

AGRICULTURAL TECHNICAL INSTITUTE

They stopped producing their yearbook in 1988 per patron: 3/20/2001. bli.

March 5, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. McCracken Power Plant - Coal Bunker Removal

This project consists of the removal of one or more sections of the overhead coal bunker including the hyperbolic concrete sides and the steel ends up to the supporting girders.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531.

C. Sisson Hall, Air Condition Animal Rooms 133 and 141

This project provides air conditioning and temperature control for Rooms 133 and 141 to comply with Federal standards for animal facilities.

Funds for this project have been transferred from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

D. Ramseyer Hall - Renovation and Air Conditioning

This project is a continuation of an earlier renovation project to convert the building from an elementary and secondary school to other College of Education uses.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801140 (Renovation of Ramseyer Hall).

E. Agricultural Technical Institute - Wooster

This project is for the first building of a new center for technical education in agriculture.

Funds for this project have been provided from Item 315-010 (Ohio Board of Regents Architectural Planning) and Item 366-001 (Agricultural Technical Institute, Ohio State University, Wooster), H. B. 531.

F. Ambulatory Patient Teaching Facility

This project will house all of the outpatient care programs of the College of Medicine and is basically the teaching and research laboratory of all patient medicine for undergraduate, post-M. D., nursing, and allied medical professional students.

Funds for this project have been provided from Item 315-016 (Medical Complex, Phase III) and a Public Health Service Federal Grant.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

Agriculture technical school given approval by Trustees

By MICHAEL TITER

12 MAR '71

Approval for first-phase construction of a \$3 million Agricultural Technical Institute was given by the Board of Trustees last week. Appropriations were made by the Ohio General Assembly.

The Institute, a facility of Ohio State's College of Agriculture and Home Economics, is to be located on a 30 acre tract of land at the Ohio Agricultural Research and Development Center (OARDC), one mile south of Wooster. The OARDC is a research facility of approximately 3,000 acres.

The Agricultural Technical Institute will be the only such facility in Ohio which will offer a complete two-year program in agriculture. Enrollment will be open to all Ohioans.

The \$3 million appropriation will pay for one classroom building, two greenhouses, connected by a headhouse, a storage building,

and landscaping. These buildings are the first phase of a multi-phase project, according to Jerry J. Halterman. Future phases are to include the addition of two dormitories, and two additional classroom buildings.

The new classroom facility will be one to three stories high and will contain about 60,000 square feet of floor space. It will be used to house student service facilities, classrooms, laboratories, and administrative and faculty offices. Completion of the first phase of the project is scheduled for winter of 1973. At that time it will accommodate 300 students, about 15 faculty, and a number of staff and administrators.

The institution will offer a two-year instructional program designed to lead to an associate degree. Among the first courses to be offered will be specialized areas related to agricultural research and laboratory techniques, agricultural chemicals, soil fertility and plant nutrition,

general crop production, ornamental and landscape horticulture, and wood science.

Courses in dairy science, animal science, agricultural mechanics, environmental sciences and natural resources, and general agricultural science technology are to be added at a later date.

May 7, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal for a New Degree Program Leading to an Associate in Applied Science Degree

The Faculty Council on April 13, 1971, approved the proposal by the College of Agriculture and Home Economics, upon the recommendation of the Council on Academic Affairs, that the degree Associate in Applied Science be authorized for use by the Agricultural Technical Institute, The Ohio State University, Wooster, Ohio.

Pursuant to the established policies of The Ohio State University, the Ohio Revised Code, and the Standards of the Ohio Board of Regents, President Fawcett recommended that the action of the Faculty Council be approved and that the Agricultural Technical Institute be authorized to award the Associate in Applied Science degree, effective with the Autumn Quarter, 1972, when the Agricultural Technical Institute is presently scheduled to be in operation.

It was recommended further that pursuant to Section 3333.04 of the Revised Code of Ohio that this recommendation be forwarded to the Ohio Board of Regents for approval.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

D. Change of Name of Department of Speech to Department of Speech Communication

The Faculty Council at its meeting on April 13, 1971, approved a recommendation from the Council on Academic Affairs that the name of the Department of Speech be changed to Department of Speech Communication, effective July 1, 1971.

This change in Department name more clearly identifies the Department's role within the College of Social and Behavioral Sciences and is consonant with the recent change in the name of the Department's parent professional association to the Speech Communication Association.

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Change in Designation of Academic Faculties in the College of Biological Sciences to Departments

The Faculty Council on April 13, 1971, approved the request from the College of Biological Sciences and the Council on Academic Affairs to designate the Academic Faculties of said College as Departments.

December 3, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Agricultural Technical Institute, Wooster

The legislation authorizing schools meeting specified standards to award associate degrees, as approved by the Ohio Board of Regents, was provided for in Section 333.10 of the Revised Code by the 106th Ohio General Assembly and amended by the 108th Ohio General Assembly to stipulate that "effective July 1, 1971, all public post high school technical education programs shall be operated by technical institutes, community colleges, university branches, state colleges, state affiliated universities and state universities . . ."

The Ohio Board of Regents' "Master Plan for State Policy in Higher Education" provides for the establishment of academic programs leading to the development of two-year programs in various technologies. In line with this Master Plan and the above legislation The Ohio State University requests authority upon the recommendation of the Council on Academic Affairs and the Faculty Council for the establishment of an Agricultural Technical Institute. The Institute is to be located in Wooster, Ohio, on Ohio Agricultural Research and Development Center land.

President Fawcett recommended that the Agricultural Technical Institute, Wooster, be established to become operational with Autumn Quarter, 1972.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty

In accordance with Article IX of the By-Laws of the Board of Trustees, President Fawcett recommended that the amendments to By-Laws of the Board of Trustees and Rules for the University Faculty as shown in Appendix III, page 319, to effect the administrative reorganization adopted by the Board of Trustees at the July 30 meeting be approved:

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the By-Laws of the Board of Trustees and Rules for the University Faculty.

Many Hear Report On Institute

By BILL ZIPP

Dispatch Farm Writer

27 JUNE 1971

Ohio farm and agribusiness leaders turned out in volume for a "progress report" on the new Ohio State University Agricultural Technical Institute at Wooster.

The meeting of the institute's augmented ad hoc committee was in the OSU Agricultural Administration Building.

MANY AT the session were among those who first met three years ago when counseling on the planned institute was needed. The committeemen served on seven subcommittees. At the latest gathering, the seven subcommittees were trimmed to three. They are program, finance and capital improvements, and communications and recruitment.

Dean Roy Kottman of the university's agriculture college reported construction of the institute's first building complex is underway on a tract adjacent to the Ohio Agricultural Research and Development Center.

"We let contracts on May 19 and hope the buildings will be ready for occupancy by September of next year," said Kottman.

"WE WILL have facilities for a minimum of 200 students, and could take care of 300. Eight different technical courses of study will be offered at the start of classes. Graduates of the two-year courses will receive associate degrees from Ohio State University."

Later during a general committee meeting, before members convened in subcommittee sessions, Kottman said operating money needed for the 1972 fiscal year starting July 1 amounts to \$123,000, while present funds are

"zero." He said funds are \$200,000 short for fiscal 1973.

An original allocation of \$3 million for the institute's land and initial buildings was approved by the Ohio General Assembly.

"WE NOW know some 170 additional acres close to the institute campus are needed for land laboratories, and we need dormitories for students, since the institute will serve all of Ohio," Kottman added.

Robert W. Teater, OSU agriculture associate dean, said the institute staff will work closely with business, industry and government as development progresses. He mentioned how the state's area technical institutes are offering agricultreual programs, but on a limited basis compared to courses planned for the Wooster institute serving the entire state.

Jerry Halterman, institute director, said technical advisory committees have been used in setting up courses of study and will continue to be consulted.

HALTERMAN outlined essentials of studies planned for the institute. He listed such "specialized areas" as agricultural research and laboratory technology plant health and protection, soil fertility and plant nutrition, general crops production, ornamental and landscape horticulture, and wood science.

Halterman said an internship program will involve industrial and business experience along with classroom and laboratory studies.

"We plan to make the internships flexible to adapt to involved industries and businesses," Halterman answered a question.

"WE ARE suggesting an internship be a requirement for graduation. In some instances, two quarters of internship instead of one during the eight quarters of the two years of attendance might be desirable.

"Requirements for admission to the institute will be essentially the same as for those at the university. The tuition will be around \$800 a year on the four-quarter basis.

"At the outset, we hope to have one faculty member for each 20 students."

KOTTMAN SAID both men and women will be accepted as institute students. He said no plans have been made for a home economics course.

"Right now," he added, "I am concerned about getting something going on livestock, both dairy and market animals. Dairying is the largest

source of farm cash receipts in the state."

A digest of the development and establishment of the institute specifies:

"THE NEED for technicians in the agricultural manpower force in Ohio and for a specialized institution to prepare such workers is reflected by examination of such items as:

- "A recognition of the emergence of a new worker in agriculture — the technician, and of a new dimension in education — that of technical education.

- "The results of research studies which report upon the need for agricultural technicians.

- "The limitations encountered by most technical institute districts in attempts to meet the needs of agricultural technicians."

KOTTMAN said some potential students had already been interviewed. Others interested in the new institute can contact Kottman or Halterman at Ohio State.

September 8, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Novice G. Fawcett Chair
in Educational Administration (continued)

In the Spring of 1972 a group of friends of Dr. Fawcett formed a Friends of the Fawcetts Committee for the purpose of providing funds to redesignate the Novice G. Fawcett Professorship in Educational Administration as an Endowed Chair in Educational Administration. The leadership provided by this group inspired many alumni and friends to contribute to the Chair, and, although gifts and pledges are still being received, the support to date is more than sufficient to fully endow a chair. At this time, and as a lasting reminder of his unequalled accomplishments, President Enarson recommended that the Novice G. Fawcett Chair in Educational Administration be established.

In honoring Novice G. Fawcett, those who support this Chair are adding significantly to the future of The Ohio State University. They are providing a way that his influence on higher education can be continued in perpetuity. The names of those who have participated in this magnificent effort will be recorded forever in the archives of The Ohio State University along with the special thanks and deep gratitude of the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Memorandum of Understanding Between Ohio Agricultural Research
and Development Center and Agricultural Technical Institute

President Enarson recommended that the Board of Trustees authorize the President to enter into a memorandum of understanding between the Ohio Agricultural Research and Development Center and the Agricultural Technical Institute of The Ohio State University relating to the provision of services by the Ohio Agricultural Research and Development Center to the Agricultural Technical Institute.

Inasmuch as the Ohio Agricultural Research and Development Center has established supporting departments such as Physical Plant, Research Operations, Statistics Laboratory, Public Information, Library and others, many of these services can be provided to the Agricultural Technical Institute more economically and proficiently than by duplicating such services within the Agricultural Technical Institute.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous voice vote.

*

*

*

Ag Students Await Facility

19 NOV 72 DISPATCH

By RODGER WHITE

Of The Dispatch Staff

WOOSTER, Ohio — The first students to attend the new Ohio State University Agricultural Technical Institute are meeting in scattered temporary quarters, awaiting completion of a \$3 million facility being built two miles southeast of here.

The complex is on Rt. 250 adjoining the Ohio Agricultural Experimental Station.

PHASE I OF a three-phase building program includes a multi-purpose building with some 60,000 square feet of space, two 25 by 70-foot greenhouses complete with adjoining headhouse, a horticulture equipment maintenance and storage building and a 300-car parking lot.

Present enrollment at the new institute stands at 201 students from Ohio, New York, Pennsylvania, New Jersey, Indiana and Michigan.

Dr. J. J. Halterman, director, said 29 of the first students are girls. Most of them are enrolled in the Animal Science program.

HALTERMAN SAID "pioneering" is the key word at the institute which offers an associate applied science degree in two years, under Ohio State University's first associate degree program.

Pioneering always offers its share of crises and the first ones at ATI were big ones, such as a place to hold classes and quarters for students.

Halterman said the classes are conducted in various buildings at the adjoining experimental center, as well as at the Wayne County Fairgrounds. "Horse management programs will continue to be held at the fairgrounds where access to the race track and some barns have been made available," the director added.

HALTERMAN SAID a plea was made to Wooster area residents to help make housing available for the some 200 students until on-campus housing can be built.

"The community's response was great" the director added, "and the students were offered housing at private residences, a hotel, a trailer park and at various apartment complexes."

The director said the dormitory aspect is being eliminated at the new regional campus by plans to permit a private developer to construct and operate one and two-bedroom apartments for approximately 200 students on the campus. On-campus housing is expected to be made available by the fall of 1973.

CONSTRUCTION ON the school complex was begun July 1, 1971. A completion date of October of 1972 was postponed due to a delay in the delivery of roofing materials.

Halterman said the facility should be completed during the winter quarter. "The greenhouses have been inspected and released to the insti-

tute and are being used in the plant sciences program," the director added.

The institute offers specialized training programs in four fields, including Agricultural Products Technology, Allied Agricultural Sciences Technology, Animal Sciences Technology, and Plant Sciences Technology.

"NEW PROPOSED programs for the 1973-74 term include Agricultural Mechanics and Engineering Technology, Agricultural Products Technology and Environmental and Natural Resource Sciences Technology," Halterman said.

The faculty and staff is made up of 10 persons who have had experience in agriculturally related industry. Halterman said he is pleased with a 20 to 1 student-to-faculty and staff relationship.

During the two years of study, ATI students will spend one quarter in an occupational internship. "They will work in an agricultural industry for pay and academic credit under the supervision of a faculty member," Halterman said.

Ag Institute—One of a Kind

16 MAY 73

By James Callihan

Lantern Staff Writer

WOOSTER — Several hundred persons attended dedication ceremonies here Tuesday for Ohio State's new Agricultural Technical Institute (ATI), the first of its kind in the United States.

The ATI is the nation's only independently staffed state-wide institution of higher education which specializes entirely in technical programs for agricultural students.

Following a luncheon, guests gathered at the Ohio Agricultural Research and Development Center Auditorium to listen to several speakers.

University Trustee Vice Chairman John H. Dunlap accepted the facilities on behalf of the Board of Trustees.

The Main Building was completed on the 30-acre campus as a multi-purpose building with 60,000 square feet of area.

Housed in this facility are classrooms, laboratories, a library learning resources center, faculty offices and a student services area.

Additional facilities include two 25 by 70-foot greenhouses, an equipment maintenance and storage building and a 300-car parking lot.

The campus is two miles south of Wooster on U.S. 250.

The dedication address was delivered by Roy M. Kottman, dean of the College of Agriculture and Home Economics at Ohio State.

He said that the "major thrust" of the ATI program is toward the two-year associate degree, the first such degree ever awarded by Ohio State. He said ATI was not designed as a "stepping stone" to a four-year degree granting college.

Kottman predicted "the agriculture industry will double production in the next 10 years.

"Much of this will depend on the availability of young people who have the technical and scientific backgrounds needed to man the thousands of jobs created by the expanding industry.

He expressed his confidence that ATI could produce this high quality personnel.

"It is on the behalf of the students and the agricultural industry that this institute was formed," Kottman said.

The guests and speakers then left the auditorium to the nearby dedication site of the newly finished ATI main building. Trustee John H. Dunlap preformed the traditional ribbon cutting assisted by President Enarson, Kottman and other guests. After the ceremony the guests viewed the building and exhibit.

Utilizing and Expanding High-Tech Know-How

Learning while doing" is the educational approach taken by The Ohio State University's Agricultural Technical Institute (ATI).

About 750 students are enrolled in the two-year program offered on the institute's Wooster (OH) campus.

The institute, which is part of the OSU College of Agriculture, offers an associate degree in applied science in 17 different areas. Among other things, these fields of study include: commercial beekeeping, food marketing, greenhouse production and management, landscape contracting and construction, and livestock production and management.

"The institute has been overwhelmingly successful in training people with a more technical approach and, therefore, graduates are ready immediately to enter the job market and to be productive," says Max Lennon, vice president for agricultural administration.

"ATI graduates are the operational agriculture people," explains Dan D. Garrison, director of the Agricultural Technical Institute. "They are interested in working in a role where they are directly handling plants and animals in an applied sense," he says.

Students obtain practical experience through on-campus laboratories. They plant and tend the latest varieties of flowers in a horticulture complex which surrounds the institute's two major classroom buildings.

They also operate a 2,000-acre farm adjacent to the campus. Crops are produced on about 700 acres, while in other areas, students raise sheep and swine and operate greenhouses and bee hives. Several miles from campus are student-run horse and dairy facilities.

In line with the program's emphasis on practical experience, students are required to complete a 10- to 16-week full-time internship in their field of study. "This is the only college in the whole state that requires every student to successfully complete an occupational internship as a gradua-

tion requirement," Garrison says. That internship may occur any time during the two-year course of study.

Internships have taken students all over the United States, as well as to foreign countries. Assignments have included Florida golf courses, an Arizona sheep ranch, and even the London floral shop which provided Princess Diana's wedding flowers.

Students receive payment, as well as a grade and academic credit, for their internships.

To assure that the institute's programs remain up-to-date and applicable to future employment, industry representatives are included on curriculum advisory committees in each subject area.

The emphasis on hands-on training may be one reason that ATI graduates are successful at locating jobs in their fields. Generally 90 percent of those seeking jobs are hired immediately after graduation. "About half of our students will go back to their internship station for permanent employment," Garrison says.

Each quarter, about 85 of Ohio's 88 counties are represented within the institute's student body. About half of the students come from rural areas, while half come from urban areas. Only about 33 percent are women. Most pursue their studies full-time.

"We have consistently had the youngest average age of student body for any campus in the state," Garri-

son says.

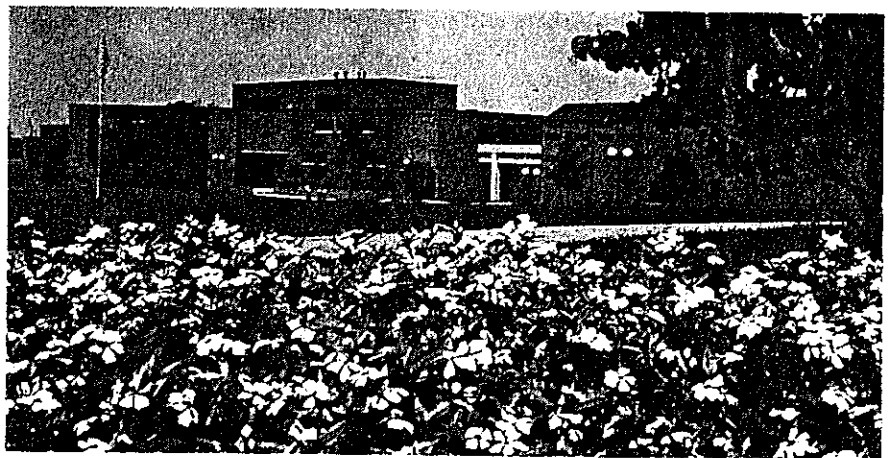
Since its opening in 1972, the institute has graduated 1,700 students.

"Our role and mission is teaching," explains Garrison. "We have been able to assemble a very highly qualified faculty of agricultural specialists," he notes, explaining that students benefit from exposure not only to experts in their own field of study, but also to those in related fields. The institute has a total of 50 faculty members, including 36 who hold full-time teaching appointments. Over half of the full-time faculty members hold PhD degrees.

The Agricultural Technical Institute is a degree program, rather than a certificate or vocational program. It, therefore, requires more rigorous courses than many other technical schools, including subjects such as chemistry and mathematics. "Students have an academic challenge here that they might not have at other institutions," Garrison says. All ATI courses meet the University's strict academic criteria.

"Agriculture today is a very modern, scientific plant, wherever you find it, and it's getting more so all the time," states Garrison. "That's why training is so critical. When students leave here, they're dealing with large, expensive equipment and they can't make mistakes," he emphasizes.

The first-hand experience they receive at ATI seeks to assure that they won't. — K.B.





NEWS

The Ohio State University

Communications Services
4th Floor Fawcett Center
2400 Olentangy River Rd.
Columbus, Ohio 43210-1027
Phone: 614-422-2711

For release

On Receipt

11/4/83

(LO, WS, SP)

COLUMBUS, Ohio -- Ohio State University's Board of Trustees on Friday (11/4) named an academic building at the Agricultural Technical Institute in Wooster as William John Skou Hall.

Skou, a former faculty member at ATI, died Jan. 1, 1982, of cancer. A resident of Akron, Skou was an assistant professor and coordinator of ATI's greenhouse production and management technology program from 1976 until early 1981.

He had previously worked as a floriculturist with Yoder Brothers Inc. of Barberton for 25 years.

Skou Hall was known as the Phase II building, constructed in 1978. The 70,000-square-foot building contains offices, classrooms, laboratories, a cafeteria and a student lounge.

Skou earned a bachelor of science degree in horticulture in 1950 and a master's degree in 1951, both from Ohio State.

In his will, Skou bequeathed money to establish the William J. Skou Scholarship Fund for students entering the field of floriculture or greenhouse production of flowers or ornamental plants at the College of Agriculture or ATI, and the William J. Skou Faculty Enrichment Fund to support the travel and other expenses of ATI faculty attending educational and professional conferences and meetings.

To date, the university has received \$647,565 from his estate.

December 5, 1985/QSU onCampus/5

ATI dedicates new activities center

By Tom Spring

There may not have been a more appropriate way to dedicate a new student activity center than to have the leader of the University shoot the first basket.

President Jennings put a ball through the hoop Nov. 20 as the **Agricultural Technical Institute** formally opened its student activity center. The ceremonies took place one year to the day from the start of construction. A beekeeping facility in the building also opened Nov. 20.

The \$1.9 million brick activity center is set in the side of a hill overlooking the rest of the ATI campus. The building contains a gymnasium, two racquetball courts, an exercise-weight room, locker rooms, offices, a lounge and lobby. Connected to one side of the center is the seven-room bee laboratory.

"The activities center will provide facilities

for recreation, meetings and informal gatherings both for students who live on campus and for those who commute," Jennings told a group of approximately 500 students, faculty members, staff and community leaders.

"I am sure that this center will have a great and positive influence on the quality of student life at ATI," Jennings said. "The quality of the education that our ATI students pursue will benefit from the new bee laboratory as well. Students, faculty, and staff members involved in the commercial beekeeping (program), the only such degree-granting program...in the country, will find the new lab a welcome addition."

The main purpose of the lab will be teaching and applied research, said James Tew, associate professor and beekeeping program coordinator. Tew teaches, conducts research, evaluates beekeeping equipment and volunteers

with the Cooperative Extension Service.

Dan D. Garrison, director of the Agricultural Technical Institute, said the building represents "a campus coming into bloom." Garrison said enrollment is up and academic programs are being improved.

Max Lennon, vice president for agriculture administration and executive dean for agriculture, predicted that ATI will become the first institution to develop academic programs in agriculture based on biotechnology and artificial intelligence.

The building is part of a \$3.5 million campus improvement program. Campus officials hope to break ground this spring for a horse breeding laboratory and new dairy facility at the 1,800-acre Apple Creek Farm five miles southeast of Wooster. A part of the Apple Creek Developmental Center, the farmland is owned by the state and managed by ATI.

Bee lab cross-pollinates teaching and research

By Tom Spring

Jim Tew says that when he gets to work, he wants to jump up and down and shout for joy.

He admits, "When I wake up in the morning, I want to look out and see if it's still there," — it being the new bee laboratory at the Agricultural Technical Institute.

Tew, the bee laboratory program coordinator, has good reason for joy. His new bee lab is an international center for teaching and applied research.

It is the only such facility in the United States.

The laboratory and the adjoining student activities center were dedicated Nov. 20.

In beekeeping technology, ATI offers instructional programs ranging from one week to two years for beekeeping hobbyists, farmers and people interested in becoming commercial beekeepers.

Honeybees offer two products of commercial importance — honey and beeswax — and provide an important function for world farm production — pollination.

John Root, president of the A.I. Root Co. of Medina and a member of the ATI Honeybee Industry Key Advisory Committee, says, "Honeybees are programmed to work at one type of a blossom at a time. That's very unique. That causes cross pollination."

Ninety percent of the pollination of fruit and field crops costs nothing, Root says, "yet the U.S. Department of Agriculture has valued honeybee pollination at between \$10 billion and \$40 billion so it's

important that beekeeping remain viable."

Ohio has some 10,000 beekeepers, more than in any other state. Some 200,000 people keep bees nationwide.

"Nations with low labor rates have an advantage over us. We can import low-priced honey, but not pollination," Root says.

Lab demonstrator Phillip M. Mariola says cheap imported honey is one of the biggest problems in the American beekeeping industry.

Honeybees are social insects that thrive in colonies ruled by a queen bee.

Every bee could become a queen bee if it had the necessary diet early in life, according to Tew.

Instead, most become sterile females, which are hormonally and nutritionally suppressed by the existing queen bee. These bees mature into worker bees 21 days after the eggs are laid. The worker bees make honey, build the honeycomb, fan away moisture and guard the hive. They live about five weeks in the summer and two to three months in the winter.

In a colony of some 60,000 bees, all but a few hundred will become worker bees. The rest will become drones, matured in 24 days from unfertilized eggs. These drones' sole function is to copulate with the queen bee; once done, they die.

The queen bee lays eggs and secretes pheromone, a chemical suppressant that prevents other bees from taking over the colony. The queen bee lives approximately two years.

The worker bees visit flowers to collect honey and pollen. The honey is a source of carbohydrates for the bees and the pollen is a source of protein. The bees take it to the hive for storage until it is needed for food. "The bee metabolizes honey into heat energy during the winter," Tew says.

Pollen dropped while a bee visits flower after flower fertilizes those flowers to produce a wide variety of food, everything from pumpkins and onions to apples and clover.

"Honey is actually flower nectar with the sugar reduced enzymatically," says Tew, comparing it to how human saliva acts on sugar. Because honey is predigested, it is more easily broken down by the human body than other sweeteners.

The beekeepers' problem is deciding how much to take off the honeycomb. If they take too much, the colony will starve during the winter. The severity of the winter affects the bees' need for honey and summertime honey production varies as well.

Although Tew teaches about other bees, he does no research on them. "In the Eastern United States, honeybees far outscope everything else" from an economic standpoint, he says.

The bee lab at ATI will collect about 4 tons of honey this year from some 225 beehives, Mariola notes. Some of the hives are used for queen rearing and do not produce honey. Some of the honey is sold on campus and the rest is sold through competitive bidding.

According to Mariola, Ohio State's beekeeping program at Columbus has held a national reputation through the genetic research work of entomologist Walter C. Rothenbuhler, now professor emeritus, and Vic Thompson, who was Ohio State's bee technician for 18 years.

Apiarist Michael Kim Fondrk operates the Department of Entomology's Columbus bee lab at 2396 Fyffe Road. Bee geneticist Robert Page has been hired at the Columbus campus to continue bee genetic research, beginning in January. He has been working at the U.S. Department of Agriculture's North Central States Bee Research Laboratory in Madison, Wis.



James Tew

Photo by Lloyd Lemmermann

Wooster buzzing with beekeepers

By Andrew J. Downey
Lantern staff writer

Ohio State's Agricultural Technical Institute in Wooster has the only degree granting beekeeping program in the United States.

"We became known as the 'bee place' because we really are the only place in the United States where you can come and study beekeeping and get a degree," said Phillip M. Mariola, a laboratory demonstrator at the institute.

"(The institute) has five full courses plus other related courses so you can get a full dose of beekeeping knowledge for two years," he said. "And we have had very good success placing some of our students in very good positions in the bee industry."

A new bee research laboratory was dedicated at the institute in November. "Ohio has always had a very long, colorful, intense interest in beekeeping and has more registered beekeepers than any other state in the country," Mariola said.

But the beekeeping industry in

the United States is under some pressure, said Michael Kim Fondrk, operator of the OSU Department of Entomology's bee lab.

"There is a lot of inexpensive honey that's coming into the country—it's a flood, and beekeepers in China can send it all the way here and still sell it for less than what a good price is here," Fondrk said.

"They can raise bees and produce honey a lot cheaper in Argentina, China, New Mexico, and Brazil than we can here because their labor costs are so much less," Mariola said.

Mariola said another problem facing beekeepers is bad publicity the industry is getting from African killer bees that have moved from Brazil through the upper part of South America and are now progressing up through Central America.

"It's not so much that the bees are going to be around here, but just the thought is going to frighten people, which is going to make life very difficult for the beekeeper because people aren't going to want bees around," he said,

Agriculture students taught to specialize

By Becky Fowler
Lantern staff writer

The Agricultural Technical Institute in Wooster, a branch campus of Ohio State, has had consistently high placement rates for its graduates seeking jobs since it opened in 1972.

Since 1972, the institute has had rates above 90 percent, said Fritz Riebe, coordinator of student programs. For the last seven years, since Riebe began conducting annual surveys of graduates, the employment rate of graduates has averaged 94.9 percent.

Riebe surveys students within two or three months after graduation. He compiles annual reports for the Ohio Board of Regents.

In 1985, of 171 graduates actually seeking employment, 93.6 percent were placed in jobs. Of those who were placed in jobs, 86.9 percent were working in their specific field of study.

Statistically, Riebe said there are three or four job openings for every student at the institute, but some of the jobs do not match with student needs or desires.

"Basically, we handle more job openings in every program here than we ever handle students," Riebe said.

One of the major reasons for the high placement rate, he said, is that students are trained as specialists in their particular field.

However, the Columbus Technical Institute, a two-year program that trains students in business, health, public service and engineering technologies, had an overall placement rate of 80.9 percent in 1985, according to Walt Malone, research technician at Columbus Technical Institute.

The Agricultural Technical Institute prepares students to enter the job market with a two-year degree in special technologies, Riebe said. A four-year degree from a university gives a student access to a broader-based education, but the two-year program is designed for students who definitely know what they want.

The institute offers 17 fields of study in four areas — horticulture, agriculture mechanics, agriculture business and animal industries.

Riebe said because the institute is so specialized, it is a primary resource pool for employers looking for technicians with particular skills. Required student internships and continual close ties with the agricultural industry tend to give students ongoing direct contact with employers, which helps them get jobs, he said.

Sharon Nance, enrollment development assistant at the institute, said another reason for the

high placement is the use of advisory committees. These committees meet at least once a year and are composed of former graduates of the institute and industry representatives. The committees keep professors up-to-date on changes within the industry and what is needed within programs to meet the technological demands of the job market.

Nance said it is easy for professors to become isolated within academia, and these committees help professors keep programs current and in step with industry. This updating helps students in their preparation for the job market.

One of the most successful programs at the institute is its landscape division. This division has one of the largest enrollments and is very successful in placement. Of the 30 graduates surveyed, 97 percent were employed full time in their area of study and the other 3 percent were pursuing further education.

"I can't say enough about the landscape division," Riebe said. "There is just an overwhelming availability of jobs in that area."

Riebe said the institute gets approximately 300 full-time job openings for graduates in the landscape program but only has 20-30 students graduating each year. Many of the potential jobs are with large commercial companies.

One new program which will be offered this fall due to industry need will be a program in fluid power technology, or hydraulics. Nance said a program of this type is not offered on a widespread basis and the Board of Regents has approved it because of the need for trained technicians in this area.

Riebe said jobs available for all programs are at a good level of stability. The farming programs, such as crop and livestock production, are also in demand despite the economic trends which have hurt the industry.

A similar technical institute, Waseka, the two-year agricultural branch of the University of Minnesota, has had a general placement rate of around 94 percent since it was founded 15 years ago. Al Ward, placement director at Waseka, said there is a nationwide shortage of trained individuals in the farming technologies and this is indicated by those rates.

Ward said there is a very strange environment right now with so much bad news revolving around the farming industry, but yet jobs are available. He said the trend is toward specialization in farming.

"There is a real demand for those skilled people who have a background with an emphasis on management," Ward said.



The Ohio State University

NEWS

News Services
1125 Kinnear Road
Columbus, Ohio 43212-1153
Phone 614-492-2711
XXXXX 292-2711

For release on receipt

5-8-87

(LO,WS)

COLUMBUS, Ohio -- The Phase 1 Building at the Agricultural Technical Institute near Wooster was renamed Jerry J. Halterman Hall Friday (5/8) by the Ohio State University Board of Trustees.

Halterman, of REXBURG, IDAHO, was the first director of the institute, serving from 1972 to 1978, after having been named director designate in 1967.

The trustees, in naming the building, noted that Halterman "labored unselfishly on behalf of the institute and personally supervised the construction, staffing and operation of (the) building."

Halterman was a major contributor to the scholarly literature and the early development of technical education in Ohio. The building which bears his name, the first building on the ATI campus, was completed and occupied by the first class of students in 1973. The building, at 1328 Dover Road, is used for administrative offices, a library, laboratories, classrooms and a printing facility.

#

Contact: Dan D. Garrison, director, Agricultural Technical Institute, (216) 264-3911.
Written by Tom Spring.

(T/11)

Center obtains 2 grants

Money used for computers at Wooster ATI

By JULIE VINSON
Lantern staff writer

The Agricultural Technical Institute, after receiving a \$200,000 grant from the OSU Research Foundation, has used the money to integrate a campus-wide computer system and to develop two new programs.

Dan D. Garrison, director of the institute and associate dean of Agriculture, said the grant will be renewed for two more years.

"We've worked for over four years trying to get approval," Garrison said.

The Agricultural Technical Institute in Wooster is a unit of OSU's Department of Agriculture and has 550 students.

"We're very excited about (the grant) because money is very tight — we're all going through cost containment," Garrison said.

"It allows us to be innovative," he said. "We're only 15 years old and still a developing part of the university."

Garrison said the first goal is to install the computer system.

Arnold Mokma, assistant director for Academic Affairs, said the computers will be installed over the next three years, and will be specifically for students.

"There will be almost zero use by administration," he said.

Students will collect data from various animals and use the computer to organize it, Mokma said.

For example, data will be taken from a dairy cow about how much milk it produces. An amount of food appropriate for that cow based on its productivity could then be determined by the computer, he said.

"The goal here is to show students how computers have applicability in agriculture," he said.

Jeffrey Jensch, coordinator for the computer system, was hired Tuesday and will determine the model and number of computers to be purchased, Mokma said.

The second general allocation for the money is toward a fluid-power program, which will focus on studying robotics and hydraulics.

"Agriculture is the largest user of that application," Garrison said.

Mokma said Gregory Gordon, coordinator of the fluid-power program, was

See GRANT, page 2

hired Jan. 1 and has been working with an advisory committee. The committee is composed of people in the robotics and hydraulics industry, and it meets twice a year to assist students with career information and job placement, he said.

The coordinator also teaches courses and acts as an adviser to students in that major, Mokma said.

The third use for the money will be to develop "alternative programs" — different ways of teaching courses that are already offered, Mokma said.

"Agriculture is experiencing many changes right now," Garrison said. "We want to look at innovative ways to serve agriculture because of those changes."

Mokma said one of the alternative programs will be focused on

employees in the agriculture industry who never got a degree.

"Our goal is that we will develop an associate program for those people," he said.

The alternative programs will help students at the institute by updating professors and courses with the most recent changes in agriculture, Mokma said.

Sherene Vernon, a senior from Warren majoring in floral design

and marketing at the institute, said she thinks the results of the grant will be helpful.

"I think it will be really good for students to learn and apply their technologies on a computer," she said.

Vernon said people in her major would use the computers to practice design, and to gain familiarity with the computer for use after college.

Photos by Lloyd Lemmermann



NEEDLE TEETH that will grow into tusks must be clipped when pigs are young. Hazel Davidson, a second year student in swine production, demonstrates the procedure.



RAISING flowers is just the beginning for students in the Floral Design and Marketing Program.



LEARNING THE ROOTS of agriculture, students watch as Clyde Opliger, left, demonstrates an experiment in chemistry class. Opliger is chairperson of general and basic studies and an assistant professor of chemistry.



THE WAYNE COUNTY Fairgrounds provides space for students in the Equine Program to expand their knowledge of horses.

ATI catching on

By Beth Lindsmith

Since 1972, Agricultural Technical Institute programs have grown. In every area, the scope of learning has increased.

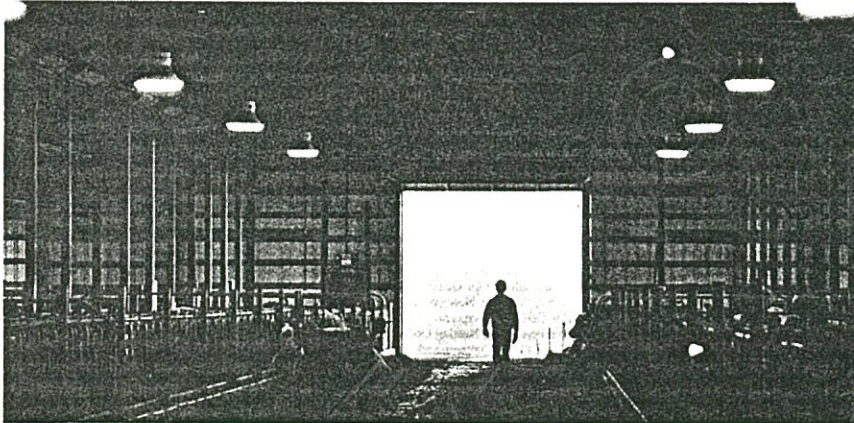
For instance, courses once encompassing only livestock production now include total farm management. The original program in growing ornamental plants has added design and care of extensive landscaped areas. Students study the testing and marketing of new food products. Lessons in the operation of farm and industrial equipment also cover the maintenance and testing of electrohydraulic systems.

The 550 students at the institution, which is southwest of Wooster, can earn two-year Asso-

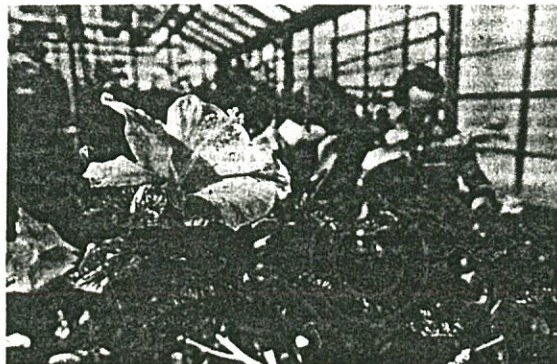
ciate of Applied Science degrees in 15 agricultural technologies.

But ATI is a technical college that goes beyond technical information: It requires that half of each student's credits be earned in general and basic studies. Students receive instruction in biological science, chemistry, math and physics — training needed in mastering technology.

Complementing these "hard sciences" is the study of communications and the social sciences, which creates a heightened sense of self and society as well as the ability to communicate and interpret ideas. ATI students, consequently, become not only adept technicians but also adaptable professionals.



IN THE HILLTOP Dairy Facility, a worker checks cows.



WITH FRAGILE BEAUTY, especially appreciated in mid-winter, a flower blooms in the greenhouse.

Regional campus ag enrollment up

By Jane Schmucker
Lantern staff writer

For years, enrollment figures at agriculture schools have been consistent. Consistently bad.

But while that downward trend continues in the College of Agriculture at Ohio State's main campus, the Agricultural Technical Institute at Wooster is enjoying something of a resurgence. According to recently-released figures, autumn enrollment at ATI was up 26 percent.

George Kreps, admissions and marketing coordinator at ATI, attributed the increase to more evening classes, better minority recruitment and an increased public awareness of non-traditional jobs in agriculture.

ATI, which offered its first class in 1972, is Ohio State's two-year technical college. It offers 21 programs in agricultural business, agricultural mechanics, animal industries and horticulture industries, all leading toward an associate degree in applied science.

Like most agricultural schools across the nation, enrollment at ATI has been following a downward trend for the past decade. Enrollment in 1985 was 570; two

years later it had dropped just over 5 percent to 542. At main campus, undergraduate enrollment has also dropped 3 to 4 percent each of the last ten years.

But autumn's new-student enrollment at ATI was up 10 percent from the previous year and returning-student enrollment increased 15.5 percent. The most dramatic jump came from part-time students; ATI rose from six part-time students in 1987 to 83 in autumn quarter of 1988.

Evening and weekend programs have attracted 74 community people to ATI to take classes such as marketing, floral design, micro-computer applications and dairy feeding management. ATI mailed 40,000 class schedules to Wayne County residents to advertise the evening program.

Kreps said the public is catching on that there is more to agriculture than cows, sows and plows.

"What do Kroger, Jack Nicklaus and the commodity exchange in Chicago have in common?" Kreps asked. "They're all part of agriculture. Jack can't play if he doesn't

See REGIONAL: page 2

have a golf course."

Kreps said non-traditional agricultural areas like golf course management and food marketing are some of the fastest growing programs at ATI. However, ATI has three jobs for every graduate in production agriculture areas.

"Farmers aren't milking by hand any more," Kreps said. "They've invested in computerized equipment and they want employees who can manage that equipment."

Kreps said ATI hired recruiters from urban backgrounds to sell agriculture to non-traditional agri-

culture students. ATI had 36 students from urban or suburban areas fall quarter. They doubled that figure this quarter.

Tobias Hueston from Toledo is an ATI student who comes from a non-agricultural background. He said he chose ATI because he wanted a two-year college and the recruiting personnel were helpful in answering his questions. Hueston is a student in food marketing.

Sonya Taylor, a floral design and marketing management student from Cleveland, said she decided on ATI when her horticul-

ture class from South High School toured the school.

"At first I wasn't sure, and it took a lot of convincing from ATI staff," Taylor said. "But then I came to visit and I liked it."

Edward Darrow, academic dean of agriculture, said he is hopeful that agricultural enrollment at main campus will have a small turnaround like Kansas, Nebraska, Iowa and Missouri state universities recently experienced. Those universities had a small increase in enrollment in agricultural programs.

"We're hoping that trend keeps coming East," Darrow said.

Flowers and brides decorate Wooster show

By Jane Schmucker
Lantern staff writer

David Porterfield knows flowers. He worked with flowers for the 1984 presidential inauguration and the bicentennial Statue of Liberty celebration.

Monday night Porterfield narrated the flower and bridal show for the Agricultural Technical Institute.

"A Night of Glittering Romance" was the theme of the 16th annual show held at the Ohio Agriculture Research and

Development Center's Fisher Auditorium in Wooster. The show was held Monday night in conjunction with the "Gems of the Garden" spring garden preview.

Dan Garrison, director of ATI, said the show was the result of hours of work and study by the students and was a teaching and learning activity better than any classroom.

"The show gives students the experience of timing plants to bloom for one event," Garrison said. "The planning, cooperation and team effort that goes into

this program helps students see that together they can accomplish something greater than any of them could accomplish alone."

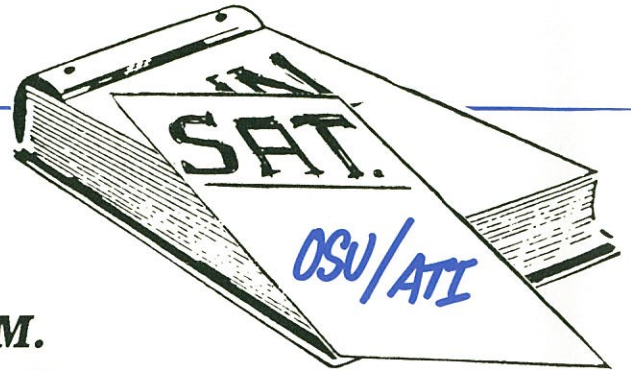
The flower and bridal show featured ten wedding parties, three sets of prom and party dresses and several fur showings. Many of the models designed their own arrangements. Some of the students told the crowd of about 1,000 about their designs. Most of the narration was done by Theresa Lanker, technology coordinator of floral design and marketing at ATI, and David Porter-

field, design director of Florists' Review, the largest floral magazine in the nation.

Flowers weren't limited to stage decorations and traditional bouquets. Women wore flowers in their hair, at the waist and on the toe and heel of the shoe. Men wore boutonnieres over the shoulder, on the tie, the wrist, the cummerbund, and the left leg.

Lanker said planning for the show begins the first week of autumn quarter classes.

Learn more about The Ohio State University Agricultural Technical Institute's Weekend College program with the opportunity to earn an Associate Degree from OSU.



**Information sessions slated for
Tuesday, May 23**

First session - 3:30 P.M. to 5 P.M.

Second session - 5:30 P.M. to 7 P.M.

Rightmier Hall Room 144 West Campus

Plenty of Parking

Accessible by bus

Topics to be Discussed

Eligibility for Tuition Reimbursement.

Career Opportunities inside and outside the University

Grounds Management

Laboratory Science

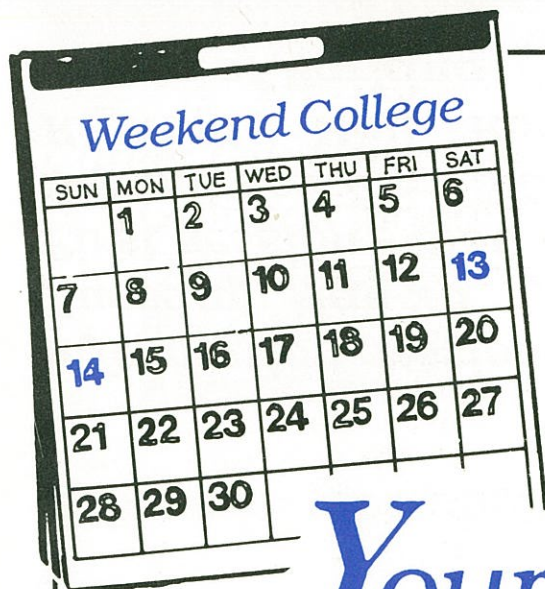
Food Marketing

Alternative Programs

Enrollment Procedures

Please call the Career Development Office (292-4500) to reserve a space.

**Take advantage of a fresh approach
To a lifelong career.**



*Your Weekend Pass
To a Brighter Future*

ATI offers special class

High school vocational horticulture students can participate in a special program at the **Agricultural Technical Center**.

A statewide agreement has been signed between ATI and the Ohio Department of Education's Division of Vocational and Career Education.

Students can gain course credit at ATI and participate in a special "Learning/Leadership Seminar."

"We hope this agreement motivates high school students to take advantage of the increasing career opportunities in the horticulture industry," says Dan Garrison, director of ATI. "If we can encourage more students to gain the experience of a post-high school technical education, they'll be exposed to statewide and national opportunities they wouldn't be aware of otherwise."

The program is open to students who

excel in their high school vocational horticulture programs and social studies courses, and who have demonstrated leadership abilities through Future Farmers of America and other extracurricular activities. Students also can receive course credit through examination.

The agreement outlines how to promote the program to other high school students and provides for representatives to meet every other year to review the agreement.

The document was signed at the start of the State Future Farmers of America Floriculture Judging Contest at ATI earlier this year.

ATI's technical courses emphasize hands-on education and require an industry internship. In addition, 95.6 percent of graduates find employment in their fields within 120 days of graduation.

ATI degrees give staff new option

University employees who aren't interested in bachelor's degrees but want to further their educations now have another option: an associate degree from the Agricultural Technical Institute.

Employees from any Ohio State campus who attend the new WeekEnd College are eligible for the tuition authorization plan and are given preference in registration. WeekEnd College at ATI's Wooster campus begins Sept. 23 for 10 Saturday sessions.

Weekend majors are offered in horticulture, including grounds maintenance and landscaping; laboratory science technology; and food marketing and business, including fast food and supermarket management.

Autumn courses are Introduction to Retail Store Operations, General Microbiology, Introduction to Turf Grass Management, Human Relations in the Workplace, Introduction to Microcomputer Applications and dBase III Applications, and Mathematics for Agricultural Technicians.

"It is our expectation to broaden the number of majors during future quarters," notes Dan D. Garrison, director of ATI and associate dean of the College of Agriculture. ATI offers associate degrees or specialty training in 20 areas.

A survey of 31 employees from the Columbus campus and the Ohio Agricultural Research and Development Center showed persons were interested in attending WeekEnd College for personal satisfaction or to enter a new career.

"The idea of WeekEnd College for employees came primarily in response to interest shown through the Office of Career Development," notes Arnold Mokma, assistant director for academic affairs, ATI.

The program also fulfills a recent mandate from the Ohio Board of Regents to two-year colleges to meet the educational needs of the state's workforce, Mokma adds.

University employees may be attracted to a community or technical college's associate programs, but don't get a break on tuition unless they attend Ohio State, which is geared toward bachelor degrees. The Week-End College now gives employees more choices, Mokma says.

The Wooster facility is 100 miles from Columbus, but "someone from Columbus can make use of fee authorization, do the classwork on weekends, and have their associate degrees in four years," says Amy Eley, former chair of the Staff Advisory Committee.

Mokma adds, "The time it takes to finish the part-time program could be reduced if a person enrolls in more than two courses each quarter or has transfer credits to begin with."

For more information, contact the Career Development Office, 292-4500, or ATI, 1 (800) 647-8283 or (216) 264-3911.

Employers flock to Ag schools

Agricultural employers are beating down the door for workers at Ohio's **Agricultural Technical Institute** in Wooster, Ohio. The two-year technical school, linked to The Ohio State University, trains students in 15 program areas.

"I wish we had another 1,000 students," said Fritz Reibe, the institute's financial aid coordinator and employment record keeper.

In some of the more popular programs, such as horticulture or landscaping, there may be as many as 30 jobs per graduate, he estimated. The situation is so severe that Reibe sometimes has had to cancel employers' recruiting trips.

"It's embarrassing," he said, "but there's no point interviewing a bunch of students who already have made their job choices."

About 1,250 students are enrolled in the College of Agriculture at Ohio State this year, according to Raymond A. Miller, assistant dean of agricultural administration. That's more than it was two years ago, but some of the

increase is due to the School of Natural Resources. Enrollment is well below the peak of about 1,800 in 1979.

"We were placing about 84 percent of our graduates in the mid-1980s — when the agricultural economy was so tough," said Miller. "The last three years, we've placed 90 percent of our students either in full-time positions or graduate school."

The largest group, 33 percent, went to agribusiness positions where starting salaries averaged about \$20,000 a year. The highest average salaries were earned by students going into food sciences. They averaged \$23,400 per year in 1989.

About 25 percent of the agriculture graduates of Wilmington College will go into farming, according to Monte Anderson, chairman of the Department of Agriculture.

"What's different today is that more and more people are starting to see agriculture as more than tractors and plows and cattle and sows," Anderson said. "Today's student is hedging his or her bets. They may be

majoring in agriculture, but they are minoring in chemistry or economics. If ag is good, they'll go that way. If not, they have the business sector to fall back on."

Students and businesses have been taking advantage of summer internships, Anderson said.

"Companies like Monsanto or Ciba-Geigy can see what kind of a person a student is before they consider hiring him the next year," he said. "The students come up with some very attractive summer jobs and find out that the things they are learning in school do apply in the real world."

Anderson said Wilmington will have no problem placing graduates this year. However, he waves a warning flag.

"I've had a surprising number of alumni call ... to ask about work," Anderson said. "It concerns me when people who have been working for a company for 10 years call and say they have lost their job ... Agribusiness may be undergoing tougher times than some people are willing to admit."

Fewer graduates, more money

Mean salaries for graduates of the Agricultural Technical Institute at Wooster, Ohio¹

Program	1979		1989	
	Number of grads	Mean salary	Number of grads	Mean salary
Agricultural research	10	\$10,031	5	\$16,500
Agribusiness	9	10,607	9	20,000
Crop production	20	11,692	9	15,800
Food marketing	4	13,125	4	17,500
Soil and water	4	8,750	2	16,000
Dairy	27	12,200	12	14,875
Horse	36	8,657	14	10,333
Beef, sheep, swine	24	10,972	6	19,000
Ag materials handling	5	11,400	6	16,725
Forest products	6	12,600	6	13,750
Floral design	23	7,666	14	11,200
Greenhouse	24	8,700	6	10,167
Landscape	17	11,375	23	15,875
Nursery	3	9,833	3	16,333
Turf	8	11,291	18	18,250
Totals	220	10,381	137	15,625

¹The Agricultural Technical Institute is a two-year degree program associated with The Ohio State University.
Source: Agricultural Technical Institute

Dispatch chart

Health plan expands to Wooster

By David Tull

The Ohio State University Health Plan, centered in Columbus since its inception, has taken a quantum leap to Wooster.

Employees at the Agricultural Technical Institute and the Ohio Agricultural Research and Development Center now have the option of joining OSUHP and using local doctors and health care facilities.

"We have been working with Wooster Community Hospital, the Wooster Clinic and with individual physicians since early this year," says Patricia Temple, medical director for the health care plan. The clinic — home base for about 35 physicians — the hospital and some individuals now have joined the provider network. In all, 57 doctors have signed contracts, Temple reports.

An open enrollment period ends to-

morrow, July 13, at ATI and OARDC for those wishing to switch from the Traditional Plan to OSUHP. Employees also may switch during the general open enrollment period in October.

Ohio Cooperative Extension agents in counties nearby also may take advantage of this expansion, Temple points out.

OARDC and ATI have about 660 faculty and staff. With dependents, the expansion is expected to affect about 1,500 people.

The University-sponsored health plan provides some financial benefits when clients use network providers, especially when hospitalization is necessary.

This is the first expansion of the health care plan outside of the Columbus area. There are, however, participating providers in Newark and Chillicothe, as well as individual network physicians in Canton, Ashland and Marion.

"We are investigating extending the OSUHP to about 670 faculty and staff at the other regional campuses," Temple says. "We'd like to have that in place by the autumn enrollment period."

Expansion of the health plan offers several benefits, Temple says. It can provide a way for employees to contain health care costs, and to use physicians and facilities at University Hospitals when a referral from local physicians is needed.

At the same time, Columbus campus employees may use participating physicians and facilities in Wooster. In addition, medical personnel in Wooster — and other cities if more regional campuses join in — can consult with specialists from University Hospitals and the College of Medicine.

At OARDC, Deb Malta, at 263-3719 or 5-3719, is in charge of enrollment. At ATI, contact Margaret Hile, 264-3911.

Jokes Aside, Gee Tells Grads To Embrace Change

By TAMI LANGE
Staff Writer

It was graduation day at the Ohio State University/Agricultural Technical Institute, and Dale Keller was nervous. Prior to the commencement ceremony at Fisher Auditorium, Keller told another man he was to give the student address and he was a bit shaky.

And, OSU President E. Gordon Gee said, Keller added, "I hope the guy who's talking doesn't talk very long."

Gee, "the guy" in question, noted that even at Ohio State's main campus graduation, he was only the third choice for speaker — behind Gen. Colin Powell and the president of Hungary. Wednesday, standing behind the podium and just inches from Keller, Gee promised to keep his comments brief.

What followed was a brisk run through many of the changes that have taken place since most of the students entered ATI two years ago. The Berlin Wall has come down, the Iron Curtain has fallen, Desert Storm has been fought and won, the Soviet Union is splintering. Pete Rose's career in baseball came to a quick halt, adults have embraced heroes like Nelson Mandela and children have discovered Teenage Mutant Ninja Turtles.

THE WORLD will continue to change, will "continue to modernize with contemporary tools, including computers," Gee said. Now, on the brink of entering a world of change, he encouraged students to use what they've learned in the classroom, along with tolerance and values, to survive. "An educated life," he said, "must be built on values, not vacuums."

The graduates leave behind a university of tension, although such tension — including the debate of professional versus liberal arts training — is natural and, indeed, desirable. "Keep your eyes on ATI and your university," Gee said. "You are our link to society, our beacons on the hill" and what ATI graduates achieve reflects back on the institution.

The best way to survive in a changing world is to welcome change and, Gee said, initiate it.

While the awarding of degrees

and diplomas was the highlight of the school's 18th commencement, the faculty spotlight was on Thomas Bowman, an associate professor who teaches chemistry through the Division of General Studies. Bowman was the recipient of the Ring Memorial Distinguished Teaching Award, made possible through a gift from Dale and Zoe Ring, in memory of Mr. and Mrs. Ralph Ring.

Bowman, who received a cash award and a plaque, was characterized as a tough but concerned instructor, whose class is often difficult, but rewarding. The award was announced by Ring committee chair and faculty member Emil Miller, a former recipient of the 4-year-old award.

The faculty also was represented by Tom Zimmerman, an associate professor in the Agricultural Business Division. In his faculty challenge, Zimmerman encouraged the students to live full lives, and to be active members of society. He stressed the need to vote and to be heard by public officials. "These people affect you," he said. "You need to affect them."

Continuing education should be a part of each graduate's future, whether it be through college classes, professional seminars or workshops. Each life must have plans and goals, he said, adding that answers about questions of the future must be answered. "We hope you answer that question with more than 'Whatever happens, happens,'" said Zimmerman.

KELLER CAME to the podium to talk about past, present and future. When he first started classes at ATI, he said, he was more than a little homesick, taking off many weekends for his home in St. Henry — a three-hour drive. On campus, he said, "my whole life was just the dorm room, the classroom, the computer room and the dairy."

Unhappy as he was, Keller said, he still didn't understand why other students would drop out. Seeing someone do that would make him think, "I don't like it here either, but I'm going to make it."

After serving an internship closer to home, Keller returned for a second year, and found friends, freedom and part-time work on a local



Joel Troyer photo
THOMAS ROIG OF Shreve accepts his associate's degree in applied science from OSU/ATI Director Dan Garrison.

dairy farm. Now, with his degree in dairy cattle production and management, Keller said he questions whether or not he wants to return home.

It was a story with a most happy ending, as Keller thanked his friends and told the class of 1991 to "Enjoy today. Plan for tomorrow and hold those memories of yesterday close at heart."

Local students earning their associate of applied science degrees include:

Christina N. Franks, Wooster, ag-

ricultural business; Mark D. Niemczyk, Apple Creek, turfgrass management (summa cum laude); Douglas L. Wells, Shreve, laboratory science; Jyoti E. Kamp, Orrville, landscape construction and contracting; Joe N. Smith, Wooster, nursery management; Michael T. Murphy, West Salem, forest products (summa cum laude); Gregory A. Yoder, Millersburg, food marketing; Jeffrey Schar, Sterling, laboratory science (cum laude); Mark A. Hochstetler, Millersburg, dairy cattle production and management; Diane M. Hudson, Shreve, horse pro-

duction/management; Nereste Gaston, Orrville, livestock production and management/beef and sheep; Scott D. Bodager, West Salem, construction; Michael F. Maag, Orrville, construction; David L. Hochstetler, Orrville, fluid power; John Livingston Allis, Wooster, landscape construction and contracting; Dawn E. Darr, Lakeville, landscape construction and contracting; Shannon M. Koski, Wooster, landscape construction and contracting (cum laude); and Thomas D. Roig, Shreve, landscape construction and contracting.

Funding cuts lead to leaner times for OSU's agriculture programs

Agricultural educators and researchers at The Ohio State University will wear their belts a little tighter in coming years, according to J. Robert Warmbrod, acting vice president for agricultural administration and dean of the College of Agriculture.

"It is fairly clear that continued downsizing will be called for," Warmbrod said. "It's not unique to The Ohio State University or the state of Ohio. We are not the worst case, but we are certainly under severe pressure."

The good news is that the Ohio legislature seems to be in a more generous mood toward funding agricultural education at OSU than the governor. Both the House and Senate have returned some of the funds that the governor recommended to cut.

A conference committee will decide the budgetary fate of the College of Agriculture, the Ohio Cooperative Extension Service, the Ohio Agricultural Research and Development Center and the Agricultural Technical Institute.

Even if the most favorable funding formula is chosen, however, the school's agricultural programs will have to continue to pinch pennies in coming years, Warmbrod said.

■ The College of Agriculture has been asked to submit plans to deal with a 3 percent, 5 percent or 7 percent reduction in its budget, Warmbrod said. The college was rocked by a 5 percent reduction in the 1988-1990 biennium. The \$500,000 cut was linked to a 30 percent enrollment decrease in the 1980s.

"In the fall of 1990, our enrollment was 9 percent higher than 1989," he said. "I hope that means the downward trend has turned

FARM-TO-MARKET



TIM WHITE

around."

■ The budget of Ohio Cooperative Extension Service was cut 3.1 percent under the governor's executive order in February. The governor called for another 5 percent reduction for the year beginning July 1.

The Ohio House increased the governor's funding by \$1 million and the Senate topped that with another \$500,000. If the new proposal survives the conference committee, the service's budget will be slightly higher than it was last July 1.

■ The Ohio Agricultural Research and Development Center had its budget reduced 5.1 percent by the governor's order. The governor proposed to chop another 5 percent beginning July 1. The result would be a budget that is 9.8 percent less than in 1990.

The House nixed the governor's suggestion and added \$600,000 to the center's budget for 1991-1992. The Senate added \$500,000 to that figure and \$1.5 million for the second year of the biennium. If the committee keeps the changes, the center's budget will be the same in the coming year as it was last year. It would be \$1.5 million higher next year.

■ Only the Agricultural Technical Institute in Wooster, Ohio, faces the prospect of a budget increase July 1. The two-year training center is supported by the Ohio Board of Regents at a specified formula. The formula favors schools that show growth. It will mean a slight increase in funding for the institute this year, Warmbrod said.

The coming year promises some changes in leadership in all branches of the college except the extension service.

Warmbrod has been acting vice president and dean since his predecessor, Frederick E. Hutchinson, was appointed acting provost in 1989. A search committee is expected to offer OSU President Gordon Gee a list of three to five potential candidates for the job by Sept. 1.

The delay in appointing a new vice president has been "unfortunate," according to Hutchinson.

"Since I was acting provost, I presumed I would go back to being vice president for agriculture," said Hutchinson, who had the "acting" removed from his title in 1989.

Hutchinson returned to work full time about two months ago following a heart attack and bicycling accident. He denied that the delay in naming a new vice president would have long-term impact on the college.

"No doubt, any time there is a change of leadership, there is a bit of a setback," Hutchinson said. "I think the college is now positioned for the future."

The Agricultural Technical Institute will begin a search for a new director soon. Dan

D. Garrison recently announced he would retire Jan. 1.

A search will be started for a new director of the research center in Wooster, too. Kirklyn Kerr resigned this spring, citing philosophical differences in the downsizing of the center. The resignation raised some rumors that perhaps the university would part with the research center.

"The rumors that we are going to get rid of OARDC are ridiculous," Hutchinson said. "They make no sense. There is no way we would ever do it."

There are now five land-grant universities looking for leaders. The group includes Michigan State University, the University of Wisconsin, Utah State University and the University of Delaware.

"Ohio State is equal to any school in that group," Hutchinson said. "We have a strong history of support for agriculture."

Malabar fans protest moving cattle

Uncowed by the criticism, state says milkers cost too much

By Don Baird
Dispatch Staff Reporter

MANSFIELD, Ohio — Former park manager Jim Berry threatened yesterday to seek a court order to force state officials to put Malabar Farm back the way they found it.

Berry is upset because the Ohio Division of Parks and Recreation moved a dozen dairy cattle to the **Agricultural Technical Institute** at Wooster, operated by The Ohio State University. The cattle were the demonstration farm's milk-producing herd.

State authorities said the move could be permanent. Berry said it cannot be, legally, because it apparently violates deed restrictions that were part of the farm's transfer to state ownership in 1972. The farm is 15 miles southeast of here.

About 60 people gathered at the state park yesterday to hear and cheer Berry, who managed Malabar Farm State Park from 1976-86, and Brent Charette, manager from 1986-89.

Division Chief Glen Alexander said the transfer of the cattle and the layoff of two workers were cost-saving measures. But Berry and other critics fear it is the beginning of the end of Malabar Farm as a working farm.

Pulitzer Prize winning novelist Louis Bromfield created 914-acre Malabar Farm from three smaller farms in 1939. He invited everyone to visit the farm to learn about conservation. Because his frequent guests included such Hollywood stars as Humphrey Bogart and Lauren Bacall (who were married there), soil and water conservation was advertised as never before.

A private foundation tried to preserve the farm after Bromfield's death in 1956 but gave it to the state in 1972. It became a state park in 1976. Since then, it has been a demonstration farm where people could see crops har-

The state recently created an advisory board to help draw up a plan for Malabar Farm, Alexander said.

vested, dairy cattle milked and maple syrup collected.

Berry, Charette and others, armed with a petition bearing as many as 4,000 signatures, said Malabar Farm State Park should stay that way. They said the only farming operation that can be continued without the two laid-off workers is the petting zoo. They criticized the state's lack of a written plan for Malabar Farm and the sale at auction of seven of the 37 beef cattle kept there.

Last week, Alexander admitted the sale of the cattle was a mistake caused by a misunderstanding between his office and Park Manager Scott Doty.

"I personally . . . intervened to put a stop to the sale long before there was any public outcry," Alexander said. "We do intend to retain the beef herd."

He stood by his decision to move the dairy cattle to Wooster. Ordered to make budget cuts, department officials noticed it cost the state \$60,000 a year in salaries and benefits for two workers caring for 12 cattle that brought in \$20,000 in milk sales. "And we didn't think that was too efficient," Alexander said.

In a written statement Alexander said: "Other farming operations at Malabar continue as in the past, including maintenance of the beef herd, petting farm and poultry. Malabar Farm also remains open to the public year-round, and popular events and festivals . . . will continue to be offered."

The state recently created an advisory board to help draw up a plan for Malabar Farm, Alexander said. Dairy cattle can return if private money is found, he said.



Brian P. Kirmse/Dispatch

Alexandra Marvar, 7, of Mansfield protested the state's removal of Malabar Farm's dairy cattle yesterday at the farm with a sign she made.

More Cuts 'Would Be Drastic' For OARDC And ATI

By LAURIE SIDLE
Staff Writer

Officials from The Ohio State University College of Agriculture are expecting the budget ax to fall again in fiscal year 1993. And this time, the percentage of state cuts could be double digits, according to Bobby D. Moser, vice president for agricultural administration and dean of the College of Agriculture.

If that happens, he told a select committee from the Wooster Area Chamber of Commerce Wednesday, "the effect would be drastic."

Joining Moser in the meeting were Jim Brown, acting director at the Ohio Agricultural Research and Development Center; L.H. Newcomb, acting director at ATI; Theodore Celeste, chairman of the Agricultural Affairs Committee; Hamilton Joel Teaford, chairman of the OSU Board of Trustees; Joan Huber, OSU provost-elect; and Michael Colley, board trustee.

The select chamber committee has been meeting with state officials over concerns about funding for OARDC and ATI.

Moser told the chamber committee that due to the state budget deficit, "the picture doesn't look bright for higher education."

"I'm not a doom and gloom person," he said, "but I think it's reality we're faced with here. We've been told to expect cuts 50 percent of what we had in 1992. But the latest developments say we could be facing double-digit cuts."

For ATI, Newcomb said, "there is no way to take the projected cuts, even on the positive side, without reducing personnel."

AT THIS POINT, budget cuts for fiscal year 1993 are estimated at 6 percent, or \$222,588, for ATI; 9 percent, or \$2,005,989, for OARDC; 9 percent, or \$1,391,444, for the Ohio Cooperative Extension Service; and 6 percent, or \$608,716, for the College of Agriculture.

In February, state budget problems required OARDC and the Extension Service to give back 6 percent of their state appropriations and OSU/ATI, 4 percent. These paybacks, Moser said, "came at a time when we had already spent half of our budget."

Moser said the college is dealing with the cutbacks by limiting supplies and services and holding positions open when they become available. A buyout program has resulted in a number of retirements.

In the past six months, 70 people have retired from the Ohio Cooperative Extension Service, 35 from the OARDC, three from ATI and 25 from the College of Agriculture.

"As money from the retirements becomes available, we are filling positions," Moser said. "(The) horticulture (department) is high on the priority list because it was hit hard by retirements."

Teaford said the danger of double-digit cuts is that they may put the university in a position to shut down departments. "We've closed three departments on campus this year," he said, none of which was in the College of Agriculture.

"I hope we don't have to cut departments," Moser said. "We're going to build on our strengths, so that if one department is more excellent than another, it is likely to get funds."

"Our agricultural diversity is one of our greatest strengths," he said, but in a time when there are fewer dollars to go around, "it's also our greatest challenge."

Moser encouraged chamber committee members to contact state legislators and let them know the importance of research and teaching programs at OARDC and ATI.

"Everyone understands when the economy is down, you take your share of the cuts," he said, "but we (in agriculture) feel we've taken a little more than our share."

Agriculture is the state's largest industry, yet receives less than one-

half of 1 percent of the state budget, Moser said. "That gets to be pretty tight."

In order to keep that competitive edge, Moser said, OARDC and ATI remain vital components of the College of Agriculture.

"We want to see this place grow," he said from the Research Services Building at OARDC, "and working together we can make that happen."

DURING THE MEETING, Moser also reviewed capital improvement requests recommended to the Ohio General Assembly by OSU and the Ohio Board of Regents.

For ATI, the university initially recommended, in order of importance, \$567,400 for basic renovations, \$2.6 million for an Equine and Farm Management Center and \$125,000 in matching design fees for a conference center.

Of those requests, the board of regents recommended to the legislature \$471,000 for basic renovations, and the university is continuing to ask the Legislature for funds for the Equine and Farm and conference centers.

For OARDC, the university initially asked for, in order of importance, \$1.5 million for renovations, \$800,000 for a replacement turkey facility, \$460,000 for a composting/biomass research building, \$4.7 million for replacement of a horticulture/entomology greenhouses, \$600,000 for pesticide storage and disposal buildings at OARDC branches and \$3.8 million for Mahoning County Experimental and Educational Farm buildings and improvements.

The board of regents sent to the Legislature recommendations for the renovations, turkey facility, composting biomass research building and Mahoning County buildings and improvements. The university is continuing to ask the Legislature for funds for the greenhouses and pesticide storage and disposal buildings.

"The requirements for pesticide storage are getting tighter and tighter," Moser said, "and in my opinion the university needs to be a leader in that."

Moser expects the legislature to act on the requests by mid-April.

Agronomist sees opportunities in ATI's future

By Stan Ernst

An Ohio State alumnus and agronomist from Minnesota has been picked to head the Agricultural Technical Institute.

William A. Anderson will take over as head of the two-year program on July 1, pending approval of his appointment by the University Board of Trustees.

"I've worked in both technical college and four-year land grant settings and like the challenge this position brings in terms of bringing everything together," Anderson says. "I see many opportunities for collaborating with the College of Agriculture's resident instruction programs in Columbus, the Extension Service and the Ohio Agricultural Research and Development Center."

"Bill Anderson is an outstanding teacher who has a wonderful rapport with both students and industry clientele," says Bobby D. Moser, vice president for agricultural administration.

'Bill Anderson comes to us at an important time in the history of the College of Agriculture.'

— Bobby Moser

"It came through time and time again in the interview process that Bill loves his teaching and has an excellent vision of technical education as well as two-year programs' additional role in preparing students for continuing in a four-year university program."

Anderson has been a professor and discipline leader in the department of agronomy at the University of Minnesota, Waseca, since 1984. He joined the faculty in 1976. Waseca is a two-year branch of the University of Minnesota.

Prior to his tenure at UMW, Anderson

was an instructor at the Hawkeye Institute of Technology in Waterloo, Iowa, and at the University of Nebraska, Lincoln.

He received a Ph.D. in crop production and physiology from the University of Nebraska in 1964. He earned both M.S. and B.S. degrees from Ohio State.

As director of ATI, Anderson will also be an associate dean of the College of Agriculture. He comes to the University as a tenured professor.

Anderson replaces Dan Garrison who retired as director on March 1, after 20 years at ATI.

"Bill Anderson comes to us at an important time in the history of the College of Agriculture," says Moser. "It's critical that we build on the strength of our two-year degree program while offering increased opportunities for students who attend ATI to continue their education at the Columbus campus. I'm confident Bill gives us leadership to move ahead in that direction."

"ATI has set a standard in my mind for two-year technical education in agriculture," Anderson says. "I'm looking forward to working closely with this top-notch group of administrators, faculty and staff who have proven their commitment to high quality instruction. My family and I are very excited about returning to Ohio and living in the Wooster community."

Stan Ernst is technical editor, information and applied communications, Ohio Cooperative Extension Services, at Ohio State.



NEWS

News Services
1125 Kinnear Road
Columbus, OH 43212-1153
Phone 614-292-2711
FAX 614-292-0154

For release
on receipt

6-5-92

(LO)

TRUSTEES APPOINT 15 FACULTY TO LEADERSHIP POSITIONS; ACT ON OTHER MATTERS

COLUMBUS -- The Ohio State University Board of Trustees Friday (6/5) appointed 15 faculty to positions in the provost's office, College of Human Ecology and other academic units.

William A. Anderson of Waseca, Minn., will begin his duties as director of the Agricultural Technical Institute in Wooster on July 1. Trustees also appointed him as associate dean of the College of Agriculture and professor of agronomy. He succeeds Dan Garrison, who has retired.

State budget cuts cause \$8 million Agriculture debt

By Gina O'Brien
Lantern staff writer

In the past two years, one division of the OSU College of Agriculture has endured \$7.5 million in state cuts. That's 30.3 percent of the Ohio Agriculture Research and Development Center's state funding.

It's also the main reason the Agriculture College owes the university \$8 million.

The agriculture college's debt to the university is the largest of all deficits owed Ohio State by 15 of its colleges and academic support offices. The total bill is \$41 million.

But how can one college fall \$8 million behind?

OARDC, one of four divisions in the college, had not anticipated the 20 percent decrease in state funding July 1, said John Ellinger, vice president for Agricultural Administration.

The research center is responsible for \$6.9 million of the agriculture college's deficit.

Personnel costs — such as salaries and benefits — consume about 75 percent of the research center's \$40 million budget. In response to the latest state budget cut, the center has eliminated 32 full-time positions.

But cutting positions hasn't always been simple and quick.

For instance, the center could not immediately back out of employment commitments after the July 1 funding cut. That led to an increase in the deficit, Ellinger

said. The research center did not finish cutting positions until November, he said.

The research center is not funded by Ohio State and is not the academic part of the agriculture college, Ellinger said.

But Ohio State made up the difference for what the research center overspent anyway.

If an organization is affiliated with Ohio State, regardless of where its funds come from, it shouldn't overspend because that creates problems elsewhere, said William Shkurti, OSU vice president for finance.

Since 1989, the college has not filled 280 faculty and staff positions created by attrition in an attempt to deal with the budget cuts.

The research center also has been working on means other than eliminating positions to pay back the deficit.

"We have to adjust the structure of the organization to meet the state's level of support," Ellinger said.

The research center is considering the possibility of selling some of its land and facilities. The Agriculture College owns more than 250 structures in the state and about 12,000 acres. This accounts for two-thirds of the university's land, Ellinger said.

Officials from the research center have been meeting with the governor and state legislators to gain financial support for the

See DEBT/ Page two

research center, Ellinger said.

Gov. George Voinovich has proposed increasing the research center's state funding by 5 percent in each of the next two years.

Agriculture College officials are encouraged by the governor's proposal.

"This won't solve the problem, but it's a good beginning coming out of the government for us," Ellinger said.

Support from research endowments also has increased, according to OARDC's 1992 annual report.

The research center can attract dollars for sponsored research, Ellinger said. It currently receives \$21 million, one-eighth of the total sponsored research at the university.

Two of the other three divisions of the college are also in the red.

The academic division has a \$327,000 deficit, Ellinger said. He contended that this is the only money that academic administrators in the college overspent.

"In principle, that is the only general funds budget deficit we have," Ellinger said.

The college is "handling" this deficit, said Ellinger, who has worked on seven deficit-reduction plans in his four years with the college.

The college has also seen its university funds slashed.

In 1989, the college's academic budget was reduced by almost 5

percent because of low enrollment. A deficit was projected at that time and a reduction plan was implemented, Agriculture officials said.

Since February 1991, the college lost 14.5 percent more of its instructional budget, officials said.

Part of the remaining deficit comes from the livestock rotaries and the meat lab in the Department of Animal Science. The department owes \$180,000, Ellinger said. Both areas are designed to produce earnings as well as provide academic opportunities.

Another portion of the \$8 million comes from the **Agricultural Technical Institute** in Wooster, an affiliate of the college. ATI has a \$610,000 deficit, Ellinger said.

The institute is projected to have a surplus budget this year, and its deficit should be corrected in two years, Ellinger said.

What's more, he said, the institute "abolished" eight positions through attrition.

Cuts in state funding have cost the institute 9 percent of its \$7 million budget since 1991, Ellinger said.

All university colleges and offices that have deficits resulting from overspending from budget sources other than the general funds budget are paying interest on what they owe, Shkurti said.

This means that the Agriculture college is paying interest on about \$7.7 million of its deficit.

College of Agriculture says overspending, funding cuts caused debt

Overspending and state funding cuts led the College of Agriculture at Ohio State University to its \$8.2 million debt, said John Ellinger, assistant vice president for agricultural administration.

Agriculture leads other OSU colleges in its debt load and makes up about 20 percent of the \$41.5 million debt of all colleges and academic offices.

The biggest part of agriculture's debt — about \$7 million — is in the Ohio Agricultural Research and Development Center.

The deficit began with overexpenditures on Ohio 21, a new research initiative designed to address emerging needs in agriculture, Ellinger said.

The center attempted to address the

FARM-TO-MARKET SUZANNE STEEL

deficit in the fall of 1989, but a subsequent state budget cut wiped out reductions.

Further cuts in 1991 and 1992 came at midyear or later, Ellinger said. "It was difficult to manage because it came late in the year." Since February 1991, the center has seen a 30.3 percent drop in expected state support, Ellinger said. A 19.5 percent reduction in state support announced last summer "really meant a \$4.4 million reduction in the annual rate," he said.

Throughout the college, about 290 positions have been eliminated.

The college has until 1998 to pay back the \$8.2 million, which OSU covered from its central fund.

Ellinger said the college hopes to manage the center's deficit through attrition and a limited number of layoffs. It also is considering the elimination of branch stations and the consolidation of operations.

The Agricultural Technical Institute, a two-year teaching program based in Wooster, has a \$610,000 debt, Ellinger said.

About half of that is already gone, Ellinger said, through abolishing positions and layoffs.

The four-year teaching program in Co-

lumbus has about a \$600,000 debt. About \$250,000 of that was a reporting error that should be \$2,500, Ellinger said. Another \$180,000 deficit occurred from low earnings from farm accounts. Agricultural administration accounted for a \$300,000 deficit in a common account used to pay costs for an early retirement program, he said.

OSU's Extension Service had a \$1.5 million surplus at the time the debts were tallied, but that surplus was not blended with the college's other debts. Most of that surplus is covering funding cuts within the service, Ellinger said.

Ellinger, who has been with the college 4½ years, has worked with eight budget-reduction plans. "It's been an extremely

difficult time for the organization as we try to look at our direction and where we're going from here," he said.

A compilation of local, state,
and national stories about
The Ohio State University
and issues concerning
higher education.

NEWS DIGEST

Published by the Office of
University Communications

Mary Lindner,
News Digest editor

AKRON BEACON JOURNAL MAR 02 1993

TODAY'S TOPIC: **Spring volunteers**

Helping the community is a priority for colleges

- Students will spend
spring breaks building
homes, helping victims,
and doing what is needed

BY ROGER J. MEZGER
Beacon Journal staff writer

They'll build houses, deliver food, explore environmental ethics and use mime to get people thinking about social issues.

While Hiram University students volunteer their labor in Michigan during spring break (see Page C1), students at other area colleges and universities also will find a variety of ways to use their time helping others:

University of Akron

About 15 members of the Habitat for Humanity chapter will head for Winston-Salem, N.C., on March 21 to help build a house from the ground up.

"I get pleasure out of helping other people," said chapter president Cheri Riggs, a junior in marketing and advertising. And when the week's work is done, "someone will be able to move in. That's worth skipping spring break for."

Ralph McNerney, who coordinates the university's Student Volunteer Program, said he doesn't

get a lot of requests during spring break, although the office directs student volunteers to agencies throughout the year.

Kent State University

Seven student members of a mime group organized by United Christian Ministries will set out for Florida March 19 with their adviser, the Rev. Charles Graham.

At performances in Melbourne, Orlando and Sarasota, the group will use mime as "a novel way of getting people involved in critical thinking about their faith," Graham said. Using gestures and facial expressions but no words, students will act out story lines that are at times religious and at other times address social themes such as hunger and AIDS.

Previous trips have taken the group to states including the Carolinas, Delaware, Tennessee, Wisconsin and Pennsylvania.

Jeff Schaffer, a lay minister at the Newman Catholic Center, will accompany six KSU students to the Catholic Worker House on Cleveland's near west side.

From March 21-23, the students will learn what it's like to live in an inner-city neighborhood and help at several institutions that assist the poor, the homeless and the terminally ill.

OSU Agricultural Institute

More than 40 students from the Ohio State University/Agricultural Technical Institute in Wooster are heading to Florida to help victims of Hurricane Andrew.

"Basically, it's to help people in need," Michelle Geiger, a student from Randolph, said of the trip to Florida City, south of Miami. "If I were hurt, I'd want someone to help me."

Though less than 10 percent of the school's approximately 800 students are women, nearly 25 percent of those making the trip are females.

By going, the students earn three credit hours toward their social science requirements. They have to chip in \$20 each in gas money, but their lodging is free — tents or, if they're lucky, dormitories provided by People Helping People, a grass-roots hurricane relief organization.

"I look at it this way," Geiger said of the one-star accommodations. "It's not for me that I'm going down there, so it doesn't have to be pleasing to me."

Social science teacher D.E. Stewart, who also is a minister with Interfaith Campus Ministries, and construction teacher Jim Carr are organizing the trip.

Two-Year Ag Degrees Gaining Popularity

Ohio State's Agricultural Technical Institute provides an alternative to traditional agriculture education.

by Lynn Echelberger



The Ohio State University Agriculture Technical Institute, located in Wayne County, offers students 20 technical programs on a 50-acre campus and operates a 1,873-acre farm laboratory.

THERE IS an alternative for the student who wants an education that provides hands-on experience in a two-year program. And the success of this alternative speaks for itself: Ohio State University's Agricultural Technical Institute (ATI) graduates boast a 92 percent employment rate.

If a student wants to learn how to train horses, buy swine, landscape a home, repair hydraulic equipment or start his or her own lawn-care business, OSU/ATI is a place to consider. OSU/ATI has 20 program areas and 1,873 acres to farm in Wayne County.

According to 1979 graduate Tom Richey, currently a vocational

agriculture teacher in Columbiana County, if a student has an interest in agriculture, there are "lots of things happening here [OSU/ATI]." Richey's enthusiasm for the school is strong—he brings his students annually to the campus for a tour.

Academics

Horticulture at OSU/ATI is the largest program east of the Mississippi. According to Mark Thompson, marketing and promotions coordinator of continuing education, there are more horticulture majors at OSU/ATI than at the Columbus campus, with nearly one-third of all OSU/ATI students enrolled in this program. Turf management is the second largest program.

To complement courses, the school houses its own library and computer center as well. The power equipment lab, computer-aided design lab, woodworking shop and florist shop all are there for students to get "hands-on" experience. Students have created all of the landscape and garden design on campus. Most of the faculty possess industry experience to share with students.

Internships

All students must complete a 16-week internship, usually after completing their first year of school. Kent Hammond, coordinator of landscape contracting and construction, said students in his program have completed internships at Disney's Magic Kingdom and Epcot Center, Opryland, Cedar Point and travelled as far away as Colorado and California.

The Farm

Located five miles southeast of campus, the 1,873 acre farm is the home of OSU/ATI's beef operation, dairy operation, farrow-to-finish swine operation, sawmill, nursery, beehives and 900 tillable acres.

Terry Meek, swine herdsman, said student involvement is the priority. Once the students get started, "We give them a lot of rope." He said students make the decisions concerning farrowing and breeding. Meek said the staff is there only "to head-off big mistakes, but we make them feel like 'it's yours.'"

Meek said if a student does a good job at OSU/ATI, he or she can be placed in a job easily, and cur-

CON'T ON PAGE 5

rently there are plenty of jobs as system managers.

The equine program provides a realistic aspect for students, said John Zisk, manager of horse operations. Even though many students come to learn to ride, they are exposed to everything, from fixing fences to feeding and grooming the animals.

Student Life

Kathy Maksymicz operates and coordinates the programs in the student life area. "Perks" for the students have included discount rates on movie tickets, tent rental from nearby Mohican State Park and Welcome Week activities during autumn quarter. OSU/ATI also offers a wide variety of intermural sports.

The Future

Looking ahead, Bill Anderson, dean of OSU/ATI, said a new student apartment village and conference center are in the works. With the strong freshmen enrollment recently and the need for housing for visiting professors, graduate students and ATI students, the village would house an additional 225 people jointly with the Ohio Agriculture Research and Development Center.

The conference center is tentatively scheduled for completion in 1998. Anderson hopes it will serve as a hub for agriculture and agribusiness interaction and communication. The combined OSU/ATI and OARDC effort already has private support funds and needs to reach the \$2.3 million mark.

Anderson said a two-year education has changed considerably in the eyes of employers. Of 800 employers surveyed in Minnesota, by a 4 to 1 ratio they preferred a two-year degree employee over a four-year degree employee. He said students meet the qualifications, which is why placement is so high. "We [OSU/ATI] supply them with what they want," he said, and students have upward mobility. The two working together are "a beautiful blend." ♦

Continuing Education

Ohio State University is committed to its agricultural continuing education program, housed solely at OSU/ATI.

Meeting needs is the focus of the office: If there is a program or development aspect a person or business is interested in, Mark Thompson, marketing and promotions coordinator, and his co-workers will develop a program around it.

Most often the classes are taught by OSU/ATI faculty. The programs were initiated in 1988 with nearly 800 served. Last year, more than 2,000 students, ranging in age from 20 to 60, furthered their skills. For those 60 and over, a special *Program 60* option is designed so that individuals can enroll at no cost for no college credit for the class (with professor permission).

According to Kimberly Sayers, continuing education coordinator, the typical person interested in continuing education is non-degree seeking, usually looking to develop a personal interest or hobby, re-enter the workforce or seeks career advancement or career change.

OSU/ATI offers flexible class times, and instructors are willing to travel around the state to perform classes and seminars, Thompson said.

Outside ag-related programs, continuing education also offers topics ranging from accounting to team-building to presentation tips. Sayers said there is now a need at some companies to assist employees with basic skills development such as problem solving, math and reading and how it applies to a specific job.

Thompson asks interested parties to contact him at 1-800-647-8283. ♦

For more information on financial aid, scholarships, course offerings, fees or to request an application for admission, call the OSU/ATI admissions office at 1-800-647-8283.



ATI Begins Use of LCS Circulation

The Agricultural Technical Institute (ATI) in Wooster has begun using LCS to circulate materials from its library collection. In addition to local charging and discharging, ATI will have the capability to page materials from the University Libraries on the Columbus campus and will follow the same procedures now used for pages placed by the Mansfield, Newark, and Marion campus libraries. When requesting materials from ATI, again use the procedures in place for requesting materials from any other of the regional campus libraries.

*Ella Copeland
Jennifer Younger*

Shoppers won't get stung at this sale

The University's Honey Bee Lab at Wooster is all abuzz about its fifth annual Holiday Honey Sale at the Columbus campus during six days in November and December.

Honey, candles, beeswax furniture polish and even beeswax Christmas ornaments will be sold at three locations.

On Nov. 16 and 30, the honey sale will be held in the Baker Systems Engineering Building main lobby; Dec. 1 and 7, in the Department of Entomology lobby, 105 Biological Sciences Building; and Dec. 2 and 13 in the 4-H Lobby on the Agriculture Administration Building ground floor.

Items for sale are on display in the Ohio Union, the University Bookstore, the College of Agriculture Administration Building, and the Department of Entomology.

For a price list or details, call Sherry Ferrell or Dave Heilman at 295-3684 or (216) 263-3684.

ATI proposal consolidates divisions

A proposal for restructuring at the Agricultural Technical Institute became a test case for the Council of Academic Affairs, which soon will begin studying reorganization proposals in earnest.

College deans must hand in restructuring plans to the Office of Academic Affairs before Feb. 1. Because the plans relate to academic organization, CAA will evaluate many of their aspects.

CAA approved the ATI plan at its meeting Jan. 5 only after council members closely questioned two administrators about the impact on students and about the faculty role in making decisions.

At its Wooster campus, ATI offers two-year associate degrees in more than a dozen programs. ATI reduced five divisions to three be-

See ATI, page 5

onCampus • January 13, 1994 • 5

cause of low enrollment and small numbers of faculty in some divisions, and duplication of administration, said Arnold Mokma, assistant director of ATI.

"How do you know that this (organization) will be better?" asked council member Lynne E. Olson, associate professor of veterinary physiology and pharmacology. "What benchmarks will you use?"

Mokma pointed out that ATI administrators and faculty intended "to make the restructuring transparent to students, and if the plan is good, students will not realize the changes because they don't have a direct impact on courses."

In its written proposal, the ATI Administrative Restructuring Team said having three divisions will help match courses with laboratory facilities and reduce duplication of purchasing and accounting. Because there will be fewer divisions

to run, money for administrative salaries will be saved.

The changes will enhance enrollment because students will be more satisfied with services and courses, the team argued. Also, the institute can set up more liaisons with other colleges, industry, and other University units.

Council members were interested in how faculty opinions influenced the proposal.

William A. Anderson, director of ATI, said the 39 faculty members had a chance to vote by ballot. The final vote, 20 to 14, "was not a landslide, but it was a majority," he said.

"There was ample opportunity for individuals to give their input; in fact, there were more than 12 plans from faculty and staff," in addition to three preliminary proposals from the restructuring team, Mokma said.

The proposal moves now to the University Senate. If approved, it will be taken to the Board of Trustees for a vote.



NEWS

News Services
1125 Kinnear Road
Columbus, OH 43212-1153
Phone 614-292-2711
FAX 614-292-0154

For release

4-8-94

**ACTIONS OF THE BOARD OF TRUSTEES ON APRIL 8:
ATI TO OFFER FIRST YEARS OF BACHELOR'S DEGREE, ATI RESTRUCTURING,
GRADUATE PROGRAMS IN TOXICOLOGY, MISCELLANEOUS BUSINESS**

ATI to Offer First Years of Bachelor's Degree

COLUMBUS -- If the Ohio Board of Regents approves, students enrolling at The Ohio State University's Agricultural Technical Institute in Wooster will have the option of completing two years of credit towards a bachelor's degree.

The Ohio State Board of Trustees Friday (4/8) approved a two-year Associate of Science degree program that would allow students interested in agricultural careers to transfer prescribed courses to a four-year program to complete the requirements for a Bachelor of Science degree.

The new program will expand opportunities for students interested in careers in agriculture, according to William Anderson, associate dean and director of the institute.

He noted that ATI was designed as a two-year school training students for careers in the technical fields of agriculture. Currently, students earn an Associate of Applied Science degree. However, some students have been interested in pursuing a bachelor's degree.

"This is a shift in the mission of ATI," he said. "Our primary mission is still to provide that (two-year) terminal degree, but now we have the opportunity to provide a transfer program to students wanting a bachelor's degree."

Pending Regents approval, students who enroll at ATI in autumn 1995 will choose between the two associate degree programs and generally will take separate liberal arts courses. Anderson expects demand for the technical program will continue, but that about 40 students a year will opt for the new program.

About a dozen students annually transfer to the College of Agriculture on the Columbus campus, but lose some course credits in the process. Those who opt for the Associated of Applied Science degree and then decide to transfer will still have difficulties. However, faculty advisers will counsel future

students to help them enroll in the degree program that best fits their needs.

"As ATI has matured and the needs of the agricultural industry and the college have changed, we've provided an extra portal of entry to the college for students who love agriculture," said L.H. Newcomb, associate dean for academic affairs in the college.

"It also will be advantageous for students in northeastern Ohio who want to attend two years of college close to home and for students who want a more hands-on approach to their education."

Students will be able to complete some general education requirements and certain agricultural courses during their first two years at ATI, Newcomb said, taking the same courses offered on the Columbus campus. Examples include English composition, college algebra, chemistry, biology, history, music appreciation, and rural sociology. Instructors will be governed by their respective departments on the Columbus campus.

"Many departments on the Columbus campus have approved ATI faculty to teach the courses," Newcomb said. "We are using the regional campus model for approval. The home department has the final say about who teaches the courses."

The new program evolved out of a concern of many students who wished to go beyond the associate's degree to seek a four-year degree and found that some courses were not transferable. In addition, many agricultural organizations in the state did not understand why ATI did not offer a transfer program.

Anderson said the program also addresses the desire of the Board of Regents for two-year technical schools to also offer their communities the first two years of a bachelor's degree.

ATI offers the most comprehensive array of agricultural technical programs in the state. The College of Agriculture at Columbus offers Ohio's only public four-year program in agriculture.

ATI Restructuring Approved

The Board of Trustees also approved the Agricultural Technical Institute's proposal to restructure from five divisions to three.

The realignment will improve internal efficiency, reduce duplication of administrative functions such as purchasing and accounting and reduce administrative costs, according to college officials. They added that the reorganization will enhance ATI's ability to meet student expectations while maintaining

DEGREE PROGRAM -- 3

credibility with employers and the industries served by the institute.

The restructuring plan is the first of several expected from colleges to come before the board in the coming year. Ohio State is undergoing a university-wide restructuring program. Some restructuring of academic support services has occurred in the past two years and will continue.

Under the ATI realignment, the divisions of Agricultural Business Technologies, Animal Industries Technologies, Engineering Technologies, and General Studies will be reduced to two: the Division of Agricultural Technologies, and the Division of Arts and Science and Business Technologies.

Agricultural Technologies will offer academic programs in construction, fluid power, power equipment, dairy production and management, horse production and management, beef production and management, swine production and management, crop management and services, and environmental resources management. Soils courses also will be offered.

Arts and Science and Business Technologies will offer academic programs in agricultural commerce, food marketing, and laboratory science, and courses in business, computers, communications, mathematics, biology, chemistry, entomology, physics, and social science.

The Division of Horticultural Industries Technologies will be renamed the Division of Horticultural Technologies. That program will maintain its programs in floral design and marketing, greenhouse production and management, landscape construction and contracting, nursery management, and turfgrass management.

Faculty approved the reorganization last year by a vote of 20-14.

ATI degree to be more transferable

By Tom Spring

If the Ohio Board of Regents approves, students enrolling at the Agricultural Technical Institute in Wooster will have the option of completing two years of credit towards a bachelor's degree.

The Board of Trustees April 8 approved a two-year Associate of Science degree program that would allow students interested in agricultural careers to transfer prescribed courses to a four-year program to complete the requirements for a Bachelor of Science degree.

Trustees also approved ATI's proposal to restructure from five divisions to three. The restructuring plan is the first of several expected from colleges to come before the board in the coming year.

The new degree program will expand opportunities for students interested in careers in agriculture, according to William Anderson, associate dean and director of the institute.

He noted that ATI was designed as a two-year school to train students for careers in the technical fields of agriculture. Currently, students earn an Associate of Applied Science degree. However, some students have been interested in pursuing a bachelor's degree.

"This is a shift in the mission of ATI," he said. "Our primary mission is still to provide that (two-year) terminal degree, but now we have the opportunity to provide a transfer program to students wanting a bachelor's degree."

Pending regents approval, students who enroll at ATI in autumn 1995 will choose between the two associate degree programs and generally will take separate liberal arts courses. Anderson expects demand for the technical program will continue, but that about 40 students a year will opt for the new program.

About a dozen students annu-

ally transfer to the College of Agriculture on the Columbus campus, but lose some course credits in the process. Those who opt for the Associate of Applied Science degree and then decide to transfer will still have difficulties. However, faculty advisers will counsel future students to help them enroll in the degree program that best fits their needs.

"As ATI has matured and the needs of the agricultural industry and the college have changed, we've provided an extra portal of entry to the college for students who love agriculture," said L.H. Newcomb, associate dean for academic affairs in the college.

"It also will be advantageous for students in Northeastern Ohio who want to attend two years of college close to home and for students who want a more hands-on approach to their education."

The realignment down to three departments will improve internal efficiency, reduce duplication of administrative functions such as purchasing and accounting and reduce administrative costs, according to college officials. They added that the reorganization will enhance ATI's ability to meet student expectations while maintaining credibility with employers and the industries served by the institute.

The divisions of Agricultural Business Technologies, Animal Industries Technologies, Engineering Technologies and General Studies will be reduced to two: the Division of Agricultural Technologies, and the Division of Arts and Science and Business Technologies.

The Division of Horticultural Industries Technologies will be renamed the Division of Horticultural Technologies. That program will maintain its programs in floral design and marketing, greenhouse production and management, landscape construction and contracting, nursery management, and turfgrass management.

Don't forget to buy your honey for gifts

It's time for the sixth annual Holiday Honey Sale, sponsored by the Honey Bee Lab at the Wooster campus, and just in time for gift-shopping season.

The sale offers an assortment of beeswax candles, honey candy, "honey stix" and different varieties of honey. Products will be displayed in the Ohio Union lobby, 100 Ag Administration Building, Botany and Zoology Building and University Bookstore.

Sales will be Nov. 15 and 29 in the 4-H Lobby of the College and Food, Agriculture and Environmental Sciences; Nov. 16 and 30 in the main lobby of Baker Systems; and Nov. 17 and Dec. 1 in the main hallway of the Botany and Zoology Building. Hours at each site will be 10 a.m.-4 p.m.

For information or to order, call Sherry Ferrell or Dave Heilman at 295-3684 or (216) 263-3684.

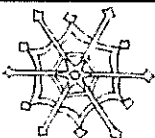
OSU's HONEY BEE LAB

Wooster Campus

12th Annual Holiday Honey Sale!!!

Do you need to buy a present, you're not sure what to get, and you have a limited budget? Well... the answer is at the Holiday Honey Sale. There will be something for everyone. An assortment of beeswax items, candy, stix, gift packages, and varieties of honey. *Look for us at one of the dates and locations below:*

<u>Dates</u>	<u>Columbus Locations</u>	<u>Columbus Display Locations</u>
Nov. 13 & 27	<i>B & Z Building - Dept. of Entomology</i> Main Hallway 1735 Neil Ave.	B & Z Bldg - Dept. of Ento. 103 B & Z 1735 Neil Ave.
Nov. 14 & 28	<i>Baker Systems</i> Main Lobby 1971 Neil Ave.	Baker Systems Main Lobby (Display Cabinet) 1971 Neil Ave.
Nov. 15 & 29	<i>College of Food, Agricultural and Environmental Sciences</i> 4-H Lobby 2120 Fyffe Road	College of Food, Ag, & Environ Sci Ag Admn Bldg - Room 100 2120 Fyffe Road
Nov. 16	<i>Drinko Hall - College of Law</i> Main Lobby 55 W 12th Ave	Drinko Hall - College of Law Room 220 55 W 12th Ave
Nov. 30	<i>Arps Hall - College of Ed</i> Main Lobby 1945 North High St	
<i>Hours for above dates: 10 a.m. to 5 p.m.</i>		
Dec 12	<i>"Hidden Benefits Fair"</i> <i>French Field House</i> Hours: 410 Woody Hayes Dr. 11 a.m. to 2 p.m.	
		<u>Wooster Locations</u> ATI - Bookstore - Skou Hall Sale Dates: Nov 13 to Dec 31 Hours: <i>M-Th</i> : 8 a.m. to 4:30 p.m. <i>F</i> : 8 a.m. to 3:30 p.m. Honey Bee Lab - Sale Dates: Dec 3 to Dec 7 and Dec 14 & 17 to 19 Hours: 11 a.m. to 3 p.m.



ACCEPTED FORMS OF PAYMENT: *Cash, Check, or 100W*

OSU horticulture raking in rankings

By Amanda Appleton
Lantern staff writer

Ohio State's reputation as a leading floriculture school is in full bloom.

OSU's Agricultural Technical Institute was listed in the February issue of GrowerTalks magazine as one of the 12 best schools in the country for the study of horticulture, said Robert McMahon, associate professor of horticulture and the institute's greenhouse technology coordinator.

"It is very satisfying to be listed in a national trade publication," said Gary Anderson, professor and chair of the Division of Horticulture Technologies.

Anderson said GrowerTalks is widely recognized in the field of horticulture.

"It's an exemplary program for students in this area," Anderson said.

Students majoring in horticulture can specialize in greenhouse production and management, landscape contracting and construction, floral design, turf grass management or nursery production, McMahon said.

"Our greenhouse program trains graduates for grower and manage-

ment positions, and they gain valuable experience growing floriculture crops in our five production greenhouses," he said.

The institute, located in Wooster, provides two-year programs and has 750 students currently enrolled, McMahon said.

Of the total number of students, 337 are involved in the horticulture program, he said.

"The two-year degree will carry a lot of weight for me," said Brian Sylvester, a second-year greenhouse production and management major.

Sylvester said OSU's reputation for agriculture will help him secure a job.

"Vic Ball [the article's author] is the father of modern floriculture in the U.S., so his opinion means a lot," Sylvester said.

As indicated in the GrowerTalks article, the demand for floriculture graduates is increasing, McMahon said.

"Upon graduation, my students are eagerly snapped up by the industry," he said.

Horticulture students are required to do internships so they have hands-on experience in their area, McMahon said.

Sylvester is preparing to do his greenhouse internship this spring in the Netherlands.

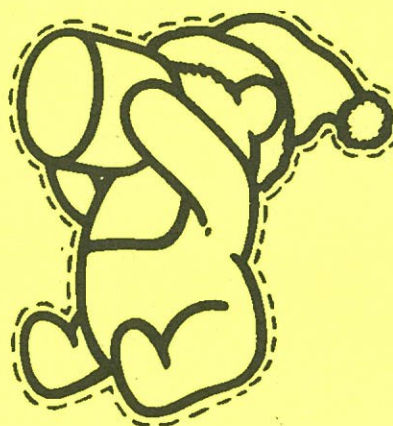
OSU's HONEY BEE LAB

Wooster Campus

17th Annual Holiday Honey Sale!!!

Do you need to buy a present, you're not sure what to get, and you have a limited budget? Well. . . the answer is at the Holiday Honey Sale. There will be something for everyone. An assortment of beeswax items, candy, stix, gift packages, and varieties of honey. *Look for us at one of the dates and locations below:*

<u>Dates</u>	<u>Columbus Locations</u>
Nov. 14 & 28	College of Biological Sciences Lobby 484 W 12th Ave
Nov. 15 & 29	Baker Systems Main Lobby 1971 Neil Ave.
Nov. 16 & 30	College of Food, Agricultural and Environmental Sciences 4-H Lobby 2120 Fyffe Road
Nov. 17 & Dec 1	Arps Hall - College of Ed Main Lobby 1945 North High St
<i>Hours for above dates: 10 a.m. to 5 p.m.</i>	
Dec. 6	"Hidden Benefits Fair" French Field House 460 Woody Hayes Dr. Hours: 11 a.m. to 2 p.m.



For an order form or questions call:
Sherry Ferrell (ferrell.6@osu.edu)

Columbus & ATI: 5-3684; OARDC: 3684;
or (330) 263-3684

Wooster Location

Honey Bee Lab -

Sale Dates: Nov. 21

Dec 8, 11, 12

Hours: 11 a.m. to 3 p.m.



ACCEPTED FORMS OF PAYMENT: Cash, Check, MC, VISA or 100W

Original-recipient: rfc822;ihnmat.1@osu.edu
 Date: Wed, 16 Jun 2010 08:51:25 -0500 (CDT)
 From: Frances Whited <whited.16@osu.edu>
 Reply-to: Frances Whited <whited.16@osu.edu>
 To: ihnmat.1@osu.edu
 Subject: 17th Annual ATI Scholarship Golf Outing
 Organization: The Ohio State University
 X-campaignid: Convio-poolb-osu-65521
 X-Gateway: poolb1
 XData: 1010,499tEE4@yMMee@4y4M@i-Wwjq-e
 X-ConvioDeliveryGroup: poolb
 X-Spam-Score: undef - 66.45.103.64 is whitelisted.
 X-CanIt-Geo: ip=66.45.103.64; country=US; region=TX; city=Austin;
 postalcode=78758; latitude=30.3840; longitude=-97.7073; metrocode=635;
 areacode=512; <http://maps.google.com/maps?q=30.3840,-97.7073&z=6>
 X-CanItPRO-Stream: ihnmat.1 (inherits from default)
 X-Canit-Stats-ID: 1052469220 - 37e8e53a18ea
 X-Scanned-By: CanIt (www . roaringpenguin . com) on 128.146.216.84



17th Annual Ohio State University Agricultural Technical Institute Scholarship Golf Outing

Tuesday, July 13, 2010
 8:30 a.m. Shotgun Start

[Hawk's Nest at Ohio State ATI](#)
 2800 E. Pleasant Home Road
 Creston, OH 44217

Format: Four Person Scramble

Cost: \$75 per person (\$300 per team). Includes greens fees, range balls, cart, continental breakfast, dinner, drinks and prizes.

Click [here](#) to register on line, or [here](#) to download a registration form. Please make checks payable to Ohio State ATI and mail to:

[Frances Whited](#)
 Ohio State ATI
 1328 Dover Road
 Wooster, OH 44691

Would your company or business like

to sponsor a golf hole?

Help students to reach their goal of attending college by supporting [Ohio State ATI](#) scholarships with a sponsorship for a golf hole. The cost is \$100 per hole. A sign on the tee with your name and company will let others know you support Ohio State ATI.

1328 Dover Rd.

Wooster, OH 44691-4000

T: (330) 287-1331 | Toll Free: (800) 647-8283 (in Ohio only) | E: ati@osu.edu

[Spam](#)

[Not spam](#)

[Forget previous vote](#)

[Unsubscribe from receiving email, or change your email preferences.](#)

LIVING ON CAMPUS

Ohio State ATI

College of Food, Agricultural, and Environmental Sciences

ATI Housing Office: 330-287-7504 - Mick Steiner - Housing Coordinator - steiner.255@osu.edu

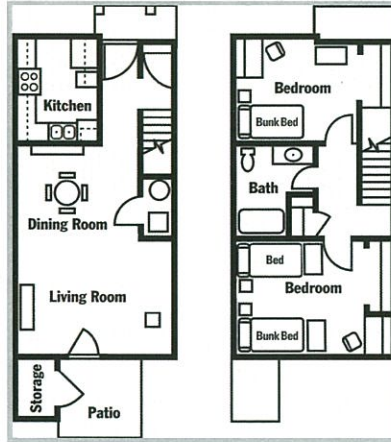
Floor Plans

1



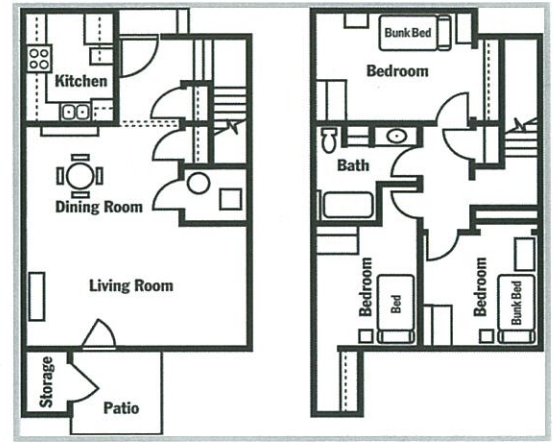
1 Bedroom, 2 Students*
*limited availability

2



2 Bedroom, 5 Students*
*Single bed in the bedroom is lofted

3



3 Bedroom, 5 Students

Room Rates and Fees

THE DEADLINE TO CANCEL YOUR CONTRACT IS JUNE 1, 2016.

All fees shown on the website should only be used for general planning purposes. All university fees are subject to approval by The Ohio State University Board of Trustees, and rates for the 2016-2017 academic year have not been approved.

Fees for housing are assessed each academic semester and are due at the same time as tuition:

- Autumn Semester: 8/16/16
- Spring Semester: 1/3/17

Students are responsible for checking their university account prior to each semester and forwarding fee information to family members or to those responsible for making timely payment.

Dining Options

Dining plans are under review. The selection process for 2016-2017 dining plans will take place at a later date; watch the student's university e-mail for updates.

CAFÉ CARMEN: (located in Skou Hall)
Monday—Friday — 7:30 a.m. to 3:30 p.m.
Breakfast — 7:30 a.m. to 10:30 p.m.

Info to Know on the Go

Housing assignments are based on the date that the completed contract and payment are received by University Housing Services in Columbus. It is to the student's advantage to submit their contract and payment as soon as possible. **BEGINNING AUTUMN 2016:** Second-year students (2016 high school graduates) must live on campus in Columbus.

Contracts cancelled before June 1 will have \$150 of the \$300 space reservation fee returned.

Keep in mind few one bedroom apartments will be available to first-year students because returning students are given priority based on cumulative GPA, high school graduation date and credit hours earned.

Roommate requests must be mutual and should be submitted at the time the contract is completed. To select a roommate preference before June 1 and after a contract is submitted, contact housing@osu.edu. Requests received after June 1 will not be honored.

Housing assignments for autumn semester will be sent to the student's OSU email address in mid-July. You will receive contact information for your roommate(s) and we encourage you to reach out to plan who is going to bring what to campus.

Roommates are matched via the questions asked on the housing contract. Being your true self, not ideal self, ensures that best possible roommate match.

Who Does What?

COLUMBUS

- Housing contracts and renewals
- Roommate matching and preferences
- Billing: Room charges and fees
- Meal plan changes
- Approval for special accommodations

University Housing Services
350 Morrill Tower
1910 Cannon Drive
Columbus, OH 43210

(614) 292-8266
housing@osu.edu

ATI-WOOSTER

- General housing questions
- Mail and package services
- Maintenance service requests
- Room changes after the school year begins (3 week freeze)
- Roommate and conflict mediation
- Educational and social programming
- Campus resource referrals

ATI Housing Office
Applewood Village
1901 Apple Orchard Drive
Wooster, OH 44691

Mick Steiner
Housing Coordinator
steiner.255@osu.edu
(330) 287-7504

Timeline

Step 1: Check your OSU student email for your housing contract link once you are admitted to Ohio State ATI usually beginning in mid-March for Autumn and late-October for Spring.

Step 2: A \$50 filing fee and a \$300 space reservation fee is required for housing when submitting your contract. Contracts are completed online unless the student is under 18. Students under 18 must print their contract, have it signed by a parent or guardian and mail it to Housing Services. Roommate requests must be mutual.

JUNE 1 - Last day to cancel housing contracts and request roommates. Requests must be mutual and completed contracts must be received.

Step 3: Students are notified of roommate information starting in mid-July.

Step 4: Housing charges are placed on your student account following tuition. See above for fee payment deadlines.

 /ApplewoodVillage

No butts about it,
Buckeyes are tobacco free.

The Ohio State University, tobacco free inside and out.
Learn more at tobaccofree.osu.edu #healthyOSU



THE OHIO STATE UNIVERSITY

OFFICE OF STUDENT LIFE
UNIVERSITY HOUSING

College Credit Plus: The Academy Program at Ohio State ATI

The Academy Program is The Ohio State University's implementation of the state of Ohio "College Credit Plus" program. It is a partnership between Ohio State, the high school, and the student and his or her family. The Ohio State Academy Program allows talented high school students to enroll in coursework while still in high school.

Through the Academy Program, you can...

- Earn college credit at no charge while still in high school;
- Reduce the amount of time it takes to complete your degree;
- Reduce your overall tuition bill with credit you earn in the Academy Program;
- Earn official Ohio State University credit and have a college transcript and grade point average.

For the online application and additional details about the Academy Program, go to ati.osu.edu/academy.

Agricultural Technical Institute



THE OHIO STATE UNIVERSITY

COLLEGE OF FOOD, AGRICULTURAL,
AND ENVIRONMENTAL SCIENCES

Ohio State ATI | Office of Admissions
1328 Dover Road | Wooster, Ohio 44691-4000
330-287-1327 | Toll free in Ohio 1-800-OH-STATE
Ohio State ATI: ati.osu.edu/academy
Ohio State: osu.edu

WHAT ARE THE BENEFITS OF ENROLLMENT IN THE ACADEMY?

The Academy allows high school students to earn college credit at no cost to the student. The student will have an official college transcript and college credit that may be put toward a degree program. Other benefits include:

- Exposure to college faculty members
- Exposure to academic courses not available in most high schools
- Opportunities for transfer credit (especially between public institutions in Ohio)

WHAT ARE THE RISKS OF ENROLLMENT IN THE ACADEMY?

Students enrolled in the Academy will be taking “real” college classes, with the same expectations for academic performance as any other Ohio State student. Students will need to have time available in their schedule. Additionally:

- College coursework is more rigorous than high school, with a much faster pace.
- Faculty will expect students to read and do additional work outside of the classroom.
- Students may be asked to re-pay their school district for dropped or failed classes.
- Participation in college classes may take time away from other activities.
- Transportation is not provided.
- Courses taken while in high school are monitored under Ohio State’s Satisfactory Academic Progress (SAP) policy as required by federal regulation. Students who fail to meet the SAP requirements may lose eligibility for federal financial aid for their post-high school education.
- There may be GPA implications for course placement or for admission to certain programs in the future.

WHO IS ELIGIBLE TO PARTICIPATE IN THE ACADEMY PROGRAM?

Admission to the Ohio State Academy program will depend on the campus of enrollment.

Ohio State ATI in Wooster and Ohio State’s Regional Campuses: Admission to the Academy will be based on students meeting the college readiness standards as defined by the state of Ohio (www.ohiohighered.org/college-readiness). These standards are based on ACT/SAT scores as follows:

Readiness Area	ACT	SAT
English Sub Score	English – 18 or higher	Critical Reading – 450 Writing - 430
Reading Sub Score	Reading – 21 or higher	Reading – 450
Mathematics Sub Score	Math – 22 or higher	Math – 520

Columbus Campus: The Ohio State Academy on the Columbus campus follows the same competitive admission process as undergraduate admissions. High school students will be evaluated based on the following:

- High school curriculum and performance as shown by class rank and/or GPA
- Standardized college admissions tests: ACT or SAT (PSAT or Plan scores may also be used)
- Accelerated curriculum (Honors, AP, IB)
- Non-academic factors such as leadership, extracurricular activities, or outstanding talent; status as a first generation college student; ability and desire to contribute to a diverse campus; etc.

WHO SHOULD PARTICIPATE IN THE OSU ACADEMY?

Because students in the Ohio State Academy Program will be taking classes on campus and in classrooms with older students, it is important for families to discuss if this is the right option. Students will have a college transcript and grade point average that will follow them after participation in the program. We recommend that students who participate are:

- Motivated and mature, able to advocate for themselves and able to follow through on required work;
- Strong academic students, ready to take on the challenge of more difficult work and faster pace;
- Interested in topics beyond the subjects easily available in high school;
- Willing to devote extra time for the program, and possibly give up current extra-curricular activities.

WHAT CLASSES CAN AN ACADEMY STUDENT TAKE?

Academy students will be eligible to register for college courses for which they demonstrate readiness through placement tests, successful completion of prerequisite courses or other requirements as determined by Ohio State’s academic departments. To learn more about courses that are available at Ohio State, explore the course catalog and schedule of classes at <http://buckeyelink.osu.edu>. **Please refer to the back page for a list of suggested general education courses available on the Wooster campus, as well as a list of core courses for beginning Ohio State ATI majors or certificate programs.**

Academy students are not guaranteed enrollment in Ohio State courses. Admission into the Academy Program does not guarantee enrollment into a specific class at Ohio State. In fact, Academy students schedule classes after other Ohio State students, so some classes may be filled or have wait lists. Students may not be able to enroll in courses for a variety of reasons. Students will meet with an Academic Advisor prior to scheduling courses. The advisor will have final say in the number and type of classes a student may take in a given semester.

WHAT IS THE APPLICATION PROCESS?

To be considered for admission to the Academy Program, students must submit the following materials by the deadline:

1. Completed online application, including a 300-word essay
2. Completed High School Information Form, downloaded from the Academy website and signed by the high school counselor or principal
3. Official transcript of high school coursework
4. Standardized test scores (ACT or SAT)

Note: Students must be residents of Ohio. International students who are currently enrolled in Ohio high schools are eligible to participate in the Academy Program.

APPLY ONLINE

1. Create your account or log in at go.osu.edu/academyapp
2. Scroll to the bottom of the list and select the Academy application.

APPLICATION DEADLINES

Autumn semester (begins in August): apply by May 1

Spring semester (begins in January): apply by November 1

FUNDING DETAILS

- Students who attend a public high school must submit an “intent to participate” form with their high school by April 1 of the year prior to participating.
- Students who attend a non-public high school or are home-schooled must apply to the Ohio Department of Education for funding once they have been admitted. This funding is available on a first-come, first-served basis.
- The local school district is responsible for the cost of tuition and books.

APPLYING TO OHIO STATE AFTER HIGH SCHOOL GRADUATION

Admission to the Academy Program does not imply or guarantee admission to the Columbus campus of The Ohio State University as a degree-seeking student.

FOR MORE INFORMATION, CONTACT:

- Ohio State ATI Wooster: Jill M. Byers, Admissions Counselor
(330) 287-1228 or byers.28@osu.edu
ati.osu.edu/academy
- Ohio State Columbus: Michele C. Brown, Sr. Assistant Director, Enrollment Services
(614) 688-4468 or brown.1112@osu.edu
undergrad.osu.edu/academy

Ohio State ATI Course Offerings for College Credit Plus Students

These courses do not have additional prerequisite courses and are good college entry points for Academy students. The requirement for all courses (general education and core) for Academy students is remediation-free status (unconditional admission). Placement testing may also be required in addition during the pre-enrollment process.

Suggested General Education Courses Available at Ohio State ATI

Course Number	Course Title	Gen Ed Category	Credit Hours
AEDECON 2001	Principles of Food and Resource Economics	Social Science	3
CHEM 1110	Elementary Chemistry	Natural Science, physical science with a lab	5
ENGLISH 1110	First Year English Composition	Writing and Communication, Level 1	3
ENR 2100	Introduction to Environmental Science	Natural Science, biological science	3
ENR 2300	Society and Natural Resources	Social Science	3
HCS 2201	Ecology of Managed Plant Systems	Natural Science, biological science with a lab	4
HCS 2202	Form and Function in Cultivated Plants	Natural Science, biological science with a lab	4
MATH 1130	College Algebra for Business	Quantitative Reasoning Math and Logical Analysis	4
MATH 1148	College Algebra	Quantitative Reasoning Math and Logical Analysis	4
MUSIC 2250	Music Cultures of the World	Visual and Performing Arts; Diversity, global studies	3
PSYCH 1100	Introduction to Psychology	Social Science	3
RURLSOC 1500	Introduction to Rural Sociology	Social Science; Diversity	3
STAT 1350	Elementary Statistics	Data Analysis	3

Core Courses for Beginning Ohio State ATI Majors or Certificate Programs

			Core Course in Major(s)/Certificate Program(s)		
Course Number	Course Title	Credit Hours	Associate of Applied Science	Associate of Science	Certificate
Agricultural & Engineering Technologies Division					
				Agricultural Systems Management Agriscience Education Horse Science Livestock Science Sustainable Agriculture	
ANMLTEC 2200T	Introduction to Animal Sciences	3			
CRPSOIL 2200T	Introduction to Sustainable Agriculture	2		Sustainable Agriculture	
				Agricultural Systems Management Agriscience Education Agronomy Construction Systems Management Environment and Natural Resources Horticultural Science Sustainable Agriculture	
CRPSOIL 2300T	Introduction to Soil Science	3	Crop Management and Soil Conservation Landscape Horticulture Turfgrass Management		
ENGTECH 2110T	Construction Drawings and Basic Estimating	1	Construction Management	Construction Systems Management	
ENGTECH 2214T	Fundamentals of Fluid Power and Components	4	Hydraulic Power and Motion Control Power Equipment		Hydraulic Service and Repair Sports/Commercial Turf Equipment
ENGTECH 2314T	Introduction to Power Equipment	3	Power Equipment		
Arts & Science & Business Technologies Division					
				Agricultural Business Food Business Management Community Leadership	
BUSTEC 2232T	Personal Selling	3	Business Management Floral Design and Marketing		
			Business Management Construction Management Crop Management and Soil Conservation Floral Design and Marketing	Agricultural Business Community Leadership Food Business Management	
BUSTEC 2244T	Human Resource Management and Leadership	3			
Horticultural Technologies Division					
			Floral Design and Marketing Greenhouse and Nursery Management Landscape Horticulture Turfgrass Management		
HORTEC 2110T	Plant Materials I	3			
HORTEC 2500T	Greenhouse Environment Control	4	Greenhouse and Nursery Management		
HORTEC 2600T	Commercial Floral Design	4	Floral Design and Marketing		

The four-story, 120-bed facility will have a student lounge, kitchen, laundry area, a 300-person event space and offices. The project will include a new pedestrian walking path that will link the campus core with the residential district. Construction is planned for completion in July 2017, just in time for the start of autumn semester.

The new Adena Recreation Center (<http://newark.osu.edu/news/adena-recreation-center-opens-monday.html>) opened its doors this past January, the first day of spring semester classes at Central Ohio Technical College (COTC) and Ohio State Newark. The \$3.7 million upgrade included updating the lobby, renovating the corridor leading to the south section of the building, enhancing the fire-alarm system, replacing bleachers in the gymnasium and purchasing new fitness equipment. The state-of-the-art recreation and fitness facility is free to students, faculty and staff.

Campus leaders are now exploring future projects, which include renovations to the oldest building on campus, Founders Hall (map/building.php?building=628), and the possibility of a new science facility.

ATI in Wooster: Growing the greenhouse



A new 5,400-square-foot greenhouse is a centerpiece of campus enhancements planned at Ohio State's Agricultural Technical Institute in Wooster (<https://ati.osu.edu/>).

Share A Regional Renaissance

(<https://twitter.com/intent/tweet?>

[uri=https://www.osu.edu/features/2017/a-regional-renaissance.html&text=A Regional Renaissance](https://www.osu.edu/features/2017/a-regional-renaissance.html&text=A%20Regional%20Renaissance)) ([mailto:?subject=From%20Ohio%20State:%20A Regional Renaissance&body=A Regional Renaissance %0A](mailto:?subject=From%20Ohio%20State:%20A%20Regional%20Renaissance&body=A%20Regional%20Renaissance%20) <https://www.osu.edu/features/2017/a-regional-renaissance.html>)

([http://www.linkedin.com/shareArticle?](http://www.linkedin.com/shareArticle?mini=true&url=https://www.osu.edu/features/2017/a-regional-renaissance.html&title=A%20Regional%20Renaissance&source=https://www.osu.edu/)

[mini=true&url=https://www.osu.edu/features/2017/a-regional-renaissance.html&title=A Regional Renaissance&source=https://www.osu.edu/](https://www.osu.edu/features/2017/a-regional-renaissance.html&title=A Regional Renaissance&source=https://www.osu.edu/))

(<https://plus.google.com/share?url=https://www.osu.edu/features/2017/a-regional-renaissance.html>)

Locate	Information	Centers	Administration	Facts	Interact
A-Z web site list (a-z-site-list.html)	Campus information (information.html#Campus-Information)	Academic (centers.html#Academic)	Diversity (administration.html#Diversity)	About Ohio State (https://www.osu.edu/visitors/aboutohiostate.php)	Blogs and RSS (rss-feed.html)
Academic calendar (http://registrar.osu.edu/staff/bishop/academiccalendar.html)	Employment (information.html#Employment)	Arts and cultural (centers.html#Arts-&Cultural)	Governance (administration.html#Governance)	High Points (https://www.osu.edu/highpoints)	Facebook (http://www.facebook.com/osu)
Campus map (https://www.osu.edu/map/)	News (information.html#News)	Medical (centers.html#Medical)	Initiatives (administration.html#Initiatives)		iTunesU (http://itunes.osu.edu/)
Colleges and schools (academics/a-z.html)	Newsroom (http://news.osu.edu/)		Offices (administration.html#Offices)		Twitter (http://twitter.com/OhioState)
Departments directory (https://www.osu.edu/departments/)	(for media) Policies (https://www.osu.edu/policies/)		University leadership (administration.html#University-Leadership)		YouTube (http://www.youtube.com/user/OhioState)
Majors and programs (http://majors.osu.edu/)	Safety (https://www.osu.edu/safety/)				