

Cornell CHRONICLE

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Successful
elements
of chemistry

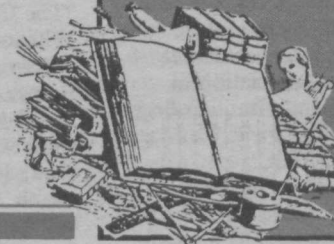
The cap and
gown crowd

4-5



Prizes,
honors
and awards

6-8



Cornell plans meeting on animal patents

Biological patent specialists from U.S. and West European governments and corporations will meet here June 4 and 5 in their first major symposium since the ruling that animals can be patented in the United States.

They will discuss legal protection of biotechnological inventions including the April 3 authorization by the U.S. Patent and Trademark Office to patent genetically-engineered animals.

Other products to be discussed include microorganisms, seeds and plants.

The April decision made the United States the first nation to extend patent rights to procedures such as altering hogs and sheep so they grow faster while developing less fat, said William H. Lesser, an associate professor of marketing in the Department of Agricultural Economics and co-organizer of the symposium.

Charles Van Horn, director of the U.S. Patent Office's Group 120, which will examine applications for animal patents, will deliver one of the papers at the symposium.

About 70 scientists and legal experts will attend. They include representatives of the World Intellectual Property Organization, which is the United Nations agency administering international patent agreements from its headquarters in Geneva.

Continued on page 11

Former British prime minister to speak here

Former British Prime Minister Edward Heath will lecture here on June 12, one day after voters in the United Kingdom elect a new Parliament.

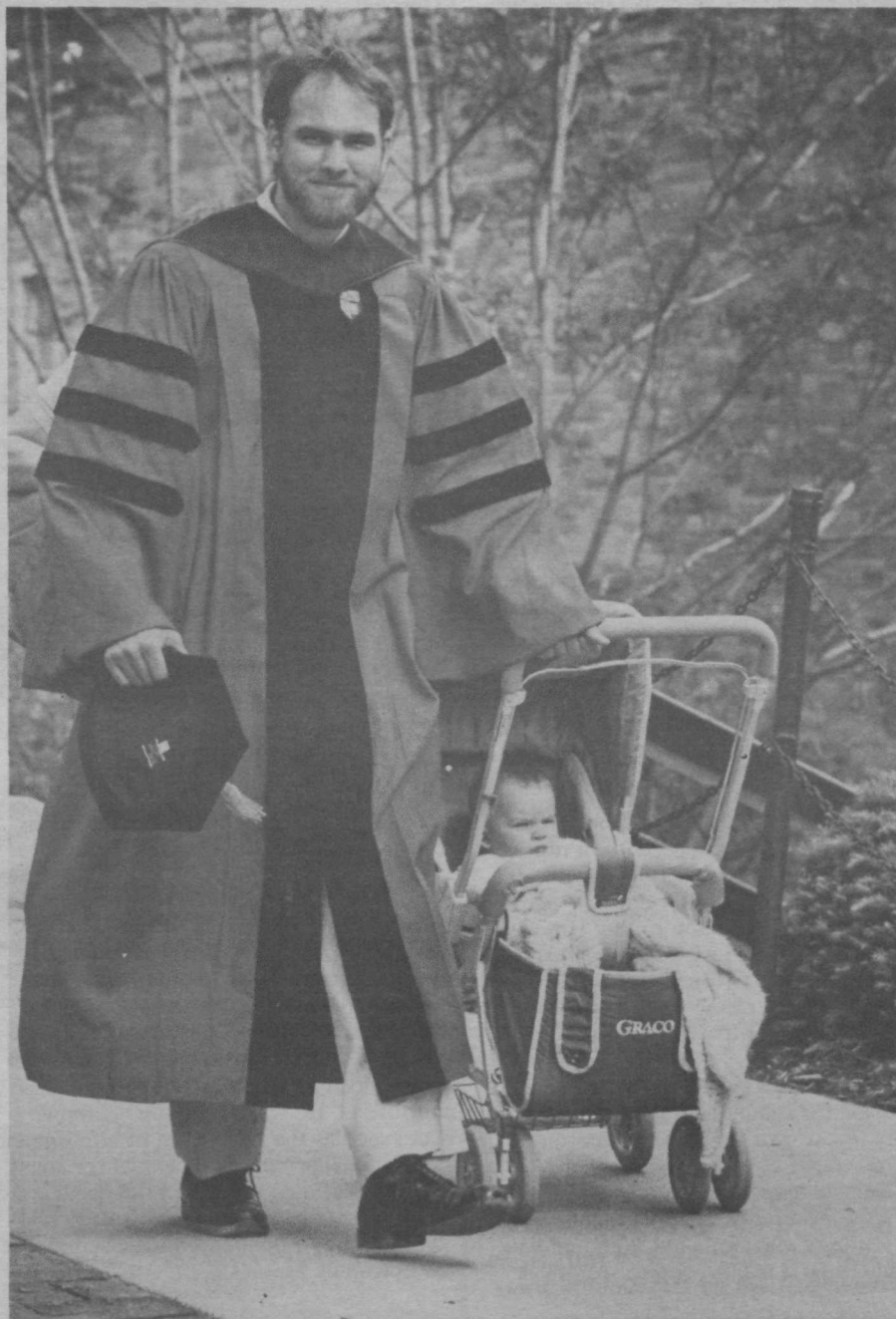
A member of the House of Commons since 1950, Heath was prime minister from 1970 to 1974. He was leader of the Conservative Party from 1965 until 1975, when the current prime minister, Margaret Thatcher, became leader of the party.

Heath, who is standing for re-election to Parliament in the June 11 balloting, will lecture on "Britain, the European Community and the United States" beginning at 4 p.m. in Bailey Hall. His lecture is part of alumni reunion weekend and is not open to the general public.

Heath was a key participant in Britain's entry into the European Economic Community, or Common Market. In 1961, the New York Times described Heath as "a persuasive and at times brilliant speaker whose calm, even-tempered manner and quiet courtesy discourage hot-blooded political exchanges and promote reasoned discussion."

He is visiting the campus as the Spencer T. and Ann W. Olin Lecturer. The Olin Lecture was established last year as part of a \$30 million commitment over 20 years from the Spencer T. and Ann W. Olin Foundation to support graduate education.

— Mark Eyerly



Doug Hicks

PRIDE AND JOY: Warren Andrew Varley, J.D., makes his way from Bailey Hall, site of the Law School's final convocation last Sunday.

5,400 expected to graduate

More than 23,000 guests are expected to fill Schoellkopf Stadium on Sunday, May 31, to celebrate Commencement with the approximately 5,400 students expected to receive degrees.

Commencement exercises, which begin at noon, will be the finale to a weekend of activities for the graduates.

Leading the weekend will be an address by Gov. Mario M. Cuomo at the 1987 Convocation at 12:45 p.m. on Saturday, May 30 at Barton Hall. The Convocation also will feature a speech by Senior Class President Lori Ives, presentation of the class gift and a performance by a student singing group, the Hangovers.

Other events of the weekend include:

- Ceremonies for 72 Cornell and three Ithaca College students who will receive ROTC commissions will be at 8 a.m. on May 31 at Statler Auditorium. Retired Army Gen. Richard Stilwell will be the guest speaker.

- A Baccalaureate service sponsored by Cornell United Religious Work will be held at 9:30 a.m. in Bailey Hall. Leonard Fein, editor of Moment magazine, will be the featured speaker.

- The Commencement address will be delivered, as is traditional, by President Frank H.T. Rhodes. The Cornell Chimemasters, the Wind Ensemble, and the Glee Club and Chorus will provide music for the ceremony.

In case of severe weather, two abbreviated indoor ceremonies will be held at Barton Hall. The first ceremony, for the College of Architecture, Art and Planning; College of Engineering; School of Hotel Administration; College of Human Ecology; the Graduate School; School of Industrial and Labor Relations; Johnson Graduate School of Management; and the College of Veterinary Medicine, will be held at noon. The second ceremony, for the Colleges of Agriculture and Life Sciences and of Arts and Sciences, will be held at 2 p.m. Admission for the indoor ceremonies is by ticket only.

— James A. Mazza

New program to aid study of nutrition

Cornell has launched a major food and nutrition program to help policy makers throughout the world alleviate malnutrition, especially in Third World countries.

The aim is to "develop an academic base for future food and nutrition policy makers," said Malden C. Nesheim, director of the Division of Nutritional Sciences, a joint academic unit of the College of Human Ecology and the College of Agriculture and Life Sciences.

Nesheim, who will direct the new program, said that a \$450,000 grant from The Pew Charitable Trusts of Philadelphia will support the program for four years.

Explaining the need for such a program, Nesheim said that hunger and malnutrition are still major contributors to human suffering, infant and child deaths and low productivity in many developing countries.

On the basis of a recent report by the World Bank, Nesheim estimated that in 1980 as many as 730 million people in the world did not have enough income to obtain adequate amounts of food.

"This was not due to insufficient food available in the world, but it was due to inadequate policies leading to the appropriate food and nutrition policy that would ensure food security," Nesheim asserted.

He said, "There is a lack of institutions worldwide that have the capacity to help government agencies develop policies and interventions to deal with food and nutrition programs."

"In the United States, for example, there are few academic institutions that can provide training for professionals who are able to carry out research on food and nutrition programs for the Third World."

Cornell, however, has a major program in teaching and research focusing on public health and epidemiological aspects of nutrition programs.

Under that program, Cornell is conducting research in a number of developing countries, including China, India, Indonesia, the Philippines, Lesotho, Malawi, Kenya, Peru, Bolivia, Mexico, Panama, Guatemala, Jamaica, Nepal, Morocco and Argentina.

Outlining the goals of the new program in international food and nutrition policy, Nesheim said that the program will "provide a research and teaching base from which to examine policies available to Third World countries to alleviate problems of malnutrition."

"Although the program will have an international focus, the policy orientation should eventually provide a forum . . . to examine domestic U.S. policies relative to food and nutrition," he said. "There are similarities in issues affecting food and nutrition throughout the world, and our domestic nutrition policy can benefit from a The Pew Charitable Trusts will support fellowships for students interested in studying international nutrition policy, travel by faculty and students to do research overseas and appointment of a visiting professor annually to come to Cornell to increase resources for the program."

The Philadelphia-based Pew Charitable Trusts consist of seven individual charitable funds established by the family of Joseph N. Pew.

— Yong H. Kim

Notable

President Frank H.T. Rhodes has been selected by the Cooperative State Research Service of the U.S. Department of Agriculture to receive the 1987 Justin Smith Morrill Award.

The award is given in recognition of "demonstrated leadership and significant contributions to the principles of higher education in the food and agricultural sciences."

Rhodes will receive the award and deliver the Justin Smith Morrill Memorial Lecture at the opening session of the centennial meeting of the National Association of State Universities and Land-Grant Colleges (NASULGC) on Nov. 9 at the J.W. Marriott Hotel in Washington, D.C.

Sponsored by the USDA Office of Grants and Program Systems, the Morrill Memorial Lecture is presented as a tribute to Justin Smith Morrill, the author of the land-grant legislation of 1862 that paved the way for establishing the nation's land-grant college system. Rhodes' lecture will address the underlying philosophy of the Morrill Act of 1862 and its significance to the education of the people.

Thomas H. Canfield, professor emeritus in the College of Architecture, Art and Planning, was among 16 Ohio State University alumni honored at the annual Conference for Engineers and Architects on May 15.

Canfield, a Cornell faculty member from 1946 to 1976, received the Distinguished Alumni Award for distinction in the field of architecture. Among Canfield's many accomplishments are the design of most buildings at Ithaca College, the Community College of the Finger Lakes, the campus plan for State University of New York Agriculture and Technical College at Alfred and several private homes in the Ithaca area.

Canfield, who helped the University of Puerto Rico establish a School of Architecture, has received the American Institute of Architects Medal and the Alpha Rho Chi Medal.

He earned a bachelor of architecture degree from Ohio in 1939.

Clarification

A caption in the May 14 Cornell Chronicle incorrectly identified Theodore M. Klein as one of the inventors of the high-velocity gene gun. Klein, who is a postdoctoral associate in horticultural sciences at the Agricultural Experiment Station at Geneva, assisted in development of the gene gun, but he is not one of the inventors. Also, a patent application for the device has been filed by the Cornell Research Foundation, not Cornell University, as stated in the article. The Chronicle regrets the errors.

Wind Ensemble will perform

The Cornell Wind Ensemble, under the baton of Marice Stith, will perform on Saturday, May 30 at 3 p.m. at the Statler Auditorium. The program includes "Winter Evening Song," by the late Brian Israel; "Gershwin!" arrangements by Warren Barker; Charles Mackerras' arrangements of the ballet "Pineapple Poll;" and a musical parody of Cornell's Alma Mater called "The Centennial Celebration March" by William P. Foster.

David Brackett will conduct Leonard Bernstein's "Overture to Candide" arranged by Walter Beeler. Other composers whose work will be performed include Gustav Holt, Joseph Wilcox Jenkins, Claude T. Smith, Caesar Giovannini. All but one piece will be conducted by Stith. The concert is free and the public is welcome.

Israel, who received his doctor of music degree in composition from Cornell and was a member of the ensemble throughout his time here, died last June. He was a professor of music at the University of Syracuse.

Brackett, a full-time teaching assistant, shared conducting responsibilities this year.

Stith, associate professor of music and director of bands at Cornell, and the ensemble have just returned from a concert tour to Washington, D.C. where they performed on the Capitol Terrace and St. Alban's School and to Bethesda, Md. where



Marice Stith

they performed at the United States Naval Hospital.

The Cornell Wind Ensemble is a group of up to 65 of the most talented wind and percussion players on the university campus. Although almost all of its members are students who are not majoring in music, the group's performances are respected for their professional calibre. The ensemble's large repertoire consists almost exclusively of works originally written for winds, many of which were commissioned and first performed by the group.



Pest resistance to insecticides, plants, environment are topics

George P. Georgiou, a world authority on pest resistance to insecticides, and Paul G. Jarvis, an expert on interactions between plants and the environment, will be the Boyce Thompson Institute Distinguished Lecturers in the Life Sciences in June.

Georgiou's lecture, "Can Chemical Insect Control be Sustained in the Presence of Resistance?" is scheduled for June 3 at 2 p.m. in James Law Auditorium.

"Coupling of Vegetation to the Atmosphere" is the title of Jarvis' lecture set for June 10 at 2 p.m. in Room 45 of Warren Hall. Jarvis is a professor of forestry and natural resources at the University of Edinburgh.

BTI President Ralph W.F. Hardy said, "Professor Georgiou is respected internationally for his work on the genetics of insect resistance to insecticides and related insect control agents."

"The problem of insect resistance to the toxic action of chemicals has been and will continue to be a major concern worldwide

because of the detrimental effect of resistance on agricultural production and human health.

"The study of pest resistance to insecticides is being undertaken on all continents, and Dr. Georgiou's research has been strongly influential in providing directions for profitable avenues of investigation."

Georgiou is a professor at the University of California at Riverside, where he previously served as head of the Division of Toxicology and Physiology and chairman of the Department of Entomology.

As for the June 10 lecture, Hardy said that Jarvis will discuss changes in the uptake of carbon dioxide and loss of water from individual plants, plant communities and forests. He will emphasize "current issues such as the rising level of atmospheric carbon dioxide" and its potential for creating a "greenhouse effect" on the Earth's climatic patterns in the future, Hardy said.

The Agway Foundation is the sponsor of the upcoming lectures. — Yong H. Kim

Conference set on Islamic justice

Some 13 leading Islamic scholars will participate in a conference here on "Islam and the Struggle for Justice in the World Today" Sept. 12 through 15.

The conference is designed to develop an understanding of justice in Islam and also aims at developing an understanding of Islam in comparison with Judaism and Christianity, according to Robert L. Johnson, director of Cornell United Religious Work, administrative center for chaplains and related religious activities on campus.

The program is sponsored by CURW and by the Center for Religion, Ethics and Social Policy. It will include 20 workshops; a panel discussion on Christianity, Judaism and Islam; a film, "Mohammed, The

Prophet," and cultural events.

Keynote lectures will be given by Fazlur Rahman, professor of Islamic studies at the University of Chicago, who will discuss "Islam's Origins and Ideals," and by Mahmoud Ayoub of the Center of Religious Studies at the University of Toronto, who will address the subject, "The Concept of Justice ('Adl) in Islam."

Johnson said, "Our intention is to provide non-Islamicists with a Muslim self-understanding rather than a non-Muslim, Western interpretation."

Additional details will be announced later and are also available at the offices of the two sponsoring organizations in Anabel Taylor Hall. — Martin B. Stiles

Chronicle summer schedule

The Cornell Chronicle, published 40 times a year, goes onto summer schedule this week. From now until the start of the fall semester, the Chronicle will be published biweekly. The next issue will come out June 11, followed by June 25, July 9, July 23, Aug. 6 and Aug. 20.

Job Opportunities will be printed every week, nonetheless. On alternating weeks, when the Chronicle is not published, Job Opportunities will be printed as a single, free-standing sheet and distributed to the usual Chronicle drop-off points.

The Chronicle Calendar deadline remains the same: 10 days prior to publication. Again, please send submissions to Cornell Chronicle Calendar, Village Green, 840 Hanshaw Road, Ithaca, N.Y., 14850-1548, or use campus mail.

Briefs

■ **'Automatic callback' feature available:** Many people are not taking advantage of a standard feature available on the campus telephone system. "Automatic Callback" can be used to notify you when an on-campus number is free.

If you receive a busy signal when dialing another System 85 extension number, hold the switchhook down for at least five seconds, then dial 5 following by the five-digit extension number that was busy. You will receive a confirmation tone (three short bursts) signifying that automatic callback has been activated. When the called number is free, the System 85 will ring your phone with a triple ring. When you pick up your phone, the System 85 will then ring the other extension number. For further instructions, call your telecom service representative or Judy Vandermark at 5-5502.

■ **Western Societies Sicca grants:** The Western Societies Program has awarded six Sicca grants to graduate students for dissertation research in Europe this year. The recipients are: Andrew Hewitt, comparative literature; Diane McPherson, English; E. Patrick Munday III, history; Alison Sainsbury, English; Stephen Van Holde, government; Stacia Ellen Zabusky, anthropology.

The Michele Sicca Research Grant was created in 1980 by Professor Emeritus Mario Einaudi to honor the memory of Sicca, a prominent anti-fascist physician with whom he worked in exile during the Fascist era in Italy. The grants support European-based research that focus on modern Europe or relations between European and non-European countries.

■ **Cogeneration facility open house:** Cornell's new cogeneration system, which consists of two high-pressure steam turbine generators, will be open to the Cornell community for viewing during an open house June 5 from 3 to 5 p.m. at the Humphreys Service Building. Tours of the new plant will be given.

■ **Steam shutdowns set for early June:** The annual campus-wide steam shutdowns have been scheduled from 5 a.m., June 2 through 5 p.m., June 4. The shutdowns are necessary for maintenance work on the steam distribution system and repairs to the Central Heating Plant. If an office or department anticipates problems due to this shutdown, a representative may contact the Customer Service Center at 255-5322.

Trustees to meet on campus

Cornell's trustees will meet on campus in open session at 11:15 a.m. on May 30 in the trustee meeting room on the sixth floor of the Johnson Museum of Art.

The board's Executive Committee will meet at 10 a.m. that day in the same location to consider several personnel matters, including recommendations from President Frank H.T. Rhodes that James E. Morley Jr., vice president and treasurer, be named senior vice president effective July 1, and that Larry I. Palmer, professor of law, be named vice provost for academic programs effective Aug. 1.

In the board meeting, trustees will consider adoption of the revised Campus Code of Conduct, award tenure to faculty and elect new members of the board.

Trustees also will receive a report on the status of women and minorities at Cornell and an updated report on drug and alcohol use by students. In addition, Dean of the Faculty Joseph B. Bugliari will address the board on tenure issues.

Other items scheduled to come before the university's trustees include personnel, financial and facilities matters.

Several committees of the board will meet in open session May 29 and May 30. They are: Buildings and Properties Committee, 4 p.m. May 29, Ballroom of the Sheraton Inn; Academic Affairs Committee, 7:30 a.m. May 30, Ballroom of LaTourelle Inn; Land Grant and Statutory College Affairs Committee, 7:30 a.m. May 30, Ballroom of LaTourelle Inn.

A limited number of tickets for the open sessions of the Executive Committee and the Board of Trustees will be available to the public beginning at 9 a.m. on May 28 at the Information and Referral Center in Day Hall.

Cornell CHRONICLE

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It is the policy of Cornell University to support actively 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 that will assure the continuation of such equality of opportunity.

Firms to discuss success defending against competition

Labor and management representatives from five major manufacturers will meet in Albany with selected New York State firms June 3 to June 5 to discuss how they dealt with increasing international competition while retaining jobs.

The manufacturing specialists will describe how they defended their companies against Japanese competition, lower labor costs in Mississippi and Mexico, and problems of productivity and quality.

The three-day Institute for New York State Manufacturers will be offered by Programs for Employment and Workplace Systems, a branch of the School of Industrial and Labor Relations.

"The institute is unique in that it is aimed specifically at union-management teams in the older manufacturing industries," said Ann W. Martin, an ILR extension associate.

Martin said that attendance at the Insti-

tute for New York Manufacturers will be limited to 80 persons so that the labor and management experts can give close attention during workshops to problems of each attending firm.

The institute will be held at the Desmond Americana in Albany starting at 5 p.m. June 3 and ending at 1:30 p.m. June 5.

Labor-management specialists will attend from the following manufacturers:

- Packard Electric, a division of General Motors Corp. in Warren, Ohio. Over 10 years starting in 1973, GM built new plants in Mississippi and Mexico, where labor costs were lower, and reduced the Ohio work force. But Local 717 of the International Union of Electrical Workers and management later worked out a multi-tiered progressive wage system that enabled the Ohio plant to expand operations "and guaranteed jobs for life to employees hired before 1982," Packard Electric said.

- Ford Motor Co. Its transmission plant in Sharonville, Ohio, faced production cutbacks and possible shutdown. The United Auto Workers and Ford signed an agreement in 1979 on labor-management cooperation as "a promising response to the challenge of Japanese competition," a Ford spokesman said. The plant set up a program called Employee Involvement in which small groups of employees meet regularly to work on quality and production problems. Plant employment fell from 6,000 in the mid-1970s to about 1,800 today, but the threat of being shut down was averted by improved quality and productivity.

- Harrison Radiator Division of General Motors. A union study team worked out cost-cutting measures such as reusing packaging material returned from customers. The steps saved the company \$1.2 million the first year and ended Harrison's plan to subcontract warehouse work, which would

have meant the loss of 200 jobs.

- Xerox Corp. Labor and management set up a work-study team in 1982 to devise measures to cut production costs in the harness-wire assembly area by \$3 million or else eliminate 180 jobs in its Webster, N.Y., plant. The team recommended savings by shifting surplus workers to other jobs, reducing work breaks from 20 to 10 minutes, reducing scrap, rearranging work flow and floor layout, purchasing new equipment and other cost-cutting measures.

- Deutz-Allis. The president of a Steelworkers local and a company vice president will describe how management and workers are planning new manufacturing systems including the just-in-time inventory process used in Japan to shorten the time that component parts sit on shelves before assembly.

— Albert E. Kaff

Commitment to chemistry continues to attract Ph.D.s

A long-standing reputation of excellence, an array of research unique opportunities and even popular textbooks by faculty authors attract chemistry Ph.D. candidates to Cornell by the dozens.

Cornell awarded 30 doctoral degrees in chemistry in 1986, ranking third among private universities in the United States and 10th among 187 American universities, according to a survey by the American Chemical Society.

Large state universities award more chemPh.D.s. The University of California at Berkeley graduated 69 in 1986, Wisconsin at Madison had 44 and Texas at Austin produced 41. Among private universities, only Massachusetts Institute of Technology (with 38) and Harvard University (36) awarded more doctoral degrees in chemistry.

"Cornell's commitment to chemistry dates back to the founding of the university, when two of the first four professors were chemists," according to John R. Wiesenfeld, chairman of the Department of Chemistry. The university soon became known for chemistry laboratories that were unusually well-equipped for the time. The field of physical chemistry was largely defined here, where the *Journal of Physical Chemistry* was founded in 1896, Wiesenfeld noted.

"Cornell chemistry really took off in the 1940s and '50s," said Wiesenfeld. Peter J.W. Debye, the 1936 Nobel laureate in chemistry, joined the faculty and served as Chemistry Department chairman from 1940 to 1950. He was followed by others who had — or were about to achieve — international renown in chemistry. The best known to non-chemists is Roald Hoffmann, co-recipient of the 1981 Nobel Prize in chemistry, who joined the faculty in 1965 and served as department chairman until 1985.

Research opportunities draw many Ph.D. candidates, the department chairman

observed. Cornell consistently ranks in the top 10 universities receiving federal research funding. It offers highly regarded interdisciplinary facilities, such as the National NanoFacility, the Cornell High-Energy Synchrotron Source and the Cornell National Supercomputer Facility.

"Our national research centers reflect the cross-fertilization of ideas that makes this campus unique," Wiesenfeld said.

A best-selling textbook also reflects on a university. When "Chemistry" by Cornell's Robert A. Plane and the late Michell J. Sienko was the most widely used college chemistry text in the world, it was read by tens of thousands of would-be graduate students every year. Today, "Organic Chemby John E. McMurray of Cornell is one of the most popular on the topic.

Surprisingly, most Cornell chemistry graduates are not finding work in the chemical industry. More and more are recruited by firms in the semiconductor, pharmaceutical or environmental science businesses, according to Wiesenfeld.

Knowing where the job opportunities will be at the end of a four- or five-year graduate program is "all but impossible," Wiesenfeld acknowledged. "The future is opaque."

Many of Cornell's current crop of chemistry graduate students are betting on such specialties as analytical chemistry, the chemistry of catalysts, fields related to biotechnology including biophysical and bioorganic chemistry, polymer chemistry and solid-state chemistry. The department chairman said that degree-holders in the latter field can expect jobs in one of the "hottest" areas of science today: the synthesis of high-temperature superconductors.

Taking their place in September will be 43 new chemistry graduate students, Wiesenfeld reported. "The tradition continues," he said.

— Roger Segelken



SUN DIAL/SOLAR COLLECTOR: Hogan Martin, a graduate student from Ames, Iowa, catches sun on the Engineering Quad after his final exams.

— Claude Levett

Swiss chemist to lecture here

Swiss chemist Duilio Arigoni will give three specialized lectures in biochemistry here June 9, 10 and 11.

He will be on campus June 8 through 12 as one of Cornell's Andrew D. White Professors-at-Large, and he will be available for discussion during that period at 322 Baker Laboratory, telephone 255-2359.

Arigoni's lectures will be in Room 119, Baker Laboratory, on these dates:

- June 9, 11:15 a.m. — Stereochemistry of the alkylation steps in the biosynthesis of tuberculoatearic and lactobacillic acid.

- June 10, 4:40 p.m. — On the synthesis and biosynthesis of lipoic acid.

- June 11, 11:15 a.m. — Studies on aminocyclopropanecarboxylic acid, a pre-phytohormone from higher plants.

Arigoni is professor of organic chemistry at the Swiss Federal Institute of Technology in Zurich. His work includes bridging experiential and conceptual barriers that separate organic chemistry from biochemistry.

Service is key for award-winning Hotel student

Tina Amy Immler will receive the second annual \$15,000 cash award from the Joseph Drown Foundation for her work in the School of Hotel Administration when she graduates May 31.

The award was established last year to recognize the knowledge, independence and self-reliance of young people "so that they in turn may contribute to the free society to which Drown credited his own success," the foundation said.

Immler, 21, said her interest in hotel work goes back to her childhood when she lived in Europe, where "service is common."

Four other graduating seniors in the hotel school were selected as finalists in the Drown Foundation judging and will receive \$1,000 cash each. They are Elizabeth Kalenbach, Saskia Schutte, West Hooker and William Rapant.

The foundation that awards the prizes was established by Joseph Warford Drown, a hotel executive who started with Hilton Co. and later owned hotels in Hollywood, San Diego, Las Vegas and Los Angeles. He died in 1982 at age 75.

In her application for the prize, Immler said she lived the first 12 years of her life in Germany, Holland and Switzerland.

"My experience of living amidst different cultures in which attention to service is common has made a lasting impression on the development of my career goals," she wrote. "My Cornell experience has contributed most toward the establishing of my goals."

She said that at Cornell she gained the most from interaction with faculty and students. "Other people are by far the most important aspect in my life," she wrote. "I hope some day I can feel satisfied that I am giving enough of myself to deserve what everyone else has given to me."

Her goal is to work for an international hotel company, starting as a management trainee in a rooms division, becoming a hotel general manager and then moving into a top corporate position or starting her own hospitality service.

"As we all know, service is deteriorating in this country," Immler wrote. "I would like to dedicate myself throughout my career to the delivery of excellent service."

Her faculty adviser, Stephen A. Mutkoski, a professor in hotel administration, recommended her with these words:

She is "warm, friendly, genuine, witty, enthusiastic and inquisitive. These personal-



Tina Amy Immler

ity traits merge with her eagerness to excel professionally and result in not only high levels of achievement, but also a sense of balance in her accomplishments."

— Albert E. Kaff

Cornell Class of '87 Commencement

On this page and the next, we highlight a few members of the senior class who have come to our attention during the course of the year. There are scores of others, in all seven undergraduate schools and colleges, who would make fine subjects for profiles. We could not get to know them all. These are just a sample.

Gail Stoller: Working to improve the life of sororities, fraternities

Beware of Greeks bearing gifts," a phrase coined sometime after the Trojan War, was abbreviated in one conversation overheard on campus this semester to "Beware of Greeks, period."

The reference was not to Greek nationals but to some of the men who live in fraternity houses; members often are called "Greeks" because letters from the Greek alphabet are used to spell fraternity and sorority names.

The wariness stemmed from the report of an acquaintance rape at a fraternity house during a Valentine's Day party. A Tompkins County grand jury exonerated two fraternity members charged with sexual abuse. And the university, after closed-door hearings, disbanded the fraternity but did not take action against individuals.

"This might be happening a lot," according to Gail Stoller, a 21-year-old Engineering College student from Bethesda, Md., who was president of Sigma Delta Tau sorority last year and served as a member of the Greek Task Force on Sexual Abuse this year.

Benefits of Greek life

Stoller has been active in Greek life and in efforts to improve it because, "I've gotten a lot out of it. My best friends at Cornell are in Sigma Delta Tau. Being a part of the house and involved in the Greek system has helped me to grow personally, and not just because I was president.

Stoller did not arrive on campus eagerly expecting to join a sorority. "A sorority was the furthest thing from my mind when I first came here. I knew nothing about them," she said.

But when, as a freshman, she heard others talking about freshman rush, the days before the start of the semester when fraternities and sororities welcome interested visitors, she thought it sounded like fun.

"You meet so many people during rush. I'm still friends with women in other houses I met while we were all rushing," she said.

An operations research and industrial engineering major, she also credits her leadership in Greek life with helping her to organize her time and become more efficient about schoolwork.

"Being in the sorority has helped me to get better grades," she said. "Because the more you have to do, the more you get done. It forces you to lounge around less and to get more done. You learn how to budget your time.

Engineering becomes more interesting

The first two years studying engineering were very difficult, Stoller said, adding, "The last two are not any easier, but at least the coursework is more interesting.

"As a senior, I'm glad I stuck with it because I can see the opportunities in the field.

With an engineering background, you can go into business or consulting work and you'll be paid well in these fields because you are desirable in a high tech market."

Last October, Stoller received her first job offer, and she has had many others since. Part of the credit for that goes to the Engineering College's placement office and its computerized lottery system for scheduling interviews, she said.

"The Engineering College is very concerned about placing its graduates, and it has done great things for me. Friends of mine in other schools don't enjoy the same degree of help," she said.

Gligor Tashkovich: Making connections worldwide

Most Class of '87 seniors probably weren't thinking of jobs after graduation — or anything else — one day last summer at 6:45 a.m. when the telephone rang for Gligor A. Tashkovich.

Could he come to France immediately and discuss a job opening, the head of European operations for Digital Equipment Corporations asked.

For Tashkovich, 21, a self-taught expert in computer internetworking, his job-hunting network had made the ultimate connection: a job offer out of the blue.

After three days of interviews, negotiating, wining and dining in France, he was offered and accepted a job as a technology scout for the giant computer company.

His assignment will be to build computer bridges between the corporation's engineering research centers and European universities, a \$100 million project.

Tashkovich's first job out of college will pay the salary of a senior engineer. His fringe benefits will include an apartment and car in France and all-expense-paid travel through Western Europe, northern Africa, the Middle East and the United Kingdom.

A well-known name

Not bad for a government major who wasn't really looking for work. The job found him "because I was the name on thousands and thousands of computer messages. People talk to one another."

So do computers, though not as well as they could, and that is where he has made his mark. He saw and helped fill a need for improved communications between noncommercial computer networks.

Beginning in 1984, Tashkovich compiled a globe-spanning database of more than 20 noncommercial networks and set himself up as the internetworking answerman.

From a terminal on the Cornell Computer Services' system, which is linked to national and international networks, he opens his electronic mail and solves dozens of internetworking problems each month. Computer internetworking still isn't quite as automatic as dialing a long-distance call, but it is now possible to reach many universities and research institutions around the world via computer.

Tashkovich's electronic consulting service is provided free, the only cost being the patience to realize he is sandwiching his volunteer work between Cornell classes and extra-curricular activities that fill half a page of his resume. The computer messages really pile up while he is away on networking business, which is more and more often.

International computer conferences

September 1986 took him to Technical University of Vienna to lecture on "An Overview of International Networking" and to the Association of Computing Machinery's Montreal conference, where he expanded networking horizons to speak on "BITNET and the Cosmos."

In October he was in Munich to address Digital Equipment's German Network Steering Group. Earlier last year, he organized a symposium on supercomputers at the annual meeting in Philadelphia of the American Association for the Advancement of Science, where sessions usually are run by senior scientists.

He was one of about 100 experts from around the world invited by the Intergovernmental Bureau for Informatics to a conference in Dallas in March on developing computer networks in Third World countries.

A two-page list of Tashkovich's work experience begins with free-lance computer programming while still in high school and ends with his most recent job, assistant to the director of Cornell's Production Supercomputer Facility. He met his boss, Lawrence Lee, while serving in Washington as a networking intern for the National Science Foundation's Office of Advanced Scientific Computing.



Gail Stoller, Engineering '87

Claude Levett

Work on the Greek Task Force

This year, she has been busy with schoolwork and planning a career — and with helping to improve Greek life.

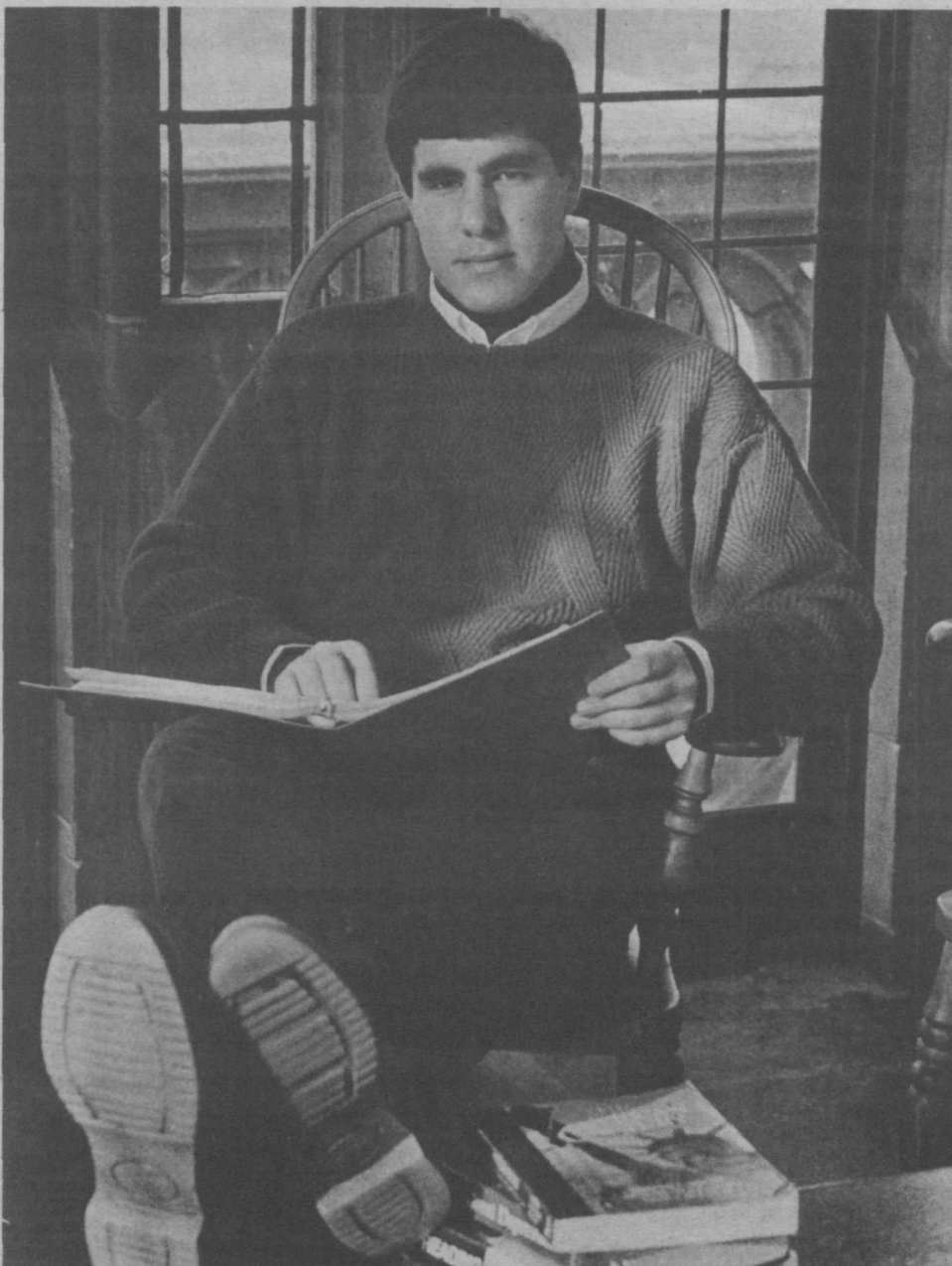
Because of the Greek system's social networks and the influence upperclassmen and women have on freshmen and sophomores in their own houses — about 40 of undergraduate men and 30 percent of undergraduate women are members of fraternities or sororities — the societies are leading the drive on campus to educate men and women about sexual harassment.

The Task Force has worked to organize a forum for Greek undergraduates in which they will explore potentially difficult situations through simulations.

"Both sexes are at fault, not just the men," Stoller said. "Just watch at any party the way men and women act. With some women, the way they flirt, the way they dress, the way they talk to men can be asking for something they might not understand.

"Just because this is an Ivy League School and it's not the middle of New York City doesn't mean it can't happen here. Hopefully, we can educate in-coming freshmen," Stoller said. "You have to let pledges know this can happen. They join a house to have fun and to make friends, but they should also know they have to be responsible for themselves and for others."

— Carole Stone



Gligor Tashkovich, Arts '87

Charles Harrington

Tashkovich also worked as a network software consultant to the Crisis Management Center in the White House. Subsequent consulting work involved international networks and data centers for NASA and the National Oceanic and Atmospheric Administration (NOAA).

As Tashkovich says, one thing leads to another.

— Roger Segelken

Dan Fessenden: Looking at agriculture from another field

As he grew up, Daniel Fessenden always thought he was going to be a farmer just like his father and grandfather, but after four years at college he changed his mind. He won't go back to his family farm, but he will not give up agriculture, either. He wants to help strengthen agriculture through another route — making agricultural policies in the political arena.

Fessenden grew up on a dairy farm on the east side of the picturesque Cayuga Lake, and he knows all about dairying and crop growing. His father Edwin and brother Timothy own and operate a 700-acre farm with about 110 milking cows and as many young dairy animals. In addition to dairying, the Fessenden Farm grows snap beans and wheat as cash crops. Situated in King Ferry, just a short drive from Ithaca, it has been in the Fessenden family for 124 years.

Knowing his family farm would be waiting for him, Fessenden felt he made the right choice when he decided to study at the College of Agriculture and Life Sciences, reputed to be the top agricultural school in the country. His father is a Cornellian, too, Class of 1954, and his brother John is a 1985 Cornell graduate.

Agriculture is more than farming

"I still love farming. But agriculture is more than just farming," Fessenden said. "When I was in high school, I wanted to study agriculture at Cornell and come home and make farming my livelihood.

"Once I got here, I found out there was a lot more to agriculture than just milking cows and driving tractors. I saw the bigger picture of what agriculture really is, and farming is just one part.

"What really sparked my interest in the bigger picture was that I was somewhat interested in public policy, especially those issues and problems facing agriculture."

An inside look at government

With the help of Cornell's Career Development Center, he landed a job as a summer intern with the New York Farm Bureau in Glenmont near Albany after his sophomore year in 1985.

"The internship was my first real job away from our farm," he said.

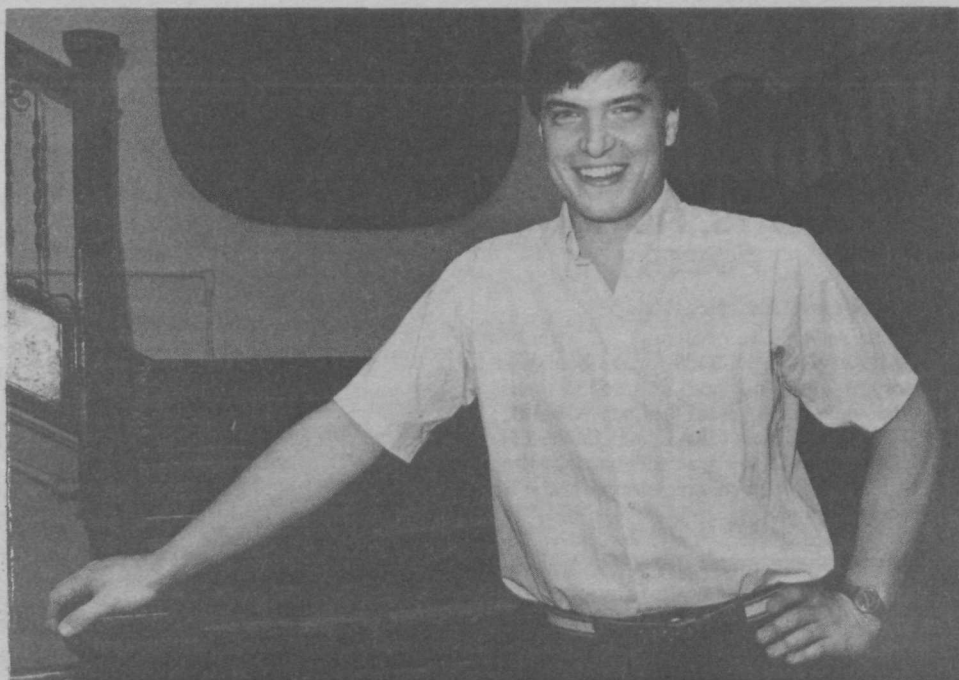
His assignment at the Farm Bureau was to study the issues surrounding the controversy over the importation of Canadian vegetables to New York State and other parts of the Northeast.

"It was a major research project for me, and I enjoyed studying the issue enormously."

After the internship, Fessenden resumed his studies in the fall of 1985, but he wanted to find out how agricultural policy is made in the state capital. As a result, he took a leave of absence from Cornell during the spring semester in 1986 to work in Albany.

He became a legislative intern for State Assemblyman Richard Coombe, a ranking Republican member of the Assembly Agriculture Committee, and for six months assisted Coombe in developing legislative programs affecting the agriculture industry in New York.

"I learned how individual agricultural policies were developed and put into law and how agricultural interest groups come together and hammer out policies. The experience



Dan Fessenden, Agriculture '87

Claude Levett

cemented my goal of becoming an agricultural leader dealing with issues and policies affecting not just farmers but other segments of the agriculture and food industry," he said.

"Right now, I know exactly where I want to go. A lot of people don't know where they want to go after graduation. I have gone out and tested some waters and found out that I enjoyed it immensely."

Immediately following the Albany internship, Fessenden went straight to the New York Farm Bureau to work as an intern for the second time in two years. He helped design and establish a library relating to the organization's involvement in agricultural and rural issues.

Here at Cornell, he majored in agricultural economics, concentrating on business management. And because of his interest in political science and public policy, he took several courses in the government department in the College of Arts and Sciences.

He also served a term as president of a Cornell student group known as AgPAC, reorganized and renamed in 1986 as Ag Council, dedicated to enriching the campus life of agricultural students.

"Eventually, I would like to work at the national level where major agricultural policies are established," he said, adding, "I gained extensive farm experience as I grew up. I feel that's important. Without it, I don't think you can make effective agricultural policy. That's why I am coming from a farm and trying to pursue that goal."

As for his family farm, Fessenden feels it's in good hands. "Our family farm will survive whether I am there or not," he said.

— Yong H. Kim

Marc Lacey: Helping The Sun rise is full-time work

To become editor-in-chief of The Cornell Daily Sun, the university's student newspaper, was never an ambition of Marc Lacey's when he was a high school senior in Williamsville, N.Y.

He wrote opinion columns for the high school paper but was more interested in science. In fact, he chose Cornell for its reputation in the sciences and enrolled in the College of Engineering.

But Lacey joined The Sun within the first week after Freshman Orientation, and later that year found himself headed to The Sun's offices two and three times a week. "I really got hooked on it," he said. His enthusiasm was one of the reasons he later transferred to the College of Arts and Sciences.

About 30 students join The Sun each semester. They start off with informal training: sessions include lessons on how to construct a news story, how the university administration operates, and so forth. It amounts to a mini-course in journalism.

"One of the strong points of The Sun is that the paper accepts anyone who's willing to put in the time," Lacey said. "I didn't come here knowing I wanted to write for The Sun."

A 50-hour work week

Lacey completed his one-year term as editor-in-chief of The Sun in March. The job took up about 50 hours a week, and on top of that were his classes and study.

He and the paper's managing editor, Leslie Postal, would arrive at the newsroom about 4 p.m. and stay until after the paper's 3 a.m. deadline for printing and distribution before dawn.

Lacey wrote The Sun's editorials and oversaw the entire paper, usually 20 pages. Lacey and Postal supervised a staff of 180 students. About 30 or so work on any given night.

Being editor was a demanding job, especially because the Sun's bylaws insist that editors be full-time students, which means taking four courses per semester, in addition to being a full-time journalist.

"There comes a time in the career of all Sun reporters when they get that first grade that's lower than they would have gotten if they hadn't devoted so much time to the paper," Lacey said. "You stop to consider whether the sacrifice is worth it."

For him, the decision to run for editor-in-chief was not difficult. He eased into it during three years as a Sun reporter, and he came to see the paper as a valuable part of his education.

"When you become an editor, you put your studies second," Lacey said. "You begin to miss classes left and right and you fall behind, but then you learn to use your weekends effectively. The same with Thanksgiving break and holidays.

"But Sun staffers are usually good students to begin with. Besides, as a side benefit, most become more proficient at writing English papers and other assignments at short notice. You stay up all night, but you get it done."

Watchdog over the administration

The Cornell Daily Sun is, in Lacey's words, "a watchdog over the Cornell administration," concerned with seeing that its decisions are made in the best interest of students.

"My loyal opposition" is what Cornell President Frank Rhodes once called the paper. Editorial decisions are made by the student editors alone, who have full autonomy over the paper's content.

The Sun is rare among college newspaper in mixing campus, city, national and international stories on the news pages, including page one, Lacey said.

"A reader of the Sun should be able to keep up to date on major events," Lacey said. "Of course, we don't provide the depth of coverage of, say, The New York Times, but readers will at least learn of major events in The Sun."

One reason for this is that the city of Ithaca has no other morning newspaper. The Sun prints 5,500 copies a day and has an estimated readership of 17,000. Some subscribers, such as fraternity houses, pass the paper around.

As a cub reporter, Lacey's first beat was the City of Ithaca. "The advantage of that beat was that it gave me a chance to compare my stories with those written by reporters at the Ithaca Journal and the Ithaca Times," one of the city's weekly alternative papers, Lacey said. "I was really happy when I saw that my stories were as good as, or better than, theirs."



Marc Lacey, Arts '87

Charles Harrington

As a junior, he won the coveted assignment of covering the university administration, a beat given to those who will be groomed for the top editor's spot. He shared it with fellow students Leslie Postal and Eric Lichtblau (who has since left The Sun to write for the Syracuse Post-Standard).

The spring of 1985 was a lively time for reporting, Lacey said. Besides the usual stories, such as the university's annual budget process and tuition-setting decisions, the Cornell campus was the scene of one of the largest anti-apartheid/pro-divestment protests in the country.

"I was down at the Sun every night, often working eight hours at a stretch," Lacey said.

Good training, because this summer he will be a reporter for the Metro section of The Washington Post in Washington, D.C.

— Carole Stone

ESSAYS, FICTION, POETRY

Arthur Lynn Andrews Award

The Arthur Lynn Andrews '93 Award for Creative Writing of \$400 for the best short story or stories has been awarded to three graduate students, **Paul E. Cody**, GRAD, **William D. Evans**, GRAD and **Edward H. Hardy**, GRAD. All are candidates for the M.F.A. degree in creative writing in the English Department.

Barnes Shakespeare Prizes

The Barnes Shakespeare Prize of \$275 for a prose essay on the writings on Shakespeare has been awarded to **David D. Schwartz**, AAP '89.



Robert Chasen Memorial Poetry Prize

The Robert Chasen Memorial Poetry Prize of \$500 for a single long poem or sequence of integrated short poems, has been awarded to **Peter Liotta**, GRAD.

Corson-Bishop Poetry Prizes

The Corson-Bishop Poetry Prize of about \$650 for the best original poem or poems of not less than 100 lines has been awarded to **Peter H. Liotta**, GRAD.

Dean Book Collection Prizes

The Arthur H. Dean and Mary Marden Dean Book Collection Prizes awarded semi-annually for personal book collections judged for imagination, ingenuity, taste and discrimination, have been given to **Nicholas A. Halmi**, ARTS '88 first place; **Stephen Fadden**, ALS '88 second place; **Michael Sobkowiak**, ALS '88 third place; **Jennifer L. Gibbons**, ARTS '88 fourth, **Walter H. Hartung**, ENG '87 fifth place, and **Steven M. Kurtz**, ARTS '90 sixth place.



Dorothy Sugarman Poetry Prize

The Dorothy Sugarman Poetry Prize of \$150 for the best poem or poems of not less than 100 lines, has been awarded to **Thomas B. Hawks**, ARTS '90.

Moses Coit Tyler Prize

The Moses Coit Tyler Prize of approximately \$500 for the best essay in the fields of American history, literature or folklore, has been awarded to **Amy Joan St. Eve**, ARTS '87.

PUBLIC SPEAKING

Eastman-Rice Prizes

The Eastman-Rice Prizes for Public Speaking totaling approximately \$650 for public speaking on country-life subjects have been awarded to **Irene Hegeman**, ALS '87, first place; **Michael Selbst**, ALS, second place; and **Karin Berger**, ALS, third place. Honorable mention winners were Karen Johnson, Thomas Perreault and Michael Twining.

'86 Memorial Prizes

The '86 Memorial Prizes of approximately \$500 to undergraduates enrolled in the basic course in oral communication were awarded to **Heather Campbell**, ALS '89, **David Portelli**, ALS, **Mitchell H. Gordon**, ARTS, **Steve Santurri**, ARTS '87, **Liz Glenner**, ARTS '89, **Abby Pomerantz**, HEC '89, **Cheryl Jackson**, ALS '89, **Andrew Cuthill**, ALS and **Laura Bloch**, ARTS '88.



'94 Memorial Prizes

The '94 Memorial Prizes to the most effective debaters or debate team, have been awarded to **Valerie Sulfaro**, UNCL, and **William Baker**, ALS, first place; **Hillary B. Rossman**, ARTS '88 and **Christina E. Phillips**, HEC '88, second place; **Eric A. Szeweda**, ILR '87, **Amy J. Berger**, ILR '90, **Roger J. Chin**, ARTS '90, and **Mark A. Mellor**, ALS, third place.

Elsie Van Buren Rice Award

The Elsie Van Buren Rice Award in Oral Communication intended to further the preparation of students in the College of Human Ecology for participation in public affairs, has been awarded to **Lily B. Robinson**, HEC '88 and **Penny M. Peck**, HEC '88, first place; **R. Scott Eddins**, HEC '87, second place; and **Juan M. Ferguson**, third place winner. Runners-up were William P. Johnson and Sandra L. Williams.

OTHER ACHIEVEMENTS

Lane Cooper Prize

The Lane Cooper Prize of \$150 for the upperclass student who demonstrates the greatest promise in the application of classical learning to the problems of modern life has been awarded to **Dale A. Braden**, ARTS '87, a double major in classics and philosophy and **Iakovos Vasiliou**, ARTS '87, a classics major.

George Harmon Cox Award

The George Harmon Cox Award in American Literature and Creative Writing totaling about \$600 for distinguished work in American literature or creative writing have been awarded to **Jennifer J. Perlman**, ARTS '87, **Jeffrey Schwaner** and **Nancy E. Young**, ARTS.

Freeman Peace Studies Prize

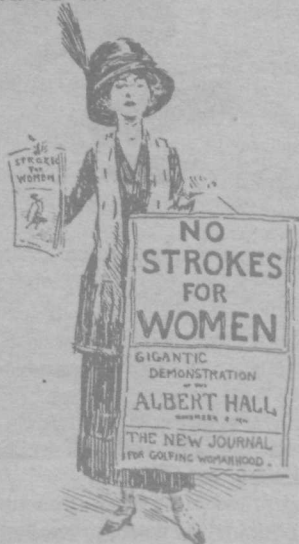
The Harrop and Ruth Freeman Peace Studies Prize has been awarded to **Katherine E. Simmonds**, ARTS.

Fuertes Memorial Prizes

The Fuertes Memorial Prizes for Popular Articles in Physical and Biological Sciences have been awarded to **Molly Hunter**, GRAD, first prize of \$350 and **Naomi Cappuccino**, GRAD, second prize of \$150. Honorable mention Ian Dobson, GRAD, and Michael L. May, GRAD.

Judith Ellen Kram Award

The Judith Ellen Kram Award of up to \$1,000 for field research subjects related to the status of women, has been awarded to **Amanda B. Bryans**, HEC '87, and **Louisa Coan**, ARTS '87.



A.W. Laubengayer Prizes

The A.W. Laubengayer Prizes of \$75 each to outstanding students in each of the introductory chemistry courses have been given to **Susan Nickolaus**, ARTS '90, **Jeehiun Lee**, ARTS '90, and **David W. Saraniti**, ENG.

Simmons Award

The Simmons Award in German, a book or certificate for the purchase of books for the best work in German has been awarded to **Julie Garkisch**, ARTS '87.

J.G. White Prizes

The J.G. White Prizes of \$500 each have been awarded to **Cedric Bramble**, ARTS '88, for excellence in Spanish, **Robert A. Cisneros**, ENG, for excellence in Spanish, and **Jeannine Facht**, HOTEL '90, for excellence in English.



Juliette McMonnies Courant French Prize

The Juliette McMonnies Courant French Prize of \$250 has been awarded to **Deborah Yupin Mei**.

John F. Kennedy Memorial Award

The John F. Kennedy Memorial Award of \$1,000 to the graduating senior who has demonstrated the greatest promise of a successful career in government or public service has been awarded to **Douglas Rutzen**, ARTS '87.

SCHOOL AND COLLEGE PRIZES

ARTS AND SCIENCES

Clyde A. Duniway Prize

The Clyde A. Duniway Prize awarded by the Government Department has been given to **Jerry Pinn**, ARTS '87.

Sherman-Bennett Prize

The Sherman-Bennett Prize awarded by the Government Department has been given to **Leonard Leo**, LAW '89.

ACS Analytical Prize

The ACS Analytical Prize of a 15-month subscription to Analytical Chemistry and recognizing a junior who displays interest and aptitude for a career in analytical chemistry has been awarded to **Helen Lu**, ENG '88.

American Institute of Chemists Medals

The American Institute of Chemists Medal for the senior in the Department of Chemistry who has demonstrated leadership, ability, character and scholastic achievement has been awarded to **Colleen Fogarty**, ARTS '87.

George C. Caldwell Prizes

The George C. Caldwell Prizes of \$150 and \$100 to two senior chemistry majors who have shown general excellence have been given to **Farzad Fakheri**, ARTS '87 and **John Mitchell**, ARTS '87.

CRC Press Chemistry Achievement Award

The CRC Press Chemistry Achievement Award of the latest edition of the CRC Handbook of Chemistry and Physics to the chemistry major or second-semester sophomore with highest achievement in Chemistry 358 or 360 has been to **Ki Hong**, ARTS and **Jonathan Urbach**, ARTS '89.

Harold Adlard Lovenberg Prize

The Harold Adlard Lovenberg Prize of \$100 to the junior chemistry major who has shown general excellence has been given to **Nabil Rizk**, ARTS '88.



Merck Index Award

The Merck Index Award to outstanding seniors majoring in chemistry has been awarded to **Leslie Go** ARTS, **Robert Toreki**, ARTS '87, and **James Vincens**, ARTS '87.



ENGINEERING

American Institute of Chemical Engineers Prize

The American Institute of Chemical Engineers Prize, a certificate and a two-year subscription to AIChE Journal to a junior in chemical engineering with the best scholastic record at the end of the fourth term, has been given to **Randall W. Verhoef**, ENG '88.

American Institute of Chemists Medal

The American Institute of Chemists Medal for the senior in the School of Chemical Engineering who has demonstrated leadership, ability, character and scholastic achievement has been awarded to **Geoffrey C. Achilles**, ENG '87.

Chester Buchanan Memorial Award

The Chester Buchanan Memorial Award of \$1,000 for a senior majoring in geology has been awarded to **Maura Hanning**, ARTS '87.

Michael W. Mitchell Memorial Award

The Michael W. Mitchell Memorial Award of \$1,000 to a senior in geology who has proved adept in other fields as well has been given to **Diane Nielsen**, ARTS '87 and **Janice Lee**, ARTS.

John G. Pertsch Jr. Prize Fund

The John G. Pertsch Jr. Prize Fund of \$1,000 to a student in the School of Electrical Engineering who has the highest academic rank after the junior year has been awarded to **Stephen Thomas Bernt**, ENG '88.

Proctor and Gamble Technical Excellence Award

The Proctor and Gamble Technical Excellence Award of \$500 to a junior in mechanical engineering who demonstrates technical excellence and is an active member of one of the student branches of ASME, SAE, SBE or SWE has been given to **John J. Schleuter**, ENG '87.

Fuertes Undergraduate Medal

The Fuertes Undergraduate Medal, given by the School of Civil and Environmental Engineering, has been awarded to **Phaik Choo Phuah**, ENG.

1987 Moles Student Award

The 1987 Moles Student Award, given by the School of Civil and Environmental Engineering, has been awarded to **Matthew Alexander McHugh**, ENG.

John E. Perry Undergraduate Prize

The John E. Perry Undergraduate Prize, awarded by the School of Civil and Environmental Engineering, has been given to **Christopher Pamsey Tull**, ENG '87.



HOTEL SCHOOL

Drown Foundation Special Prize

The Drown Foundation Special Prize of \$15,000 to an outstanding senior with entrepreneurial spirit and background in recognition for service to the industry and the school has been awarded to **Tina Immler**, HOTEL '87.

Awards and honors

AGRICULTURE AND LIFE SCIENCES

Senior Service Award

The Senior Service Award, presented by the College's alumni association to the student(s) who has best served the college in a broad range of activities, will be announced at the College's senior barbecue May 29.

INDUSTRIAL AND LABOR RELATIONS

Alpern Memorial Prize

The Alpern Memorial Prize has been awarded to **Eric Goldberg**, ILR '87 and **David Menz**, ILR '87.

Campbell Memorial Award

The Campbell Memorial Award has been awarded to **Alison Cera**.

Irving M. Ives Award

The Irving M. Ives Award has been awarded to **Manuel Gonzalez**, ILR '87. He has also been awarded the Kaufmann-Seidenberg Memorial Award.

Victor Grohmann Scholar-Athlete Award

The Victor Grohmann Scholar-Athlete Award has been given to **Thomas Aug**, ILR '87, who holds the single season record for most field goal attempts and made.

ARCHITECTURE, ART AND PLANNING

Downing Prize

The Downing Prize of \$2,000 for outstanding achievement in architectural design has been awarded to **Nadime Hippolyte**, AAP.

Clifton Beckwith Brown Memorial Medal

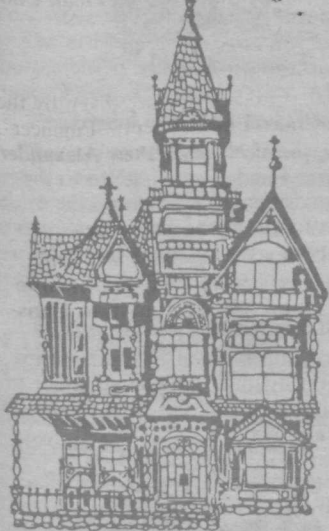
The Clifton Beckwith Brown Memorial Medal for the student with the highest cumulative average in architectural design over the entire course of study has been given to **Dukho Yeon**, AAP.

Charles Goodwin Sands Memorial Medal

The Charles Goodwin Sands Memorial Medal for work of exceptional merit in architectural design has been awarded to **Alan Brown**, AAP '87 (silver medal) and to **Dukho Yeon**, AAP, **Stephanie Schafroth**, AAP '87 and **Rania Matar**, APP '87 (bronze medals).

American Institute of Architects

The Student Medal of the American Institute of Architects to the member of the graduating class who has maintained the best academic grade average throughout the entire course of study has been awarded to **Charles Alexander**, AAP '87. A similar certificate has been awarded to **Stephanie Schafroth**, AAP '87.



New York Society of Architects Medal

The New York Society of Architects Medal, given to a senior student judged the leader of the class in design, technology and structures, has been awarded to **Charles Alexander**, AAP '87.

Alpha Rho Chi Medal

The Alpha Rho Chi, given by the professional architecture fraternity to a student in the graduating class who has shown ability for leadership, service to the school and gives promise of professional merit, has been awarded to **John Finney**, AAP '87.

Eschweiler Prize

The Eschweiler Prize of \$700 to the bachelor's degree student with the highest scholastic achievement who has been accepted into the architecture graduate program at Cornell has been given to **Julie O'Brien**, AAP '87.

Richmond Harold Shreve Award

Richmond Harold Shreve Awards of \$1,250 each have been given to **Kevin Hinders**, GRAD, **Wolfgang Tschapeller**, GRAD, **Samuel Klingensmith** and **John Wallace**, GRAD.

GRADUATE SCHOOL

Guilford Dissertation Prizes

The Guilford Dissertation Prizes for doctoral theses that exhibit the highest standard of excellence in English prose have been awarded to **Jacqueline Doyle**, GRAD, first prize of \$400, for "Renaming Things Seen: Edgar Allan Poe and American Modernist Poetry;" **Beth Newman**, GRAD, second prize of \$200, for "Telling Situations: The Frame Narrative in 19th-Century British Fiction;" and **Phillip James Hanse**, GRAD, honorable mention, for "The Prose Style of Sidney's 'Arcadia'."

Outstanding Graduate Student Symposium

The Outstanding Graduate Student Symposium, an event in which selected students who have demonstrated excellence give research presentations and are given a \$100 award, was shared by **Gregory S. Gerguson**, GRAD, **Michael J. Eis**, GRAD, **Craig Martens**, GRAD, **Gaetano Montelione**, GRAD and **Zhengyu Yuan**, GRAD.

Outstanding Teaching Assistant in Animal Science Award

The Outstanding Teaching Assistant in Animal Science Award of \$50 each to graduate students outstanding as teaching assistants has been given to **Katherine Harper Petersson**, GRAD and **Shu Yin Wang**, GRAD.

JOHNSON GRADUATE SCHOOL OF MANAGEMENT

Wall Street Journal Award

The Wall Street Journal Award, a one-year subscription to the Wall Street Journal and an engraved paperweight to the outstanding graduating student in the field of finance, has been given to **Jeter Isley**.



VET COLLEGE

American Animal Hospital Association Student Award

The American Animal Hospital Association Student Award to a senior of outstanding proficiency in small animal medicine and surgery has been given to **Janet M. MacDonald**, VET '87.

American Association of Feline Practitioners Award

The American Association of Feline Practitioners Award to a senior who has special interest and accomplishment in feline medicine and surgery has been given to **Susan Torrence Coggins**, VET '87 and **Laura E. Smiley**, VET '87.

Auxiliary of the American Veterinary Medical Association Prize

The Auxiliary of the American Veterinary Medical Association Prize for special contributions to the College of an extracurricular nature has been awarded to **D. Bradford Burington**, VET.

James Gordon Bennett Prize

The James Gordon Bennett Prize for the student who shows greatest humaneness in handling animals with special reference to the use of anesthesia has been given to **Nancy A. Lowry**, VET.



Anne Besse Prize

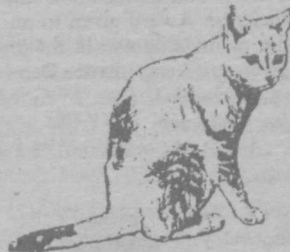
The Anne Besse Prize for the best work in large animal medicine has been given to **Gilbert A. Burns**, VET '87 and **Thomas F. Marchell**, VET '87.

Frank Bloom Pathology Award

The Frank Bloom Pathology Award to a senior for special excellence in pathology has been given to **Keith G. Mansfield**, VET.

Gary Bolton Memorial Cardiology Award

The Gary Bolton Memorial Cardiology Award for understanding and expertise in cardiology and an empathy for patients has been given to **Timothy S. Bostley**, VET '87 and **Keith G. Mansfield**, VET.



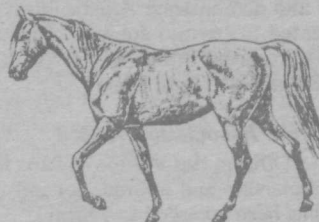
Charles Gross Bondy Prize

The Charles Gross Bondy Prize for the best work in the courses of practical medicine and surgery of small animals has been awarded to **Keith G. Mansfield**, VET.



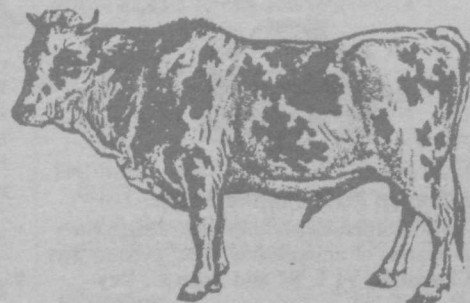
A. Gordon Danks Large Animal Surgery Award

The A. Gordon Danks Large Animal Surgery Award for outstanding knowledge and talent in the diagnosis and treatment of surgical problems of large animals has been awarded to **Annemarie Bimbo**, VET '87 and **Marcia E. Campbell**, VET '87.



Donald D. Delahanty Memorial Prize

The Donald D. Delahanty Memorial Prize to a fourth-year student with an interest in equine practice and a high level of proficiency in the field has been given to **Alan J. Ruggles**, VET '87.



Myron G. Fincher Prize

The Myron G. Fincher Prize for the best work in courses dealing with large animal obstetrics and reproductive diseases has been given to **Marcia E. Campbell**, VET '87 and **Rebecca M. McCarthy**, VET.

Gentle Doctor Award

The Gentle Doctor Award to a senior student who demonstrates the best patient in the Large or Small Animal Clinic or both has been given to **Laura E. Smiley**, VET '87.

Hill's Award for Excellence in Clinical Nutrition

The Hill's Award for Excellence in Clinical Nutrition for achievement in the study of small animal diseases and of clinical nutrition has been given to **Keith G. Mansfield**, VET, **Andrew M. Weitzman**, VET '87 and **Monica Bors**, VET '87.

Grant Sherman Hopkins Prize

The Grant Sherman Hopkins Prize for demonstrated interest, ability, perseverance and performance in the field of anatomy has been awarded to **Gilbert A. Burns**, VET '87 and **Keith G. Mansfield**, VET.



P. P. Levine Prize in Avian Medicine

The P. P. Levine Prize in Avian Medicine for the highest grade in the course of avian medicine awarded to a second-year student has been given to **Howard John Lawrence**, VET '88.

Merck Manual Awards

The Merck Manual Awards have been given to **Pamela E. Blackshear**, VET and **Jeri L. Cheraskin**, VET '87.

Jane Miller Prize

The Jane Miller Prize for the best work in veterinary physiology by a second-year student has been given to **Alison R. Gaynor**, VET '89.

Malcolm E. Miller Award

The Malcolm E. Miller Award to a fourth-year student who has demonstrated perseverance, scholastic diligence, outstanding improvement and other personal characteristics that will bring credit and distinction to the veterinary profession has been given to **Michael W. Stephan**, VET '87.

Mary Louise Moore Prize

The Mary Louise Moore Prize has been awarded to **Keith G. Mansfield**, VET.

New York State Veterinary Medical Society Prize

The New York State Veterinary Medical Society Prize for the best case report has been given to **Monica Bors**, VET '87.

A selection of honors and awards



Philotherian Photographic Prizes

The Philotherian Photographic Prizes for photographs of animals has been given to **Jeri L. Cheraskin, VET '87** and **John C. Reynolds, VET '89**.

Phi Zeta Award

The Phi Zeta Award for the best academic record after the first three semesters of study has been given to **Alison R. Gaynor, VET '89**.



Purina Mills Inc. Award

The Purina Mills Inc. Award for Proficiency in Swine Medicine has been given to **Dolores Ann Roeder, VET '87**.

Sager Equine Obstetrics and Pediatrics Award

The Colonel Floyd C. Sager Equine Obstetrics and Pediatrics Award has been given to **Joseph L. Mankowski, VET '87** and **Claire V. Tusch, VET**.

Sheidy Prize for Pharmacology

The Sheidy Prize for Pharmacology has been given to **Darryl L. Millis, VET '87**.

Anna Olafson Sussex Pathology Award

The Anna Olafson Sussex Pathology Award given after completion of the third year of study has been given to **William J. Falcheck, VET '88**, **Howard J. Lawrence, VET '88** and **Elizabeth W. Uhl, VET**.

Jacob Traum

The Jacob Traum Award to a fourth-year student for superior interest and accomplishment in bacteriology, epizootiology, pathology and virology has been given to **Todd A. Tobias, VET '87**.

Horace K. White Prizes

The Horace K. White Prizes to the students whose academic records for the entire veterinary course are the highest has been awarded to **Keith G. Mansfield, VET** and **Darryl L. Millis, VET '87**.



Wild Bird Research and Rehabilitation Award

The Wild Bird Research and Rehabilitation Award to a senior veterinary student who has demonstrated concern for the rehabilitation of wild birds has been given to **Laura E. Smiley, VET '87**.

Upjohn Clinical Awards

The Upjohn Clinical Awards for unusual proficiency in large animal surgery has been given to **Douglas J. Huber, VET '87** and **Carolyn Diane Prouty, VET** and for small animal surgery to **Scott A. iKrick, VET '87**.

TRI-SERVICE ROTC

American Defense Preparedness Association Award

American Defense Preparedness Association Award for active participation in campus activities and demonstrated leadership qualities has been given to (Army) **Scott B. Hines, ARTS**; (Navy) **Alexander P. Kamel, ENG**; (Air Force) **Asa S. David, ENG**.

American Legion Awards

The American Legion Awards for scholastic excellence have been awarded to (Army) **Laura T. Trippett, ARTS '87** and **Abraham H. Dorph, ALS '88**; (Navy) **Matthew L. Hall, ENG '87** and **Charles E. Snee, ALS**; (Air Force) **Karen A. McBride, ENG '87**, **Emmanuel Saradakis, ENG '88**, **Alex K. Bhak, ARTS '89** and **Christopher J. Hasser, ENG '90**.

Scholastic Excellence Award

The Scholastic Excellence Award has been given to (Army) **Kim Howard** and **Jeffrey Spina, ARTS**; (Navy) **Christopher C. Whitney, ENG '87** and **Mark K. Anderson, ARTS**; (Air Force) **Lauren B. Kelly, ENG '87**, **William J. McGurk, ENG '88**, **Dana M. Madsen, ENG '87** and **Keith A. Lyszkowski, ENG '90**.

Daughters of the Founders and Patriots of America Award

The Daughters of the Founders and Patriots of America Award for overall excellence has been given to (Army) **Therese D. Raphael, ARTS**; (Navy) **Timothy M. Webster, ENG**; (Air Force) **Alejandro J. Aleman, ARTS '89**.

Armed Forces Communications and Electronics Association Award

The Armed Forces Communications and Electronics Association Award given to an outstanding cadet or midshipman in the junior year has been given to (Army) **Bruce Bensink, ENG '88**; (Navy) **Richard J. Zins, ENG '88**; (Air Force) **John Hudanich, ENG '88**.



Daughters of the American Revolution Award

The Daughters of the American Revolution Award given for sound character, exceptional leadership and patriotism has been awarded to (Army) **Alyson Earl, ILR '87**; (Navy) **Cynthia G. Orne, ENG**; (Air Force) **Douglas J. Rademacher, ARTS '87**.

Military Order of the World Wars Medal

The Military Order of the World Wars Medal for military and scholastic excellence has been given to (Army) **Ian R. Ashcroft, ALS '88**, **Gray C. Wirth, A:S '89** and **Kara L. Snider, HEC**; (Navy) **Eric C. Brown, ENG '88**, **Douglas P. Carstens, ARTS '89** and **Michael S. Moore, ENG**; (Air Force) **Scott K. McPeck, ILR '88**, **Mindy S. Schretter, ENG '89** and **Raymond Tsui, ENG**.

National Sojourners Award

The National Sojourners Award for the cadet or midshipman who has done the most to encourage and demonstrate Americanism has been awarded to (Army) **John R. Allen, UNCL**; (Navy) **Natasha Bobrovsky, ENG '87**; (Air Force) **Brenda G. Laub, ENG**.

Reserve Officers Association Award

The Reserve Officers Association Award for leadership, scholarship and aptitude for military service has been awarded to (Army) **David Thomas, Judith Hytten, ARTS** and **Jeffrey Jepson**; (Navy) **Mark E. Schimpf, ENG '87**, **Richard J. Zins, ENG '88** and **James L. Tangorra, ENG '89**; (Air Force) **Nancy M. Trepanier, ARTS '87**, **Robert J. Bonneau, ENG '88** and **Kurt A. Harendza, ENG '89**.

Retired Officer Association Award

The Retired Officer Association Award has been given to (Army) **Eric C. Luebbe, ARTS**; (Navy) **Peter J. Ward, ENG '88**; (Air Force) **Sharon E. McLaughlin, ENG**.

Society of American Military Engineers Award

The Society of American Military Engineers Award for outstanding academic and military performance has been given to (Navy) **Eric C. Brown, ENG '88** and **Lisa S. Megargle, ENG**.



Sons of the American Revolution Award

The Sons of the American Revolution Award for outstanding academic and military performance has been given to (Army) **Michael P. Twining, ALS '90**; (Navy) **Brian C. Grafe, ENG '87**; (Air Force) **Brian J. Francis, ENG '87**.

Veterans of Foreign Wars Award

The Veterans of Foreign Wars Award for exceptional dependability, leadership and patriotism has been given to (Army) **Eva M. Botos**; (Navy) **David G. Fry, ARTS**; (Air Force) **Richard W. Matton, ENG '87**.

AEROSPACE STUDIES

AFROTC Charles M. Manly Scholarship Award

The AFROTC Charles M. Manly Scholarship Award given to a junior has been awarded to **John W. Palmieri, ENG '88**.

Air Force Association Award

The Air Force Association Award to a fourth-year cadet has been awarded to **Glenn M. Vaughan, ENG**.



General Dynamics Air Force ROTC Cadet Award

The General Dynamics Air Force ROTC Cadet Award to a second-year cadet has been given to **Theodore H. Schoenberg, ALS '89**.

Professor of Aerospace Studies Award

The Professor of Aerospace Studies Award, given to a fourth-year cadet who has displayed outstanding qualities of leadership and military bearing has been given to **Asa S. Davis**.

MILITARY SCIENCE

American Veterans of World War II Award

The American Veterans of World War II Award for diligence in the discharge of duty and willingness to serve both God and Country has been given to **John D. Horwhat, ARTS '88**, **Kyle E. Miller, ENG '89** and **Gregory J. Toussaint, ENG**.



Association of the United States Army award

The Association of the United States Army award for advancing the standing of the Department of Military Science has been given to **Deborah A. Brown, ARTS** and **Bruce L. Graves, ENG '89**.

LTC John B. Davenport Award

The LTC John B. Davenport Award has been awarded to **Robert L. Hovey, ENG '87**.

Superior Cadet Decoration Award

The Department of the Army Superior Cadet Decoration Award has been given to **Robert A. Mendel, HEC '87**, **G. Timothy Macko, ILR**, **Michael Peloquin, ARTS '89** and **Bryan Alsip, ALS '90**.

Mr. and Mrs. Richard Frank Award

The Mr. and Mrs. Richard Frank Award for the student with the highest grade point average in Army ROTC who is also entering active duty immediately following commissioning has been given to **Thomas M. Dubots, ALS '87**.

George C. Marshall ROTC Award

The George C. Marshall ROTC Award has been given to **Robert A. Mendel, HEC '87**.



National Defense Transportation Award

The National Defense Transportation Award has been given to **Robert M. Markiewicz** and **Karen L. Davis, ALS '87**.

R. Bruce Hart Memorial Award

The R. Bruce Hart Memorial Award has been given to **Cynthia A. Roberts, ARTS '87**.

Society of the War of 1812 Award

The Society of the War of 1812 Award has been given to **Noelle J. Briand, ALS '90**, **Michael E. Zwick, ALS '89** and **Edward P. Clary, ENG**.

NAVAL SCIENCE

General Dynamics NROTC Award

The General Dynamics NROTC Award for contribution to NROTC unit extracurricular activities has been given to **Jacob T. Whitaker, ARTS '87**.

Legion of Valor Bronze Cross of Achievement

The Legion of Valor Bronze Cross of Achievement, given to the outstanding junior midshipman for achievement of scholastic excellence in military and academic affairs has been given to **Eric C. Brown, ENG '88**.

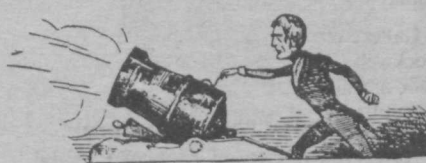


Professor of Naval Science Award

The Professor of Naval Science Award (Officer's Prize Fund Award), given to the graduating midshipman who shows the most promise as a future Navy or Marine Corps officer, has been given to **Brian C. Grafe, ENG '87**.

United States Naval Institute Award

The United States Naval Institute Award, given to an outstanding graduating senior in the scholarship program, has been awarded to **Brian C. Grafe, ENG '87**.



The awards and prizes listed here are a good many, but not all, of the honors given to graduating students and others at this time of year. In some cases, the names of award winners were not available at press time; in other cases, colleges withheld the names of honorees so they could be announced at special upcoming events.

In some cases, actual awards or prizes may differ slightly from the description given here, especially in regard to monetary value.

CALENDAR

All items for the calendar should be submitted (typewritten, double spaced) by campus mail, U.S. mail or in person to Chronicle Calendar, Cornell News Service, Village Green, 840 Hanshaw Road.

Notices must be received 10 days prior to publication and must include the name and telephone number of a person who can be called if there are questions.

Notices should also include the sub-heading of the calendar in which the item should appear.

DANCE

Cornell Folkdancers

The Cornell Folkdancers will meet May 31 at 6:30 p.m. in the North Room of Willard Straight Hall to discuss next year's workshops, elections and other business. A review of the Dick Crum workshop dances will be given by Ed Abelson at 7:30 p.m., followed by requests. In June, July and August, Folkdancers will meet every Sunday. Call 257-3156 for more information.

Cornell Scottish Country Dancers

Monday evenings, 8-10 p.m., 213 S. Geneva St. Beginners and experienced dancers welcome. For more information call 257-6017 or 272-6229.

Israeli Folkdancing

Thursday evenings, 8:30 p.m. Anabel Taylor Hall Auditorium.

EXHIBITS

Johnson Art Museum

The Herbert F. Johnson Museum of Art, on the corner of University and Central avenues, is open Tuesday through Sunday from 10 a.m. to 5 p.m. Admission is free. Call 255-6464 for further information.

New York State Printmakers As part of the New York State Artists Series, the works of six printmakers living and working in New York State will be displayed through July 5. The artists whose works will be shown in the exhibition include: J. Catherine Bebout, Nancy Friese, Charles Heasley, Alleyne Howell, Judy Natal and William Schade.

Elements of Nature: Watercolors by Kenneth Evett Watercolors inspired by Evett's travels to Europe, the Mediterranean, the Maine coast and the American West will be featured until June 28. Evett is an emeriti professor in the Department of Art.

Class of 1922 Crafts Exhibition and Class of 1962 Photography Exhibition: Works drawn from the museum's permanent collection including crafts and photographs purchased through Cornell class funds will be on display during reunion weekend.

Gallery Reopened: The George and Mary Rockwell Galleries of Asian Art on the fifth floor are now open to the public with the exceptions of a few galleries that are still being renovated.

Whittaker Seminar Room

Botanical drawings and watercolors, by Carl Whittaker, in the R.H. Whittaker Seminar Room, Corson Hall, Monday through Thursday 8 a.m.-4:30 p.m.; Fridays 8 a.m.-4 p.m.

FILMS

Unless otherwise noted, films are sponsored by Cornell Cinema. An (*) indicates that admission is charged.

Friday, 5/29

"The Big Chill" (1984), directed by Lawrence Kasdan, with Glenn Close, Kevin Kline and William Hurt, 7:30 p.m., Uris Hall. Co-sponsored with the Senior Week Committee.*

"St. Elmo's Fire" (1985), directed by Joel Schumacher, with Demi Moore, Rob Lowe and Andrew McCarthy, 9:45 p.m., Uris Hall. Co-sponsored with the Senior Week Committee.*

Saturday, 5/30

"St. Elmo's Fire," 7:30 p.m., Uris Hall.*

Sunday, 5/31

"Hari Kiri" (1964), directed by Masaki Kobayashi, with Tatsuya Nakadai and Shima Iwashita, 8 p.m., Uris Hall.*

Monday, 6/1

"The Seventh Seal" (1956), directed by Ingmar Bergman, with Max von Sydow and Bibi Anderson, 8 p.m., Uris Hall.*

Tuesday, 6/2

"His Girl Friday" (1940), directed by Howard Hawks, with Cary Grant and Rosalind Russel, 8 p.m., Uris Hall.*

"Craig's Wife" (1936), directed by Dorothy Arzner, with Rosalind Russel, John Boles and Billie Burke, after first feature, Uris Hall.

Wednesday, 6/3

"Little Big Man" (1971), directed by Arthur Penn, with Dustin Hoffman, Chief Dan George, Faye Dunaway, 8 p.m., Uris Hall.*

Thursday, 6/4

"Lady Jane" (1986), directed by Trevor Nunn, with Helena Bonham Carter and Cary Elwes, 8 p.m., Uris Hall.*

Friday, 6/5

"Claire's Knee" (1971), directed by Eric Rohmer, with Jean-Claude Brialy and Beatrice Romand, 8 p.m., Uris Hall.*

"Manhattan" (1979), directed by Woody Allen, with Woody Allen, Meryl Streep and Mariel Hemingway, 10:15 p.m., Uris Hall.*

Saturday, 6/6

"Claire's Knee," 10:15 p.m., Uris Hall.*

"Manhattan," 8 p.m., Uris Hall.*

Sunday, 6/7

"A Passage to India" (1984), directed by David Lean, with Alec Guinness, Peggy Ashcroft and Victor Banerjee, 8 p.m., Uris Hall.*

Monday, 6/8

"Rules of the Game" (1939), directed by Jean Renoir, with Marcel Dalio, Julien Carette and Jean Renoir, 8 p.m., Uris Hall.*

Tuesday, 6/9

"The Miracle of Morgan's Creek" (1944), directed by Preston Sturges, with Betty Hutton and Eddie Bracken, 8 p.m., Uris Hall.*

Wednesday, 6/10

"Bonnie and Clyde" (1967), directed by Arthur Penn, with Faye Dunaway and Warren Beaty, 8 p.m., Uris Hall.*

Thursday, 6/11

"The Little Foxes" (1941), directed by William Wyler, with Bette Davis, Herbert Marshall and Teresa Wright, 8 p.m., Uris Hall.*

Society for the Humanities

The Society for the Humanities will sponsor a one-day conference on "The Arts, Ideology and the State," June 5 at the A. D. White House. The conference is part of the Cayuga Colleges Conference for Work-in-Progress in the Humanities.

LECTURES

A.D. White Professor-at-Large

"Stereochemistry of the alkylation steps in the biosynthesis of tuberculostearic and lactobacillic acid," Duilio Arigoni, Eidgenossische Technische Hochschule, Zurich and A.D. White Professor-at-Large, June 9, 11:15 a.m., 119 Baker Laboratory.

"On the synthesis and biosynthesis of lipoic acid," Duilio Arigoni, June 10, 4:40 p.m., 119 Baker Laboratory.

"Studies on aminocyclopropanecarboxylic acid, a prephytohormone from higher plants," Duilio Arigoni, June 11, 11:15 a.m., 119 Baker Laboratory.

MUSIC

Bound for Glory

Records from the Studio, May 31 and June 7, Commons Coffeehouse, Anabel Taylor Hall.

Music Department

Senior Week Concert, performed by the Cornell Wind Ensemble, conducted by Marice Stith. Works by Barker, Mackerras, Foster, Beeler, Shostakovich, Smith, Williams and others, May 30, 3 p.m., Statler Hall.

Cornell University Glee Club and Chorus, conducted by Byron Adams, May 30, 8:15 p.m., Bailey Hall.

Cornell India Association

"Mandolin" U. Srinivas, an Indian classical music concert performed by U. Srinivas with Guru R. Subbaraju, A. Kanyakumari and S.V. Rajarao, June 11 at 7:30 p.m. Tickets are \$4 for members, \$5 for non-members and are available at Sangam Restaurant or at the door. For more information call Sanjeev or Sanjay at 255-3420 or 277-5461.

RELIGION

Sage Chapel

Leonard Fein, editor and publisher of "Moment" magazine, will give the Baccalaureate address on May 31 at 9:30 a.m. in Bailey Hall. Fein has taught at M.I.T. and Brandeis University and served as the director of research at the M.I.T.-Harvard Joint Center for Urban Studies from 1968-1970.

The Baccalaureate Service is an interreligious celebration honoring graduates and their families and retiring faculty and employees of the university.

Music for the service will be provided by the Cornell University Glee Club and Chorus directed by Thomas A. Sokol and the brass section of the Cornell Wind Ensemble directed by Marice Stith.

Catholic

Mass: May 30 at 5 p.m. and May 31 at 8 a.m., June 6 at 5 p.m. and June 7 at 10 a.m. Anabel Taylor Auditorium.

Christian Science

Testimony Meeting: Every Thursday, 7 p.m. in the Anabel Taylor Founders Room.

Episcopal (Anglican)

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

Friends (Quakers)

Sunday, 9:45 a.m., adult discussion, 11 a.m. meeting for worship, Edwards Room, Anabel Taylor Hall.

Jewish

Morning Minyan: Young Israel House, 106 West Avenue. Call 272-5810.

Conservative/Egalitarian Services: Friday 5:30 p.m., Saturday 9:45 a.m., Anabel Taylor Founders Room.

Orthodox Shabbat Services: Friday evenings, Young Israel House, 106 West Avenue. Call 272-5810. Saturday, 9:15 a.m., Anabel Taylor Edwards Room.

Reform Services: Friday evenings 5:30 p.m., Anabel Taylor Chapel.

Korean Church

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

Muslim

Sunday through Thursday, 1 p.m., 218 Anabel Taylor Hall. Friday 1 p.m. Anabel Taylor Edwards Room.

Protestant

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

Zen Buddhism

Zazen meditation: every Thursday 5:10 p.m., Anabel Taylor Chapel. Beginner's instruction every Tuesday 6:30 p.m., at Ithaca Zen Center, 312 Auburn Street. For more information call 277-4364.

SEMINARS

Boyce Thompson Institute

"Can Chemical Insect Control be Sustained in the Presence of Resistance?" George P. Georgiou, Department of Toxicology and Physiology, University of California at Riverside, June 3, 2 p.m., James Law Auditorium, Schurman Hall.

"Coupling of Vegetation to the Atmosphere," Paul Jarvis, Department of Forestry and Natural Resources, University of Edinburgh, Scotland, June 10, 2 p.m., 45 Warren Hall.

Statistics

"Estimation of infinite dimensional parameters using maximum likelihood ideas," Peter J. Bickel, Department of Statistics, University of California-Berkeley, June 3, 3:30 p.m., 100 Caldwell Hall.

THEATRE

National Theatre of Great Britain

"The National Theatre of Great Britain Summer Acting Program," sponsored by the Department of Theatre Arts and Cornell University Summer Session will be held June 8-26.

In a conservatory-style setting, students will receive intensive training in classical acting techniques and styles, interpretation of modern and classical text, voice, scene study and movement. Further information and application materials can be obtained from The National Theatre of Great Britain Summer Acting Program, Department of Theatre Arts, 104 Lincoln Hall, or by calling 255-4060.

MISC

Perceptual Skills in Drawing Workshop

A five-day intensive drawing workshop at the Johnson Museum July 8-14. Presented in cooperation with the Educational Applications of Brain Hemisphere Research Center at California State University. Linda-Jo Edwards will lead the program. Applications are available by calling the museum's education department at 255-6464. Deadline is June 1 and a non-refundable pre-registration fee of \$35 is required. Total cost is \$255.

Job Opportunities

In compliance with the Immigration Reform and Control Act of 1986, Cornell University is now required to check the identity and employment eligibility of all new hires.

Effective June 1, 1987, if you accept a position, you must show documents on or before your first day of work, that indicate your identity and employment eligibility; for example, a state issued driver's license and a birth certificate. For more information, contact Staffing Services, 255-5226.

-Employment and employee transfer applications forms are available at both Staffing Services locations-160 Day Hall and East Hill Plaza.

-Requests for referral and/or cover letters are not accepted unless specified in the ad.

-Cornell University is an Affirmative Action/Equal Opportunity Employer.

-This listing is also available on CUINFO, Cornell's computerized info service.

Administrative and Professional

Minimum salaries listed are for recruitment purposes only.

EXECUTIVE STAFF ASST.II (PC1914) Vice Provost, Academic Programs

Provide admin. support to the Vice Provost, Assistant Vice Provost, Academic Programs. Supervise secretarial staff, provide staff support to Trustee Committee on Academic Affairs & CU-wide committees related to academic programs.

Req.: BA degree or equiv. required. Min. 3-5 yrs. admin. exp. required. Experience in computerized office management preferred. Strong org. & comm. skills. Able to work well with a wide variety of people essential. Send cover letter & resume to Esther Smith by 6/5.

ASSISTANT VICE PROVOST, ACADEMIC PROGRAMS (PA1913) Vice Provost, Academic Programs

Work with Vice Provost, Academic Programs to serve as chief operational officer for coordinating student academic support services. Will serve as budget officer for all units reporting to Vice Provost, Academic Programs & engage in special studies designed to improve academic programs under direction of Vice Provost for Academic Programs & Provost.

Req.: BS/BA req.; MS pref. 5 or more yrs. exp. in higher ed., Cornell exp. pref. Exp. in developing & managing diverse budgets req. Demonstrated ability to relate well to faculty, students & admin. staff req. Excellent comm. skills. Some exp. implementing mgmt. systems highly desired. Send cover letter & resume to Larry I. Palmer, Chair, Search Committee, Provost Office, 300 Day Hall by 6/15.

FACILITIES INVENTORY COORDINATOR (PA1910) Facilities Engineering

Coordinate collection, dissemination, organization, & maintenance of info. for sq. footage, occupancy & usage for all CU bldgs. & properties on & off campus.

Req.: AAS in Arch., Interior Design, Construction or equiv. job related exp. 2 yrs. in A/E or Facilities Inventory environ. & working knowl. of computer systems & data base mgmt. nec. Must have exc. org., interper. & comm. skills. Send cover letter & resume to Cynthia Smithbower by 6/12.

ADMINISTRATIVE SUPERVISOR I (PG193) Campus Mailing Service

Manage budgets & operations for messenger services & delivery services. Oversee the regalia inventory & its dispersment.

Req.: AAS degree req. Exc. supv. skills, 1 yr. supv. exp. in unionized setting. Familiar with U.S. Postal rules & regulations. Familiar with microcomputers; familiar with CU campus. Send cover letter & resume to Bill Webster by 6/12.

APPLICATIONS PROGRAMMER ANALYST (PT194) Campus Affairs

Design, develop, modify, maintain & document approved computer applications.

Req.: BA/BS or equiv. with computer-related courses. 1-3 yrs. rel. exp. Knowl. of applications for batch or interactive systems, JCL, machine architecture, data-base management system e.g. ADABAS, dBase & system utility programs. 2 programming languages req.: PL/1, Natural COBOL, PASCAL, BASIC. Send cover letter & resume to Judi Pulkinen by 6/12.

TECHNICAL CONSULTANT (PT195) Hotel Administration

Provide programming & consulting support for research & instructional computing. Utilize a microcomputer & univ. main frame (SAS/SPSSx).

Req.: BS or equiv. coursework in computing or related fields. Substantial knowl. & exp. of SAS or SPSSx. Knowl. of hospitality software desired. Send cover letter & resume to Judi Pulkinen by 6/12.

ASSOC. DIR. OF ADMISSIONS (PA197) Undergraduate Admissions

Interpret market research findings, formulate recruitment strategies, & coordinate & implement Univ. recruitment activities in important market area. Prepare stat. reports & analyses, recruit & develop alumni volunteers, administer recruitment budget.

Req.: BA/BS req. with grad. work pref. 4 yrs. admissions exp. req. Exp. with a quantitative market research based approach to planning recruitment activities. Some supervising exp. req. Exc. public & writing exp. req. Send cover letter & resume to Cynthia Smithbower by 6/30.

APPLICATIONS PROGRAMMER/ANALYST III (PT198) Mann Library

Develop & maintain products of Computer Files Prog. Design & program projects on mainframe, mini & microcomputer systems. Instruct in the use of computer data files for staff & library patrons. 18 month project.

Req.: BA/BS or equiv. Background in life sciences or agriculture. Exp. with microcomputer software, ie. Lotus 1-2-3, Kermit, dBase, mainframe IBM or DEC VAX systems. Expertise programming in C, Fortran & Pascal. Comm. skills. Send cover letter & resume to Judi Pulkinen by 6/5.

APPLICATIONS PROGRAMMER/ANALYST III (PT196) Computer Services

Design, develop, modify & document straight forward applications software in support of a major administrative system.

Req.: BA/BS or equiv. with computer related courses. Knowl. of at least 2 languages-PL/1, Natural, COBOL, Mark VI; knowl. of applications for interactive & batch admin. systems, data base mgmt. systems, machine architecture, system utility programs, VM/CMS. Send cover letter & resume to Judi Pulkinen by 6/12.

SR. TECHNICAL WRITER (PC192) Computer Services

Produce intro. to advanced level publications to clearly & correctly explain software systems of some complexity; produce/edit materials publicizing CCS activities & functions.

Req.: BA or equiv. Min. 2-3 yrs. related exp. in tech. writing. Knowl. of IBM/CMS & DEC/VMS mainframe computers, microcomputers (especially Mac), text editors/WP/desktop publishing software & programming languages. Send cover letter, resume and writing sample to Esther Smith by 6/12.

ASSISTANT TREASURER (PA484) Vice President & Treasurer-search reopened

Responsible for banking relations; outside investment mgmt. oversight; debt mgmt.; receipt, custody, control & disbursement of Univ. funds incl. Cash Management Office & related control functions; Risk Management & Insurance; Capital Planning; & Investment Office accounting & administration.

Req.: BA/BS, MBA pref. & 5-7 yrs. banking-financial mgmt. exp. Relevant exp. in traditional treasurer functions & capital planning. Exc. mgmt., problem solving & comm. skills req. Send cover letter & resume to Cynthia Smithbower by 6/19.

APPLICATIONS PROGRAMMER III (PT184) Program of Computer Graphics

Maintain computer graphic software & database. Provide system level & graphics software development & research support for advanced image synthesis.

Req.: BS or MS in Computer Science/Graphics. Several yrs. exp. in applications programming. Knowl. of interactive computer graphics, solid modeling & database software: VMS, UNIX, FORTRAN & C essential. Good interper. skills. Send cover letter & resume to Judith Pulkinen by 6/12.

SR. RESEARCH SUPPORT SPECIALIST (PT185) Program of Computer Graphics

Provide highly specialized systems support to advanced graphics program. Maintain & install graphics software & hardware. Consult with faculty & students.

Req.: BS or equiv. with related computer courses. 3-5 yrs. exp. with VAX/VMS, DecNet, Ethernet, VaxCluster essential. Knowl. of current computer graphics technol. nec. Working knowl. of UNIX system desired. Send cover letter & resume to Judith Pulkinen by 6/12.

ADVISOR TO FRATERNITIES & SORORITIES (PA1811) Dean of Students

Serve as advisor to Fraternities & Soror., Greek Councils & Chapter officers to provide leadership dev. & program planning. Act as liaison with Nat'l. officers, alumni & local officials.

Req.: BS/BA req.; MS pref. Undergrad. membership in fraternity/sorority helpful but not req. Good comm. (oral & written) skills; confidentiality nec. Send cover letter & resume to Cynthia Smithbower by 6/5.

BUDGET ANALYST I (PC189) Vet. Financial Services

Assist Dir. in admin. of budgetary process in accord. with GAAP standards & statutory regulations. Provide financial coord. & trng. of dept. personnel in financial matters. Develop & prepare analyses, reports & trng. opportunities related to college financial processes.

Req.: BA in acctg. or related field. pref. Min. 2 or more yrs. heavy acctg. or audit respons. pref. in Statutory univ. setting. Demonstrable familiarity with IBM PC compatible computers & Lotus 1-2-3 with rel. exp. in centralized acctg. enviro. & telecommunications. Send cover letter & resume to Esther Smith by 6/5.

ADMISSIONS COUNSELOR (PA157) Arts & Sciences Admissions-repost

Provide leadership & coordination in reg'l. recruiting & selection, assist Sr. Assoc. Dir. in Arts Ambassador & on-campus activities.

Req.: BA in liberal arts. Some admissions exp. & knowl. of admissions marketing. Exc. comm. skills. Good analytical & interper. skills. Send cover letter & resume to Cynthia Smithbower by 6/5.

ASST. DIRECTOR (PA158) Arts & Sciences Admissions-repost

Provide leadership & coordination in reg'l. recruiting & selection, Minority Admissions & faculty participation in group conferences.

Req.: BA in liberal arts; advanced degree pref. 3 yrs. admissions, teaching or advising at a liberal arts college. Knowl. of admissions marketing & electronic admissions systems. Exc. analytical, interper. & comm. skills. Fluency in Spanish pref. but not req. Send cover letter & resume to Cynthia Smithbower by 6/5.

MANAGING EDITOR (PC165) Hotel Administration

Supv. & coord. production of high-quality busn. journal & related publications. Copyediting manuscripts for style & substance; write articles; proofread; production scheduling (incl. coord. efforts with staff members, freelancers, & vendors).

Req.: BA pref. in English, & 2 yrs. hands-on editing or mgmts. of prints publications. Strong command of language. Familiar with editorial style & printing specifications. Exp. with page layout & design. Able to work with WP & page-layout software. Understanding of busn. writing & hospitality industry. Send cover letter, resume & writing sample to Esther Smith by 6/5.

ASST. DIR., STATE PROGRAMS HEOP-EOP (PA428) State Programs Office-repost

Assist in providing programmatic accountability to Univ. & State Programs Off. for HEOP-EOP programs. Aid in development & comm. to Univ. officials for new proposals, program structure & changes affecting mgmt. & continuation of program. Recruit students in coord. with for Univ. Admissions Off. & individual colleges.

Req.: MS or equiv. pref. in student personnel admin., higher ed. admin., social science or other rel. field. Some exp. in student personnel svcs. or counseling. Send cover letter & resume to Cynthia Smithbower by 6/5.

ASST. DIRECTOR (PA417) Career Center-repost

Coord. career planning & placement activities for minority students; develop cooperative relationship with employers, college placement offices, college minority offices, & student organizations; provide career placement & advising for minority & majority students; coordinate Career Ctr. program publicity; coordinate new non-profit sector employment program.

Req.: BA/MA or equiv. pref. in counseling, student personnel, ed. or rel. areas. Career counseling skills; understanding of minority career development needs; 2 yrs. exp. in higher ed., counseling, or career planning & placement. Send cover letter & resume to Cynthia Smithbower.

MANAGER, DIRECT MAIL (PC153) University Press

Responsible for planning & carrying out seasonal direct mail campaigns for 150 books/yr. Draw up proposals; conduct list research; order lists; write copy; oversee work of designers, typesetters, printers & mailing houses; keep acctg. & records; analyze returns, assist with prep., editing, & proofreading of 2 seasonal catalogs/yr. & with dust jackets, press releases & sales letters.

Req.: BA or equiv. Min. 3 yrs. in publishing pref. Writing exp. nec. Exp. in marketing desired. Send cover letter, resume & writing samples to Esther Smith.

STAFF WRITER II (PC148) University Development

Development communications seeks 3rd staff writer responsible for a variety of communications that foster mutually rewarding relationships between Cornell & corporations, foundations & alumni—leading to increased confidence in & financial support of Cornell.

Req.: BA in English, Journalism, Marketing or Comm. Arts or equiv. Able to do original writing as well as re-writing, ghostwriting & editing. Exp. in newswriting, advertising, public relations, fund raising or higher ed. helpful. Position becomes available this summer, but freelance assignments in interim may be arranged. Apply by 6/9 in writing to Gil Ott, Dir., Dev. Operation, 726 University Ave. Enclose 3 or more, fiction or non-fiction, writing samples. For further information contact Sandi Gurowitz, Dir., Dev. Communications, 255-9699.

Clerical

REGULAR EMPLOYEES Submit an employee transfer application, resume & cover letter. Career counseling interviews are available by appt. **EXTERNAL APPLICANTS** Submit an employment application & resume. Interviews are conducted Wed. from 1-6pm at Staffing Services, East Hill Plaza by appt. Contact Esther Smith (255-6878) or Lauren Worsell (255-7044).

RECORDS ASST., GR16 (C1910) Law Library

Responsible for support of catalogs, including typing, some searching for projects & adding volumes to shelflist.

Req.: H.S. dip. or equiv. some college desired. Lt. typing. Strong comm. skills (verbal & written). Lib. exp. helpful.

Minimum Biweekly Salary: \$390.08

OFFICE ASST., GR17 (C198) Law

Primary responsibility for telephone coverage of faculty telephones. Assist the registrar's office with course registration, evaluation process, exam processing, grade reporting, grad. preparation, attendance certifications. 8-5 four days, 9-5 one day.

Req.: H.S. dip. or equiv. busn. or sec. school desired. Med. typing. Knowl. of IBM PC, WordPerfect software or willingness to learn. Exc. org., comm. (written & oral) & interper. skills. Able to work well with a variety of people. High level of confidentiality req.

Minimum Biweekly Salary: \$409.53

OFFICE ASST., GR18 (C191) ILR-School Relations

Solicit, receive, compile, format, edit & enter job listings from corps., labor unions, ed. & govern. institutions; maintain accurate records, coord. publication & mailings; provide sec. support for the Collective Bargaining Institute. Other clerical support as needed.

Req.: H.S. dip. or equiv. AAS desired. 1-2 yrs. exp. with Mac., microsoft word & file. Med. typing. Knowl. of ILR field pref. Exc. comm., org. & admin. skills. 1-2 yrs. exp. in a professional office environ. essential. Able to set priorities & work in a complex, active environ.

Minimum Biweekly Salary: \$431.43

OFFICE ASST., GR18 (C192) Vet Medical Teaching Hospital

Telephone comm. liaison for staff, clients, referring vets. & general public of Small Animal Clinic. Schedule appts. using hospital computer system; take messages; page doctors; relay general info. to clients, referring vets. & others as requested. Mon-Fri. 10-6, Sat. 8-12.

Req.: H.S. dip. or equiv. Lt. typing. Knowl. of medical term. Computer exp. essential. Able to deal with emergencies & use sound judgement in stressful conditions.

Minimum Biweekly Salary: \$431.43

SECRETARY, GR19 (C193) Hotel Administration

Provide admin./sec. support for Development office; create WP formats & input; proofread; revise development related materials; perform data processing functions; responsible for gift acknowledgements; answer & screen phones; maintain lists; handle mass mailing.

Req.: AAS or equiv. Min. 1-3 yrs. sec. exp. Excellent comm. & interper. skills. Advanced level WP skills. High degree of accuracy & attention to detail. Sensitivity to the special nuances inherent to a position in the Development office. Able to respect & maintain high degree of confidentiality.

Minimum Biweekly Salary: \$457.09

ADMINISTRATIVE AIDE, GR20 (C194) Electrical Engineering

Resp. for office mgmt.; admin. & sec. support for a research group of 9 faculty & staff; prepare

proposals & manuscripts; arrange travel & meetings; accounting; extensive WP; corresp.

Req.: AAS or equiv. Min. 3 yrs. work exp. Knowl. of WP & tech. typing essential. Familiar with procedures for proposal & journal manuscripts helpful. Good org. skills. Able to set priorities & work in a complex, active environ.

Minimum Biweekly Salary: \$482.33

RESEARCH AIDE, GR20 (C131) Classics

Operate Kurzweil optical scanner, converting printed texts into computer files, for CU Center for the Computerization of Greek Inscriptions. Scanning texts in Greek & Latin & Classical texts for similar projects at other institutions; organize copies of material scanned; correspond with & provide tech. consultation svcs. to other institutions; train others to use scanner. Until 8-88.

Req.: BA in Classics, humanities, history, or rel. field desired. Prof. in Ancient Greek req. WP exp. Some knowl. of Latin helpful. Exc. org. & interper. skills necessary. Send cover letter, resume or call in confidence to Esther Smith (607-255-6878).

Minimum Biweekly Salary: \$482.33

SENIOR SALES ASST., GR21 (C1616, C1617) Statler Hotel

Resp. for marketing, planning & follow-up of conferences, meetings, seminars, banquets & private parties, held at Statler Hotel. Coord. clients needs with hotel staff.

Req.: BS in Hotel Admin. desired. Pref. will be given to candidates with sales exp. Background in hospitality industry req. Working knowl. of computer/ WP equip. Exc. oral & written comm. skills. Med. typing. Send cover letter & resume to Esther Smith.

Minimum Biweekly Salary: \$512.32

RESEARCH AIDE, GR21 (C157) Neurobiology & Behavior

Provide admin. support to professor & research group. Assist in prep. of research grants & reports; type & proofread scientific papers; serve as liaison with on- & off-campus contacts in arranging meetings, workshops, lectures; coord. travel; handle daily corresp.; maintain files; order supplies; other duties as assigned.

Req.: BS or equiv. Scientific background helpful, particularly in Biology. Min. 3-5 yrs. sec. exp. Heavy typing. WP exp. req. Exc. org. & comm. (written & oral) skills. Able to work independent.

Minimum Biweekly Salary: \$512.32

EDITORIAL ASST., GR21 (C154) CRSR

Primary resp. as editorial asst. for monthly journal, ICARUS, the major scientific publication in planetary studies; provide clerical assistance; scientific typing. Other duties as assigned. 1 yr. appt.

Req.: AAS or equiv. Exc. command of English, style & grammar. Able to keep exc. records. Some knowl. of astronomy & mechanics of journal production helpful. WP skills essential.

Minimum Biweekly Salary: \$512.32

ADMINISTRATIVE AIDE-LEGAL, GR22 (C195) University Counsel

Provide admin. asst. to 2 staff lawyers. Some bookkeeping; maintain filing system; prepare legal documents, memoranda & corresp.

Req.: AAS in busn. or equiv. exp., concentration in law pref. Min. 3 yrs. work exp. in law or admin. off. (law off. pref.). Exp. in litigation matters. Memory typewriter & Apple Mac PC very helpful. Exc. sec. skills. Confidentiality. Send cover letter & resume to Esther Smith by 6/8.

Minimum Biweekly Salary: \$539.94

ACCOUNTS COORDINATOR, GR24 (C1514) Restricted Fund Accounting

Monitor biannual activities of restricted acctg. Prepare & submit billings to sponsors; monitor receivables; correspond with sponsor & CU community; defend acctg. system to auditors.

Req.: BS in acctg., busn. or related field. Strong acctg. background. Familiarity with CU acctg. system pref. Exp. with IBM-PC (symphony) pref. Exc. comm. skills needed.

Minimum Biweekly Salary: \$607.21

General Service

REGULAR EMPLOYEES

Submit an employee transfer application to Staffing Services, East Hill Plaza. **EXTERNAL APPLICANTS:** Employment applications are available at Staffing Services, East Hill Plaza 9-noon, Mon.-Thurs.

FOOD SERVICE WORKER, SO16 (G1910) Dining-Endowed

Prepare, present & serve food items for Co-op, cash, catering or special events. Shift subject to change.

Req.: H.S. dip. or equiv. 1 yr. related exp. Working knowl. of food preparation & presentation. Able to operate choppers, slicers, mixers, ovens, steam kettles, pressure steamers & various hand tools. Good customer relation skills.

Minimum hourly rate: \$5.14

ANIMAL TECHNICIAN, GR18 (G198, G197) Lab Animal Services

Daily care of lab animals (care, feed, water, exercise); general cleaning & maintenance of cages & pens. Maintain I.D., breeding & inventory records.

Req.: H.S. dip. or equiv., AAS in Animal Sci. pref. Asst. Animal Technician Certification desired. Prev. animal handling exp. in an institutional environ. desired. NYS driver's lic. & ability to lift 100 lbs. Pre-employment physical req.

Minimum Biweekly Salary: \$431.43

MATERIAL HANDLER, SO20 (G195) General Stores-Endowed

Perform receiving & record keeping activities. Secondary responsibilities include order picking, distribution, customer service counter, delivery, cycle counting & general housekeeping duties.

Req.: H.S. dip. or equiv. 3-4 yrs. related warehouse & receiving exp. Knowl. of trades terminology (plumbing, electrical, building, etc.). Basic reading & writing skills, math aptitude & analytical abilities req. Able to lift 75 lbs. NYS drivers lic. req. Employee transfers must be received by 6/4.

Minimum hourly rate: \$6.34

May 28, 1987
Number 18
University Personnel Services
Cornell University
160 Day Hall
Ithaca, New York 14853-2801

STITCHER, GR22 (G194) Theatre Arts
Alter, cut, pattern & stitch costumes for Theatre Cornell productions. Assist with occas. craft work, drying, laundering, millinery or shopping. Keep machines in good working order. Assist in directing undergrad. production labs. Fit or assist at costume fittings as needed; measure actors as cast.

Req.: Extensive exp. as stitcher; exp. patterning & cutting costumes desired. Theatre costume shop exp. essential.

Minimum Biweekly Salary: \$539.94

COOK, SO22 (G184) Dining Services-Endowed
Prepare & present full variety of foods incl. soups, sauces, casseroles, meats & vegetables through own efforts & through supervision of staff. Shift subject to change.

Req.: H.S. dip. or equiv. 3-5 yrs. exp. in preparing full range of entrees; knowl. of food cooking processes (grilling, frying, roasting, steaming) in an institutional environ. pref. Working knowl. of use & maintenance of charbroilers, steam jacket kettles, pressure steamers, ovens, slicers, mixers, choppers & various hand tools. Supervisory skills desired.

Minimum hourly rate: \$7.07

BAKER, SO22 (G185) Dining Services-Endowed

Plan, coordinate & prepare full line of baked goods incl. rolls, breads, cakes, cookies & pastries through own efforts & through supervision of bakery staff. Shift subject to change.

Req.: H.S. dip. or equiv. 3-5 yrs. exp. preparing from scratch a variety of baked goods in institutional environ. Working knowl. of use & maintenance of mixers, dough sheeters, cookie machine, steam jacket kettles, rack oven, proofing cabinet, buffalo chopper, meat slicer & scales. Supervisory skills desired.

Minimum hourly rate: \$7.07

Technical

REGULAR EMPLOYEES: Submit an employee transfer application, resume & cover letter. **EXTERNAL APPLICANTS:** Submit an employment application, resume, & a list of laboratory techniques/equipment, or computer languages/hardware with which you are familiar. Submit a cover letter for each position for which you apply, (specify title, dept. & job number) to Judi Pulkinen, 160 Day Hall. Interviews are conducted the first Thursday of each month from 1:30-4:30 p.m. at Staffing Services, East Hill Plaza. The following backgrounds are highly desired: biochem., chem., microbiol., elect., physics, lic. animal health tech. No appt. is necessary, however a brief wait may be required.

TECHNICIAN, GR18 (T195) Equine Drug Testing

Perform analysis of blood & urine samples, under close supervision, in a field drug testing lab to serve Buffalo/Batavia Race Tracks. Assist lab dir. as requested. 1:30-10:00 p.m. daily, Sat., Sun. & holidays incl. during six day/wk. racing season.

Req.: AAS lab tech. degree or equiv. lab exp. Some exp. with Thin Layer Chromatography & general lab procedures. Familiar with gas chromatography. Send cover letter & resume to Andrew Froncokowiak, Equine Drug Testing, 925 Warren Drive, Ithaca.

Minimum Biweekly Salary:

Patents *Continued from page 1*

Switzerland.

The U.N. agency and Cornell's Department of Agricultural Economics are sponsoring the symposium.

The April ruling, which extended patent rights to genetically altered animals, originated in a 1980 decision by the Supreme Court extending the scope of patentable inventions to "anything under the sun that is made by man."

The earlier Plant Patent Act of 1930 was restricted to asexually reproduced plants such as cuttings, bulbs and spores. In 1985, U.S. patent laws were extended to sexually propagated plants, including alfalfa, cotton and soy beans, Lesser said.

The April decision swept patent laws into the new era of animal engineering. Lesser said the first animal patent applications may be granted within a year or so. Some applications already are on file in Washington.

"The Cornell symposium was planned long before the April ruling, and the scheduled papers are just as important now as they were before April," Lesser said. "But the decision of the Board of Patent Appeals on animal engineering adds a new and vital element to our proceedings. I've rewritten my paper."

Lesser said that speakers will include representatives of U.S. and European patent offices and private firms who will comment on plant breeders' rights in property protection systems. Members of the Cornell scientific community also will speak.

"This symposium is intended to serve as an opportunity to discuss needed adjustments in national and international laws in this rapidly changing area," Lesser said.

In addition to Van Horn and Lesser, papers will be presented during the symposium by:

- Ludwig Baeumer, director of the Industrial Property Division, World Intellectual Property Organization, Geneva.
- William Duffey, general patent counsel of Monsanto Co., St. Louis.
- Alan Laird, company patent agent, Imperial Chemical Industries, Welwyn Garden City, England.
- Karl Josef Heimbach, head of the patent department, Bayer AG, Leverkusen, West Germany.
- Charles Brim of Ciba-Geigy Biotechnology Facilities, Research Triangle Park, N.C.

• Otto Stamm, head of the patent department, Ciba-Geigy, Basel, Switzerland.

• Rudolf Teschemacher and Andre Remond, European Patent Office, Munich, West Germany. The Munich office represents patent interests of 11 nations in Western Europe's Common Market.

All sessions will be held in Kaufman Auditorium in Goldwin Smith Hall. The symposium will start at 2 p.m. on June 4 and end at 6 p.m. on June 5.

Prior registration is required and may be done by telephoning Lesser at 255-4595.

Lesser made preliminary arrangements for the symposium to be held at Cornell while he was in Europe last year on sabbatical leave. In the past, similar conferences were held at U.S. and West European patent offices.

— Albert E. Kaff

Computer courses offered

Registration continues through May 29 for more than 20 microcomputer and mainframe courses in this summer's Cornell Computer Services faculty training program.

Academic support staff also are eligible for the courses in the session, which runs from June 10 to 19. Course descriptions are available in the office of the Dean of the Faculty, 315 Day Hall, where registration forms should be returned. Questions on session content should be directed to Elaine LaRocque at 255-4893.

The summer session begins June 10 with a discussion by Agelia Velleman, assistant director of academic computing, titled "Academic Computing Services in a Brave New World: An Overview of Strategies and New Initiatives at Cornell."

Among courses are "How to Choose a Microcomputer," "Choosing a Local Area Network," "An Introduction to WriteNow for the Apple Macintosh," "An Overview of Version 3.0 of Microsoft Word for the Apple Macintosh," "A Hands-on Introduction to the Apple Macintosh," and "The Write Stuff: Word Processors for the Macintosh."



A scene from a Senior Week party

Microcomputer courses continue with "Overview and Comparison of Desktop Publishing Packages for the IBM-PC and Apple Macintosh," "Introduction to Microsoft Excel on the Apple Macintosh," "An Introduction to the IBM-PC and DOS," "Making Your File of Reprints or References," "An Introduction to WordPerfect on the IBM-PC," and "Expert System Development."

Also planned for microcomputer users are classes on "Expert System Development," "Advanced Concepts in dBASE III on the IBM-PC," "Kermit for the IBM-PC," "Overview and Comparison of the Database Packages for the IBM-PC and Apple Macintosh" and hands-on lab periods June 18 and June 19.

"On-line Searching of Bibliographic Databases" will be taught in a workshop June 11.

Mainframe computer courses include "Introduction to the IBM Mainframes," "Full-Screen CMS for Experienced CMS Users," "Electronic Mail and BITNET," "Vectorizing FORTRAN Code," and hands-on lab periods June 18 and June 19.

Olin Fellowships awarded to four grad students

Four Ph.D. candidates have been awarded newly established Olin fellowships worth more than \$60,000 each over a four-year period beginning this summer.

They are Katherine W. Johnson, Menasha, Wis., biochemistry; James Ranger-Moore, Juneau, Alaska, sociology; Robert A. Smith, Northants, England, physics; and Rebecca Lee Spang, Hampden, Maine, history.

They are the second group of four graduate students to receive the awards, established in the fall of 1986 with a \$30 million commitment from the Spencer T. and Ann W. Olin Foundation.

The gift provides \$1.5 million a year toward an endowment fund for the fellowships over 20 consecutive years. It is the second largest award in the university's history.

In addition to paying the student's tuition, the fellowships also provide an annual stipend of \$10,000 and a summer stipend.

"Eventually the program will provide support for as many as 50 fellows in any given year," explained Alison P. Casarett, dean of the Graduate School.

The fellowships are open to students who are entering their second year of graduate study in any of the 89 graduate fields in the sciences, humanities and engineering at Cornell.

The awards are made based on the recommendations of faculty in recognition of students of exceptional ability and promise and are expected to attract "the best and brightest students from around the world to Cornell," Casarett said.

Spencer T. Olin, a 1921 Cornell graduate, a presidential councillor and a trustee emeritus of the university, is one of Cornell's leading benefactors. His previous gifts include funding for the construction of Hollister Hall, a professorship in engineering, a chemistry laboratory, and support for programs in the biological and nutritional sciences.

— Martin B. Stiles

Job Opportunities

in research methods for field crop insects; farm background and exp. in operation of farm machinery. Send cover letter & resume to Judi Pulkinen by 6/5.
Minimum Biweekly Salary: \$482.33

TECHNICIAN, GR21 (T134) Plant Breeding & Biometry-repost
Execute various protocols used in molecular biol. research; data analysis; manage lab (order supplies, etc.); prepare various buffers & media; supv. undergrad. students working in a lab; help train new grad. students.
Req.: BS pref. in bio., molecular bio., biochem. or related area or equiv. exp. Related lab exp. req. Send cover letter & resume to Judi Pulkinen by 6/5.

TECHNICIAN, GR21 (T184) Biochemistry, Molecular & Cell Biology
Provide tech. & admin. support for large research project on expression of genes. Assist in isolating & analyzing DNA & enzymes.
Req.: BS/BA in biol. sci. Exp. in gene expression, cloning techniques & lab. admin. procedures, pref. Send cover letter & resume to Judi Pulkinen by 6/5.

Minimum Biweekly Salary: \$512.32

TECHNICIAN, GR21 (T186) Genetics & Development
Perform & record experiments in *Drosophila* genetics & molec. biol. Supv. functioning of lab. incl. maintenance of bacterial & fly cultures. Assist trng. new personnel.
Req.: BS in biol. or chem. or equiv. Lab. exp. desir. Send cover letter & resume to Judi Pulkinen by 6/5.

Minimum Biweekly Salary: \$512.32

TECHNICIAN, GR21 (T103) Avian & Aquatic Animal Medicine-repost
Assist in development & maint. of hybridoma cultures for producing monoclonal antibodies. Conduct ELISA & serological tests. Prepare & maintain cell cultures. Develop diagnostic procedures for poultry & fish pathogens.
Req.: BS in bio. sci. Formal trng. in microbio.; tissue culture trng. exp. pref. Knowl. of hybridoma techniques. Send cover letter & resume to Judi Pulkinen by 6/5.

Minimum Biweekly Salary: \$512.32

TECHNICIAN, GR21 (T193) Diagnostic Laboratory
Perform microbiol. & immunolog. tests on specimens & aid in diagnosis of infections in animals & humans. Mon.-Fri., Sat. 8-12 rotational.
Req.: BS microbiol. or related field or Med. Tech. or ASCP Lic. pref., not req. 2-3 yrs. exp. Send cover letter & resume to Judi Pulkinen by 6/5.

Minimum Biweekly Salary: \$512.32

ELECTRONIC TECHNICIAN, GR22 (T198) Mann Library
Coord. microcomputer support, maintenance

& repair activities. Order & install computer hardware. Order, install, configure & upgrade software. Troubleshoot hardware & software problems. Provide consulting support in use of microcomputer hardware, software & peripheral devices.
Req.: AAS in technical field; BS pref. 1 yr. exp. in troubleshooting & support of microcomputer hardware & software req. Driver's lic. req. Send cover letter & resume to Judi Pulkinen by 6/12.

Minimum Biweekly Salary: \$539.94

NETWORK OPERATOR, GR23 (T421) Theory Center
Identify, diagnose & initiate appropriate corrective action for network problems rel. to major high-speed networks supported & monitored by Center. Assist users with access problems.
Req.: AAS or equiv. 2-3 yrs. rel. exp. with general understanding of computer networks. Exp. with UNIX & C desir. Exp. troubleshooting or repairing equip. helpful. Good org. & comm. skills. Ability to work independ. Send cover letter & resume to Judi Pulkinen by 6/5.

BIOLOGICAL TECHNICIAN (T194) Boyce Thompson Institute
Maintain large collection of insect-pathogenic fungal cultures. Prepare necessary media, accessions, maintain in vitro or in cryostorage, ship cultures. Maintain standard & computerized records; prepare routine collection corresp. & periodic reports on collection usage. Assist research in fungal systematics, cytology & development.
Req.: BS in biol. sci., microbio. or related field. Strong org. skills, close attention to detail, familiar with sterile culture techniques essential. Previous lab exp. in microbio., background in mycology, & familiar with MS-DOS or Macintosh PC's highly desir. Contact Richard Humber (607-257-2030), USDA-ARS Plant Protection Research Unit, Boyce Thompson Institute for further info. & federal employment application procedures; no civil service exam if req.

Annual equivalent salary: \$14,822

RESEARCH ASST. (T176) Boyce Thompson Institute
Conduct research in biochem. lab. Project is primarily concerned with factors involved in growth of insect pathogens on insect hosts. Techniques used: extraction & purification of proteins, polyacrylamide gel electrophoresis & participation in gene cloning strategies such as prep. of libraries of genomic DNA, isolation of mRNA & synthesis from it of cDNA, prep. of plasmids & DNA sequencing. Will use radioisotopes, prep. of media, culture nonpathogenic fungi & bacteria, use organic chemicals.
Req.: BS in bio. or related field. Prev. training & exp. in biochem., microbio., or cytology lab helpful. Contact Dr. Richard C. Staples, Boyce Thompson Institute, Cornell University, Tower Road, Ithaca, NY 14853.

Annual equivalent salary: \$13,000

Part-Time

CRT OPERATOR, GR18 (C175) Veterinary Pathology
Provide clerical support for Surgical Pathology & Necropsy Service off. Data entry on computer; process reports; retrieval; respond to in person & telephone requests. Mon., Tues., & Wed. 8 a.m.-5 p.m.
Req.: AAS in med. sec. or equiv. Min. 2 yrs. in med. sec. off. pref.; med. terminology. Accurate & med. to high speed data entry on computer (as measured by typing skill). Proven ability to act as team member in working with both public & staff. Med. typing.
Minimum full-time equivalent: \$431.43

X-RAY TECHNOLOGIST, GR20 (T197) University Health Services
Resp. for general radiography of patients incl. students, faculty & staff. Exams incl. chests, extremities, spines & skull work. Other duties such as typing reports & filing. 30 hrs. per wk. Every other weekend-Sat. during school yr. 9 a.m.-12:30 p.m.
Req.: H.S. dip. Completion of certified radiologic technologist school & possession of NYS radiologic technologist license. Recent exp. & light typing req. Send cover letter & resume to Judi Pulkinen by 6/12.

Minimum full-time equivalent: \$482.33

CIRC./RESERVE SUPERVISOR, GR20 (C199) Olin Library
Resp. for selection, training, scheduling, evaluating, & supv. students assts. (approx. 50) in Access Services Dept. Resp. for circ. operations Sunday afternoons & working at circ. desk. Sun. 1-5 p.m., Mon.-Thur. 2-6.

Req.: BA or equiv. Supervisory exp. with students desir. Circ. exp. in an academic library desir. Exp. org. & interper. skills.

Minimum full-time equivalent: \$482.33

SR. NIGHT SUPERVISOR, GR20 (C197) Olin Library
Oversee operation of circulation desk & book stacks during eve./weekend hrs.; resp. for bldg. Directs work of student assts. & supervise 2 Building Attendants. Work at circ. desk & perform or delegate such duties as filing, pulling overdue, discharging, tagging & paging. Wed., Thurs. 4-12 p.m.; Sat. 9-6 p.m.
Req.: BA or equiv. Supv. exp. desir. Strong interper. & org. skills. Public Service exp. in a lib. desir.

Minimum full-time equivalent: \$482.33

ADMINISTRATIVE AIDE, GR20 (C0615) Chemistry
Resp. for WP in dept. Word Processing Facility. Use IBM-PC & Mac & Micom 3000; train staff members in use of machines & various

software; keep records of Facility svcs.; prepare monthly billing; arrange for overflow workload staffing. P-T, M-F, 9 a.m.-1 p.m.

Req.: AAS or equiv. Heavy typing. Min. 3 yrs. exp. in WP using chemical, physics or math terms. Use of WordPerfect, Mac Write & LaTeX desir. Demonstrated exp. in prioritizing.
Minimum full-time equivalent: \$482.33

Temporary

Experienced & skilled individuals specifically interested in temporary clerical/secretarial work can contact Lauren Worsell (255-7044).

COUNSELOR (PA199) Student Services
Provide academic, personal, career counseling to undergrad. students. Assist in orientation of new students, program development for students in academic difficulty, activities for undecided students. Collaborate in developing special programs for minority students. Provide assistance in financial aid selection. General counseling & advising duties. Until 11/30/87.
Req.: MS or equiv. in related field. Demonstrated effectiveness in individual & group counseling, pref. in higher ed. setting. Competence in program development, especially as it pertains to academic matters. Exp. or familiar with Hispanic or Asian populations desir. Computer knowl. helpful. Send cover letter & resume to Cynthia Smithbower by 6/12.

SUMMER FIELD WORKER (G1810) Plant Pathology
Assist in maint. of experimental plots including machine planting of potatoes, handweeding, rototilling & tractor harrowing. Set up & maintain irrigation system. Apply fungicides (opportunity to obtain Pesticide Applicator Certificate). Record daily weather data. 6/1/87-9/1/87.
Req.: Exp. in operation of farm equip.; able to lift 100 lbs. Contact Bridget McMaster, 329 Plant Science Building (255-3188).

Minimum hourly rate: \$3.50 negotiable.

COMPUTER PROGRAMMER (T185) Agric. Engineering, SBEEP
Write computer programs for Small Business Energy Efficiency Program.
Req.: Coursework in PC program applications & programming. Exp. with computer programming & PC software applications. Send cover letter & resume to Judi Pulkinen by 6/5.

SECRETARY (C184) Human Development & Family Studies
Provide sec. support to program & admin. staff of Family Life Devel. Ctr. Maintain symposia registration, input format & revise manuscripts on computer-based wp system. Provide phone coverage & other clerical duties as assigned. Full-time until 8/31/87.

Req.: H.S. dip. or equiv. sec. school desir. Sec. off. exp. Exc. command of grammar & spelling. Strong comm. skills (oral & written). Macintosh exp. highly desir. Able to work independ. in complex, active enviro. Please call Laurie Worsell at 255-7044

SUMMER CUSTODIANS (G128) Residence Life

Provide general care & maint. of res. halls & grounds in immediate vicinity of assigned area. May-Aug.; 39 hrs. per wk.

Req.: Able to operate a variety of heavy power equip., lift 50 lbs. & climb an 8 foot ladder. Basic reading & writing skills. Pay: \$3.50/hr., room provided, cash bonus based on svcs. Apply at Staffing Services, East Hill Plaza; Mon.-Thurs. 9 a.m.-12 noon or call 273-1179.

Academic

MOLECULAR VIROLOGIST (A191) Microbiology, Immunology & Parasitology

Send curriculum vitae & names of 3 references to Dr. Roger J. Avery, Chairman, Dept. of Microbiology, Immunology & Parasitology, NYS College of Veterinary Medicine, Schurman Hall, Cornell University, Ithaca, NY 14853-6401 by 6/30. Phone, 607-253-3400.

TENURE TRACK FACULTY POSITION (A192) Avian & Aquatic Medicine-Fish Pathology

Send curriculum vitae, personal bibliography & references by 8/1 to Dr. Paul R. Bowser, Search Committee Chairman, Avian & Aquatic Medicine, NYS College of Veterinary Medicine, Cornell University, Ithaca, NY 14853-6401.

CIRCULATION/RESERVE LIBRARIAN (A193) Uris Undergraduate Library

Send cover letter, resume & list of 3 references to Carolyn A. Pytila, Personnel Director, 201 Olin Library, Cornell University Libraries, Ithaca, NY 14853-5301.



Laxers fall one goal short in NCAA title game

The scoreboard clock told the story of the game: Johns Hopkins 11, Cornell 10. But the scene on the sidelines and in the stands told the story of the season.

On the sidelines, there were tears. The Big Red has won 13 straight games, but fell just one goal short in its quest for a national championship. For the 11 seniors on the squad, there would be no more games and for a brief moment, their thoughts shifted from the success of 13 wins and an Ivy league title to thoughts of disappointment in not bringing home the brass ring.

In the stands though, a thunderous delegation of Cornellians continued to applaud, first congratulating the victorious Blue Jays, then saluting their Big Red.

To them, there was sadness for the team . . . but a great deal more pride for their accomplishments during the season. The cheer rang out among the 17,077 at Rutgers Stadium: C-O-R-N-E-L-L. CORNELL. The crowd waved to the team . . . the team responded. Maybe then the team realized: It wasn't a lost season . . . just a lost game.

The weekend began with a rematch against arch-rival Syracuse. The Orangemen had reeled off five straight wins since their 19-6 loss to Cornell on April 11. And Syracuse gained the early momentum, scoring twice in the first two minutes for a 2-0 lead.

This was to be a game of streaks, a game that resembled two fighters, seemingly down and out, but continuing to battle back. Cornell struck back at SU with four goals, but the Orange answered with four goals, but the Orange answered with four of its own. The Red reeled off five tallies, Syracuse two. And at halftime, Cornell held onto the most precarious of leads at 9-8.

The two teams traded punches until, with 4:53 remaining, the score was knotted at 15. Enter John Wurzbarger. The 5-foot-6 junior, who had not had an assist in his three Cornell seasons, picked the perfect time for assist No. 1 as he fed Paul Kuehner who scored to put the Red in front to stay. Two more scores gave the Big Red a hard-earned 18-15 victory over the Orange. Wurzbarger had five goals to go along with his most important assist, while

Tim Goldstein had two goals and five assists. The date was set with Johns Hopkins.

In basketball, it's the Boston Celtics, in baseball, the New York Yankees. In lacrosse, the name synonymous with the sport is Johns Hopkins. The Baltimore school entered the clash fresh from a 13-8 upset of No. 1 ranked Maryland and was looking for its seventh NCAA title.

The Red got a couple of goals from Goldstein and Bob Cummings to take an early 2-1 lead over the Jays, but Hopkins stormed back to take a 7-4 lead at intermission.

And when Craig Bubier scored his second and third goals of the afternoon in the first three minutes of the second half, things looked bleak for Cornell.

Then the Red reached down for something extra, and showed the heart of a champion. Wurzbarger scored twice on feeds from Goldstein, and freshmen Vince Angotti and Mike Cummings also tallied to tie the score at 9-9 after three periods of play.

With 12:49 left, Hopkins scored on an

extra-man situation to take a gone-goal leecad, but Tim Mulligan scored off an assist from Steve Long and for the fourth time in the contest, the score was tied, this time at 10-10.

In the next four minutes, Cornell goaltender Paul Schimoler and Johns Hopkins' netminder Quint Kessenich each made outstanding saves to keep the score tied.

But Schimoler, who was called upon to make 15 saves on the day, could not come up with No. 16 as Bubier beat him with 1:51 left to put the Jays in front 11-10.

The Big Red could not get the equalizer, though, and saw its dream for national title No. 4 come to an end.

Goldstein was named the tournament's most valuable player after picking up two goals and six assists against Hopkins for a three-game total of 9-16 for 25 points. He was named to the all-tournament team along with midfielders Vince Angotti and Bob Cummings, and defenseman Aaron Jones. Goldstein's 16 assists set an NCAA tournament record and his 25 points tied the NCAA record.

— Steve Ulrich

Four in family of 11 follow their parents to Cornell

Four siblings are studying where their parents did more than 30 years ago — here at Cornell. And, not so long ago, seven of Michael and Elizabeth Browne's 11 children were in college at the same time.

The Cornellians — Dorothy, Joe, Mary and Mike — all have found a home in the College of Agriculture and Life Sciences.

"I know of no other family that has had four children in our college all at the same time," says David L. Call, dean of the College of Agriculture and Life Sciences, although he pointed out that his family sent six children to Cornell's agriculture college.

Two of the four Browne children — Mary and Mike — graduate this weekend.

Mary, 22, who will earn a degree in agricultural economics, also is the second all-time high scorer for the Women's Basketball Team. She led the team in total scoring this year with more than 1,000 points. After graduation, Mary will be in Ireland to try her luck with the Irish Basketball Association.

Mike, 23, the other senior, will graduate with a degree in landscape architecture. He recently received an award for academic achievement from the upstate chapter of the Society of Landscape Architects. He is now job hunting in the New York City and Boston areas for work in exterior planning.

Dorothy, 20, is a junior in the college's general studies program. Like her brothers and sister, she has a busy schedule. To help with college expenses, she has held jobs in the Department of Agricultural Engineering and the Copy Center at Willard Straight Hall. She and her sister Mary live in a 10-person apartment just outside of College town.

"The four of us often get together for dinner or to see each other," she said. "When you're used to having so many people around the house, it's nice to have them around school, too."

Joe, 19, the youngest of the Brownes' four Cornellians, is a freshman in agricultural engineering and holds an Army ROTC scholarship. For fun this semester, he joined the technical staff of the student-run radio station, WVBR-FM, with hopes of becoming a disc jockey.

All four claim that choosing Cornell had nothing to do with their parents or their siblings being here. Each was accepted at other schools, but chose Cornell "because it had something unique to offer academically," Mary said.

Their parents, Michael and Elizabeth Browne, met while undergraduates at Cornell. He received a bachelor of science degree in 1955 and a masters degree in business administration the following year. He



SISTERS AND BROTHERS: Dean David L. Call of the College of Agriculture and Life Sciences with four members of the Browne family — Dorothy, Joe, Mike and Mary — all current Cornell students.

is a vice president of a wholesale distributing company. She received a bachelor of science degree in 1952. Their home is in Cleveland.

According to Mary, her parents finally can breathe a sigh of relief because "there's only one of us left to send off to college."

— James A. Mazza

Undergraduates, former students receive national awards

Competing against more than 50 other Cornell students, and then 2,000 students nationwide, Nicole Tingus, a sophomore in the School of Industrial and Labor Relations, has been awarded a Harry S. Truman Presidential Scholar Award. Some 106 Truman Scholars were named this year, approximately two from each state in the union.

The Truman Scholarship Foundation, honoring America's 33rd president, awards scholarships to sophomores who have demonstrated "exemplary academic achievement and possess potential for leadership in government and related public service areas."

The scholarship covers student expenses up to a maximum of \$6,500 annually for up to four years of study.

As one of 200 semi-finalists, Tingus was interviewed by a regional review panel of five professionals and academics in government and public service. After that review, the Board of Trustees for the Truman Scholarship selected her as one of New York's four scholarship finalists.

A resident of Port Jervis, N.Y., she attended Skidmore College for one year before transferring to ILR. In addition to her scholastic pursuits, she is also a student of ballet and of music, both piano and voice.

The 1987 Truman Scholar Awards ceremony where held at the Rose Garden of the White House in Washington, D.C. on

May 10.

Wilson National Fellowships

Three students from Cornell were among the 122 Mellon Fellows in the Humanities chosen this year by the Woodrow Wilson National Fellowship Foundation for their outstanding critical and creative abilities. All will begin graduate study in the fall.

Susan M. Marren, Eric Anthony Mueggler and Curtis Alan Perry were selected from among the 1,722 candidates nominated by faculty members in the United States and Canada.

The Mellon Fellowships were established in 1982 to counter the trend of the past decade and more that has seen many able college graduates turning away from careers in higher education.

The awards include a cash stipend of \$9,750 and cover tuition and fees. They can be renewed a second year, and Fellows in a position to earn a Ph.D. within five years may qualify for support in the final year.

Science Foundation Fellowships

And 18 undergraduates and former students are among the 550 college students who have been awarded graduate study fellowships from the National Science Foundation.

The students, who competed nationally with nearly 4,370 others, will receive a stipend of \$12,300 per year for graduate study in the natural and social sciences, mathematics or engineering. The fellowships are

awarded for three years of study.

The following students received fellowships:

Kevin John Biolsi '86, College of Arts and Sciences, experimental psychology;
Edward Michael Blumenthal, '87, College of Arts and Sciences, neuroscience;
Margaret Elizabeth Bolce '86, College of Arts and Sciences, molecular biology;
Mark David Doyle, '87, College of Engineering, theoretical physics;
Sanjay Ghemawat, '87, College of Arts and Sciences, computer science;
Caroline Emmarcse Goutte '85, College of Arts and Sciences, molecular biology;
Karen Maria Lado, '87, College of Arts and Sciences, genetics;
Melanie Lewis '86, College of Arts and Sciences, computer science;
Terry June Linsey, '87, College of Engi-

neering, electrical engineering;

Susan Marie Lord, '87, College of Engineering, electrical engineering;

Ruth Marie Petzold, '87, College of Agriculture and Life Sciences, genetics;

John Milton Roberts Jr., Graduate School, sociology;

Janet Kay Rosenthal, '87, College of Arts and Sciences, molecular biology;

Eric L. Shirley, '87, School of Applied and Engineering Physics, solid state physics;

Bruce Eric Young '85, College of Arts and Sciences, ecology;

Francesmary Medugno, '87, College of Arts and Sciences, computer science;

Karen Irene Winey '85, College of Engineering, chemical engineering.

David MacMullen Wooton, '87, College of Engineering, mechanical engineering.

