

WILSON GIFT AIDS RESEARCH

The Matilda R. Wilson Fund of Detroit has made a \$95,000 grant to Oakland University to purchase a complex research-teaching instrument.

The device is a nuclear magnetic resonance spectrometer. It is used to determine the molecular structure of compounds, and it has wide application in the classroom and in industry.

The Wilson Fund gift was the largest sum in \$156,005 in gifts and grants accepted by the OU Board of Trustees in the March 17 meeting on campus.

"Normally, a spectrometer of this type is not found outside of the larger research institutions. We are indebted to the Wilson Fund for making the purchase possible," Frederick W. Obear, academic vice president and provost, said. The spectrometer will be available for undergraduates as well as faculty use.

The Matilda R. Wilson Fund was first established by the university's benefactress, and it has been administered by trustees since her death in 1967. The fund has made more than \$1.5 million in grants to OU over the past decade alone to support the music festival, Meadow Brook Hall, a memorial library fund, an engineering chair, and other programs.

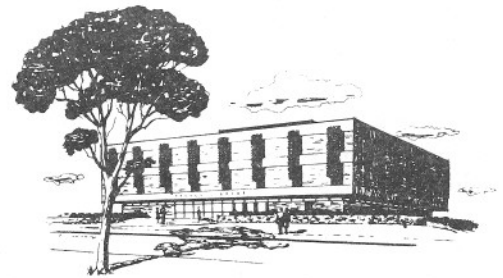
A & S REQUIREMENTS CHANGE

The Assembly of the College of Arts and Sciences has approved new general education requirements in its degree programs starting in fall, 1977.

The requirements approved March 29 change the number of general education credits required per degree program, and they prescribe specific courses for selection in each of the college's fields of study. Contrary to previous practice, no study area can now be neglected.

The changes are based on the principle that a liberally educated person should have some instruction in each of the college's fields of study. These fields are the arts, civilization, language and thought, literature, and the mathematical, natural, and social sciences.

The general education requirements follow: candidates for the Bachelor of Arts must complete 40 credits, candidates for the Bachelor of Science must complete 36 credits, and candidates for the bachelor's degree and a secondary education teaching credential must complete 24 credits in general education. Previously, students in every degree category completed 32 credits in general education.



April 5, 1977

OU NEWS

ROCHESTER, MICHIGAN

Women's Golf League

The Oakland University Women's Golf League will meet at noon, Wednesday, April 13, in 126 Oakland Center to elect officers for the year and discuss league fees and play.

The group has reserved a 5:15 p.m. starting time on Tuesday evenings at OU's Katke-Cousins golf course, beginning May 17.

New members, whether faculty, staff, or students, are welcome to attend the meeting. If you cannot attend but are interested in playing, contact Jean Lovell, 377-2292, or Elizabeth Conner, 377-3166, for information.

Lowry director speaks

Stephanie Riley, director of Lowry Child Care Center, was the keynote speaker at the Greater Detroit Cooperative Nursery spring conference, held March 19. Her topic was "Just Around the Corner," a look into the future of pre-schools from physical growth to dealing with society.

BIOLOGICAL SCIENCES EXPAND WITH UNIVERSITY

With the same scientific care followed in their research, the department of biological sciences has been expanding, one step at a time.

Since its inception in September 1964, the department philosophy, under its first chairman, Clifford Harding, and now under Nalin Unaker, has been to proceed slowly and cautiously, adding courses and faculty when and where warranted.

The department began teaching in January, 1965, with two full-time faculty members. Harding formulated the department's basic philosophy, which, Unaker says, is still followed today. That is that "direct involvement in experimentation and research on living systems is a meaningful and rewarding experience."

The department wanted a curriculum, Unaker says, "which would allow students to learn the basic scientific process. Research and teaching go hand and hand, and we believed the excitement of research should be brought into the classroom whenever possible."

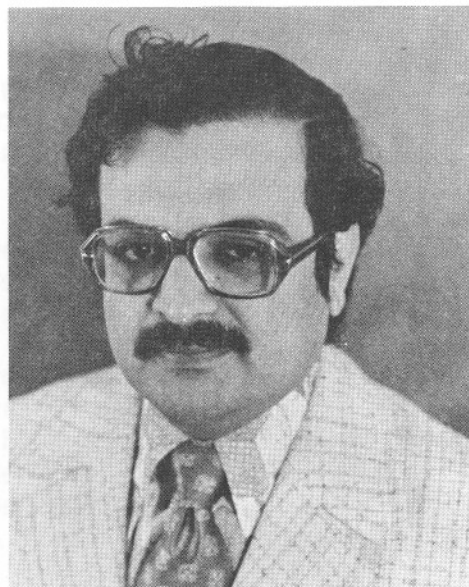
Starting with courses in the general area of cellular and molecular biology, the department then diversified into plant sciences, micro-biology, ecology, parasitology, and evolution, in response to student needs.

"We always saw ourselves as serving the students and the community. We feel this department should be the center for whatever happens on campus in the biological sciences."

Now, with 18 full-time faculty members, the biology department uses every bit of its space on the second and third floor of Dodge Hall. The nucleus of the department is research and faculty are hired with that in mind, Unaker says.

"Our teaching and service roles may change but we'll always emphasize research. It's an important ingredient for our role as teacher and in order to offer guidance to develop the university."

The research has been encouraged with national funding for both faculty and students. Faculty members in biological sciences have received three research career development awards from the National Institute of Health in the past 10 years, Unaker says. These pay a faculty member's complete salary and are given "only to the most competent scientists with outstanding potential," he says.



Nalin Unaker

Faculty members have been able to study multiple sclerosis, cataract development, and photo synthesis, among other projects, with the aid of funds from several research grants and foundations.

Undergraduate students have also benefited from research funds. In 1966, the university applied for a grant from the National Science Foundation (NSF) to encourage undergraduate research. During a three-year period, Oakland received \$250,000 from NSF to do just that.

Another NSF grant has paid some students tuition and a stipend to do summer research for five years in a row.

To encourage students to work on a professional level, the department has also hosted undergraduate research conferences the past seven years, where students make a 15-minute presentation and answer questions on their particular

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BOARD APPROVES NEW FACULTY

Four faculty appointments and three changes of status were approved March 17 by the Oakland University Board of Trustees.

The new faculty are Robert J. Goldstein, assistant professor of political science; Jean A. Mohan and Joyce Paape, instructors in nursing; and Keith E. Stanovich, instructor in psychology.

The appointments of Goldstein, Paape, and Stanovich become effective on August 15, while Mohan became a member of the faculty on January 3.

The following faculty members received changes of status: Patrick Johnson, associate professor of education, is now acting chairperson of the Department of Teacher Education; F. Edward Rice, director of the University Community Counseling Center, moves from assistant to adjunct associate professor of psychology effective August 15; and William White, former professor of speech communication, is now professor of communication arts and journalism.

In other action the board: approved a \$50 increase in room and board rates for the 1977-78 academic year; authorized the university president to apply for a liquor license for Meadow Brook Hall, as permitted under Public Act 417 of 1976; authorized the university to enter into a nurses training contract with Holy Cross Hospital; and established a \$5 special course fee for students taking a spring and summer session course by newspaper.

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project. More than 70 such presentations have been made.

Since the department now feels it has a solid base, it is beginning to expand once again, in response to student needs, and as funds allow. Classes are being developed in career-oriented areas such as health sciences, nursing, and medical technology. The department is also taking a closer look at its current curriculum requirements for all students.

"In the early years, we adopted a 'smorgasbord' curriculum, and had freshman courses everyone had to take. After that, students were free to choose and balance their courses, with an advisors guidance, according to their vocational goals.

"We're now taking a critical look at our curriculum. We feel it's the right time. We've gone through a fast growth period, now we're pausing, looking back to see if that philosophy should be changed."

f.y.i....

- The university orchestra performed a pair of youth concerts recently at George F. Roberts elementary school in Utica. The orchestra performed works by Wagner, Copland, and Stanley Hollingsworth of Oakland's music department.
- David G. Lowy, psychology, recently delivered a series of four lectures to medical residents in family practice at St. John's Hospital. His topic was "Psychopathology of Childhood."
- For sale: Four-bedroom colonial on large, landscaped lot, fireplace, 2-car garage, near lake. Shown by appointment only, 375-9394.
- James Dow, anthropology, published an article entitled "Systems Models of Cultural Ecology" in the December issue of Social Science Information.
- For rent: Bi-level with 2-car attached garage, 606 Sorbonne, \$400 per month plus utilities. Contact Addie Nowacki, business office, 377-2241, by April 19.
- For sale: Colonial with 2-car attached garage, 625 Cambridge Drive. For additional information contact Addie Nowacki, business office, 377-2241, by April 19.
- Charlie Brown's is still collecting money to adopt a penguin from the Detroit Zoo. The penguin was the overwhelming choice of students several weeks ago when asked which animal they would like to adopt.

OU news calendar April 5-18

cultural events

- 5-18 Meadow Brook Art Gallery exhibits Experimental Printmaking
- 5-17 Meadow Brook Theatre presents The Show-Off
- 6 Arts and Craft Series, 11am-1pm, Exhibition Lounge, Oakland Center
- 6 Student Recital, 8pm, Varner Recital Hall
- 7-9 Four by Tennessee will be presented by the ADA in 130 Varner Hall
- 10 Meadow Brook Mansion Easter Bunny will give out candy 1-5pm
- 15 Concerto Concert, 8pm, Varner Recital Hall
- 16 OU Chorus in Concert, 8pm, Varner Recital Hall
- 17 Jazz Festival, all day in Varner Recital Hall
- 18 Faculty Operetta Gala, 8pm, Varner Recital Hall

campus activities

- 5 A presentation on children's literature by Lynd Ward and May McNeer, noon, Lounge II, Oakland Center
- 7 Conversation with Stella Kahn, "Russian Refusenik," noon, 19E Oakland Center
- 7 "Middle East Situation and Oil Crisis," lecture, Hayfa F. Fakhouri, 2pm, Fireside Lounge, Oakland Center
- 9 Dorm Party, 5pm, Meadow Brook Club House
- 12 Road Rally, 3pm, North Foundation Parking Lot, OU Engineering Society
- 15 Battle of the Bands Beer Bash, 3pm, Barn Theatre, Students for the Village
- 19 Performance, film, 8:30pm, Gold Room, Oakland Center

OU sports

- 5 Pinball Tournament, noon, Pickwick, Oakland Center
- 8 Men's baseball vs Northwood, 1pm
- 8 OU tennis at WSU, 3pm
- 9 OU tennis at WSU, 9:30am
- 15 OU tennis vs Elmhurst, 3pm
- 16 OU tennis vs Northeastern, 9:30am
OU tennis vs Ferris State, 1pm
- 16 Men's baseball vs Hillsdale, 1pm