



OAKLAND UNIVERSITY

News

104 North Foundation Hall
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A publication for faculty and staff

July 1988



Listening to the Master's Voice

Quentin Chiappetta of Clarkston and David Daniels, chairperson of the Department of Music, Theatre and Dance, look over a music score being critiqued by Virgil Thomson. Seven composers came to OU to hear Thomson comment about their music during his residency June 12-18. Chiappetta, who will be a student of composition at the Eastman School of Music in New York this fall, came to the program as a spectator to hear Thomson. A story about Thomson's visit is on page 3.

Awards Cite Faculty, Student Achievements

Two faculty members who were willing to "go the extra mile" for their students have won academic advising awards.

Jane L. Briggs-Bunting, journalism, and Richard J. Burke, philosophy, were honored by the arts and sciences affiliate of the Alumni Association. They received certificates and \$500 each at the College of Arts and Sciences commencement exercises on June 4.

The awards are funded by the arts and sciences affiliate and have been given each year since 1980 as "an expression of appreciation" to arts and sciences faculty members who excel in academic advising.

The recipients are selected by a College of Arts and Sciences committee. Members were Robert Eberwein, English, and John Cowlishaw, biological sciences, previous recipients; alumni Linda Nicholson and Ken Schleicher; and David Downing, acting associate dean of the college.

Briggs-Bunting and Burke each received \$500 awards which may be used for any professional purpose.

Downing says, "We extend our sincerest congratulations to Professor Jane Briggs-Bunting and to Professor Richard J. Burke, this year's recipients of the Alumni Association Outstanding Advising Award. The recipients of

this award are a select group of dedicated and caring faculty — characteristics that Professors Briggs-Bunting and Burke have repeatedly demonstrated over the years. The college values highly the outstanding service they have provided for students and is honored that the association and our Alumni Affiliate have decided to recognize exceptional faculty advisers. The outstanding contributions made by Professors Briggs-Bunting and Burke to this area are deeply appreciated."

Nominations for the 1989 advising awards may be forwarded to Cowlishaw in 207 Varner Hall. For details, call 370-4569.

In addition, seven graduates received special recognition from the School of Business Administration at commencement.

The awards vary from outstanding student honors judged by the SBA to awards from accounting and professional organizations.

Winners were John R. Anstett, the Becker CPA Scholarship; Lucia M. DeSantis, American Marketing Association Scholarship Award; Greg A. Dorais, Outstanding Male Student Award; Marshall S. Kleven, Financial Executive Institute Award; Sandra A. Lombardi, Ernst & Whinney and Wall Street Journal Awards; Veronica L. Ison, American Marketing Association Service Award; and Diane Schmueser, Outstanding Female Student Award.

Fraternity Chapter Pledges \$5,000 to Library

Kappa Upsilon Chapter of Kappa Alpha Psi Fraternity has become the first Greek organization to make a long-term pledge for the Kresge Library renovation program.

The fraternity has pledged \$5,000 over the next five years. The funds will be used for a seminar room in a new wing of the library. The room will be dedicated in memory of the late Ricky James Taggart, a founding member of the chapter.

Derrick Lewis, chapter polemarch, also presented \$500 to establish a book collection in

memory of the late Wade McCree, Jr. He was a former member of the Kappa fraternity and an early member of the OU President's Club and OU Foundation. He later became solicitor general under the Carter Administration. During his career, he was also a judge and a law professor at the University of Michigan.

McCree's widow, Doris, has identified a number of his favorite books for the collection.

Dean Suzanne O. Frankie accepted a plaque commemorating the contributions at the chapter's Founders Day dinner.

The Courage of Vikki Zimec

For the past year, Victoria E. Zimec's dream to graduate from Oakland sustained her as she battled ovarian cancer.

On June 4, her dream came true, just 17 days before she died.

The story of how Vikki Zimec overcame almost overwhelming hurdles to earn her bachelor's degree is one of remarkable courage and fortitude. Those who knew her say such traits were simply part of her character.

"Vikki was absolutely off the scale," said Associate Professor Jane Briggs-Bunting, chairperson of the Department of Rhetoric, Communications and Journalism. "She was not only a bright student, but a wonderful and courageous person."

As for many nontraditional students, Vikki's path to college was long and winding. A native of England, she met her husband, Roger, while he was on assignment there for Chrysler Corp. The Zimecs moved to Sweden, where Roger worked for Volvo, and later to Oxford, Michigan, when he returned to Chrysler. Vikki held an array of jobs, including that of reporter for the *Lapeer County Press*. In 1984, she enrolled at Oakland, intent on a bachelor's degree in English and journalism. As a student she distinguished herself, and she served as a member of the board of directors of the *Oakland Post* student newspaper.

Last summer, in a routine check-up, Vikki learned she had cancer. By then a senior, she determined to complete her degree while undergoing chemotherapy. However, her health quickly declined.

"Here was a woman who had a 3.90 grade point average and, as ill as she was, carried 12 to 16 credits," said Briggs-Bunting. "She'd come into class right from her chemotherapy treatments, wearing a portable treatment pack. Her determination was simply incredible."

"She wasn't even able to eat," said her mother-in-law, Ann Zimec of Rochester. "At the same time, she kept right on with her school. She loved it so much."

Two weeks before the end of winter semester, Vikki collapsed. Unable to complete her courses, she called her professors from the hospital to arrange incomplete grades. Instead, each professor chose to grade her on the work she had completed. The College of Arts and Sciences waived the few outstanding credits needed for her degree, enabling her to graduate in June.

Vikki's hope of attending commencement kept her going through the spring as she underwent major surgery and a move to Carlsbad, California, where Roger had been transferred. By then desperately ill, Vikki rallied when she received word that she would indeed graduate, Briggs-Bunting said. After being informed she had earned university honors (*summa cum laude*) and departmental honors in both journalism and English, she rallied again and made plans to fly to Michigan to attend commencement in a wheelchair.

The night before the ceremony, she admitted she was too weak to travel. The next morning, Vikki and Roger called his parents, Joe and Ann Zimec of Rochester, asking them to accept the diploma on her behalf. Characteristically modest, Vikki never mentioned that she would be receiving honors as well.

The elder Zimecs called their neighbors, Julie and F. James Clatworthy, associate dean of the School of Human and Educational Services. When the Zimecs learned that arts and sciences commencement was over, they asked if Vikki could be recognized at the SHES commencement. With the ceremony less than an hour away, Jim Clatworthy arranged for the Zimecs and their son and daughter-in-law, James and Judy Zimec of Grosse Pointe to attend.

Once at Baldwin Pavilion, Clatworthy also learned of Vikki's honors — and that she had been named a recipient of the College of Arts and Sciences Meritorious Achievement Award. He obtained the citation — which had been read earlier at the arts and sciences ceremony — and handed it to the marshal just as the processional began. When Vikki's degree was presented, her family was stunned to learn about the honors she had received.

Like the audience at the arts and sciences commencement, the SHES graduates and their families gave a standing ovation upon hearing of Vikki's extraordinary courage and academic achievement.

"It was a great honor for me to receive Vikki's award and diploma in her absence," said James Zimec. "She was thrilled we were able to make it. My family and I are very appreciative of what the university did on her behalf, and we were amazed by the audience's response. Needless to say, we're extremely proud of her."

— By Karen Hill

New Director Arrives for Alumni Relations

A director of alumni relations and associate director of development has been appointed.

Marguerite S. Rigby assumes the dual role July 1. She comes to OU from Wayne State University, where she had been associate director of alumni relations. Rigby replaces Joan Stinson, who now works at WSU in development.

David H. Rodwell, vice president for exter-

nal affairs and director of development, announced Rigby's appointment. "To her position as chief executive officer of the association, Marguerite brings an exceptional record of varied and intense experience," he said.

While at Wayne, Rigby conducted the university's most successful Alumni Association membership drive, adding 3,000 new members, and offered three new membership benefits packages.

Rigby also edited the alumni magazine and a tabloid publication and was involved in fund raising.

The new alumni director started at WSU as an alumni representative in 1981. Following promotions to senior alumni representative and assistant director of alumni relations, she became associate director in 1987. She is treasurer of the Michigan Advancement Council.

Rigby has a bachelor's degree in psychology from Case Western Reserve University and a master's degree in special education from Kent State University.

Selection of Rigby came after a search that generated more than 130 applicants. A search committee was organized and chaired by alumnus Gerald Alt. Committee members were Elaine Chapman-Moore, director of academic advising and general studies, and an alumna; alumnus Gregory Demanski; alumnus Rick Wlodyga; Suzanne Frankie, dean of Kresge Library; Monifa Jumanne, director of special programs; and John Tower, associate dean of the School of Business Administration.



Rigby

Health Sciences Helps Physician Training

The School of Health Sciences has received an \$18,000 grant from Horizon Health Systems to promote quality research in the network's three teaching hospitals: Riverside Osteopathic Hospital, Trenton; Bi-County Community Hospital, Warren; and Detroit Osteopathic Hospital, Detroit.

The project is directed by Dr. Robert Jarski, visiting associate professor of health sciences, who supervises the research papers of 34 resident physicians-in-training.

Dean Ronald Olson says a key to the program is the tutorial in which the physician receives assistance in initiating an achievable research idea, establishing the experimental design, and selecting appropriate statistical and other analytical methods.

The fledgling researchers also receive help with proposal critiques and on devising methods of presenting research findings to professional audiences.

Jarski also sits on each resident's research committee along with a director of medical education and a staff adviser who is usually a physician practicing a speciality related to the research topic.

OU to Help Teachers Sharpen Skills in Science, Math, Engineering

The university is one of 27 institutions nationally to receive an award from the National Science Foundation to hold a short course to help revitalize the teaching of undergraduate science, mathematics and engineering.

Twenty-five college teachers will be selected from a national pool. OU's program, to be held August 1-13, will be a *Short Course on Applied Optics in Engineering for College Teachers*.

Principal investigator is Joseph Der Hovanesian, chairperson of the Department of Mechanical Engineering. Engineering pro-

fessor Mike Hung is co-investigator on the \$101,023 award.

Der Hovanesian has directed four NSF short courses in the past, although those programs were designed for undergraduate and graduate faculty. In addition to his NSF award, he has just been named a fellow of the Society for Experimental Mechanics in recognition of his contributions to the field. The award was made at the June 7 international meeting of the society, held this year in Portland, Maine.

The researcher says there will be numerous guest lecturers and other means of interaction

in addition to the formal program taught by faculty from OU, the University of Michigan and the Illinois Institute of Technology.

The basics of applied optics remain the same, but there have been remarkable changes in techniques and in technology that need to be transmitted to the undergraduate teaching faculty, Der Hovanesian says.

Participants will have intensive hands-on work experience with the latest in optical equipment and related instrumentation. In addition to OU's optics facilities, manufacturers and suppliers will set up additional

equipment for faculty use.

An NSF spokesperson says the "faculty who teach undergraduates play a critical role in the education of tomorrow's leaders in science and technology. We hope that these workshops provide the continuing close relationship between teaching faculty and leaders in research necessary to keep undergraduate education abreast of the latest developments in science and engineering."

The NSF awards will cover the cost of instruction, facilities, and room and board.

Haskill Selected for Employee Award

Maxine Haskill, executive secretary, Student Life Office, received the Employee Recognition Award for June.

Haskill has been an OU employee since May 1970. She began her employment as departmental secretary for the dean of freshmen. Haskill has been the executive secretary in the Student Life Office since October 1978.

In selecting Haskill, the award review committee considered such nominating statements as:

• "One concern of any administrator is the quality of the support staff, especially secretarial staff who often control work production and hold critical public relations positions. In the case of Maxine Haskill, she is not a concern but a pleasure. I am very impressed with the overall quality of her work."

• "Maxine provides a rich historical perspective on the many policy issues that develop over a semester that has proven invaluable."

• "Clerically, she gets the work done in a timely manner: she handles multiple assign-

ments from her supervisors and manages to prioritize them effectively, and handles a wide range of public concerns from vending refunds to student conduct referrals in a most professional manner."

• "(Maxine is) A friend to students, a role model for peers, and a dedicated professional — what more could we ask?"

• "Maxine is really the 'heart' of the Student Life Office, and her contributions are deeply appreciated."

The Employee Recognition Award Selection Committee wishes to remind staff that any employees may nominate any other employees for consideration of the award. The committee would like to take this opportunity to encourage the nominations of worthy OU employees. Any questions about the program can be referred to Larry Sanders at 370-3480.



Haskill

Khapoya Accepted for Dartmouth Seminar

Political science Professor Vincent Khapoya has been accepted into a teaching/research seminar at Dartmouth College.

He will attend the program from July 17-22 on *Recent Advances in the Study of Political Leadership*. The seminar is cosponsored by Dartmouth and the American Political Science Association.

Khapoya says he is delighted to have been accepted. He says the seminar will enable him to play a more effective role in the Honors College to continue the work on leadership begun by the late G. Mennen Williams and to advance his own research in political leadership in Africa and its relationship to foreign policy of African countries.



Awaiting Discovery

Dorothy Alexander, a 23-year veteran of the food service, jokes that she should be on the cover of 'Ebony' magazine. While waiting for the finger of fate to point her way, she can be found in the Iron Kettle.

Our People

Fame without fortune: Send brief items about your accomplishments to the News Service, 104 NFH.

PUBLICATIONS

• Keith Stanovich, psychology, is the author of *Science and Learning Disabilities* in the *Journal of Learning Disabilities*.

• Marvin "Doc" Holladay, music, has released a new album, *Wings for the Spirit*. The album, on cassette tape, features Holladay unaccompanied playing baritone saxophone and bass clarinet. The tape, recorded at the Baha'i House of Worship in Wilmette, Ill., is available from Sam's Jams in Ferndale and Schoolkids Records in Ann Arbor. It has already been played on Detroit and Chicago radio stations.

PRESENTATIONS

• Patricia J. Rodgers, DO, Graham Health Center, gave a presentation to the Detroit Women School Administrators and served as primary speaker for Career Week at Couzens Elementary School in Detroit.

• Philip Singer, health sciences and anthropology, has been invited to present and discuss his film, *Trance, Dance and Healing in Guyana*, to the fourth Conference on East Indians at Teachers College, Columbia University, in July. The theme of the conference is *Levels of Social-Political Incorporation of East Indians in the Diaspora*.

• Keith Stanovich, psychology, presented a paper, *Matthew Effects: Aids in Interpreting Individual Differences and Intelligence-Related Paradoxes in Reading* at the seventh annual University of Wisconsin Reading Symposium in Milwaukee. Stanovich was a discussant for two symposia at the annual meeting of the American Educational Research Association in New Orleans.

• Richard Stamps, anthropology, presented a seminar on *International Business*

and the *Cross Cultural Dilemma* at the International Trade Conference. The conference was held at St. Clair County Community College in Port Huron. Stamps also moderated a panel discussion among executives from U.S. and Canadian companies that trade internationally.

• W. Dorsey Hammond, reading and language arts, has been invited to make a presentation at the World Congress of Reading in Brisbane, Australia, on July 7.

• Robert W. Brown, counseling, and Mary Otto, research and academic development, will give a presentation at the USA/China Management Institute in the People's Republic of China in July. The institute will be at the Liaoning Institute in Shenyang, Liaoning Province. Brown will discuss career counseling and educational guidance in the United States. Otto will present an American view of educational administration. They will be guests of the Chinese government from July 6-August 3.

• George E. Coon, reading language arts, and Gerry Palmer, school and field services, will teach a four-week institute at Ghizhou Normal University in Guiyang, Guizhou Province, in the People's Republic of China during July and August. Students in the institute will be Chinese teachers of English as a second language. This exchange is part of a long-term collaboration between OU and Guizhou Normal. The cooperative effort has already included visits between Dean Gerald Pine and President Wu of Guizhou, as well as several exchanges of faculty members and students.

CONFERENCES

• Naim A. Kheir, electrical and systems engineering, will attend the American Control Conference. He will chair a session and also present a coauthored paper on *Robustness and Tie-Line Stiffness in a Multi-Area Interconnect Power System*.

• Donald M. Miller, human development and child studies, attended meetings in Cleveland to plan for the Enterprise High School in the Macomb Intermediate School District.

• Julia J. Dorminey, curriculum, instruction and leadership, attended the National Academy for Leadership in Teacher Education in Providence, Rhode Island. The Association of Teacher Educators sponsored the conference. She also traveled to Tallahassee, Fla., to provide consultant services to the Gadsden County School District.

• Qiuming Zhu, computer science and engineering, attended the Institute of Electrical and Electronics Engineers Computer Vision and Pattern Recognition Conference, and the IEEE workshop on machine vision. Zhu presented a

paper, *Structured Pyramids for Representing and Locating Moving Obstacles in Visual Guidance of Navigation*, at the conference in Ann Arbor.

APPOINTMENTS

• Jane Eberwein, English, has been elected to a three-year term on the Board of Trustees of the Emily Dickinson International Society in Amherst, Mass. The organization, which was formally incorporated this spring, elected its officers and approved its bylaws in May.

HONORS

• Students Cathlee Chapman and Lori Sisson from the School of Human and Educational Services have been selected by the Michigan Higher Education Assistance Authority to receive the Paul Douglas Teacher Scholarship.

Chapman received one of the 54 new scholarships, while Sisson's scholarship was a renewal from last year.

• Lowell Eklund, emeritus dean of continuing education, received the outstanding service award from the Coordinating Council for Continuing Higher Education at its summer meeting at Grand Valley State University. The award recognizes "persons who have made significant contributions to continuing higher education over the course of their professional careers and are recognized as leaders in the field within the state." Eklund served as representative to CCCHE for the 29 years he served as the university's dean of continuing education, one of those years as CCCHE secretary.

Funding Opportunities

Details about sources of external funding are available from the Office of Research and Academic Development, 370 SFH, or by calling 370-3222.

Unless noted, proposal due dates are unknown.

National Science Foundation

Developmental biology, July 1; young scholars projects, August 8; advanced technologies, preliminary proposals may be submitted at any time; linguistics, August 1; 1989 Presidential Young Investigator Awards, October 1; and informal science education, proposals may be submitted at any time.

Department of Energy

Basic energy sciences.

Department of Health and Human Services

Health policy research, June 30.

Department of Education

Research and development centers program, September 16.

Health Resources and Services Administration

Home health care demonstrations, July 1.

National Endowment for the Arts

Fellowships for playwrights, June 30.

NEH Office of Preservation

Preservation grants, June 1 and December 1.

National Institute on Alcohol Abuse and Alcoholism and National Institute on Drug Abuse

Factors contributing in the sequencing of alcohol and other drug use, June 1, October 1 and February 1.

National Cancer Institute, Cancer Prevention and Control Division

Developmental research in special populations, June 17.

Child Health and Aging Institutes

Development of planning skills throughout life, July 29.

ACLS Programs

Fellowships, September 30; research fellowships for recent recipients of doctorates, September 30, July 1, 1989 and December 31, 1990; grants-in-aid, December 15; grants for travel to international meetings, October 1 and March 1; fellowships for Chinese studies, November 15; fellowships for East European studies, November 15.

Jobs

Information about position openings is available at the Employee Relations Department, 140 NFH, or by calling 370-3480.

• Coordinator for student organizations, AP-6, CIPO.

• Master trades VI, AFSCME, Campus Facilities and Operations.

• Assistant director/FTIAC, AP-8, Department of Admissions.

• Assistant director, AP-9, Office of Budget and Financial Planning.

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• James Llewellyn, senior editor and news director

• Jay Jackson, staff writer

• Rick Smith, photographer

Bits & Pieces

Giving Reaches New High

Americans continue to make every penny count when it comes to charity.

In 1987, total charitable giving reached an estimated \$93.68 billion, up 6.45 percent from the \$88 billion recorded in 1986. Education received \$10.55 billion of the total charitable giving recorded last year.

The funds came from individuals, foundations, corporations and estates. The estimate appears in the 1988 edition of *Giving USA*, published by the American Association of Fund-Raising Counsel Trust for Philanthropy.

Individuals provided \$76.82 billion, estates donated \$5.98 billion, foundations (excluding corporate foundations) contributed \$6.38 billion and businesses provided \$4.5 billion.

The increase in giving came despite predictions that contributions would be lower in 1987 because of changes in tax laws and the October stock market crash.

Recipients of the largesse were religion, \$43.61 billion; health and hospitals, \$13.65 billion; education (at all levels), \$10.55 billion; human services, \$9.84 billion; arts, culture and humanities, \$6.41 billion; public/society benefit causes, \$2.44 billion; organizations providing overseas services and foundation endowments, \$3.89 billion; and \$3 billion to an array of causes inapplicable to any existing recipient category.

Art Auction Action Slated

Meadow Brook Art Gallery will benefit from *Picnic on the Grass XVI* on August 6.

The picnic and fine-art auction will be in the Shotwell-Gustafson Pavilion. Selected art works from the collection of Florence and S. Brooks Barron and some works from the collections of their friends will be featured. The Barrons have donated 30 paintings, graphics and drawings for the auction.

Tickets are \$75 and include a gourmet dinner catered by the Pike Street Company of Pontiac. Auctioneer will be Frank Boos of Birmingham, and master of ceremonies will be Warren Pierce of WJR radio.

Artists represented in the auction are Pierre Aleschinsky, Richard Artchwager, John Clem Clarke, Roy Lichtenstein, Malcolm Morley, Gordon Newton, Walasse Ting, Terry Winters and others. The art will be displayed at Meadow Brook Art Gallery from July 30-August 3.

For a catalog with minimum bid information, call 370-3005.

Tours Now Guided at Hall

Docents will provide guided tours of Meadow Brook Hall from July 5-September 5.

Guided tours will be from 10 a.m.-3:45 p.m. Monday-Saturday. Sunday tours from 1-4 p.m. will be without docents. No reservations are required for any of the tours and admission prices remain unchanged.

For details, call 370-3140.

Music on the Patio

Four events remain in the noon patio concert series at the Oakland Center.

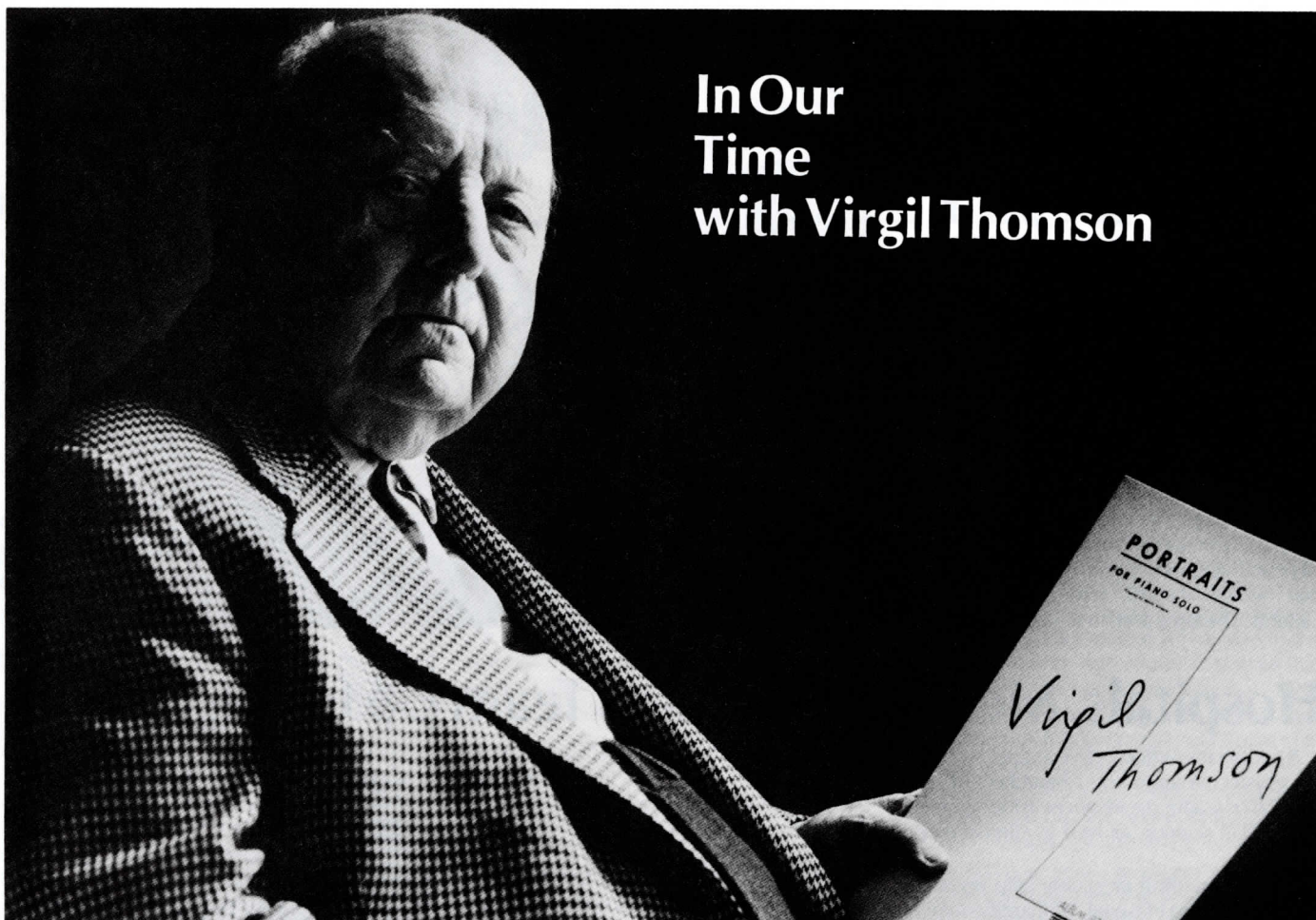
Ruth Meyer will perform on harp July 6, Ann and Rob Burns will play flutes on July 13, Egbert Henry will perform on the piano on July 20 and the Lafayette String Quartet will play on July 27.

In case of rain (rain?), the concerts will be in the Iron Kettle. Like all good things, the concerts are free.

Reddy to Speak in India

Venkat N. Reddy, director of the Eye Research Institute, has been asked by the United Nations to share his expertise with specific research sites in India this fall.

Reddy will lecture, conduct workshops, assess the present state of eye research and present an evaluation and recommendations. In addition, he will visit the Sarojini Devi Eye Hospital where OU has a collaborative research arrangement with funding through the National Eye Institute.



In Our Time with Virgil Thomson

Composer Shares His Inner World

piano, he cautioned composers to keep the pianists' hands close. A pianist can't see the music and play at the same time otherwise, he observed, unless you're "cockeyed."

Ever the writer, Thomson told the composers to count syllables accurately when putting words to music. "Memories" has three syllables, he intoned, not two. It's "mem-o-rees," not "mem-rees," he corrected, emphatically.

For those who hammer home the musical point, Thomson recalled the words of Erik Satie. "Even in Wagner those repetitions can get a little tiresome, like someone giving you a calling card each time you meet."



Faculty member Lettie Alston works with Virgil Thomson.

Constructive criticism takes an interesting route from Thomson to music student. He gives enough advice to be helpful, but forces the listener to interpret for full meaning. Upon hearing one recorded sample and lauding it, he observed, "It would make wonderful movie music, I must say — mercifully short."

During a lecture at Sunset Terrace on the role of music critics, Thomson was a talking textbook. As chief critic of the now-defunct *New York Herald Tribune*, Thomson set a standard for writers who follow the music world.

Thomson urged critics to write knowledgeably. "Use kindness to the small, give no unearned advantage to the great. After all, the higher they fly, the louder they squawk."

Critics should not think they are above the artist, either. "Don't grade artists as if they were school children or eggs," he said.

As a recipient of criticism, Thomson takes a hot-and-cold approach toward writers. "If the review is favorable, I think the reviewer is a wise man," he said, drawing more laughter. "Otherwise, I think he's a nitwit or in the pay of my enemies."

As the master of his world, Thomson takes on all comers, never afraid to speak his mind. His frankness aimed at the power structure, he concedes, kept his music from achieving the prominence of other composers. Thomson does not compromise by softening his opinions in search of public acclaim, yet to one writer, he has a deceiving aura about him.

In the June 20 issue of *The New Republic*, Edward Rothstein wrote of Thomson, "...the gentility and wit are genuine, but no one should doubt they are also strategic. Thomson is never as innocent as he appears, and he grants nobody else that innocence either. This has given his career bite and character and calculation; his music is the Dadaist complement to that life, often lovely, disorienting, heartfelt, but never able to take its innocence seriously."

For a week, audiences had the chance to judge that themselves.

— By Jay Jackson

Ninety-one years have taken their toll on Virgil Thomson, but he still commands the respect and admiration of his followers.

The razor-sharp critical eye of this legend in American music still serves him well, and attentive listeners await his advice. The voice, flowing from squeaky to raspy at the turn of a phrase, booms out of a robust figure wrapped around a short frame.

Cruelly, aging has reduced Thomson's hearing, although he overcomes that obstacle by sheer determination. Thomson's love of music thrives — he still composes musical "portraits" of friends.

When Thomson enters a room, he takes a hard look at his audience, seats himself, makes a few off-the-cuff remarks, and turns to the work at hand. Almost as if holding court, Thomson outlines his plan and proceeds, fully in control.

A weeklong residency from June 12-18, *Virgil Thomson in Time*, highlighted his music and words. Through concerts, lectures and symposia, the McGregor Professor in the Humanities and Arts defined a career that has covered seven decades.

As a part of the artistic crowd that lived in Paris during the '20s, Thomson developed friendships with such luminaries as Gertrude Stein, Nadia Boulanger, James Joyce, Ezra Pound and Picasso. His letters, published in June by Summit Books (*Selected Letters of Virgil Thomson*) reveal the personal side of a man who has spent his life immersed in the arts.

Thomson is still in demand as a speaker, either in New York City, where he lives, or in the frontier west of the Hudson River. During his stay at OU, arranged by the Honors College, he showed why.

At a symposium for seven composers, Thomson read the compositions and offered encouragement. His advice was to the point, like his own compositions, which he writes until he has no more to say.

"Mozart said if you don't know what your next note will be, you either skip an octave or write a rest. Very valuable advice, indeed," he growled. On the mechanics of writing for

Research Comes to Screeching Halt — on Cue

Physicist Robert W. Williamson is helping Chrysler obtain the best possible film to study the cars it crashes at its test site in Chelsea.

Professor Williamson, with the aid of physics undergraduates, is in his third year of research under successive grants from the Chrysler Challenge Fund.

"What we have done is to build optical bench test setups to test some of the camera lenses to find out exactly what the lenses' parameters are. We have built optical test equipment for Chrysler," Williamson says.

The professor says the project moves along through the summer months and has some outstanding features.

"This provides superb experience for two physics undergraduates each year and offers them a source of summer support. It is an excellent chance for them to see how applied physics is used in the auto industry, and it is an excellent chance for us to establish closer relationships with Chrysler, our next-door neighbor in a few years."

Williamson adds, "It is good amusement

because solving problems is our thing."

The Chrysler Challenge grants have averaged about \$45,000 a year, Williamson says. The opportunity arose in 1986 when Chrysler officials were referred to OU by Bill Breitmoser, an OU grad working at Chrysler in the division in which car crash tests and analysis are conducted. Williamson says there was talk about the problems they were having with their filming of the car-crash tests, and OU submitted a proposal for the summer of 1986.

Williamson was in charge of the grant assisted by two undergraduate physics majors.

He says the grant turned out to be very successful, and Chrysler has made similar requests for additional work in 1987 and 1988, again in the areas of applied optics.

The researcher says he has received excellent support from the students, Bruce Silver and Bill MacIntyre the first year, MacIntyre and Richard Wade for the second, and now Donald Peck and Tom Hacker for the current research, assisted all three years by Clarence Bennett, electronics engineer in the Department of Physics.

— By Jim Llewellyn

Summer Hours on Hold for Week of July 4

The summer hours schedule will not be in effect the week of July 4.

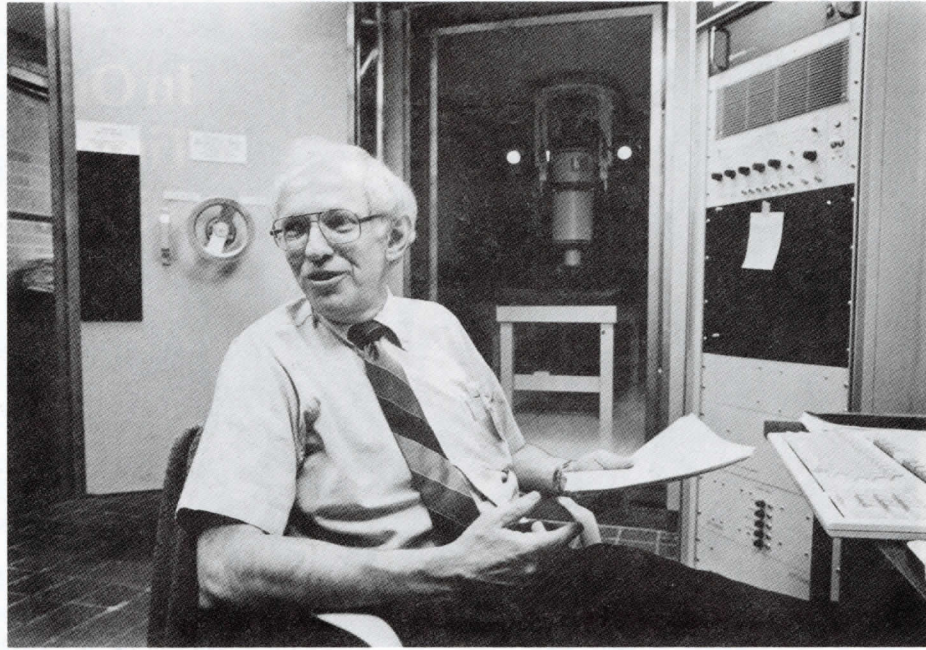
The July 4 holiday will count as eight hours of holiday time. As a result, the Tuesday-Friday

workdays will revert to 8 a.m.-5 p.m. with an hour for lunch.

Summer hours return July 11 and continue through August 26.

Learning About the Brain

Professor Norman Tepley sits at the keyboard of a computer used to analyze data in the neuromagnetics laboratory at Henry Ford Hospital. The special room behind him virtually eliminates penetration of magnetic fields that would disturb testing with human patients. The lab is used to scan the brain.



Hospitals, Medical Physicists Team Up for Research

A cooperative effort between the OU medical physics program and researchers in area hospitals is leading to advances in fundamental biomedical science, as well as clinical medicine.

Oakland medical physicists help researchers at Henry Ford Hospital, William Beaumont Hospital and Sinai Hospital to understand a variety of issues, such as treatment of stroke, cancer, neurological, cardiovascular and ophthalmological problems.

The joint venture with the hospitals benefits all involved. The OU faculty and graduate students have access to equipment that few institutions in the world own. The hospitals gain the expertise of physicists who work on-site.

"We train researchers in a whole variety of physics applied to medicine," says Professor Norman Tepley, chairperson of the Department of Physics, "and I think very, very successfully, as it turns out."

At Henry Ford Hospital alone, eight medical physics doctoral students work with OU professors, as well as hospital scientists. In addition, several undergraduates work there this summer.

Tepley and Professor Michael Chopp maintain research laboratories at Henry Ford Hospital, studying issues related to the brain and metabolic response. Also working on projects at Ford and other institutions are Professors Abraham R. Liboff (electromagnetics) and Fred Hetzel (cancer research).

Tepley begins a yearlong sabbatical this fall, during which he will be scientific director of the Neuromagnetism Laboratory housed in the Department of Neurology, Henry Ford Hospital, and sponsored jointly by OU and the hospital. He spends part of his time there now, overseeing final construction of the laboratory. The nearly \$1 million laboratory is one of a handful of its kind in the United States and about a dozen worldwide.

The full potential for the laboratory is still being explored. In operation, it will help researchers understand the working of the brain by measuring magnetic fields generated by the brain's electrical activity.

The laboratory is shielded to virtually eliminate any outside magnetic interference. Magnetic fields generated by nearby elevators, vehicular traffic and electric power lines can be hundreds of times stronger than those of the brain.

"A shielded room is a necessity for this kind of operation. It works magnificently well," Tepley says.

Weighing in at 17,000 pounds, the German-built shielded room is three meters by four meters by three meters high. Inside, a patient will lie on an examination table while an overhead device consisting of 11 superconducting quantum interference devices (SQUIDS) scans the outside of the head for magnetic fields.

For example, a mild shock of the patient's little finger would stimulate electrical activity in a particular portion of the brain; a similar

shock to the index finger would stimulate currents in a neighboring portion of the brain. Measuring the magnetic fields in both cases can localize the site of each response. Other sensory, auditory and visual stimuli can be applied and the sites of the responses localized. In this way, much of the function of the brain can be mapped out.

Such research also helps researchers learn more about epilepsy and other disorders. In severe epilepsy cases, Tepley says, researchers may be able to locate the specific problem area for the neurosurgeon, who can then remove a much smaller piece of the brain. How the laboratory may help in other cases is still a matter of speculation.

"It's a tool whose potential is just beginning to be realized," Tepley says. "For example, we have hardly begun to study its utility in understanding mental and learning disorders."

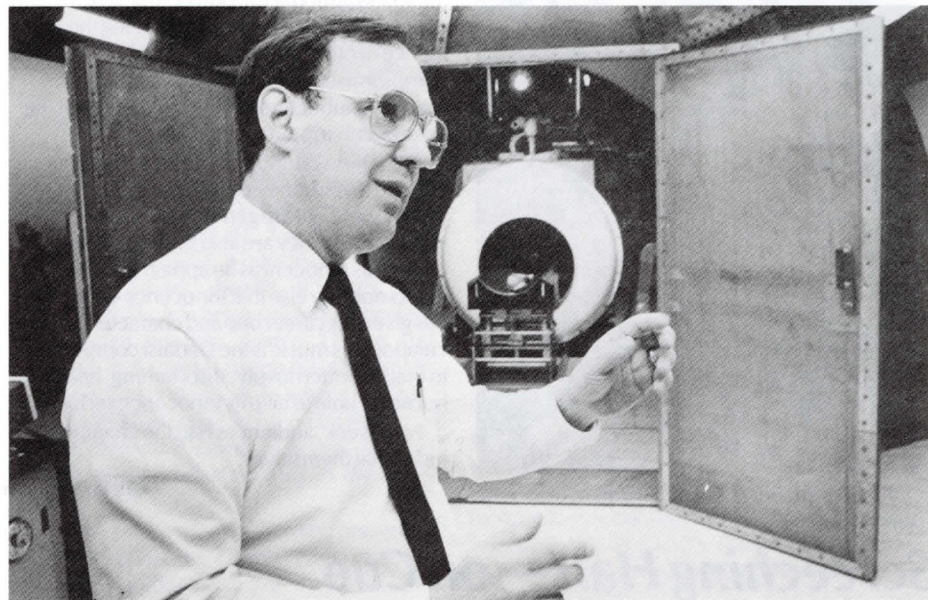
Tepley explains neuroscientists need to learn the physics of magnetism, which is how the professors and graduate students fit in at Henry Ford. Likewise, for the professors to do their work, they need to understand the medical aspects provided by the Henry Ford personnel. "It's a wonderful interface between physics and medicine," Tepley says. "In fact, because of extraordinary technological advances now occurring, in time all physicians, as well as medical technicians, nurses and so forth, will find themselves deeply involved in physics."

Also of great importance to medical research involving OU personnel are two nuclear magnetic resonance labs. A large one serves humans and a small one is used for animal research.

The large magnet measures chemical reactions in the brain, during a stroke and the recovery period, for example. The noninvasive equipment disturbs atomic nuclei in cells, which then emit a radio frequency that is characteristic of the particular molecule in which the nucleus resides. Each molecule "sings a song," which is its signature, says Professor Chopp.

By using the NMR equipment, valued at over \$2 million, researchers measure the relative concentration of compounds in the brain. A patient's recovery can be followed by measuring the metabolism of the affected brain cells and by finding areas of irreversible damage.

Chopp says Henry Ford researchers have made important discoveries. Stroke victims with high glucose levels may not recover as quickly as those with lower levels. Also, he notes, high body temperature slows recovery, making control of fever extremely important.



Doctoral student James Ewing explains how the nuclear magnetic resonance machine behind him is used to help treat stroke patients.

Apple Amble Offers Ample Ramble

Whether you're a serious runner or walking is more your style, you'll find both at the Apple Amble.

The seventh annual Apple Amble, cosponsored by OU and the Rochester Chamber of Commerce, will be September 10. The five-mile run will begin on campus at 8:30 a.m. and will end in downtown Rochester. Fun walkers will begin their two-mile trek at the Campus Corners Shopping Center at Walton Boulevard and Livernois Road at 9 a.m. and will also end up in downtown Rochester.

Sponsors say the entire family will enjoy the invigorating exercise, prizes, awards and refreshments. Proceeds from this year's events will be donated to the Rochester Neighborhood House.

For information or registration forms, call 370-2020 or the Rochester Chamber of Commerce at 651-6700.

Events

CULTURAL

July 3, 7, 10, 21, 24, 28, 31 and August 4 and 7 — Detroit Symphony Orchestra at Meadow Brook Music Festival, 8 p.m. Admission. Call 370-2010.

Pop concerts at Meadow Brook Music Festival — Kingston Trio, Limelighters and Schooner Fare, July 1; Detroit Concert Band, July 2; Platters, Shirrelles, Diamonds, Crystals and Marcells, July 4; Herb Alpert, July 5; Roger Whittaker, July 8-9; Spyro Gyra, July 11; Manhattan Transfer, July 14-15; Sergio Mendes & Brasil '88 and the Fifth Dimension, July 16; Bob Dylan, July 17-18; Earl Klugh & Friends, July 19; Rascals and Turtles, July 22; Detroit Symphony Orchestra Pops, July 23; New 4 Girls 4, July 25; Judy Collins, Tom Paxton and Tom Chapin, July 26; Cleo Laine and Michael Feinstein, July 29; DSO Pops, July 30; Roy Orbison, Jerry Lee Lewis and Carl Perkins, August 1; Pointer Sisters, August 2; Kenny G., August 6. Call 370-2010 for late changes.

July 6 — Summer Patio Concert with Ruth Meyer playing harp, noon-1 p.m., Oakland Center. Free.

July 13 — Summer Patio Concert with Ann and Rob Burns on flutes, noon-1 p.m., Oakland Center. Free.

July 20 — Summer Patio Concert with Egbert Henry on piano, noon-1 p.m., Oakland Center. Free.

July 27 — Summer Patio Concert with Lafayette String Quartet, noon-1 p.m., Oakland Center. Free.

August 6 — Picnic on the Grass XVI, 6:30 p.m., Shotwell-Gustafson Pavilion. Sale benefits Meadow Brook Art Gallery. Admission. Call 370-3005.

August 7 — Concours d'Elegance, 10 a.m.-4 p.m. Admission. Call 370-3140.

August 20-21 — Art at Meadow Brook show and sale. Free. Call 370-3140.

ETCETERA

July 5 — Academic Edge (Toastmasters) meeting, noon-1:30 p.m., 126-127 Oakland Center. Guests welcome.

July 19 — Academic Edge (Toastmasters) meeting, noon-1:30 p.m., Oakland Center Lounge II. Guests welcome.

August 2 — Academic Edge (Toastmasters) meeting, noon-1:30 p.m., Oakland Center Lounge II. Guests welcome.

TOURS

The Summer Tea Room at Meadow Brook Hall is open. Hours will be 11:30 a.m.-3 p.m. Monday-Friday. Guided tours will be from 10 a.m.-3:45 p.m. Monday-Saturday starting July 5. Tours (without guides) will be from 1-3:45 p.m. Sunday. No reservations are needed. Call 370-3140.

COURSES

The Center for the Arts offers summer workshops in dance and piano, plus Arts-for-Youth Camps and special programs for academically talented children. Call 370-3018.

The Continuum Center has workshops and seminars. Call 370-3033.

Meadow Brook Health Enhancement Institute offers an exercise-education program for adults with insulin- and noninsulin-dependent diabetes. The program focuses on strategies for life enhancement. Interested persons will learn about exercise, nutrition and self-care measures, and may participate in three medically supervised exercise sessions per week. Call Terri Darrenkamp, RN, at 370-3198.

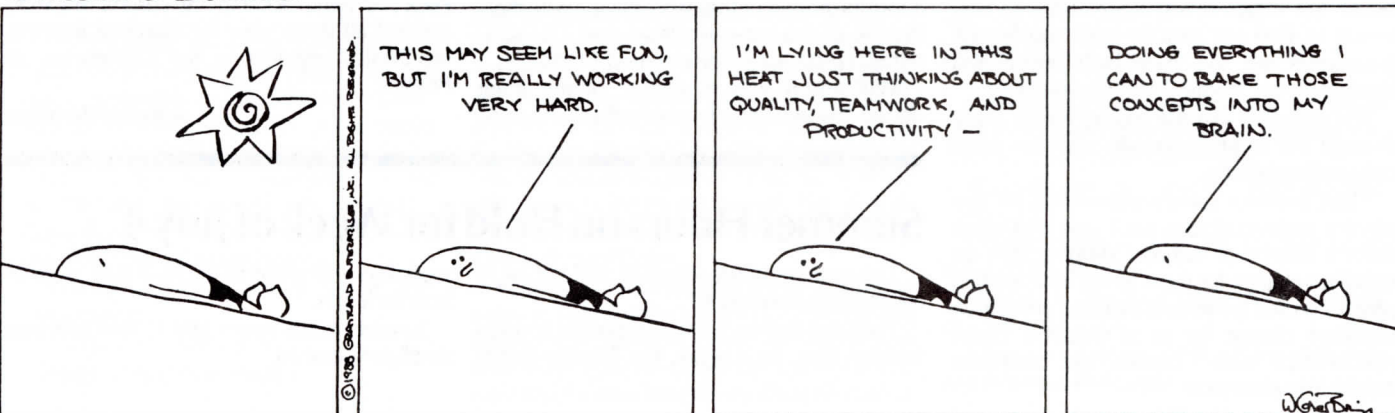
CONFERENCES

Information below has been prepared by the Oakland Center Conferences office.

July 5-29 — Arts-for-Youth Camps sponsored by the Center for the Arts.

July 10-23 — DuBois Scholars program. Sports camps will be held throughout the month.

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