of cold: only a little of that kind of thinking flashes through: but turning the permanent also

into the transient takes up all the time that's left."

Another kind of answer to all those questions that really needn't be asked can be found in a quote from Emerson that Ammons read to his class in poetry writing only last week: "The man is only half himself, the other half is his expression."

Employees Granted New Benefits

10% TIAA-CREF Lump Sum

Employees in the endowed units of the University who retire on or after June 1 of this year may elect to receive a lump sum of up to 10 per cent of their investment in the University Contributory Retirement Plan.

The new option, which includes employees at the Cornell Medical College, was approved at yesterday's meeting of the Executive Committee of the University Board of Trustees in New York City and applies to employees who retire at or above the age of 55. The option does not apply to employees in the University's statutory units because they come under a plan administered by the State University of New York.

The 10 per cent maximum applies to the endowed employees benefits under both the Teachers Insurance and Annuity Association (TIAA) plan and the College Retirement Equities Fund (CREF) plan. TIAA-CREF are the components of the University Contributory Retirement Plan.

Devised by the University Manpower Planning and Personnel Policy Board, the new option was recommended to the Board of Trustees by University President Dale R. Corson.

The option is designed to enable retiring employees to take a cash payment in order to meet such needs as a down-payment on a retirement home, moving expenses, travel or other sizeable cash needs that occur at the time of retirement.

To Seek Candidates

Judicial Administrator Unit Named

A Judicial Administrator Search and Review Committee to study and make recommendations on the appropriate structure of the Office of the Judicial Administrator and to recommend candidates to head that office when the present administrator's term expires has been named by University President Dale R. Corson.

The committee members are: William Tucker Dean, professor of law, chairman; Frederick L. Stephens, a senior in industrial engineering; Donald G. Dickason, director of engineering admissions; Robert E. Gardner, undergraduate representative on the University Senate, and Barbara Kauber, non-exempt employee senator.

The term of the present judicial administrator, Hartwig E. Kisker, expires on June 30. "According to the Senate legislation, he is eligible for reappointment to this position," Corson wrote in his charge to the committee. "I would find no difficulty with this, but I feel that a broader question, one dealing with the structure of the Office, should be answered."

Corson directed the committee to present to him a list of not more than three candidates by the end of April so that he could present his nomination to the senate at its last meeting of the academic year on May 2. Senate approval of the judicial administrator is required.

Recently, the senate approved the "Judicial Reform and Restructuring Act of 1972," which, pending approval by the

Board of Trustees, will become effective next September. When implemented, the act will abolish the dual trial-appellate board system for hearing cases of violations of the Student Conduct Code and the Regulations for the Maintenance of Public Order.

These dual boards will be replaced by a single trial board and one appellate board that would hear all cases involving violations of the new Campus Code of Conduct, which applies to students, faculty members and employees. The campus code also must be approved by the trustees before it becomes effective.

In view of the pending changes, Corson has asked the committee to review the setup of the judicial administrator's office and to choose one of the two structures that have characterized the office to date.

The structure, within which the first judicial administrator operated, provided for a faculty member to head the office on a part-time basis with a full-time staff person with administrative and staff responsibilities.

The other structure, the one presently employed, provides for a full-time head of the office, who assumes legal, counseling and administrative responsibilities.

To insure an easy transition between the present judicial system and the new one, Corson said it is important that the appointment of the judicial administrator become effective July 1.

Academic Integrity Board Hears Plagiarism Case

(Following is the first public report of the Academic Integrity Hearing Board, a faculty committee comprised of five faculty members and five students. The board is responsible for hearing charges against students accused of violations of the Code of Academic Integrity. The board decides on the guilt or innocence of those charged and can impose penalties up to and including expulsion. The board will report periodically in the Chronicle.)

On April 6, the Academic Integrity Hearing Board heard a case involving a student who was charged with knowingly representing the work of others as his own. The charge was made by a professor in a freshman humanities course after reading a term paper submitted by the student. It was determined that many lines and phrases were copied directly from a reference book used as source material for the term paper. Proper credit was not given for the use of this material. The board, by unanimous vote, found the student guilty of the charge and appropriate action was taken. Three faculty and four student board members were present at the hearing.

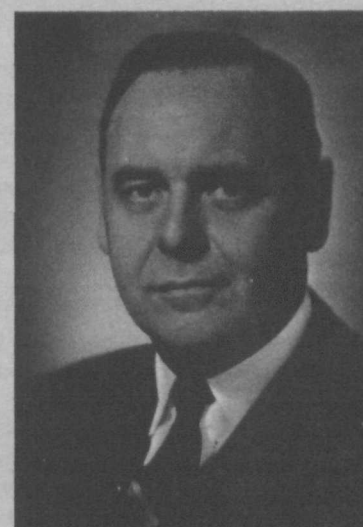
Reader Heads Dept. At Medical College

An internationally recognized expert in the fields of community medicine and medical education, Dr. George G. Reader, has been named Livingston Farrand Professor and Chairman of the Department of Public Health at Cornell University Medical College. He will take office on July 1, succeeding Dr. Walsh McDermott, the head of the department since 1955, who has been named Professor of Public Affairs in Medicine.

In announcing the appointment, Dr. J. Robert Buchanan, dean of the Medical College, described Dr. Reader as "a pioneer in the teaching of a comprehensive approach to ambulatory medical care. Cornell is fortunate, indeed, that such a man is willing to accept this major role in helping the College remain in the forefront of medical education."

The incoming chairman is an innovator whose efforts in exploring new systems of health care delivery have become nationally accepted models. His research has served to spotlight the important role to be played by medical sociology in planning to meet the health needs of an increasingly complex society.

Currently professor of medicine and chief of the Division of Ambulatory Care and Community Medicine at the New York Hospital-Cornell Medical Center, Dr. Reader began his study of health care delivery in 1952 when he was appointed



George G. Reader

Director of the Comprehensive Care and Teaching Program at the Medical Center. Begun as an experimental venture to make the Out-Patient Department "a model locale for the care and study of ambulatory patients," the program proved so successful that it continued until 1969, and became a landmark in its field.

Dr. Reader is an alumnus of Cornell Medical College, Class of 1943, where he was elected to Alpha Omega Alpha honor society, and of Cornell University's College of Arts and Sciences, where he received his bachelor of arts degree in 1940. He completed his internship and residency training at The New York Hospital.

Career Calendar

The U.S. Civil Service Commission and the College Public Agency Council have announced the fourth University Faculty Fellowship Program. Vacancies for summer positions in the fields of accounting, labor relations, engineering, physics, mathematics and computer science are available in the states of New York and New Jersey. See complete listings at the Career Center.

The Senate Page

The Senate Page is the official bulletin of the Cornell University Senate. Publication is supervised by Robert E. Gardner, secretary of the Senate, 133 Day Hall, 256-3715.

Nominees for Committee Assignments

The Committee on Committees will present the following slate of nominees for committee assignments in the third Senate for approval by the full Senate at its meeting at 7:30 p.m. Tuesday in Bache Auditorium, Malott Hall.

The list is being published at this time in order to allow Senators ample time to study it before voting.

The Committee on Committees attempted to follow the Guidelines on Pages 11-12 in Cornell University Senate Committees Legislation (with amendments as of 3/15/72), but made adjustments where necessary in order to place each voting and non-voting Senator who wished to be assigned to a committee. Whenever possible, COC assigned an individual to the committee of his choice, but in those instances where there were several applicants, committees were drawn up with an attempt to balance different points of view.

All Senators who applied for committee assignments have been assigned to committees. Several Senators indicated that they did not wish to be assigned

to any committee. Non-Senators have been assigned to committees, but many student non-Senators who had requested committee seats could not be accommodated. COC recommends that the Senate make use of this pool of willing and often highly qualified people to staff subcommittees and special committees during the term.

COC has applied the administrative conflict of interest by-law strictly to committees in areas where the Senate has legislative authority. Administrators excluded from full participation on committees by this rule may be invited or appointed by the committees to serve as non-voting consultants.

A more complete report will be given by the Committee on Committees at the Senate meeting next Tuesday.

ADMISSIONS AND FINANCIAL AIDS COMMITTEE (10)

Gary Markoff (SS), Linda Boone (SS), Stephen Hitchner (FS)*, Robert Schallenger (FS), Martin Sampson (FS)*, Samuel A. Lawrence (OS), Jeffrey Ross (S), Chi-Ling Yeung (S), Janine Jamieson (S), Hans Bethe (F)*.

SUBCOMMITTEE ON PHYSICAL EDUCATION AND ATHLETICS (11)**

Richard Levao (SS), James Lorbeer (FS), Robert Morrow (FS), Ellen Mandell (S), Regina Baker (S), Jeremiah Wandersstock (F)*, Robert Smith (O), Ken Eike (A). **Also to be chosen: 1 member by and from Women's Athletic Association, 1 member by and from the Sports Advisory Committee, and 1 by and from

Senate Calendar

Monday, April 17 - Executive Committee Agenda meeting, Senate office, 4:30 p.m.

Tuesday, April 18 - Cornell University Senate Meeting, Bache Auditorium, 7:30 p.m.

Wednesday, April 19 Executive Committee Meeting, Senate Office, 4:30 p.m.

intramural athletic managers. BOARD ON STUDENT HEALTH (9)**

Barbara Greenbaun (SS), Michael Silver (SS), Mary Jane Kelley (SS), Andrew Sorensen (FS). **Also Director of Student Health, Chairman of Mental Health Section, 2 persons chosen by the professional staff of Health Services, Vice President for Campus Affairs.

CALENDAR COMMITTEE (9)

James Hecker (SS), James Morris (FS), Christopher Pottle (FS), Marshall Cohen (FS), Margaret Fallon (S), Stephen Rubin (S), Steven Pernick (S), Douglas Smith (S), Peter Van Soest (F)*.

CAMPUS PLANNING COMMITTEE (10)

David Bachman (SS), Neil Wolf (SS), Paul Hartmand (FS), George Winter (FS)*, Otis Curtis (FS), Elmer Meyer (OS), Michael Acquesta (S), Robert Keen (S), Richard Penner (O), Robert Oakley (O)*.

SUBCOMMITTEE ON THE CAMPUS STORE (7)

Frank Fukuyama (SS), Curt Brill (SS), Charles Lee (FS), Dean Clemm (S), Cleveland Jones (S), Scott Elledge (F)*, Joseph Ebel (O).

CODES COMMITTEE (10)

Keith W. Bedford, (SS), Kenneth Ageloff (SS), Kenneth Strike (FS), Barbara Kauber (OS), Peter Braverman (S), Edwin Kagen (S).

COMMUNITY AFFAIRS (9)

Morris Diamont (SS), William Reeder (FS), James Fenner (OS), Steve Cohen (S), Douglas Adler (S), Ronald Linden (S), Ken

Nielsen (O), Rebecca Zaganiski (O).

SUBCOMMITTEE ON COUNSELLING AND ADVISING (9)

Karen Youngquist (SS), Michael Ciraldi (SS), Alfred Baldwin (FS), George Miller (FS), Ken Kelly (S), Richard Schreiber (S), Vahid Alaghband (S), Ken Deschere (O).

SUBCOMMITTEE ON DINING SERVICES (9)

Morton Bishop (SS), Lynn Allinger (SS), Fred Scott (OS), Deborah McNeil (S), Jonathan Kreisberg (S), Robin Meyer (S), J.C. White (F), Robert Baker (F), Helen Wilkins (O).

COMMITTEE ON EDUCATIONAL INNOVATION (9)

Njoku E. Awa (SS), Frank Scruggs (SS), Winthrop Wetherbee (FS), Leonard Babby (FS), Marilyn Martin (OS), Allen D. MacNeil (S), H. Ruth Netherton (S), Anna Park (S), David B. Henderson (P).

SUBCOMMITTEE ON STUDENT HOUSING (9)

Sybre Yeb Reitsma (SS), Claudia Hebel (SS), Nancy Levy (SS), Mary Winter (FS), Mark Liff (S)*, Geoffrey Soutar (S), Roger Jacobs (S), Henry Ross (O).

INTERNAL OPERATIONS COMMITTEE (11)

Richard Arena (SS), Anne Coulston (SS), John Harding (FS), Steve Hanzlik (OS), Theresa Rinckas (OS), Mark Lilien (S), John Arfa (S), John Hutchins (F), Anthony Barbarro (O).

JUDICIARY COMMITTEE (9)

Kenneth L. Dinnar (SS), John Massa (SS), Lawrence Hixon (FS), Bruce Preston (OS), Doreen Knopmacher (S), Michael S. Rabin (S).

MILITARY TRAINING COMMITTEE (10)

Frank Esposito (SS), Michael Fisher (FS), Arthur Muka (FS), Avalon Dungan (S), Ned Miltenberg (S), Robert Alan Reich (S).

MINORITIES AND DISADVANTAGED INTERESTS COMMITTEE (16)

Alan Lee (SS), Alice Henry (SS), Richard Smart (SS), Arthur Bratton (FS), David Robinson (FS), Ruth Darling (OS), Ronald Loomis (OS), Anne Pincus (S), Wiley Poindexter (S), Albert Morales (S), Valerie Gulston (S), Neal Haber (S), Robert Natelson

(S), Joseph Savago (S), Leonard Kennedy (S), Barbara Ann Dunham (O).

SUBCOMMITTEE ON PARKING AND TRAFFIC (9)

Alan Shriro (SS), Robert Levy (SS), D. Hywel White (FS), Mark Levine (S), Stephen Eastwood (S), Arthur A. Berkey (F), Gordon G. Hammes (F), Philip Dankert (O)*, Thomas Hanna (O).

PLANNING REVIEW COMMITTEE (10)

Harry Solomon (SS), John Clever (SS), Robert Platt (ST), Sidney Saltzman (FS), James Houck (FS), Robert Plane (Provost), Morris Peck (OS), Teoman Pekoz (FS), J. A. Krumhansl (F)*, Francis Bonsignore (O).

PUBLIC AFFAIRS COMMITTEE (10)

Jerry Neuwirth (SS), Moss Sweedler (FS), William Pardee (FS), Frederick Zumsteg (OS), Peter Pierik (Alumni Senator), Weyland Beeghly (S), Christopher Rigsby (S), Steven Kennedy (S), Jerald Goldberg (S).

SUBCOMMITTEE ON ORGANIZATIONS AND PUBLIC EVENTS (11)**

Mark Dudzinski (SS), Roberta Axelrod (SS), Barry Glasser (SS), Nancy Conklyn (FS), Trish Richmond (S), Antonia Glasse (F). **One each to be appointed by Department of Theatre Arts and Department of Music.

SUBCOMMITTEE ON RELIGIOUS AFFAIRS (9)

William A. Zuber (SS), Karen Youngquist (SS), Henry Goode (FS), Donald Mueller (S), Steven Wasser (S), Richard A. Brown (S), Alice Colby (FS), Carol Locke (O), Leigh St. John Jr. (A)*.

COMMITTEE ON THE UNIVERSITY AS AN EMPLOYER (9)

Alois Kertz (SS)*, Howard L. Hiller (SS), William Wasmuth (FS), Louise D'Amico (OS)*, Mark Neisser (S), George Brooks (F), Bertha Lewis (F), Dominic Versage (O)*, Irene Brown (O).

NOTATIONS

(SS) Student Senator; (FS) Faculty Senator; (OS) Other Senator; (S) Student non-Senator; (F) Faculty non-Senator; (A) Alumni non-Senator (O) Alumni non-Senator; (ST) Student Trustee.

*Incumbent from predecessor committee.

Proposed Agenda

(Note change of meeting place to Malott.)

1. Announcements.
2. Minutes.
3. Agenda.
4. Calendar for 1973-74.
5. Financial Aid.
6. Committee Assignments.
7. Bill to Establish a Question Time.

Current Legislative Log

BILL NUMBER	DATE SUBMITTED	TITLE	SPONSOR	COMMITTEE REFERRED TO
C-16	3/31/72	The Establishment of New Dormitory Facilities Act [This act requires that planning be immediately initiated for establishment of new University housing facilities.]	Clifford Mass	Campus Life
C-17	3/31/72	Uniform Free Access Act of 1971 [This bill requires that the Cornell Community be informed of all preferential seating or fees.]	Clifford Mass	Org. & Pub. Events Min. & Dis. Advantages
C-18-a	4/5/72	Bill to Establish a Parliamentary Inquiry Period [This bill would institute a Question Time at the beginning of each regular Senate meeting.]	Harold Levy, ILR Undergrad	Executive Committee
C-19	3/31/72	Vacation Housing Act [This bill would keep the dorms open during vacations.]	Gordon Chang	Campus Life
C-20	3/31/72	An Act to Amend the Senate Committee Legislation [This act amends the committee legislation to abolish the Military Training Committee and transfer its functions to the Public Affairs Committee.]	Kenneth Ageloff	Public Affairs Military Training
C-21	4/3/72	An Act to Modify Parking Regulations [This act removes one of the causes for low attendance at Senate meetings by allowing Senators to park their cars in any vacant parking space during and immediately before and after Senate meetings without regard to permit restrictions.]	Kenneth Ageloff	Campus Life Parking and Traffic
C-22	4/3/72	Extending Deadline of Special Study Committee on the University and the Prisoner [A bill to extend the deadline of the Special Study Committee on the University and the Prisoner.]	Executive Committee	
C-23	4/4/72	Saturday Liberation Act of 1972 [A bill to protect against discrimination due to the observance of religious holidays and other days of rest, and to eliminate Saturday classes.]	Harry P. Solomon	Calendar Committee

Mohawk Merger Affects Air Travel Arrangements

Because of the merger of Mohawk and Allegheny airlines, the University Travel Office wants to alert all air travelers to certain changes.

Tickets and information about flights that were formerly Mohawk, may now be obtained at Allegheny Airlines ticket and information counters.

At Kennedy International Airport, travelers should go to the Eastern Airlines Terminal, which houses the Allegheny ticket and

information counters. The departure gates are also in that terminal.

At Logan Airport in Boston, Allegheny tickets and information will be available in Concourse D, South Terminal. Allegheny departure gates will be located in this terminal.

Because the change has just occurred, some tickets may still say "Mohawk Airlines." These tickets will be honored by Allegheny.

Calendar

April 13-20

Continued from Page 8

7 p.m. Two free Brazilian films: *O Pagador de Promesas* and *Grande Cidade*. Bache Auditorium, Malott Hall.

8 p.m. *Film: Sir Laurence Olivier's *Henry V* (1946). Ives 120. Attendance limited to Cornell Community. Cornell Cinema, sponsor.

All Day: *1973 Cornellian senior portrait sittings. Lower Activities Corridor, Willard Straight Hall.

Thursday, April 20

3 p.m. Interdepartmental Family Studies Colloquium Series: *"The Extended Family and Aging."* Philip Taietz. Room NG-04, Martha Van Rensselaer. Coffee available at 2:45.

4 p.m. Open Reading — Fiction and Poetry. Temple of Zeus. Goldwin Smith.

4:30 p.m. Food Science Seminar: *"Research Laboratory Management in a Food Company."* Dr. Robert H. Cotton, vice president, ITT Continental Baking Co. 204 Stocking Hall. Refreshments at 4:15.

4:30 p.m. Materials Science Colloquium. Prof. J. S. Kochler. 140 Bard Hall. Refreshments served at 4 p.m. in Bard Hall Lounge.

4:15 p.m. *Varsity Lacrosse — Australian Nat'l. Team Exhibition. Schoellkopf Field.

4:15 p.m. *Freshman Baseball — Ithaca College. Hoy Field.

4:30 p.m. C.U. Professors-at-Large Program: A public disputation: *"How Much Education Does A Scientist Need?"* Robert Schrieffer, Prof. Univ. of Penn. & Andrew D. White Prof.-at-Large; Max Black, Susan Linn Sage Prof. of Philosophy; Hans Bethe, John Wendell Anderson Prof. of Physics; Paul Olum, Prof. Dept. of Mathematics; James A. Krumhansl, Prof. Dept. of Physics. Ives 120.

4:30 p.m. Messenger Lecture Series (final lecture): *"Food Production and Land Use."* Statler Auditorium. See April 13.

7 p.m. Free Rabies Clinic. International Lounge, Willard Straight Hall. Sponsored by University Unions Program Dept.

8 p.m. *Duplicate Bridge. Sage Cafeteria.

8 p.m. Fuertes Memorial Public Speaking Contest. Hollister Hall lounge. The public is invited.

8:15 p.m. Music Dept. Concert: Music for Tenor Saxophone. Bruce Weinberger, tenor saxophone;

Carol Cohan, viola; Phyllis East, piano. Program: Vivaldi, *Sonata No. 6 in G Minor* (1737); Haydn, *Adagio from Symphony No. 13*; Robert W. Sherman, *Sonata for Tenor Saxophone and Piano* (1969); Henk Badings, *Cavatina* (1950); Debussy, *Syrinx* (1913); Hindemith, *Trio for Tenor Saxophone, Viola and Piano (Opus 47)*. Barnes Hall Auditorium.

8:15 p.m. Lecture: *"Ergative and Accusative Languages."* John Bowers, C.U. Prof. Linguistics. Ives 213. Sponsored by Cornell Linguistics Circle.

8:30 p.m. *The Cornell Synchronized Swimming Club presents "A Musical Fantasia." Helen Newman Pool.

9 p.m. Film: *The Pit and the Pendulum* with Vincent Price, John Kerr, Barbara Steele, plus Spook Spectacular *Frankenstein Meets the Wolfman* and *Doom of Dracula*. Noyes 3rd floor lounge. Sponsored by Noyes Center Board.

10:30 p.m. North Campus Free Cinema Series: *The Crime of Monsieur Lange* (French). Directed by Jean Renoir. Multipurpose Room. North Campus Union. (English subtitles). Sponsored by North Campus Union Committee.

All Day: *1973 Cornellian senior portrait sittings. Lower Activities Corridor, Willard Straight Hall.

Exhibits

An exhibition of Israeli Art and Handcrafts and Jewelry will be in the Multi-purpose Room of the North Campus Union from April 16-19. Hours: 2-5 p.m. and 7-9 p.m.

Andrew Dickson White Museum: Contemporary Prints from Japan — open to April 16; Margaret Bourke-White, Photojournalist—open to April 23; Women Artists in the Museum Collections — open to April 19. Hours: Tues. through Sat. 11 a.m.-5 p.m. Sun. 1-5 p.m. Closed Mon.

Sibley and Franklin Gallery: College of Architecture, Art and Planning Centennial Student Exhibition — open to April 15. Recent sculpture by Howard McCaleb — April 17-21.

Uris Library: "Cornell Silk Screen Prints." Art Work by students in the Ithaca Schools on display in the main floor smoking room.

Olin Library: 1st floor — "Medieval Illuminated Manuscripts in Facsimile." Lower level: "John Wilkes Booth; Actor, Assassin and Darling of the South." History of Science Collection — Wine Making, 215 Olin.

Informal Reading Room — Veterinary School Library, Schurman Hall. Veterinary Memorabilia John M. King Collection.

Willard Straight Art Lounge: "Emotions on Canvas" by Ron Warford.

Goldwin Smith Gallery: Paintings, drawings and prints by Sarah Sutro. April 17-28.

Barton Blotter

Senior Arrested in Barton Hall

Bail was set at \$600 for a Cornell senior arrested last Wednesday at 12:30 p.m. in Barton Hall. The incident occurred shortly before a group of about 125 protesters entered Barton Hall to protest the presence of military recruiters on campus.

Two grand larcenies involving scientific and electronic equipment were reported during the past week, according to the Safety Division. Total value in both thefts added up to nearly \$1,500. In other action, Safety received numerous reports of thefts of unattended purses and items of clothing.

A rubber plant and a Bible were two unusual items taken in separate thefts.

—The unknown male who overturned Marine recruiting tables in Barton Hall Wednesday was arrested by the Safety Division and charged with criminal trespass third degree, resisting arrest and two counts of harassment. At the time of his arrest he refused to identify himself. The subject, later identified as a senior in the Arts College, posted bail and was released from custody on Thursday.

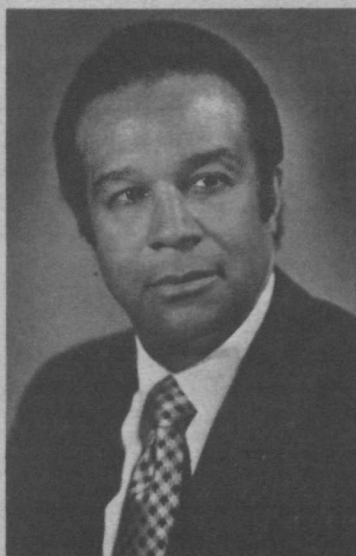
Treasury Department Official To Discuss Phase II Policies

Samuel R. Pierce Jr., general counsel of the United States Treasury Department and a graduate of Cornell University and its Law School, will discuss the federal government's Phase II price and wage policy during a lecture here today.

The public lecture, scheduled for 8:15 p.m. in the Moot Court Room of Myron Taylor Hall, is one of the Robert S. Stevens Lecture series. The series was established by the Phi Alpha Delta law fraternity in honor of the late Robert S. Stevens upon

his retirement in 1955 as dean of the Law School. Stevens died in 1968. The series is designed to provide law students with an opportunity to expand their legal education beyond the substantive and procedural law taught at the Law School. The topics of Pierce's lecture is "Phase II, Past, Present and Future."

Pierce was graduated from Cornell in 1947 with a bachelor of arts degree and earned his law degree at the Cornell Law School in 1949.



Samuel R. Pierce Jr.

Bulletin Board

Lecture Tonight on Sex

Dr. Philip M. Sarrel, a Yale University physician who has been active in promoting progressive sex education programs and publications at Yale, will speak at Cornell University at 8:30 p.m. today in the Memorial Room of Willard Straight Hall.

His topic will be "Sex on the Campus — the Yale Experience."

Sarrel and his wife, Lorna, run Yale's pioneering Sex Counseling Service, which gives free advice to Yale students on general questions relating to sex, birth control and abortion. Mrs. Sarrel is a psychiatric social worker.

Regents, Scholar Incentive Checks

New York State Regents and Scholar Incentive checks for the Spring 1972 semester for all schools may be picked up at the financial aid window, 260 Day Hall.

White to Discuss Food Dating

James White, professor of food science, will speak on the "Pros and Cons of Dating Foods" at the next Food Facts and Fads lecture on Tuesday. The talk is open to the public and will be held at 7:30 p.m. in Ives 120.

The lecture series is sponsored by the Department of Food Science at the New York State College of Agriculture and Life Sciences at Cornell.

Sage Chapel Convocation

"On Becoming Human: Religion as Way of Life," will be the topic of Irving Greenberg, rabbi of Riverdale Jewish Center in the Bronx, who will speak at the Sage Chapel convocation Sunday at 11 a.m. at Cornell University.

NATO Advanced Study Institutes

The National Science Foundation has indicated that they will provide partial support for advanced graduate and post-doctoral students and junior faculty who are U.S. citizens to attend some 43 NATO Advanced Study Institutes to be held in Europe in 1972. These institutes are intended to provide some advanced instruction on highly specialized topics in an atmosphere which will promote international scientific fellowship and cooperation. This year subjects covered by these institutes include astronomy, astrophysics, chemistry, mathematics (including applied mathematics and statistics), computer science, physics (including theoretical, plasma, elementary particle, and space physics), engineering, geology, psychology, the life sciences, regional science, and system dynamics.

The Office of Academic Funding, 123 Day Hall, has a list of those Institutes and the subjects for the coming year. Anyone interested please contact Peter A. Curtiss at 6-5014.

Seminar on Agricultural Development

Dilemmas and issues facing agricultural development in developing nations will be scrutinized in a seminar here on Wednesday.

Open to the public, the talk will be presented by Lionel J. C. Evans, director of the Agricultural Projects Development of the International Bank for Reconstruction and Development.

Sponsored by the Office of International Agricultural Development at the New York State College of Agriculture and Life Sciences at Cornell, the seminar will be held at 4:30 p.m. in Room 135, Emerson Hall.

Biology and Society Lecture

Howard Moraff, a senior research associate in the Department of Physical Biology of the New York State Veterinary College at Cornell, will discuss "Computers in Medicine" in the next lecture of the University's Biology and Society series. The talk, which is open to the public, is scheduled for 8 p.m. Monday in Statler Auditorium.

The lecture will be broadcast over WHCU-FM at 10 p.m.

Stencil Duplicating Seminar

The Gestetner Corporation, in cooperation with their local agency, Pierson's Office Supply, will present a stencil duplicating seminar on Wednesday, April 19 in Statler Hall. All facets of mechanical stencil preparation will be covered, including scope work, electronic stencil preparation and proper typewriter stencil arrangements. This seminar is strictly instructional and its purpose is to promote the low cost spirit duplicating process as an alternative to electrostatic copying methods. There will be two sessions, the first at 9 a.m. and the afternoon session being at 1:30 p.m. Each session is expected to last about two hours.

Nielsen Official to View Ratings

Television audience measurement and how audience ratings are applied by the advertising business will be the topic of the next public seminar on mass communication tomorrow.

George E. Blechta, vice president of the A. C. Nielsen Company of New York City will present the talk at 3 p.m. at the Communication Arts Graduate Teaching and Research Center, 640 Stewart Ave. His topic is titled "TV Audience Measurement — What Does it Mean?"

Calendar

April 13-20

Thursday, April 13

CANCELLATION: Society of Evolutionary Botanists Seminar: "Plate Tectonics and Angiosperm Distribution." Dr. A. C. Smith. 401 Warren Hall.

3 p.m. Interdepartmental Family Studies Colloquium Series: "The Effect on the Family of the Welfare Mothers Working — Some Policy and Programmatic Implications." Harold Feldman. Room NG-04 Martha Van Rensselaer. Coffee available at 2:45 p.m.

4 p.m. Open Reading. Fiction and Poetry. Temple of Zeus, Goldwin Smith.

4:30 p.m. Messenger Lecture Series (third of six) Topic: "Theoretical Production Ecology, Lecture III: 'Quantitative Aspects of Plant Synthesis.'" Cornelis Teunis deWit, Prof. of Theoretical Production Ecology, Agricultural University, Wageningen, the Netherlands. Doctor Honoris Causa, Univ. of Ghent, Belgium. Statler Auditorium.

4:30 p.m. Materials Science Colloquium: "Performance of Liquid Crystal." Dr. A. Sussman. 140 Bard Hall. Refreshments served in Bard Hall Lounge at 4 p.m.

4:30 p.m. Society for the Humanities Lecture: "The Public, Literature and the Arts in the Eighteenth Century." J. H. Plumb, Prof. of History, Univ. of Cambridge, 110 Ives.

4:30 p.m. Microbiology Seminar: "Comparative Biology of the Rhabdoviruses." Dr. F. A. Murphy, Virology Section, Center for Disease Control, Atlanta, Georgia. Coffee at 4:15 p.m. Room 105 Riley Robb Hall.

7:30 p.m. *French Film: *Jeux Interdits* (Forbidden Games) 1952, directed by R. Clement. French dialogue with English subtitles. Ives 110. Co-sponsored by Club France and French-Russian Co-op.

7:30 p.m. Film: *The Exterminating Angel* (1962) (Mexican). Directed by Luis Bunuel. Multi-purpose Room, North Campus Union. Sponsored by North Campus Union Board — Free Films.

8 p.m. Lecture: "Nature and Politics of Guerrilla Warfare." Dr. J. K. Zowodny, Prof. University of Pennsylvania. Ives 120. Sponsored by Scabbard and Blade.

8 p.m. *Duplicate Bridge. Sage Cafeteria.

8 p.m. Concert: Chava Alberstein, radio, television and recording star will appear as part of the celebrations for Israel Independence Day. Anabel Taylor Auditorium.

8 p.m. Lecture: Marge Piercy reading from her works. Feminist novelist and poet. Temple of Zeus, Goldwin Smith. Sponsored by Women's Liberation Caucus — Graduate Coordinating Council.

8:15 p.m. *University Theatre Production: *The Marriage of Mr. Mississippi*. Drummond Studio.

8:15 p.m. Lecture: "Phase II — Past, Present and Future." Samuel R. Pierce Jr., general counsel of the United States Treasury Dept. Moot Court Room, Myron Taylor Hall.

8:30 p.m. Lecture: "Sex on the Campus — The Yale Experience." Dr. Philip Sarrel, Yale University. Memorial Room, Willard Straight Hall. Sponsored by SECS and Forum.

9 p.m. Film: *What Ever Happened to Baby Jane*, with Bette Davis and Joan Crawford. Noyes 3rd floor lounge. Sponsored by Noyes Center Board.

Friday, April 14

3 p.m. AAUP Discussion: "Collective Bargaining in Academic Life." Prof. William McHugh, American Univ. School of Law; Prof. Robert Hart, SUNY at Binghamton; Prof. Paul Heath, Rutgers Univ. Room 200, ILR School.

3 p.m. Lecture: "TV Audience Measurement — What Does It Mean?" George E. Blechta, vice president of A.C. Nielsen Co., N.Y.C. Communication Arts Grad Teaching and Research Center, 640 Stewart Ave. Jointly sponsored by Dept. of Communication Arts, College of Agriculture and Life Sciences and College of Human Ecology and Park Broadcasting, Inc.

4 p.m. Lecture: "Generative Techniques in Panini." Rama Nath Sharma, Univ. of Rochester, Asst. Prof. of Linguistics. Ives 213. Sponsored by Cornell Linguistics Circle.

4:45 p.m. Lecture: "The Art of Organic Forms: Has Science Joined the Counter Culture?" Philip Ritlerbush, Director of Organization RESPONSE, Washington, D.C.

Goldwin Smith D. Sponsored by Collaborations in Art, Science and Technology.

6 p.m. *Specialty Night featuring "Beef and Brew" with all the beer you can drink with your dinner. Statler Main Dining Room. Reservations requested 257-2500.

7 p.m. Corridor 2B Reception. Mary Donlon Hall Formal Lounge.

7 & 9:15 p.m. *Film: *Shaft* (1971) with Richard Roundtree. Statler Auditorium. Cornell Cinema, sponsor.

7 & 9:30 p.m. *Film: *They Shoot Horses, Don't They?* (1969) with Jane Fonda. Ives 120. Attendance limited to Cornell Community. Cornell Cinema, sponsor.

8 p.m. Final Round of First Annual Super Colossal Cornell University Trivia Contest. Memorial Room, Willard Straight Hall. Sponsored by University Unions Program, the Straight Gang, Raunchy Americana.

8 p.m. Lecture: "Neurotic Determinants of Religious and Anti-Religious Conviction." Dr. Arman M. Nicholi II, M.D., senior staff psychiatrist, Harvard Univ. Ives 110. Sponsored by Graduate Christian Forum.

8:15 p.m. *University Theatre Production: *The Marriage of Mr. Mississippi*. Drummond Studio.

8:15 p.m. Music Dept. Concert: Steven Lubin, piano. Program: Scarlatti, *Four Sonatas*; Beethoven, *Sonata Opus 28 in D*; Lubin, *Random Jazz for Organ and Electronic Tape*; Chopin, *Sonata Opus 58 in B*. Barnes Hall Auditorium.

8:15 p.m. Film: Brazilian film, *Black God, White Devil* (1969) Portuguese dialogue with English subtitles. Multi-purpose Room, North Campus Unions. Sponsored by Latin American Student Assoc. Open to Cornell Community.

9 p.m. Lecture: "Morality and Justice in Homer and Hesiod." Prof. Michael Gagarin, Dept. of Classics, Yale Univ. Sage Graduate Lounge. Sponsored by Dept. of Classics, C.U.

Saturday, April 15

9 a.m.-noon, 2-5 p.m., 7-11 p.m. *Cornell Folk Dancers present a Turkish Folk Dance Workshop with Zev Feldman. Martha Van Rensselaer Auditorium.

9 a.m.-noon Latin American Forum: "The Transfer of Science and Technology to Developing Countries." E. Nino and R. Ojeda; "The Specialization of Latin American Professors Abroad and the Modernization of Latin American University." J. Alvarez; "The Latin American as Student of Social Sciences in U.S.A. and his Possible Role in the Development of Latin America." R. Lacayo. All talks to be given in Spanish. Clark Hall Seminar Room 700.

12:30 p.m. "Latin American Lunch." Open only to those attending the forum. Elmhirst Room, Willard Straight Hall.

3:30 p.m. Documentaries on Latin America: *Mexico, The Frozen Revolution; Ancient Art of Peru; Ancient Peruvian; Yucatan: Land of the Maya*. North Room, Willard Straight. Sponsored by Latin American Student Assoc. Open to Cornell Community.

3:30 p.m. Lightweight Crew — Penn.

5-7:30 p.m. *Steak Escape. A complete steak dinner — \$2.99 plus tax. Statler Student Cafeteria. A project of students of Hotel Administration.

6-8 p.m. *Steaks Royale. A complete N.Y. strip steak dinner — \$5 plus tax. Reservations requested 257-2500. A project of Students of Hotel Administration. Statler Main Dining Room.

7 & 9:15 p.m. *Film: *Shaft*. Statler Auditorium. See April 14.

7 & 9:30 p.m. *Film: *They Shoot Horses, Don't They?* Ives 120. See April 14.

8 p.m. Lecture: "Jill Johnston — a Lesbian Feminist." Jill Johnston, writer for The Village Voice. Noyes 3rd floor lounge. Sponsored by Gay Liberation Front.

8:15 p.m. *University Theatre Production. *The Marriage of Mr. Mississippi*. Drummond Studio. See April 13.

8:30 p.m. *Jethro Tull Concert Barton Hall. Sponsored by University Unions Program Dept.

9 p.m. *Latin American Dancing Party. 1st Floor Lounge, North Campus Union. No charge for members of Latin American Student Assoc. or guests, others (men) \$1. Open to Cornell community.

Sunday, April 16

9:30 a.m. Yoga. Loft II, Willard Straight Hall.

9:30 a.m. Episcopal Church at Cornell. Worship, Anabel Taylor Chapel. Church School and Nursery care provided. All are welcome.

11 a.m. Cornell Cricket Club practice. Bacon Cage.

11 a.m. Sage Chapel Convocation: Rabbi Yitzchak Greenberg, Riverdale Jewish Center, Bronx, N.Y.; Assoc. Prof. of History, Yeshiva Univ., N.Y. City. Sage Chapel.

2 p.m. Table Tennis Round Robin. Noyes 3rd floor lounge.

2 p.m. *Lecture by Roy Innis, chairman of Congress of Racial Equality. Sponsored by Ujamaa Residential College. Ives 110.

4:30 p.m. Lecture on the role of women in politics. Alice Sachs, active in the Democratic Party in Manhattan. International Lounge, Willard Straight.

5-8 p.m. *Continental Buffet. Cornell's only classical menu. Statler Main Dining Room. For reservations call 257-2500.

7 & 9:15 p.m. *Film: *A Man and a Woman* (1966). Statler Auditorium. Cornell Cinema sponsor.

8:15 p.m. *Bailey Hall Concert: Hector Berlioz, *Grande Messe des Morts (Requiem)*. Karel Husa, conductor; Charles Bressler, tenor; Cornell Symphony Orchestra and Brass Choirs; Cornell University Glee Club and Chorus. Bailey Hall.

Monday, April 17

4 p.m. Lecture: "The Nonmetric Breakthrough for the Behavioral Sciences." Louis Guttman, Scientific Director, Isreal Institute of Applied Social Research and Prof. Hebrew Univ. Israel. Ives 120. Sponsored by Depts. of Rural Sociology and Sociology.

4:15 p.m. University Lecture: "Tradition and the Greek Historian." Arnaldo Momigliano. Ives 110.

6:30 p.m. *Guest Chef Series — Chef Roy Andrews of the Public House, Sturbridge, Mass. Statler Main Dining Room. For reservations call 256-2331. The Cornell Community is invited.

8 p.m. *Film: *The World of Henry Orient* (1964) with Peter Sellers. Ives 120. Attendance limited to Cornell Community. Sponsored by Cornell Cinema.

8 p.m. *Duplicate Bridge. Sage Cafeteria.

8 p.m. Society and Biology Lecture Series: "Computers in Medicine: Machine Intelligence." Howard Moraff, Research Assoc. Physical Biology, C.U. Statler Auditorium.

All Day: *1973 Cornellian senior portrait sittings. Lower Activities Corridor, Willard Straight Hall.

Tuesday, April 18

10 a.m.-3:45 p.m. Bloodmobile. Sons of Italy Hall. Sponsored by the Cornell Interfraternity Council.

4 p.m. Lecture: "Music as Object and as Movement." Frits Noske. Room 121 Lincoln Hall. Sponsored by Music Dept.

4 p.m. University Lecture: "Pablo Neruda: The Poetic and Political Personae." Emir Rodriguez Monegal. Prof. Yale Univ. Memorial Room, Willard Straight Hall.

4:15 p.m. *Varsity Baseball — Colgate. Hoy Field.

4:30 p.m. Geological Sciences Seminar. 212 Kimball Hall.

4:30 p.m. Messenger Lecture Series (fourth of six). "Potential Production of Crop Surfaces." Cornelis Teunis deWit. See April 13. Statler Auditorium.

7 & 9:15 p.m. *Film: Milos Forman's *Taking Off* (1971) with Buck Henry. Statler Auditorium. Sponsored by Cornell Cinema.

7:30 p.m. Food Facts and Fads Seminar "The Pros and Cons of Dating Foods." Prof. J. C. White, Food Science C.U. Ives 120.

8:30 p.m. Poetry Reading: Lynn Shoemaker and Jim Bertolino at the Commons, Anabel Taylor Hall.

All Day *1973 Cornellian senior portrait sittings. Lower Activities Corridor, Willard Straight Hall.

Wednesday, April 19

10 a.m.-9 p.m. *Graphics Sale — Bermond Arts Limited. Memorial Room, Willard Straight. Sponsored by University Unions Program Office.

4 p.m. Lecture: "Child Development Research and Social Policy." Edward Zigler, Director Office of Child Development, Dept. of Health, Education and Welfare. Room N-207 Van Rensselaer Hall. Sponsored by Human Development and Family Studies.

4:30 p.m. Seminar: World Bank Official to Discuss Dilemmas in Agricultural Development. Lionel J. C. Evans, Dir. Agricultural Projects Dept. of Int'l. Bank for Reconstruction and Development. Room 135, Emerson Hall. Sponsored by International Development Office and C.U. College of Agriculture and Life Sciences.

4:30 p.m. Music Dept. Concert: The twenty-four Debussy preludes. Performed by eight pianists from Music 552. Barnes Hall Auditorium.

4:30 p.m. Messenger Lecture Series: (fifth of six) "Temporal Development of Plants." Cornelis Teunis deWit. Statler Auditorium. See April 13.

7 p.m. Studies in Bible Truths. Balch 4 lounge.

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