

OU NEWS

May 9, 1978

Spectrometer aids research

New avenues for student-faculty research and teaching are open to the Department of Chemistry with the acquisition of a \$90,000 spectrometer.

The versatile instrument is being used as an undergraduate teaching tool and for complex research that varies from the identification of substances that will form natural insecticides to cancer research.

The Varian FT-80 Fourier Transform Nuclear Magnetic Spectrometer was purchased with gift money from the Matilda R. Wilson Fund of Detroit. The fund has made more than \$1.5 million in grants to OU over the past decade for the purchase of books, scholarships, and support of Meadow Brook Hall.

The FT-80 allows a student or faculty researcher to investigate the chemical structure and reactivity of over 40 elements as a function of chemical environment and temperature, according to R. Craig Taylor of the chemistry faculty.

Since its inception the chemistry department has emphasized the importance of teaching and research in producing students that can handle a wide variety of roles upon graduation and it has encouraged research participation by the undergraduates. This program was recognized by the National Science Foundation as early as 1962, and it has been supported by the NSF almost continuously since that time.

"One of the problems in main-

taining this high quality program has been the need to introduce students to an ever increasing complexity of research techniques and instrumentation," Taylor said.

He called the FT-80 a perfect example of that new instrumentation, the kind that was coming into routine academic and industrial use and as such, it is important that students be instructed in its operation.

The FT-80 uses a small computer for control of the experiment, for data acquisition, and for analysis. In using the instrument students realize the importance of all three functions in conducting a valid experiment. In addition, the data is accumulated and analyzed much more quickly in the FT-80 than raw data from conventional instruments, Taylor said.

The FT-80 is being used in a variety of department research projects including: the characterization of new platinum complexes with potential carcinostatic (cancer producing) properties; the identification and characterization of biologically significant natural products from insects, substances that can be used as natural pesticides; and the interpretation of spectra resulting from radiation damage in biologically important molecules.

In addition, a number of co-operative research efforts are underway with professionals from other educational institutions and from industry.

IN THE SPOTLIGHT

The contemporary drama "In the Boom Boom Room" will be presented by the Student Enterprise Theatre for a nine-night run starting June 2.

The David Rabe work examines the social mores of the 1960s with the action of the play centered around a go-go bar.

Jack Kroll of *Newsweek* stated that the play "Is an extraordinarily moving play, full of moral courage with remarkable insight into women."

Students who have featured roles in the production are Frank D. Kells as Al and Beth Taylor who portrays Susan. Both are residents of Pontiac. Kim Rust, an alumna of OU from Pontiac, has the principal role of Chrissy, with Hal Robinson, a community member from Sterling Heights, playing Harold.

Other students in the cast are Morris W. Weinner and Larry Peters of Birmingham; Patricia Hicok and OU alumna Martha Kent of Pontiac; Karen I. Swantek of Richmond; Gary Ed Mach an OU alumnus from Royal Oak; George Seedorff of Union Lake; Julianne Malama from Warren and Mel Gilroy, a public safety officer at OU from Rochester.

The student-community cast was selected following open auditions in which actors from surrounding communities were invited to participate.

"In the Boom Boom Room" will be presented Friday through Sunday the weekends of June 2, 9, and 16 in the Barn Theatre on campus. Curtain time is 8:30 p.m. Tickets are \$3 general admission and \$2 for OU students. Group rates are available. For information call 377-2245.

Oakland University will recognize 1,268 students in June 3-4 commencement ceremonies.

Commencement highlights include the granting of the Matilda R. and Alfred G. Wilson awards made annually to the outstanding female and male

graduates, the first commencement by the School of Nursing, and the awarding of the first Ph.D. degrees granted by the institution.

The university will continue its practice of holding individual ceremonies so that each academic unit can honor its graduates. The June 3 ceremonies follow: School of Education, 10 a.m., Baldwin Pavilion; School of Economics and Management, 11 a.m., Vamer Hall; College of Arts and Sciences, 1:30 p.m., Baldwin Pavilion; and School of Engineering, 4 p.m., Vamer Hall. The School of Nursing, the university's newest academic unit, will hold its ceremony at 2 p.m. on June 4 in Vamer Hall.

The ceremonies honor 961 undergraduates and 307 graduate students including three candidates for the Ph.D. in Systems Engineering. The university received state approval in 1972 for a Ph.D. in engineering, the institution's first doctoral program and the three June graduates are the first candidates for that degree.

Barbara J. Hoffman, director of conferences and institutes, has won the 1978 creativity award of the National University Extension Association. She was cited for the design and development of an innovative continuing education program "Focusing the Mind's Eye," a conference on the creative process for high school students.

The conference was held November 28, 1977, and it gave students an opportunity to become better acquainted with the elements of the creative process in the disciplines of art, writing, drama, and music. Guest speakers talked about the importance of developing individual creativity in all in addition to those creative fields of art, writing, drama, and music.

Hoffman became director of conferences and institutes two years ago after serving as educational coordinator for Michigan Artrain. She is a member of the leadership staff of the Creative Education Foundation headquartered at University State College in Buffalo, N.Y.

FOR YOUR INFO

Services for Mrs. Christina Meredith, a trustee of the Matilda R. Wilson Fund for more than 10 years, were held last Wednesday at the Verheyden Funeral Home.

Mrs. Meredith of Grosse Pointe Farms died at home April 30. In addition to serving as a trustee, Mrs. Meredith was also instrumental in founding the Girls Club of Metropolitan Detroit. She was an honorary president of the Auxillary of the Salvation Army and an honorary trustee of Children's Hospital.

She is survived by her husband, Nelson; a daughter, Mrs. Isobel MacDonald; and one grandson. Memorials may be sent to the Matilda R. Wilson Girls Club, the Salvation Army or the charity of the giver's choice.

The Board of Trustees is inviting any interested persons or university groups to participate in a discussion of the university's investment policy toward firms that have financial interests in South Africa. The board agreed at its April meeting that although OU financial interests were small, the issue was a moral one which should be discussed. The board meeting will be held May 24.

In its last meeting, the board also decided to preserve the Dodge farmhouse in an attractive and cost effective manner until such time as a suitable use for the structure can be found.

Sid Mitra's personal finance course, Economics 120, has been moved from 200 Dodge Hall to 472 South Foundation.

A prepaid greens fee plan for the Katke-Cousins Golf Course is available for Oakland faculty and staff. For \$225 for an individual or \$350 for a family, unlimited playing time on the golf course can be purchased. A payroll

deduction plan is available. Payroll deduction forms are available at the Sports and Recreation building or by calling 377-3190.

A one-time-only tour of "special" places on the Meadow Brook estate will be offered Thursday, May 18, for an equally special reason. The Oakland University Women's Club Scholarship Endowment, which is funded by International Coffees at Meadow Brook Hall, needs only a few hundred dollars to reach its \$10,000 goal.

Sunset Terrace, the riding ring and tack room, root cellar, farmhouse, club house, greenhouse, and Danny's cabin will all be included in the 9:30-12:30 p.m. tour. Cost per person is \$3, all of which will be added to the scholarship total.

Tickets are available at Meadow Brook Hall or by mail through Mrs. Donald O'Dowd, Sunset Terrace, 300 S. Adams, Rochester, MI 48063. Tickets are limited and will be sold on a first-come basis.

If all your academic requirements for degree are completed during spring session, you must file an application for degree not later than 3 p.m., Monday, May 15. Applications are available at the registrar's office, 161 North Foundation, and must be submitted to the cashier's office, 120 North Foundation, with a \$10 application fee.

Students who apply for spring session degrees and meet all academic

A gala concert at 8 p.m., Friday, May 12 will culminate four days of activities celebrating Aaron Copland Week at Oakland University. The concert will feature the Oakland University Singers, directed by John Dovarvas, with a solo performance by Jan Albright. Copland himself will conduct the Pontiac-Oakland Symphony in the second half of the concert.

During the week, several lecture/discussions on Copland's life-work, American music and dance, Copland operas and vocal works, and his piano and chamber music will be held. Dates and times are listed in this week's **OU News** calendar.

Tickets for the lectures and the concert are available from the music department ticket office at Vamer Recital Hall, open weekdays from 2-6 p.m.

requirements for their programs by June 22 will be honored at the September 17 commencement ceremonies and will have their diploma (dated June 22, 1978) mailed to them. The June date will also be the date of degree posted to academic records. For further questions, contact the registrar's office, 377-3452.

Karl Gregory, economics and management, was appointed by the Employment and Training Administration of the U.S. Department of Labor to a team of scholars for reviewing applications submitted by accredited four-year institutions of higher education under the Institutional Grants Program.

During the last four years, 15 institutions have received \$5.8 million to strengthen academic programs for training professionals employed in various manpower programs. Grants totaling \$10 million will be made to 16 institutions selected by Gregory and other members of the team.

Gregory, who was on sabbatical last semester, recently assisted the National Urban Coalition in presenting its views on tax reform at a White House meeting with aides of President Carter before the president finalized his tax program. He also visited Cuba in December 1977 at the invitation of the Castro government to review its economic planning. He is currently writing a paper on this experience.

A free lecture on the "Biology of Aging" will be presented at 4 p.m. May 12 in 245 Hannah Hall by M.S. Kanungo of Banaras Hindu University. Kanungo is a visiting professor at West Virginia University. During 19 years of research on the aging process, Kanungo has published about 100 articles on the subject. He is a fellow of the National Academy of Science (India) and is on the editorial board of several international journals on aging research. His talk will cover questions such as why we grow old, what triggers the aging process, and theories of aging.

Robert T. Eberwein, English, read a paper on "Comedy and the Film Within a Film" at the Athens International Film Festival, Ohio University. His article, "Spectator—Viewer" has been published in *Wide Angle*, Vol. 2, No. 2.

David Stevens, communication arts, delivered his paper "Incongruity in a World of Illusion: Patterns of Humor in Peter Beagle's *The Last Unicorn*" at the Popular Culture Association annual convention in Cincinnati, Ohio on April 20. He will chair a panel on Utopian and Dystopian themes in fantasy and science fiction at next year's convention.

Debra L. Yelenich, an Oakland University senior, read a paper at the Third Intercollegiate Convention for Graduate and Undergraduate Sociological Research on April 7 at Notre Dame University. Her paper, "Latent Goals in Human Service Organization Evaluations," was selected from among entries submitted by students throughout the midwest.

Fred Obear, vice president for academic affairs and provost, was elected to the executive committee as a member at large of the Michigan Academy of Science, Arts, and Letters.

Elinor Waters, Continuum Center, made a presentation on peer counseling for older people at a meeting sponsored by the American Personnel and Guidance Association in Milwaukee, Wisconsin. Waters is a member of the advisory committee, as well as a module writer, for a special project developing materials on counseling the aging.

JOBS

Performance Director, AP III, Music Department. Scheduled year-round for

30 hours per week. Experience in professional popular entertainment and/or work with community symphonies is preferred. Knowledge of music and performance problems is essential.

Manager, Clinical Research Laboratory, AP II, Center for Health Sciences. A bachelor's degree in biology, zoology, life sciences, or veterinary sciences is required. Experience in handling animals is essential, veterinary technician skills are highly desirable. Experience in administration of an animal laboratory is also desirable.

Box Office Supervisor/Season Ticket Sales, AP I, Meadow Brook Theatre/Meadow Brook Music Festival Office. High school graduation or an equivalent combination of education and experience, two years experience in a theatre or festival box office operation that has considerable subscription (season ticket) audience, and at least one year's experience of actually handling the recording of the "seating" of season ticket patrons involving four or more seating charts simultaneously, and amounting to over \$800,000 in the ticket revenue annually is required.

Assistant Laboratory Manager, AP I, School of Engineering. An Associate degree in a mechanical program or its equivalent in training and progressively responsible experience in mechanical technology is required.

Box Office Supervisor/Single Performance Ticket Sales, AP I, Meadow Brook Theatre/Meadow Brook Music Festival Office. High school graduation or an equivalent combination of education and experience, two years experience in a theatre and/or festival box office operation processing large volumes of individual performances ticket sales, amounting to over \$700,000 annually is required.

Secretary, CT 8, Counseling Center. High school graduation, including business courses, office skills and procedures, an additional three (3) years experience including secretarial, bookkeeping or accounting, or an

equivalent combination of education and experience, completion of a typing test at the university typing standard is required. Experience in using a dictaphone is desirable.

Payroll Clerk, CT 5, Payroll Office, Business Affairs. High school graduation or an equivalent combination of education and experience, completion of a typing test at the university light typing standard, two (2) years of accounting/bookkeeping or payroll experience is required. Ability to operate office machines (calculator, typewriter, and microfilm equipment) is necessary.

Staff Secretary, Department of Oakland Health Education Program. This is an unclassified permanent full time vacancy. Insurance benefits are provided by Oakland University. High school graduation, minimum of three (3) years general office experience including secretarial experience is necessary. Completion of a typing test at the university superior typing standard and ability to take and transcribe dictation is required. Secretarial experience in health or an academic field is highly desirable.

Custodian I, LBG 4, Cleaning Department. Completion of grade school education or its equivalent, physical condition necessary for the performance of this work is also required.

Public Safety Officer, Department of Public Safety. High school graduation or an equivalent combination of education and experience is required. A MLEOTC Certification and previous employment with a criminal justice agency is preferred. Ability to use good judgment in a pressure situation and ability to work independently is desired. Other specific qualifications for this job are listed in personnel office.

The OU NEWS, an official publication of Oakland University, is published weekly during the year and distributed free within the university community. Its content is under the editorial control of the Office of Public Relations. Submit material to Nancy Liese, editor, 109 NFH.

CALENDAR

TUESDAY, MAY 9

OU Golf vs University of Detroit, 1 p.m., OU Katke-Cousins Golf Course
OU Baseball vs Northwood (DH), 1:30 p.m., Sports & Recreation
Aaron Copland Week, Conversations, "Copland in Perspective," 2:30 p.m.,
Varner Recital Hall, Music Department, Adm. \$2.50

WEDNESDAY, MAY 10

OU Golf vs Saginaw Valley & Wayne State, 1 p.m., OU Katke-Cousins
Golf Course
Aaron Copland Week, Conversations, "Copland on Dance," 2:30 p.m.,
Varner Recital Hall, Music Department, Adm. \$2.50
Lew Ayres Seminar on Teilhard de Chardin's outstanding book, "The
Phenomenon of Man," 7:30 p.m., Gold Rm. OC, Meadow Brook Hall,
Adm. \$3 per person

THURSDAY, MAY 11

OU Golf vs Saginaw Valley, 12 nn, Away
Aaron Copland Week, Conversations, "Copland on Voice," 2:30 p.m.,
Varner Recital Hall, Music Department, Adm. \$2.50

FRIDAY, MAY 12

OU Golf GLIAC Tournament, 10 a.m., Away
OU Baseball vs Shaw College, 1:30 p.m., Sports & Rec. Building
Aaron Copland Week, Conversations, "Copland on Piano and Chamber
Music," 2:30 p.m., Varner Recital Hall, Music Department, Adm. \$2.50
Aaron Copland Gala Concert, 8 p.m., Varner Recital Hall, Music Department,
Adm. \$6 general; \$3 OU students

SATURDAY, MAY 13

OU Golf at Saginaw, 8 a.m., Away
OU Baseball vs University of Detroit (DH), 1 p.m., Sports & Rec Building

SUNDAY, MAY 14

OU Baseball vs Purdue-N. Central, 1 p.m., Sports & Rec. Building
Meadow Brook Hall Tours, 1-5 p.m., Adm. \$2 OU students, under 12 and
over 65; \$3.50 adults

WEDNESDAY, MAY 17

OU Baseball vs Michigan State (DH), 1 p.m., Away

SUNDAY, MAY 21

Oakland Youth Symphony Concert, 9 a.m.-1 p.m., Varner Recital Hall, Music
Dept., Adm. Meadow Brook Hall Tours, 1-5 p.m., Adm. \$2 OU students,
under 12 and over 65; \$3.50

Meadow Brook Theatre presents **Cole**, words and music of Cole Porter,
6:30 p.m., Sunday, 8:30 p.m., Monday-Friday, 6 & 9:30 p.m., Saturday, and
2 p.m. matinee Wednesday, Wilson Hall.

For news of daily campus events, call the OU Hotline at 377-4650
Calendars are published every Tuesday during the academic year. Event
listings should be submitted one week prior to publication at Campus
Information Programs, and Organizations, 49 Oakland Center, 377-2020.