Poultry Specialist Sees Bumper Crop of Turkeys

With a bumper turkey crop expected this year, a more than adequate supply of gobblers of all sizes will be available to grace holiday dinner tables across the land, says a Cornell poultry specialist.

For budget-conscious consumers, turkeys will be a bargain item again, with retail prices expected to be no higher than a year ago. Meanwhile, the quality of this tradition-rich holiday bird is as good as every year.

This cheery news comes from Dan Cunningham, an assistant professor of poultry science in the State College of Agriculture and Life Sciences. Cunningham reports that this year’s turkey crop is expected to hit the 168 million mark, up four million from last year’s harvest.

“The result,” he points out, “is an abundant supply of turkeys for the coming Thanksgiving and Christmas holidays.” Heavy breed turkeys are expected to total 163 million, up four percent from the 1982 crop of 156 million; the estimate for light breeds is 5.91 million, down 28 percent from 1982.

Prices at retail outlets will range from 60 to 80 cents per pound, according to Cunningham.

Unlike its Plymouth Rock predecessor, the modern gobbler comes in a variety of sizes, from light-weight fryer-roasters weighing only 4 to 9 pounds, to heavy breeds topping 20 pounds or more.

Turkey production in the United States has climbed over the years, and per capita consumption has been growing steadily, too. It is now about 10.5 pounds per person. Back in the 1940s, each American ate only two pounds of turkey a year.

North Carolina leads the nation in turkey production with 28.8 million birds being raised this year, followed closely by Minnesota with 26.6 million, and California with more than 20 million.

New York State is expected to produce 538,000 turkeys this year, 30 percent above last year’s production, according to New York State Crop Reporting Service.

With about half the nation’s annual turkey crop consumed during the holiday seasons each year, the turkey still holds the undisputed title of America’s unique holiday bird.

Biotechnology Program to Be Focus of Symposium

University-Industry Relations Explored in Two-Day Event

“Perspectives on Biotechnology: Academia-Industry” will be the theme for a two-day symposium, sponsored by the Biotechnology Program here on Dec. 6 and 7 in the West Lounge of the Statler Inn. The symposium is open to the general public at no charge.

Beginning at 9 a.m. Tuesday, Dec. 6, Cornell Vice President for Research and Advanced Studies Robert Barker will chair a session about general perspectives. The director of the Cornell Biotechnology Program, Professor of Chemistry Gordon G. Hammes, will provide an overview of the interdisciplinary program, which is supported by the New York State Science and Technology Foundation and by a consortium of industries including Eastman Kodak, General Foods and Union Carbide.

At 9:30 a.m. the same day, Professor of Biochemistry, Molecular and Cell Biology Joseph Calvo will speak on “Molecular Genetics.” Associate Professor of Chemical Engineering Michael Schuler will discuss “Cell Production” at 10:30 a.m., and Geoffrey W.G. Sharp, director of the Division of Biological Sciences, will speak on “Cell Biology” at 11:10 a.m.

Professor of Plant Pathology Milton Zaitlin will be the chairman for a session on research at Cornell, beginning with a presentation at 1:30 p.m. Tuesday, Dec. 6, on “Inducible Vector Systems for Expressing Genes in Animal Cells” by John Lis, assistant professor of biochemistry, molecular and cell biology. Professor of Physiology William Hansel will follow at 2 p.m. with a discussion on “The Use of Specific Monoclonal Antibodies to Characterize the Origin, Structure and Function of the Corpus Luteum.”

“Crown Gall Tumor Disease and Biotechnology” will be the topic for Assistant Professor of Plant Biology Robert Turgeon at 2:30 p.m. Tuesday. Assistant Professor of Chemistry Barbara Baird will speak on “The IgE-Receptor Complex: Structure and Cell Surface Interactions of an Immunoreceptor” at 3 p.m.

Chairman for the session on industrial perspectives, beginning at 9 a.m. Wednesday, Dec. 7, will be Biotechnology Program Director Hammes. Topics for that session, which will continue through the morning, include “Enzymes Used in the Kodak Ektachem Analyzer,” “Corporate Interests in Biotechnology” and “An Industrial Viewpoint on Biotechnology.” Research in the Biotechnology Program is focused on the molecular aspects of genetics and cell biology, with application to plants, animals and cell production.
New Program Here Aids Adoption of ‘Special Needs’ Children

The university’s Family Life Development Center has received a federal grant to establish a program to aid in the adoption of “special needs” children. To be known as “One Company, One Kid,” this program will involve public and private agencies and corporations which will help employee families adopt children who have been placed in the foster care system several years, are older or members of a sibling group, are of mixed parental heritage or who have emotional or developmental disabilities.

Funding in the amount of $191,000 over two years was announced on Nov. 7 by Jerome M. Ziegler, Dean of the New York State College of Human Ecology at Cornell, and Bernard M. Kilburn, director of the regional office of the U.S. Department of Health and Human Services.

Commenting on the program, Ziegler noted that in New York City alone there are nearly 5,000 children waiting for adoption, most of them special needs children. “For every year that one such child goes unadopted,” Ziegler said, “our society pays a price. Last year, it was estimated that one such child waiting for adoption cost approximately $50,000 in lost productivity.”

“Two out of five children in the foster care system never reach their full potential,” Ziegler said. “The ‘special needs’ children are those who are likely to require the most care and attention.”

“One Company, One Kid” is modeled after, “One Church, One Child,” a Chicago-based program that encourages churches and their congregations to commit themselves to seeing that special needs children are adopted.

In addition, over the last several years, more and more companies have been including adoption reimbursements in their employee benefits packages. Among them are IBM, Xerox, Time Inc., Pfizer, Inc., Merck, Worldwide, Hallmark Cards, Proctor and Gamble, Control Data, and Foot, Cone and Belding.

Building on these developments, “One Company, One Kid” will create an extended partnership of corporations and major business operations with public and private adoption agencies, voluntary organizations, and advocacy groups to find homes for school-age Hispanic and African-American, younger Caucasian children, children with developmental disabilities and others with special needs.

Directing the project will be Abdul-Rahman, an adoption specialist for the Family Life Development Center in the College of Human Ecology. Muhammad and his wife themselves have adopted four special needs children. He serves on the board of directors of the North American Council on Adoptable Children and maintains contact with adoption agencies and parent organizations throughout the metropolitan New York City area and elsewhere.

Muhammad and Ziegler say that in special needs adoption, neither the corporate nor the public sector can go it alone, thus “One Company, One Kid” offers a program that addresses the complex problems of such adoptions.

Pot Shop: Messing, Creatively, with Clay

In the basement of Willard Straight Hall there’s a place where Cornellians and Ithacans go to relax, share ideas and contemplate the meaning of life—among other things. The place is “The Pot Shop.” Yes, it does sound like a description of what a west coast alumnus feared when he heard the name. No, it’s not a marijuana outlet, as he was informed.

The Pot Shop, officially known as the Willard Straight Hall Pottery Studio, is where men and women of all ages and abilities go to make pottery or, in the words of Jennifer Van Alstine, “just plain mess with clay.”

Van Alstine, a professional potter who teaches classes and manages the Pot Shop, feels one of the unique qualities of the studio is the fact that it’s designed to serve both the beginner and the experienced potter. “The studio is a sharing ground for the potters,” she said. “We have people who are just beginning to learn to ‘throw’ (or make) a pot and we have the more experienced potters all using the studio at the same time.”

The “old hands” are always willing to help the newcomers with everything from suggestions to providing moral support, according to Van Alstine.

Cold weather chills the body and also ushers in a time of greater fire danger. Before you reset the thermostat, connect a space heater, or begin using a fireplace in search of warmth, consider the following (derived from conversations with local fire, building and safety officials):

1. If you haven’t used the fireplace before, check with the landlord for directions regarding its safe use. In addition, check to see how long it has been since the fireplace chimney and flue were last inspected and cleaned. This inspection and cleaning should be done annually and at least once during the heating season.
2. Do not start your fireplace with flammable liquids. Do not use them if the wiring in your dwelling is old, worn or frayed. Do not leave space heaters unattended and unplug them when they are not in use. In addition, be sure to read the directions prior to installation and check for an Underwriter's label. 5. Keep combustible materials (e.g. flammable liquids, overheated clothing) well away from fireplaces, space heaters, heating vents, and furnaces. Avoid hanging objects (e.g. articles of clothing) over sources of heat in order to dry them out.

In addition, kerosene heaters are not permitted in residential properties within the Ithaca City limits.

If you feel a fire hazard exists in your dwelling, contact the City Building Department at 272-1713, ext. 224, or the City Fire Department at 272-1234 for further information and advice. In case of a fire emergency call 273-8000.

Have a safe and enjoyable Thanksgiving break!
The Week in Cornell Sports

Fall Season in Fadeout This Weekend

The Big Red men’s hockey team opens up its 1983-84 regular season this Saturday when Wilfrid Laurier University of Canada plays at Lynah Rink at 7:30 p.m. The hockey game is one of four sports events on campus this weekend. The men’s and women’s polo teams will be at home on Friday and Saturday, respectively, while the men’s and women’s gymnastics squads will hold their annual exhibition at 7:30 p.m. Friday in Teagle Hall.

The fall season will officially come to a close Saturday as the Big Red Varsity football team and men’s soccer team both travel to Princeton. The soccer game is slated for 10:30 a.m. Saturday, while the football contest will be played at 1 p.m.

The Cornell men’s hockey team has warmed up for Saturday’s opener with Wilfrid Laurier by playing two exhibitions: the annual Red-White game on Nov. 5, and a contest with the U.S. Olympic team in Buffalo this past weekend. The Big Red is eager to get the season under way, and it is expected to improve upon last year’s 13-0-3 overall record.

Added experiences should be a benefit for the Red in 1983-84. Twenty players from last year return, of those players are sophomores who received their first year of collegiate hockey experience last season. The Red will feature last winter’s leading scorer, junior center Gary Cullen (12-21-3). He will be joined by sophomore wing Duane Moeser (17-17-34), the top training goal scorer; senior wing Geoff Devlin (12-11-23); and sophomore wing Peter Natschak (12-7-19).

Three-year regular Terry Gage returns to anchor the defense, and he’ll be joined by two-year performers Dave Grbic, Mike Forfeil and Lou Carnevale. Sophomores Steve Inglehart and Mike Schafer also return, while several freshmen will also be counted on. The only void left by graduation was that of All-American Darren Eliot who was formerly the team’s top scorer. The starting position is still up for grabs, but freshman Don Fawcell looks to have the inside track on the starting job for the Big Red.

Last year, Cornell also opened its season by playing Wilfrid Laurier at home. The Big Red swept a two-game series, winning by scores of 7-1 and 6-3. Reserved seat tickets are still available for Saturday’s game by calling the athletic ticket office in the Grumman Squash Courts.

The Big Red football team now has a two-game winning streak after last Saturday’s 31-6 victory over Columbia in its home finale. Senior tailback Derrick Harmon made his last appearance on Schoellkopf Field a memorable one as he rushed for a field goal three scores.

Senior narrowback Tony Oxley Polo Club in the third annual Challenge Cup match. Freshman Juan Pablo Bayona had five goals in that game, while senior Tony Oquendo and junior Mike Simpson each had three scores.

Sagan to Be Panelist After ‘The Day After’

Carl Sagan, the professor of astronomy and space sciences who has become a spokesman for scientists concerned with the growing war with the Soviets, has not won at Princeton since 1972, and the Tigers have won the last two games in the series. Cornell is currently 2-6-1 overall and 2-1-1 in the Ivy League. A good effort place in the standings and just a half-game behind Princeton (3-3-6 in the league and 4-5 overall). Saturday’s game can be heard on WHCU (AM 87X, starting at 12:35 p.m.)

The men’s soccer team takes on a Princeton squad that is 3-3 in the Ivy League and 7-6 overall. The Tigers defeated Yale this past Saturday, 2-0. Cornell is coming off a 1-0 loss to Columbia, the only undefeated and untied team in the country. The Big Red is now 7-3-4 overall, a complete

Assembly Asks Sex Orientation Reaffirmation

The University Assembly at its meeting last Thursday passed a resolution recommending that the university reaffirm the 1978 Board of Trustees’ policy of equal educational and employment opportunity, particularly as it relates to sexual orientation. A similar resolution was passed by the Employee Assembly at its Sept. 21 meeting.

The resolution, as passed by a 11-4 vote, reads as follows:

‘The University Assembly abhors discrimination of any form and actively supports equality of educational and employment opportunity for all Cornell University faculty, employees and students regardless of race, color, creed, religion, sex, sexual orientation, national or ethnic origin, age or handicap.

‘The University Assembly recommends that:

1. Cornell University Administrators require strict compliance with Cornell University’s policy of equal educational and employment opportunity including the section relating to sexual orientation.

2. Cornell University Administrators make every effort to identify and eliminate any and all forms of discrimination from the classroom and the workplace including discrimination on the basis of sexual orientation.

3. Cornell University Administrators publicly affirm the University’s commitment to its ‘policy of equal educational employment opportunity’ including the section relating to sexual orientation.’

‘The University Assembly rejects the notion that there is arguable cause for discrimination on any kind including discrimination on the basis of individual performance rather than any personal convictions, appearance, preferences (including sexual orientation), or happenstance of birth.

‘The University Assembly also requests that the university have an office of equal opportunity, the Ombudsman and University Personnel Services to investigate all claims of alleged discrimination on the basis of individual performance rather than any personal convictions, appearance, preferences (including sexual orientation), or happenstance of birth.

‘The University Assembly also requests that the university have an office of equal opportunity, the Ombudsman and University Personnel Services to investigate all claims of alleged discrimination on the basis of individual performance rather than any personal convictions, appearance, preferences (including sexual orientation), or happenstance of birth.’
Please Note: Job Opportunities is a publication of University Personnel Services and is distributed each Thursday through the Cornell Chronicle. Applications for employment can be submitted through the mail. Application forms are available by the posted Job Opportunities listing in Day Hall. For more information on jobs listed, contact Staffing Services, 130 Day Hall, (607) 255-5258.

Thanksgiving Holiday Schedule
Due to the Thanksgiving Holiday, the last Job Opportunities listing for November is being published today. Requisitions received after noon Friday, November 11, through Wednesday, November 16, will be posted in the Thursday, Dec. 1, issue.

Administrative/Professional

*Position: Manager of Electronic Services
Department: Laboratory of Nuclear Studies
Description: Management, direct the efforts of electronics technicians as a support group for research activities at a high energy physics laboratory. Coordinate/ supervise installation and operation of electronic research hardware. Provide technical assistance for construction, troubleshooting, and repair of advanced hardware.
Requirements: Bachelor's degree or equivalent in electrical engineering with a specialization in electronic circuit design. Previous supervisory or administrative experience.
Hiring Range: $15,500-$28,500
Job Number: P461

*Position: Applications Programmer II
Department: Laboratory of Nuclear Studies
Description: Develop, install, and maintain programs for control and monitoring of a high energy particle accelerator/storage ring.
Requirements: Bachelor's degree in physical sciences or engineering or equivalent educational and work experience. Substantial background in FORTRAN programming and a basic understanding of digital electronics and interface bus operation. Specialization toward physics desired.
Hiring Range: $12,000-$20,700
Job Number: P452

*Position: Radio News Reporter, U000
Department: WHCU Radio
Description: Gather, report, write and rewrite news stories for radio broadcasting.
Requirements: H.S. education or equivalent, some course work in communication desirable. Driver's license required. Some on-the-air experience, preferably in news reporting, required. News copy writing and reading experience desirable. Must have own car. Live audition required.
Hiring Range: $12,500-$20,700
Job Number: P453

*Position: Physicians, U000
Department: University Health Services
Description: Internist, Patient population community medicine, faculty and student care.
Requirements: M.D., Board certified or eligible.
Job Number: P465

*Position: Systems Programmer II
Department: Computer Science
Description: Provide software maintenance and development support for the Computer Science department's research computing facility.
Requirements: Bachelor's degree or equivalent in computer science or engineering. Experience in software system maintenance and development. Experience with UNIX operating system and the C programming language desirable. Some training in computer science desirable.
Hiring Range: $15,500-$28,500
Job Number: P461

*Position: Research Support Specialist III (Reprint)
Department: Veterinary Microbiology - James A. Baker Institute for Animal Health
Description: Provide a cell and particle separation and analysis service for University faculty: maintain the laboratory equipment in proper working order; schedule users of facility; train faculty and students in use of laboratory equipment. Develop new applications of flow cytometry in collaboration with users.
Requirements: Bachelor's degree or equivalent in electrical engineering or computer science. Some experience in electronics repair, instrument operation and maintenance as well as basic computer programming. Background in biology and familiarity with optics desirable. Some electronics maintenance or experience with laser and computer-based instrumentation.
Hiring Range: $15,500-$28,500
Job Number: P471

*Position: Director of Public Affairs, College of Arts and Sciences (Reprint)
Department: Arts and Sciences Public Affairs
Description: Plan and direct public affairs programs in support of the educational goal of the College under direction of the Dean of Arts and Sciences and the Director of Public Affairs, Academic Units. Develop and implement funding programs for College. Coordinate projects with Dean, Faculty and Public Affairs staff. Supervise two professionals and one clerical staff person.
Requirements: Bachelor's degree or equivalent. Master's degree or equivalent preferred. Some experience in public affairs or related area in higher education.
Hiring Range: $15,500-$28,500
Job Number: P475

*Position: Coordinator, High School Student Programs
Department: Division of Summer Session, Extramural Courses and Related Programs
Description: Responsible for the planning, development and execution of Cornell College and Extension units. Involvement to Architecture and Freshman Summer-Start Programs including 850 students.
Requirements: Bachelor's degree or equivalent. Master's degree in higher education administration preferred. Some experience in marketing (including post-secondary admissions), program administration, academic program development, counseling. Hiring Range: $15,000-$20,700
Job Number: P452

Position: Research Support Specialist II
Department: Food Science & Technology, Geneva, NY
Description: Responsible for satisfactory completion of assigned research projects and operation of assigned analytical facilities. Supervise temporary summer students or permanent lab technicians when requested by faculty in charge; research includes independently the methods of analysis for toxic substances, emphasis on chromographic instrumentation, independent physical chemistry analysis of pesticides or other toxicants in various plant, animal or environmental matrices; investigate and solve analytical chemical problems arising in analysis of official feed, fertilizer or environmental samples.
Requirements: Bachelor's degree or equivalent in chemistry. Master's degree or equivalent preferred. Some experience in analytical chemistry and instrumental analysis.
Hiring Range: $15,000-$20,700
Job Number: P453

Position: Systems Analyst II
Department: Education
Description: Perform systems development in design and development of PC software, including selection of software packages and modification of existing programs and development of new programs for instructional packages, program documentation and preparation of student study guides: supervise part-time student programmers. Develop programs and documentation for IBM personal microcomputers dealing with biology laboratory simulations.
Requirements: Bachelor's degree or equivalent in biology. Master's degree or equivalent preferred. Course work in computer science. Programming ability in Pascal, IBM PC as well as familiarity with systems development and documentation.
Hiring Range: $15,000-$20,700
Job Number: P454

Position: Acquisition Editor
Department: University Press
Description: Acquire scholarly titles in scientific disciplines, primarily in the biological sciences.
Requirements: Bachelor's degree or equivalent and publishing experience or Ph.D. and teaching experience. Several years of acquisitions experience in college textbooks and/or scholarly publishing or a Ph.D. in a scientific discipline and teaching experience.
Job Number: P455

Clerical

All applicants interested in positions requiring typing must take an official university test. Tests are given Mondays and Wednesdays at 8:10 a.m., Room 337, Statler Hall. Please contact Staffing Services for an appointment.

Employee Transfer Applications: Employees who wish to transfer to other jobs within the University should complete a separate Employee Transfer Application form for each position and submit them to Staffing Services. Individuals with official University payroll status will be given preference in referrals.

In response to the Employee Survey, individual copies of Job Opportunities will be available for all employees; complete copies will be distributed Thursday of each week in the Chronicle. Consequently, the list will no longer be published in its previous form.

This listing is also available on CUINFC, Cornell University's computerized information service, along with campus bus, movie, dining facility and library schedules. Each regular Cornell employee is entitled to a free computer account. For further CUINFC details, contact the Information Referral Center at 256-6200 or Computer Services.

Selected job announcements are broadcast on Channel 13 television each Sunday at 9:30 a.m. and 7:15 p.m. and each Friday at 11 a.m. and 5:15 p.m.

New vacancies are listed for two weeks in Job Opportunities.

*Asterisks identify jobs that were not listed last week.

Full-time positions are 39 hours per week unless otherwise indicated. Jobs listed as SO, U1 and U2 are represented by bargaining units.

Job Number: P461

*Position: Secretary to Program Director, IBM
Department: Student Employment/Financial Aid
Description: Provide secretarial support for the Program Director. Maintain office budget; arrange staff travel, direct workload of other support staff and student employees; purchase office supplies; maintain staff personnel records; assist Program Director in preparation of report on College Work Study and Cornell Tradition.
Requirements: Associate's degree or equivalent. Heavy typing. Extensive secretarial experience, preferably in administrative. Strong organizational, interpersonal and communication (written and oral) skills.
Hiring Range: $11,180-$13,900
Job Number: C461

*Position: Administrative Aide, GR19
Department: Agricultural Engineering
Description: Responsible for preparation of monthly budget summaries and progress reports associated with a large government-sponsored research grant. Edit reports and papers prepared by the members of the research team. Type correspondence, small-scale reports and teaching materials.
Requirements: Associate's degree or equivalent. Medium typing. Experience in budgeting and editing. Strong interpersonal and communication (written and oral) skills. Knowledge of computer applications.
Hiring Range: $10,592-$12,852
Job Number: C462

*Position: Secretary, GR19
Department: Payroll Statutory Business Office
Description: Duties include typing, filing, answering telephone, preparing payroll, processing reimbursements. Other duties as assigned.
Requirements: Associate's degree or equivalent. Medium typing. Some secretarial, accounting experience. Strong organizational, interpersonal and communication (written and oral) skills.
Hiring Range: $10,592-$12,852
Job Number: C463

*Position: Accounts Assistant, GR18
Department: International Agriculture
Description: Process requisitions and vouchers. Keep participant records; reconcile accounts statements; develop accounts reports; make project purchases, handle overseas and domestic travel arrangements; other duties as assigned and general office support when needed.
Hiring Range: $8,090.00 a month. 8:00 a.m. - 4:00 p.m., Mondays through Thursdays; 8:00 a.m. - 4:00 p.m., Fridays
Hiring Range: $10,000-$12,163
Job Number: C464
**Position: Office Assistant, GR16**
Department: Graduate School of Management
Description: Provide secretarial support for the Director of Special Projects. Duties include typing correspondence; answering telephone; handling travel arrangements; recording and cabling memorial and honorary gifts. Other duties as assigned.
Requirements: H.S. education or equivalent. Business or secretarial school preferred. Med- ium typing. Some secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Ability to handle confidential material with discretion essential.
Hiring Range: $10,000-$12,163
Job Number: C456

**Position: Secretary, GR18 (Repeat)**
Department: University Development
Description: Provide secretarial support for the Director of Special Projects. Duties include typing correspondence; answering telephone; handling travel arrangements; recording and mailing memorial and honorary gifts. Other duties as assigned.
Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of Xerox 9200 and 310 helpful.
Hiring Range: $9,040-$10,881
Job Number: C454

**Position: Secretariat, GR18**
Department: Residence Life - West Campus
Description: Duties include typing correspon- dence, maintaining statistical typing answering telephone; filing; assisting students. Requirements: H.S. education or equivalent. Business or secretarial school preferred or equivalent experience. Some secretarial experience preferred. Strong electrical and mechanical background. Business or secretarial school preferred or equivalent experience. Some secretarial experience preferred. Excellent organizational, interpersonal and communication (written and oral) skills. Knowledge of Xerox machine, microcomputer, ditto machine and calculator helpful.
Hiring Range: $12,412
Job Number: C455

**Position: Office Assistant, GR18**
Department: Campus Store
Description: Duties include typing, filing, oper- ating CRT and Telex; taking orders for books from faculty; working with invoices and book returns; dealing with vendors 9:30 a.m. - 5:00 p.m. Monday - Friday; 10:00 a.m. - 3:00 p.m. every third Saturday.
Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Excellent organizational, interpersonal and communication skills.
Hiring Range: $10,000-$12,163
Job Number: C456

**Position: Office Assistant, GR18**
Department: Human Services Department
Description: Provide secretarial support in administrative activities including coordinating staff meetings; compiling report statistics; drafting, typing and sending memos to staff; keeping records of in-service training partici- pants. Requirements: H.S. education or equivalent. Business or secretarial school preferred. Medium typing. Some secretarial experience. Strong organizational, interpersonal and communication skills.
Hiring Range: $10,000-$12,163
Job Number: C456

**Position: Records Assistant, GR18**
Department: University Libraries
Description: Provide clerical support in the Catalog Maintenance Section of the Catalog Department. File and type cards; input bibliographic data; maintain OneCard files. Requirements: H.S. education or equivalent. Medium typing. Ability to do detailed work with skill. Knowledge of Library of Congress classification desirable.
Hiring Range: $9,940-$10,881
Job Number: C460

**Position: General Secretary**
Description: Assist students and parents in person, telephone or letter. Process deferred credit for sponsored students; billing sponsors; maintaining records; refunding student overpayments; other duties as assigned.
Requirements: H.S. education or equivalent. Med- ium typing. Ability to reconcile accounts. Strong in- terpersonal and organizational skills.
Hiring Range: $9,925-$11,201
Job Number: S460

**Position: Custodian, SO16 (Five Positions)**
Department: Preventive Medicine
Requirements: Asst. degree in biological sciences; some course work in microbiology and genetics.
Hiring Range: $11,180-$13,606
Job Number: T453

**Position: Accelerator Technician, GR26-28**
Department: Laboratory of Nuclear Studies
Description: Under supervision, perform tech- nical work repairing and maintaining ac- celerator components. Involved in electrical wiring, power and control wiring, mechanical fabrication including machining and welding. Requirements: Associate degree or equivalent in mechanical/electrical field. Some experience in a laboratory or shop preferred. Strong electrical and mechanical background.
Hiring Range: $11,180-$13,606
Job Number: T462

**Position: Research Aide, GR19**
Department: Food Science
Description: Assist in research project on the genetics of streptococci. Maintain stock culture collections, plan experiments and analyze data. Experience with DNA and construct bacterial strains using genetic and molecular techniques, and maintain laboratory equipment and supplies.
Requirements: Bachelor's degree or equivalent in biological sciences; some course work in basic science, preferably microbiology. Experience with handling animals, tissue embedding, photography, sectioning tissue for transmission electron microscopy and animal husbandry.
Hiring Range: $11,180-$13,606
Job Number: T454

**Position: Technician, GR21**
Department: Veterinary Pathology
Description: Assist in research project on the genetics of streptococci. Maintain stock culture collections and processing of lung specimens for histochemistry and electron microscopy. Until 7/31/85.
Requirements: Bachelor's degree or equivalent in biological sciences; some course work in basic science, preferably microbiology. Experience with handling animals, tissue embedding, photography, sectioning tissue for transmission electron microscopy and animal husbandry.
Hiring Range: $11,180-$13,606
Job Number: T455
Announcements

Oxfam America Fast

Due-Justice at Cornell is sponsoring a one-day Fast for World Harvest on Thursday, November 17. Proceeds will go to Oxfam America, a non-profit international development agency that funds self-help programs for relief assistance in Asia, Africa and Latin America. For further information call Debbie Phillips or Joe Porretto at 256-6050.

Bio. Sci. 232

Biological Sciences 232. Human Genetics, will be offered during the Spring 1984 semester. Rita Calvo will be the course instructor. Contact Room 428 Schmitz at 256-2100 for further information.

International Development Conference

A Conference on "Ethical Considerations in International Development" will be held here Friday and Saturday, Dec. 2 and 3. The keynote address will be given by Dr. Ruth F. Freeland from the University of Kansas. Dr. Donald Shively, in Hollis Cornell Auditorium. Dennis Goulet, a leading authority on Indian arts, will speak from 8 to 9 p.m. on Friday, Dec. 2, in Hollis Cornell Auditorium. Dennis Goulet, a leading authority on Indian arts, will speak from 8 to 9 p.m. on Friday, Dec. 2.

Exhibits

Olin Library

"Contributions and Challenges: Three Hundred Years of German Immigration to America (1763-1963);" also "Martin Luther 1483-1546. A Quincentenary." Hours 10 a.m.-5 p.m. through December 31.

Barbara Crane: Photographs. This exhibition of photographs by Barbara Crane, Professor of Photographic Studies at Kalamazoo College, consists of two of the artist's most recent series: "Monster Sex, Chicago Dry Docks" and "Trouble." Both series examine objects, but differ considerably in terms of sensitivity, point of view and technique. Through Nov. 27. "Prints for Purchase 1983." A sale of prints, posters and photographs carefully selected from large inventories will be held by the Herbert F. Johnson Museum. Barbara Blackwell, Associate Curator of Prints and Photographs and Associate Curator of Prints and Photographs and head of print collections, will have the works available for sale and for viewing in print. $8 to $100. Through Dec. 4. "Walking Woman Works: Michael Snow, 1961-1967. New Represenational Art and its Uses." Through Dec. 23. Museum Hours: Tuesday through Sunday, 10 a.m.-5 p.m.

Films

Unless otherwise noted films are under sponsorship of Cornell Cinema.

Thursday, Nov. 17, 12:20 p.m. 328 Uris Hall Auditorium. "State of Siege" (1973), directed by Costa-Gavras. This tense and gripping political thriller is based on the actual kidnapping of a U.S. official in Latin America several years ago. Sponsored by Committee on U.S. Latin American Relations.

Friday, Nov. 18, 8 p.m. "Anabel Taylor Auditorium. "La Strada" (1954), directed by Federico Fellini, with Giuletta Masina, Anthony Quinn. "La Strada." Sponsored by Student Travel Club.


Lectures


Friday, Nov. 18, 8 p.m. "Anabel Taylor Auditorium. "Alice in Wonderland." (1951), directed by Norman McLeod, with M. C. Escher, Ray Milland, Angela Lansbury, among others. Sponsored by Student Travel Club.

Saturday, Nov. 19, 7:30 & 8:45 p.m. Helen Newman Dance Studio. "Colony."


Tuesday, Nov. 22, 7:30 p.m. 328 Uris Hall Auditorium. "Love in the City." Featuring Kevin Dobson, Antion, N. Limited to Film Club members only.


Thursday, Nov. 24, 7:30 p.m. 328 Uris Hall Auditorium. "The Magic of Laslie." (1978), directed by Don Chaffey, with James Stewart, Alice Faye, Mickey Rooney, Lon Chaney, Jr., Affiliated with Ithaca Youth Bureau.


Saturday, Nov. 26, 8 p.m. 328 Uris Hall Auditorium. "Filmmaker Gordon Sheppard with his film: "Eliza's Horoscope." (1976), starring Elizabeth Moormain, Tommy Lee Jones, and Author, Co-sponsored by American Film Institute.

Sunday, Nov. 27, 8 p.m. "Anabel Taylor Auditorium. "Death in the Garden." (1956), directed by Luis Bunuel, with "Simon of the Desert." Limited to Film Club members only.

Tuesdays, Nov. 29, 8 p.m. Uris Hall Auditorium. "Free Cinema and Beyond" and "Crystal Gazing." Directed by Lee Goren, "Free Cinema" includes O Dreamland (1953), Momma Don't Allow (1956), K. Reisz and T. Richardson, Rough Cut and Reddy Dubbe's "Crystal Gazing." Directed by Laura Mulvey and Peter Wollen. Co-sponsored by American Film Institute.

Music

Thursday, Nov. 17, 8 p.m. in the Intramural Office, Helen Newman. Men's Surgical Orchestra will play free. No refunds after one day only. One to enter and constitutes a team. Four will constitute a team.

CONCERTS

Friday, Nov. 18, 8:15 p.m. Helen Newman Dance Studio. "Nobel Reunion Dance." Nobel Prizes are now being awarded and the Ithaca Scottish Dancers and the International Folk Dancers are once again sponsoring a Folk Dance to celebrate Cornell's Nobel Prize Winners. Square dancing, contra dancing, Balkan dancing, Scandinavian, English Scottish dancing will be included; and we hope to have to Clogging, Morris Dance and International Folk Dancing. We are interested in participating please call 257-4017.

Nov. 20, 8-11 p.m. "Anabel Taylor Edwards Room. Jitterbug Club meeting. Newcomers welcome. Beginners 9-9:30 p.m. For more information call Elizabeth Barralino 256-3006 ext. 366.

Saturday, Nov. 19, 8-30 p.m. "Anabel Taylor One World Room. A Southern Mountain Square Dance to benefit CenterSouth. Calling will be done by Beth Gruber, Ithaca Dance. There will be both full cycle of rice planting and harvesting.


Andrew Waggoner's Nightmare Dances (1983) will be performed by a trio consisting of Kathy Bergeron, flute; Ruth Berry, cello; Michael Salinari, piano. Waggoner and Daniel May will perform Dohn's Three Moods for violin and viola. The Cornell graduate composers are students of professors Karel Husa and Steven Stucky.

Symphony Orchestra in Concert
The Cornell Symphony Orchestra will give a free public concert at 4 p.m. Sunday, Nov. 20, in Bailey Hall. Under the baton of Edward Murray of the music faculty, the 80-student orchestra will play works by Beethoven, Kodaly and Dvorak.

The concert will open with Beethoven's Overture "The Consecration of the House," which the composer specifically requested be played for the opening of the Josefstadter Theatre in Vienna in 1823. Beethoven, who often referred to the piece as "an overture in the style of Handel," (who he revered), conducted the first performance on the eve of the Emperor's birthday. The orchestra will also play songs by Maroczeek, peasant dances by Kodaly which were based on Hungarian folk melodies, and Partita in A for violin by Dvorak.

Job Opportunities

**Biochemistry:** "Inhibitors of Testosterone 5-a- Reductase: A Possible Therapeutic Approach to Prostatic Carcinoma and Benign Prostatic Hypertrophy," Merck Sharp and Dohme Research Labs, 12:30 p.m. Monday, Nov. 21, 206 GOLD Hall.

**Biochemistry:** "Biochemistry of Variant Surface Glycoproteins of Trypanosoma Brucei," M.J. Turner, University of Texas at Houston, 12:30 p.m. Monday, Nov. 28, 212 Riley Hall.

**Biochemistry:** "Porphyrin Biosynthesis," George E. Palade, Yale School of Medicine, 4 p.m. Monday, Nov. 28, 204 Stocking Hall.

**Biochemistry:** "Function of Repeated DNA Sequences in E. coli," Gerald Fink, MIT, 3:30 p.m. Friday, Nov. 18, 204 Stocking Hall.

**Biochemistry:** "The Mitochondrial Granules of Testosteronetreated S. cerevisiae: A Possible Therapeutic Approach to Prostatic Carcinoma and Benign Prostatic Hypertrophy," Merck Sharp and Dohme Research Labs, 12:30 p.m. Monday, Nov. 21, 206 GOLD Hall.

**Biophysics:** "Spin-labelled Dammary: Oxygen Transport and Cellular Uptake," Professor Hyde, The Medical College of Wisconsin, 4:30 p.m. Wednesday, Nov. 30, 700 Clark Hall.

**Biophysics:** "Genetics of Rhizobium and its Effects on the Plant," Professor Parnham, University of Regenburg, W. Germany, 1:15 p.m. Thursday, Nov. 29, 205 Thurston Hall.

**Biophysics:** "Experimental Programs. Some evening and weekend hours."位置: Technical Assistant, GR15

**Biophysics:** "The Science of Combat World Hunger," Bryant Rosner, Eastman Kodak and Cyril Ponnamperuma, University of Maryland, 4:30 p.m. Friday, Nov. 18, 119 Baker. Professor Ponnamperuma will also speak on "The Origins of Life in the Universe. The Search for Extraterrestrial Life." Tuesday, Nov. 29, 145(A) Olin Hall.

**Biophysics:** "Care Unit, receive instructions for appropriate and emergency procedures, and provide shoulder, neck, and head support during water treatment.

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**Cornell Dairy Store Lists Holiday Hours**

During the Thanksgiving holiday, the Cornell Dairy Store will be open on the following schedule:
- 8 a.m. - 6 p.m. Wednesday, Nov. 23
- 8 a.m. - 4 p.m. Friday and Saturday, Nov. 25 and 26
- The Dairy Store will be closed on Thanksgiving day.

**Holiday Will Curtail Campus Bus Service**

Bus service on, to and from campus will be significantly reduced during the holiday in some cases, because of the Thanksgiving holiday.

All intra-campus service, including the AB local, the B Lot-Collegetown and Langmuir Lab runs will be suspended on Thursday, Nov. 24 and Friday, Nov. 25, according to the Office of Transportation Services.

The Blue Light Bus will suspend operation at the completion of runs on Tuesday, Nov. 22, and resume service on Monday, Nov. 28.

The East Ithaca Transit will also be suspended on Thursday, Nov. 24 and Friday, Nov. 25.

The Ithaca-Dryden Transit will provide regular daytime service on Friday, Nov. 25, including the 5:55 run, but will not operate on Thursday, Nov. 24. There also will be no night-time TOMTRAN runs on Wednesday, Thursday and Friday.

Any university employee scheduled to work during the holiday may park in any legal parking area on campus.

For further information, call the Office of Transportation Services at 256-4628.

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**Applications Are Invited For Study Abroad**

Applications for one graduate DAAD fellowship and graduate exchange scholarships to Heidelberg and Goettingen are being accepted by Professor Herbert Deinert, 188 Goldwin Smith Hall, telephone 256-3680.

The DAAD fellowship carries tuition fees and, a monthly stipend and round-trip air transportation. The graduate fellowship will enable the student to study at a West German university or to work abroad on a research project.

The graduate exchange fellowships to Heidelberg and Goettingen carry tuition and fees plus monthly stipend. Students must arrange for their own transportation.

The awards are restricted to students interested in full-time study at either university.

Applications should include project outline and/or rationale for study abroad, two letters of recommendation from professors in the student's field, local address and telephone number.

Deadline for applications for the DAAD is Monday, Nov. 28. Those for the exchange fellowships are due Monday, Dec. 12. Graduate students from all academic units of the university are invited to apply.

**Theatre Cornell Plans Open Auditions Dec. 5**

Open auditions for Theatre Cornell's spring semester productions will be held at 7:30 p.m. Monday, Dec. 5, in Willard Straight Theatre.

Plays which will be performed are student's productions of Athol Fugard's 'The Beaux' Stratagem,' Thornton Wilder's 'Our Town,' and Edward Bond's 'The Sea.' Auditions are open to all members of the Cornell community. For further information call 256-4060.

**2 from CHEMRAWN II Are Scheduled to Speak**

Bryant Rossiter, director of the Chemistry division research laboratories at Eastman Chemical Company, will be general chairman of CHEMRAWN II (Chemical Raw Materials Address World Needs), and Cyril Ponnampalam, director of the University of Maryland's Chemical Evolution and chair of the CHEMRAWN II future actions committee, will speak on "Using Science to Combat World Hunger," at 4:30 p.m. Friday, Nov. 18, in 119 Baker Lab.

**Calendar**

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**Theatre Cornell Plans Open Auditions Dec. 5**

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**Calendar**

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**Graduate Bulletin**

The deadline for completion of all requirements for a January degree is January 13, 1984.

There will be no exceptions granted. Students planning for a January degree should see their Thesis Secretary well in advance to be sure they can request a January degree that date.

There will be a new FY. Thesis fee of $60, effective January 15, 1984.

For information on graduation requirements, see the Graduate Bulletin, 205 Thurston, or call 256-2803.

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**SAGE CHAPEL**

**Rabbi Will Speak On 'Israel Agonistes'**

Rabbi Arnold Wolf, former director of the B'nai B'rith Hillel Foundation at Yale University and now Rabbi of K.A.M.-Israel - Israel Congregation in Chicago, will speak in Sage Chapel at 11 a.m. Sunday, Nov. 20. His sermon topic will be 'Israel Agonistes'.

Wolf was born in Chicago in 1924 and was educated at the University of Chicago, the University of Cincinnati, and Hebrew Union College. Rabbi Wolf served as Rabbi of Congregation Emanuel and Congregation Soleil in Chicago, and served as Chaplain in the United States Navy. He has taught at Hebrew Union College and at the College of Jewish Studies in Chicago, and was Jewish Chaplain at Yale for more than a decade.

He is contributing editor of 'Sh'ma: A Journal of Jewish Responsibility,' and publishes frequently in Moment and other journals, and lectures widely in colleges, universities, and congregations other than his own.

Music for the service will be provided by the Sage Choral Group under the direction of Donald R.M. Pater and organist and Sage Chapel chorister, Stephen May. Services are assisted by conductor and accompanist.

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**Barton Blotter**

Thefts on campus during the period Nov. 7 through Nov. 13 totaled $8,322 in loss of cash and valuables. The 19 reports included the loss of $5,000 from a dormitory, a $1,400 stereo from a room in McGraw Hall, $800 from a residence on Fall Line, and $200 from a room in McGraw Hall Parking lot.

A student was referred to the Judicial Administrator for possession of a stolen fire extinguisher and another was charged with harassment by Ithaca City Police concerning an incident on McGraw Hall.

Three wallets containing a total of $46 in cash and valuables were reported stolen and $40 in cash was taken from Teagle Hall.

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**Plant Pathology**

- Virulence Mutants of Cephalosporium graminis, L. van Werc, 4:30 p.m. Tuesday, Nov. 22, 404 Plant Science Building.
- Poomology: Vegetable Crops: "Quackgrass Biotypes," David B. Hudson, 4:30 p.m. Thursday, Nov. 24, 404 Plant Science Building.
- Poomology: Vegetable Crops: Characteristics and Instability of the Butternut Trait in Cucurbita moschata," Martha A. Mutschler, 4:30 p.m., Thursday, Dec. 1, 404 Plant Science Building.
- Reproductive-Physiology-Endocrinology: Re-emerging of the Gapin Cow Herb Reproduction Path Analysis Model," Hollis Erb, 4:30 p.m. Wednesday, Nov. 30, 404 Plant Science Building.
- Reproductive-Physiology-Endocrinology: Title to be announced. Irene Moroz, 4:30 p.m. Wednesday, Nov. 30, 205 Thurston II.
- Vegetable Crops: Poomology: See listings under "Poomology."

**Theater**

- Nov. 18 & 19, 8:15 p.m. "Risley Theatre. Risley Theatre production: 'Shadowbog.' Tickets $3 in advance and at the door.
- Nov. 20, 7:15 p.m. "Risley Theatre. Risley Theatre Production: 'Shadowbog."

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