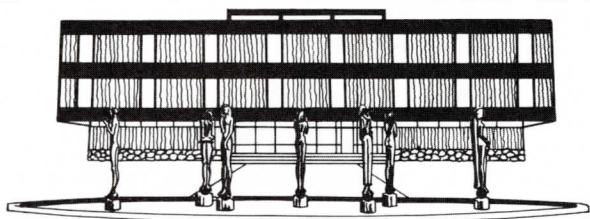


OAKLAND UNIVERSITY NEWS



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April 25, 1986

A publication for faculty, staff and friends

China Specialists to Gather for OU Conference

China specialists will discuss targets of opportunity in that country at a free public seminar April 28-May 1 at Meadow Brook Hall.

China Update: The Four Modernizations will cover the goals China has set to accomplish by 2000. Experts from business and education will participate.

A major objective of the seminar is to identify business opportunities in China, opportunities that can be matched with academic skills for the support of local business and industry.

OU has just begun one effort in this area — a cross-cultural training program to help Americans gain the cultural and political insights that are needed to work with the Chinese.

Seminar topics and speakers are:

- April 28. *Modernizing China's Industry*

with Steven Chen, director of program planning-China for General Motors; George Schneider, assistant to the dean of engineering at Lawrence Institute of Technology; Paul Chao and Jack Wu, visiting faculty members in the School of Business Administration; and Uwe Reischl, director of the program in industrial health and safety in the School of Health Sciences.

- April 29. *Modernizing China's Agricultural Base* with Sylvan Wittwer, director of the Michigan Agricultural Experiment Station at Michigan State University; Shu-Min Huang, anthropologist from Iowa State University of Science and Technology; Michael Martin, visiting lecturer at Madonna College and Gui Yang Normal University; and Sheldon Appleton, associate dean of the College of Arts and Sciences.

- April 30. *Modernizing China's Science and Technology* with John Mihelich, vice president of research for AMAX of Michigan, Inc.; Chih-Yung Chien of the Department of Physics at Johns Hopkins University and an adviser to the governor of Maryland; Mien Chiao, a visiting scholar at OU from Chengdu University of Science and Technology; and Reischl.

- May 1. *National Defense and International Relations* with A. James Gregor, Department of Politics and Government at the University of Puget Sound; Philip W. Lett, vice president of research and engineering for General Dynamics; James Ozinga of the Department of Political Science; S. Bernard Thomas of the Department of History; Marvin Holter, executive vice president of the Environmental Research Institute of Michigan;

and Alan Parker of Daedalus Enterprises, Inc.

OU offers the seminar as part of its increasing involvement with China. The university has a Chinese Studies Program in its Center for International Programs and a sister-state relationship with Sichuan Province and Chengdu University. Last year the university was host to a seminar on doing business in China, held in cooperation with the Michigan Governor's Commission on China.

University sponsors include the Center for International Programs, the College of Arts and Sciences, and the Alumni Association. The Wade Trim Group and Vickers, Inc., are corporate sponsors.

Seating is limited. To reserve a place, call 370-2154. An optional lunch is \$10 each day.

Board Deletes Wrestling Team

OU has deleted wrestling from its intercollegiate athletic program but will retain any scholarships now being offered to those athletes as long as they meet other university eligibility requirements.

The vote to delete wrestling was 7-0 at the April 9 Board of Trustees meeting. Trustee Alex Mair was absent.

The action, effective this year, followed recommendations by Director of Athletics Paul Hartman. Lack of participation by student athletes and a lack of attendance were among major reasons for the recommendation to drop the sport.

The vote to delete wrestling came after trustees voiced concern over university responsibility to the students in such a move. Trustee Ken Morris said in part, "The primary consideration that I have — and I am going to want to know from the department and from the administration — is that students who make the decision to come to Oakland, based on programs that are offered, have some kind of guarantee in the event that their chosen program is eliminated. I would say to Oakland's administration that if the university commits to athletic activities, financial backup for every participant should be demonstrated. That is my concern."

The official resolution on the issue reads: "Resolved, that wrestling be deleted from the intercollegiate athletic program at Oakland University effective this year, and



Wrestling has been dropped from the intercollegiate athletic competition schedule. The Board of Trustees, citing a recommendation from the director of athletics, dropped the sport April 9.

that funds should be provided so that the students involved in the wrestling program presently on scholarships shall have such scholarships continued so long as they maintain the full eligibility requirements of the university during the undergraduate period."

Four Receive State Awards

The Michigan Association of Governing Boards cited two faculty members and two students at the annual awards convocation held April 9 in East Lansing.

History Professor Charles W. Akers and engineering Professor Gilbert L. Wedekind were honored with students Kim McDowell, a junior bio-chemistry major, and Dennis Washington, an English major. The association also presented engineering Professor Joseph Hovanessian with a certificate of recognition.

The association members represent the governing boards of Michigan's public four-year colleges and universities. The annual convocation honors outstanding and distinguished faculty and students from each institution.

Winners receive a certificate of recognition from the Michigan Association of Governing Boards and are also recognized by the Michigan Legislature.

Last fall, Akers and Wedekind were honored by the university. Wedekind was cited for teaching excellence and Akers for research excellence.

Akers is the author of three current books: on Abigail Adams, Samuel Cooper and Jonathon Mayhew. The Adams work received

rave reviews in *The New York Times*, *The Washington Post* and other publications. The Samuel Cooper work in 1982 was judged best book on the American revolution. Akers is a widely recognized scholar on 18th century America.

Wedekind has been credited with being the ideal engineering instructor: active, committed and with an international reputation as a practicing engineer. In addition to classroom work, he has supervised numerous undergraduate engineering design projects.

McDowell is not only a scholar, she is an athlete on the basketball team. She is also a member of the Crusade for Christ Planning Group and the activities chairperson for her residence hall. She is one of the youngest students ever asked to work in the university's Eye Research Institute.

Dennis Washington is a member of the Honors College, a member of the forensics team, president of the Association of Black Students, and active on the University Congress. He has served on the Student Life Lecture Board and the Black Awareness Month Committee. He has also been a program assistant for the dean of student services.

Gifts Aid Minority Projects

Two private donations to the Department of Biological Sciences will be used to establish a research facility to specifically aid in the training of high school and undergraduate minority students interested in science careers.

Professor Egbert W. Henry, acting department chairperson, said Dr. Nasir Ul Haque, chief of pediatrics at St. Joseph's Mercy Hospital in Pontiac, is providing research equipment to be housed in Henry's laboratory. S. Martin Taylor, executive director of New Detroit, Inc., and a member of the OU President's Club, is providing financial support for summer research and employment opportunities for undergraduate minority students.

Henry and Arun K. Roy, biological sciences, are working with Dr. Haque on research involving diabetic patients. Henry indicates that the "aging enzyme," superoxide dismutase, appears to have an important role in the human's ability to use insulin, as well as it being a basic enzyme in plant-cell senescence.

William V. Schneider, an honor student at Kalamazoo College who has been admitted to Kirksville School of Osteopathic Medicine, will spend the summer in Henry's lab as a guest student to continue work on this particular project. Schneider will also help train other students (minority and nonminority) in research techniques.

Dr. Haque's donation occurs at a most opportune time, Henry says, because for the

past six years, Henry has directed programs for the National Institutes of Health and the Howard University-Rockefeller Foundation. In these programs, minority high school students spend eight weeks in research laboratories of biological science faculty members. To date, all of these students have gone on to college; three have enrolled at OU (two in biology and one in engineering). Henry says he has searched for funds to support the employment of Oakland undergraduate minority students during the summer.

Roy and Henry say the donors exemplify the cooperation that has long existed within the OU community and within the biological sciences faculty to help provide substantive research opportunities for high school and undergraduate minority students.

Roy's predoctoral student, William Demyan, is working with Dr. Haque on a human diabetes project and will also be an active participant in this new overall department effort to provide unique research opportunities for talented minority students.

Henry and Roy say that "these two donations by concerned minority private citizens are particularly germane, as these two role-model private sector donors represent a landmark effort that will enable the faculty in the Department of Biological Sciences and the university to continue to offer more laboratory research experiences to area minority students who evidence a talent for science careers."



Computer operator Pat Myers assists junior Linda Daniels with the new on-line registration system. A few gremlins in the system caused some early delays, but students reported they were generally pleased with the speed of the new process.

Our People

Jot down details of your accomplishments and send them to the News Service, 109 NFH. Items are published as soon as possible. "Possess your soul with patience" — Dryden.

• Robert J. Goldstein, political science, has been awarded a contract by the University of California Press for an updated and substantially revised volume based on his 1978 book, *Political Repression in Modern America: From 1870 to the Present*. The 1978 book was widely praised: *Library Journal* termed it "enormously significant" and the *Canadian Journal of History* predicted it would become "the basic survey of the subject."

Goldstein spoke on *Social Justice in Industrialized Democracies* at the March conference of the Southwestern Social Science Association in San Antonio and will be the commentator at a panel on political repression in May at the Law and Society Association conference in Chicago.

• Ronald Sudol, rhetoric, wrote *What's New About Word-processed Writing* for the *ADE Bulletin*, the publication of the Association of Departments of English.

• Margaret B. Pigott, rhetoric and coordinator of Study Abroad, participated in a panel, *Role Models for SECUSSANS*, at the annual Michigan Association for Foreign Student Affairs conference in Lansing. She presented a paper, *Lucky without Props: Looking for Role Models in Study Abroad*.

• Keith Stanovich, psychology, wrote a chapter, *Cognitive Processes and the Reading Problems of Learning-disabled Children: Evaluating the Assumption of Specificity*, for the edited volume, *Psychological and Educational Perspectives on Learning Disabilities*. The book was published by Academic Press.

• Thomas W. Casstevens, political science, presented *The Circulation of Elites: A Review and Critique of a Class of Models* at the annual meeting of the Midwest Political Science Association in Chicago.

• Roberta Schwartz, journalism, was interviewed for the *Wide Track News*. Mary Ann Spicer, a former student of Schwartz' when she taught at Western Michigan University, wrote the piece. Schwartz appeared on WHND radio to discuss her Hemingway film and writing.

• Donald E. Morse, rhetoric, communications and journalism, represented his department and the Department of English at the spring meeting of the Michigan Association of Departments of English. Morse was elected vice president. He has also been elected to the nominating committee of the National College English Association and will begin his term at the spring annual meeting.

• James Ozinga, political science, has been selected to participate in the National Endowment for the Humanities Summer Seminar on *Religion and Revolution in the Modern World: The Case of the Russian Intelligentsia*. His book, *Prodigal Human*, dealing with global problems, was published by McFarland and his new book, *Communism: The Story of the Idea and its Implementations*, will be published by Prentice-Hall in September.

• At the Central States Anthropological Society meetings, Judith K. Brown, anthropology, participated in the *Symposium on Cultural Gerontology: Directions and Contributions*. Her paper was *Virtue and Work: Middle-aged Women and Their Younger Female Kin*. Brown also reviewed the book, *Women in Midlife*, for the journal, *Ethology and Sociobiology* (to appear in volume 7).

• Baruch Cahlon and Louis J. Nachman, mathematical sciences, wrote an article, *Numerical Solutions of Volterra Integral Equations with a Solution Dependent Delay*, for the December 1985 issue of *Journal of Mathematical Analysis and Applications*.

• Lucinda Hart-Gonzalez, linguistics, received a National Resource Center Summer Fellowship in Latin American Studies at Cornell University. She will give a lecture and do research on the Quechua language of Peru. She will also chair a session and present a paper, *Noun Phrase Structure in Ancash Quechua*, at a conference on *The Teaching of Quechua in the United States: Problems and Solutions*. The conference will be at the University of Illinois at Urbana-Champaign.

• David Lau, rhetoric, wrote *Training Small Group Communication Students in Self-reflexive Evaluation*. It appeared in *The Journal of the Illinois Speech & Theatre Association*.

News Notes

OSU Cites Scholar

Psychology major Karin Gregory has received a minority student fellowship from the Ohio State University Graduate School to begin with the fall quarter.

The fellowship includes both tuition and a monthly stipend for a full year and is worth over \$15,700.

Design a Data Base

A three-day course, Introduction to Relational Database Design, will be presented April 27-30 at Meadow Brook Hall by the School of Engineering and Computer

Science and the Division of Continuing Education.

David Boddy and Glenn Jackson, engineering, will instruct design principles applicable to any relational data-base management system and programming techniques applicable to users of dBASE II and III. No previous experience on a data-base management system is required, although some experience writing computer programs is desirable.

The course is intended for analysts, engineers and scientists who need to control specific data as well as for managers who want a working knowledge of the essentials of a well-designed relational data base, crucial for trouble-free data-base management.

Registration information may be obtained by calling 370-3120 or visiting 265 SFH.

Explore Careers

Health science students may attend a Physical Therapy Career Day from 1:30-3:30 p.m. May 13 to talk informally with recruiters and employers about occupations.

Representatives from physical therapy, nursing, medical technology and other fields will be on hand. The program will be in the Oakland Center Crockery.

Group Shows Film

The Women of Oakland University April film series continues with *Something's Got to Give* on April 30. The film will be shown from noon-1 p.m. in 126-127 Oakland Center.

Job Listings

Information about job opportunities is available from the Employee Relations Department at 370-3480, or by visiting 140 NFH.

• Public safety officer, POAM, Department of Public Safety.

Admissions to Close Early

Based on record enrollment for the fall and winter semesters of the present school year and strong application levels for 1986-87, university officials have announced that applications for undergraduate admissions will close on July 15. Graduate admissions will probably remain open through late summer.

Senior Vice President for University Affairs and Provost Keith R. Kleckner urged prospective undergraduate and graduate students who plan to apply for fall admission to the university to do so as quickly as possible in order to ensure that applications receive maximum consideration.

Kleckner cautioned prospective applicants that graduate students who have not completed the regular admissions

process and been formally admitted to the university before fall registration begins will *not* be permitted to register on campus *except* during the late registration period when a late-registration fee of \$25 is assessed.

All application materials should be on file by July 15 in order to receive maximum consideration. Graduate students who do complete the regular admissions process and are formally admitted will be permitted to register during the regular registration period, August 26-28. Those admitted to graduate *degree* programs may also register during the early registration period, August 4-14. Late registration runs from September 2-15.

Additional details concerning registration may be obtained by calling 370-3450.

Event Highlights World Issues

An international video conference on world issues and media responsibility will be beamed into campus on April 26 from London, Vienna and Kyoto.

The conference from 1-3:30 p.m. in 202 O'Dowd Hall is sponsored by the *Christian Science Monitor*. The conference will provide a forum for journalists to share their experience with students, faculty, staff and the public. The conference will include a live transmission via satellite of panel discussions among leading journalists at the three foreign cities. The panels will be moderated from Boston. Schools in the United States,

Canada, Egypt and the United Kingdom will participate with their own panel discussions.

Discussions by the London panelists will focus on small wars and terrorism, in Vienna the topic will be relationships between the superpowers, and in Kyoto the discussion will be about sharing technology and understanding foreign cultures.

The OU discussion is open to students, faculty and staff. Participants may submit questions to panelists at OU who will then relay them to the moderators in Boston.

Charter, Officers Installed by Society

The Nursing Honor Society will be chartered as an official chapter of Sigma Theta Tau, the international honor society of nursing, at installation ceremonies at 7 p.m. April 25 in St. John Fisher Chapel.

Rita Munley Gallagher will be installed as president. Other officers are Terri Ann Voltava, vice president; Judy Anderson, secretary; and Patricia Tackitt, treasurer. Linda Daniel, past national secretary, will conduct the installation ceremony. Approximately 150 nursing leaders will be inducted as charter members.

The OU chapter was approved at the Sigma Theta Tau biennial meeting in November 1985. Membership in the honor society is by invitation and is extended to undergraduate and graduate students, faculty members, and professional nurses who have demonstrated superior scholastic, leadership and nursing achievements.

Sigma Theta Tau has more than 75,000 members in 220 chapters in the United States. The organization encourages and sponsors research, promotes the development of nursing leadership and supports the development of nursing scholars.

A reception in the Chapel Social Room will follow the installation.



Elizabeth Tornquist of the University of North Carolina became the first visiting scholar in the School of Nursing when she conducted a seminar on writing and research. Tornquist, who describes herself as a "professional editor and amateur nurse," is the only resident editor in a U.S. nursing school. Faculty members and students met with her to talk about their projects. The scholar's visit was made possible in part with support from the Alumni Association.

Strauss, Klaits Earn Awards

History Professors W. Patrick Strauss and Joseph A. Klaits have received Fulbright and National Endowment for the Humanities awards.

Strauss received a Fulbright Lectureship in American Studies for the 1986-87 academic year at Shanghai International Studies University in the People's Republic of China.

Strauss will teach a graduate course on the history of American foreign policy and will give lectures on that topic in various other

locations in China during the academic year.

This is Strauss' third Fulbright award. Previous lectureships were at the University of Hong Kong in 1964-65 and 1970-71.

Klaits will participate in a summer humanities institute on the German Archival Sciences to be held at the Folger Institute in Washington, D.C. The program is funded by the NEH. Klait's is the author of a recently published book, *Servants of Satan: The Age of the Witch Hunts*.

APs May Apply for Funding

The Administrative-Professional Development Fund Committee is inviting applications for funding.

The fund offers APs the opportunity to attend nonjob-related workshops and conferences that provide professional growth. APs interested in applying for funding should submit their applications to the Employee Relations Department, 140 NFH.

Applicants may receive support from the fund once each calendar year. Those who received support in 1985 are eligible to apply for funding in 1986.

Information sheets and applications are available in ERD. If you have questions, contact any committee member: Elizabeth Ken-

dall, budget and financial planning; Dan Lis, residence halls; Joan Stinson, alumni; Laurel Strong, finance and administration; David Strubler, ERD; and Jack Wilson, student life.

Learn the Multics

A free seminar for persons who wish to become familiar with the Honeywell Multics computer will be conducted from 3-5 p.m. in 239 Dodge Hall. Gerard Joswiak will teach the four-week course beginning May 7. For details, call Joan Pistonetti at 370-4320 or visit 222 Dodge Hall.

The Oakland University News is published every other Friday during the fall and winter semesters and monthly from June-August. Editorial offices are at the News Service, 109 North Foundation Hall, Oakland University, Rochester, MI 48063. The telephone is 370-3180. Copy deadline is noon Friday of the week preceding the publication date.

- James Llewellyn, senior editor and news director.
- Jay Jackson, staff writer.
- Ann Straky, photographer.

Best in the West

Freedom is the Difference for Defector

Who supports Gorbachev? No one, because he can walk himself!

It wasn't exactly standup comedy, but Arkady Shevchenko nonetheless made quite an impression on an Oakland Center audience of 500 with his wisecracks about the Soviet Union.

The silver-haired lecturer would not have dared to make such jokes in public before 1978, when he defected to the United States. Now perched safely on platforms in the United States, the former Soviet official reveals opinions he formed during 22 years with the Soviet Foreign Service.

With black-rimmed glasses framing a smiling face that could have been your favorite uncle's, Shevchenko spoke about misconceptions Americans have about the USSR and how the Soviet leadership acts.

Shevchenko described a life for Soviet citizens that could best be described as dull and depressing. He stressed the lack of freedom — you need the government's permission to use a copying machine — and commented that the Soviet economy contributes to the low standard of living. Along with domestic misery, Soviet citizens have leaders who are unlikely to bend from their bureaucratic upbringing, leaving little hope for a sudden turn for the better in relations with the West.

Shevchenko seemed genuinely grateful for the friendly reception he received. Following his lecture and questions from the audience, the former under secretary general of the United Nations met with students at a reception and signed autographs.

Shevchenko, now an American citizen and author, saw Soviet leaders come and go, which was a source of humor for Shevchenko. He said Western assumptions of Soviet leader Mikhail Gorbachev as a closet liberal who will establish himself as a czar or benevolent dictator are off the mark.

"He is an intelligent man, rather well educated, but I cannot say he is the best-educated man since Lenin's time as some



Former Soviet official Arkady Shevchenko warmed up his Oakland Center audience with a few jokes about Soviet life and the leaders of the USSR.

have suggested. But, he is a rather well-educated man with good manners, very good at what is called in the West, PR, public relations, with charm. He is a charming man — when he wants to be charming," Shevchenko said.

Gorbachev became a sign of hope to Westerners eager for improved relations with the United States. "He is in good health, he is relatively young — relatively. I repeat: he is 55 years old. Let me remind you that Lenin died at 54. The entire nation," Shevchenko laughed, "is 60."

Recent Soviet leaders, who died after

lengthy bouts with illness, provided a backdrop that Gorbachev stood out against. For a leader who can "walk, talk and do all kinds of other things, it is of course, very impressive," he said.

Still, Gorbachev must serve with Politburo members who are not as youthful. Six of the 12 members are over age 60 and two are over 70.

The government pretends to pay us, we pretend to work.

Although there are hopes the Soviet Union will enter into a new era with Gorbachev in world politics and domestic im-

provements, an overnight change is impossible. The Soviet bureaucracy moves slowly and Gorbachev has inherited a stagnant economy. Productivity is low and consumer goods are expensive. A car costs a Soviet worker the equivalent of 10 years of wages and there is a seven-year waiting list for those who can afford one, he said.

"The Soviet Union is really at a crossroads now," Shevchenko said. "If present economic and social problems in the Soviet Union are not resolved...then I think the new Gorbachev leadership understands that the further erosion of the economic and political system is inevitable."

The central economic five-year plans have failed, Shevchenko added. The proof is food rationing in some areas.

"This is something which is a shameful performance of the country which claims to be a country with advanced socialism. These shortages are really serious ones and the productivity in the culture is perennially a problem. It is four to five times lower than in any civilized country of the West."

Shevchenko suggested that domestic conditions in the USSR will not improve dramatically unless the government either reduces defense spending or borrows more from the West.

The domestic problems could work temporarily to the advantage of the West in one regard. Shevchenko said the Soviets are anxious to "get their own house in order" and to do so, it will require peace with the United States.

One man turns to another and says, "You know, Gorbachev is a well-educated man, and look, he is illiterate." The other man says, "Why do you think he is illiterate?" The answer is, "He speaks without a prepared text!"

Authors Link OU, Area Schools

Students in Rochester schools listened to three well-known authors during the third annual Authors in April program that is cosponsored by OU.

Robert Quackenbush, Byrd Baylor and James Lincoln Collier met with students in eight public and parochial schools and with adults at a Meadow Brook Hall dinner. The authors visited the area April 21-22.

Each year three authors who write for a particular age group come to Rochester. They meet with students to answer questions about their craft and autograph their books.

Baylor is known for *Amigo*, *The Desert is Thirsty* and *Hawk, I'm Your Brother*.

Collier is considered one of the best historical fiction writers. His books include *My Brother Sam is Dead*, *Jump Ship to Freedom* and *Bloody Country*.

Quackenbush has written or illustrated over 150 books, such as *First Grade Jitters* and *Go Tell Aunt Rhody*.

The Authors in April program started from discussions between Mary Lou VanAntwerp, principal of Holy Family Regional School, and Irene Rauth, then the children's librarian at Rochester Hills Public Library. They met with Jane Bingham, professor of education in the School of Human and Educational Services. "Jane is respected for her expertise in the area of children's literature," VanAntwerp said. "She knows many authors and publishers and was able to steer us in the right direction."

SHES has brought prominent children's authors to the university for years, Bingham added, and the Authors in April program is at least in part a result of area teachers getting interested after hearing authors at OU and then wanting to have them talk to the children they teach.

Bingham brought OU into the program with the schools and the library. Students in Bingham's children's literature classes are encouraged to meet the authors at one of the dinners. "When scheduling permits we hope to hear the authors in the university setting, too," she said.

The cost of the program is shared by the parent-teacher groups of the schools, library supporters and OU. Volunteers provide transportation and local restaurants donate some meals.

"By combining our resources," Bingham said, "we are enabling a tremendous number of children to benefit."

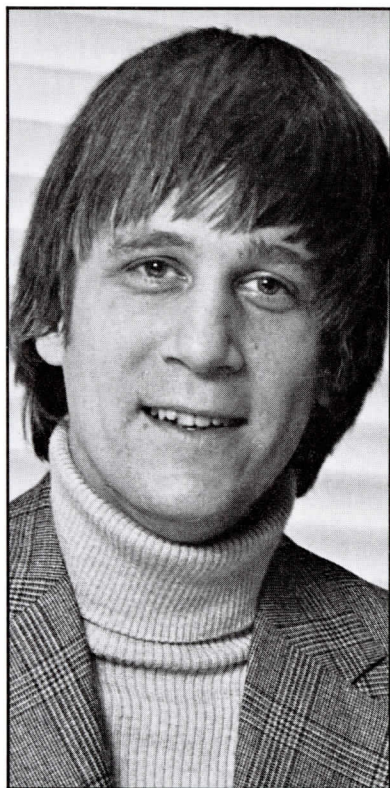
They Have a Feel for Thinking

You think.

You express a feeling.

Two separate functions controlled by the brain — or are they? Associate Professor Randal Hansen, psychology, says that cognition and emotion, generally accepted as separate, may in fact be intertwined.

Studies of the relationship between cognition and emotion being done by Hansen with two others have been recognized by the National Science Foundation. The NSF has awarded the research team a two-year \$132,000 grant.



Randal Hansen is studying the controversial link between cognition and emotion. The National Science Foundation is supporting his work with a two-year grant.

"The area of the grant is in what we might call social cognition, for memory for social events such as persons, places we've been, and more particularly how emotion and cognition come together. Traditionally we thought of emotion and cognition being very distinct, separate kinds of phenomenon and what we're attempting to do here is see how they interface. That is, what role one plays in the other," Hansen says.

Along with Hansen, Bill Krannel of Texas A&M University, and Christine Hall, who is finishing her doctorate at Michigan State University in social psychology, are the primary investigators.

"In the past when psychologists and others have talked about emotion, they have essentially argued that emotion gets in the way of cognition, makes your thinking fuzzy and does strange things to you, or that cognition influences emotion. The way you feel is a function of how you see the environment around you in a very rational, conscious way," Hansen says. "Our view is one in which emotion drives cognition. That is, in a sense, it has a very great bearing on the way you think. We are interested in exploring unconscious or subconscious thought process, more typically though called in the scientific literature 'automatic processes.' That is thinking in which we engage in, of which we are not aware."

Perception is an automatic process, Hansen says. "You look up in the sky and see a bird. It comes to you as a bird, not the raw information of the feathers and all that you had to crank through in order to recognize it as a bird."

The researcher explains that "it's that fuzzy area that we're interested in, that is thinking is very impactable. It has an impact on the way we think about a person or about a social event, but it's thinking about which we are unaware. We think it is in that domain that emotion plays a great role in the eventual product which is conscious thinking."

Hansen says the research team is interested in finding out why a person may

walk into a room and be drawn to one other person. "What is that, where does it come from, what are the parameters that determine how your attention goes to that one person? For example, there might be a roomful of strangers, and way across the room is somebody you've encountered before or somebody that looks like somebody you've encountered before. How does the cognitive system do that?"

Hansen says his research is between the traditional domain of psychology and the traditional domain of biochemistry. The approach, he says, is to look at this as an aspect of a biological system, with one aspect being emotion and the other cognition.

"We're interested in developing a model that puts them together in such a way that it's testable at a biological level," he adds.

Hansen says he is going beyond the traditional definition of cognition, that being an awareness of content and process, to include processing information of which we are not aware. A related study, he says, found that people may watch fantasy on television and be aware it is fantasy, but it nonetheless may have an effect on their way of thinking about real people. "In other words, it distorts their judgment in a particular direction, but they are not aware that their judgment has been distorted," he says.

As a practical application, the research could be used later to help people predict their reactions in given instances. The researchers hope to learn why people perform a task better with coworkers present, or why someone may begin to like something merely because he or she has been exposed to it a number of times.

Another aspect of the research is a study of self-memory, defined as all the information people have about themselves. "Some people contend that this self-memory forms the basis for understanding of what everybody else does, egocentric and our thinking," Hansen says.

Fulbright Applications Available

The U.S. Information Agency and the Institute of International Education will open the 1987-88 competition for Fulbright and other grants for graduate study or research abroad on May 1. The grants are for academic fields and the performing arts. It is expected that 700 awards to over 70 countries will be available.

The purpose of the grants is to increase mutual understanding between the people of the United States and other countries through the exchange of persons,

Institute Has Pressler

Pianist and teacher Menahem Pressler will lead the 25th annual Piano Teachers Institute at OU on May 8.

The institute serves piano teachers, providing them with an intensive day of training as they strive for increased levels of professional competence. The highlight of the institute will be two master classes that analyze the piano music of Mozart, Brahms and Chopin.

Pressler joins a list of outstanding instructors who have been featured at past institutes, including William Newman, Adele Marcus, Victor Babin, Claude Frank and Karl Ulrich Schnabel.

For registration details, call 370-2035.

knowledge and skills. The grants are provided under the terms of the Mutual Educational and Cultural Exchange Act of 1961 and by foreign governments, universities, corporations and private donors.

Applicants must be U.S. citizens at the time of application. They generally hold a bachelor's degree or its equivalent before the beginning date of the grant, and in most cases, will be proficient in the language of the host country. Except for certain specific awards, candidates may not hold a doctorate at the time of application. Candidates for 1987-88 will be ineligible for a grant to a country if they have done research work or conducted research in that country for six months or more during the 1986-87 academic year.

Creative and performing artists are not required to have a bachelor's degree, but they must have four years of professional study or equivalent experience. Candidates in medicine must have an MD or equivalent degree (e.g., DDS, OD) at the time of application.

Application forms and further information for OU students may be obtained from Ronald Kevern, Fulbright program adviser, in 364 SFH. The deadline for filing applications is September 5, however, interested students are encouraged to contact Kevern now.

Events

CULTURAL

April 29 — Renaissance City Chamber Players, 8 p.m., Varner Recital Hall. Variety of music with Misha Rachlevsky conducting. Tickets for OU personnel will be 50 percent off the day of the concert. For details, call 62-MUSIC.

Until May 18 — Sing for Your Supper at Meadow Brook Theatre. Call 370-3300 for tickets.

May 8 — 25th annual Piano Teachers Institute, Varner Recital Hall, all day. Fee required. Menahem Pressler will instruct. For details, call 370-2035.

Through May 18 — Muscle and Machine Dream: A Portrait of Motor City, Meadow Brook Art Gallery. A multi-media exhibit of Diego Rivera murals. Free. Call 370-3006 for details.

July 7-August 2 — Arts-for-Youth camps and the Meadow Brook Studies Program, Varner Hall. Fee required. Sponsored by the Center for the Arts and Oakland Schools. Register now by calling 370-3018.

CONFERENCES

April 28-May 1 — China Update: The Four Modernizations, Meadow Brook Hall. No registration fee but lunch is \$10 each day. Numerous speakers will attend. Sponsored by the Center for International Programs, the Alumni Association and the College of Arts and Sciences. Additional support comes from the Wade Trim Group and Vickers, Inc. To register, call 370-2154.

April 28-30 — Conference on Intelligence Systems and Machines. Sponsored by the Division of Continuing Education and the School of Engineering and Computer Science. For particulars, call 370-3120.

April 29 — Overcoming the Superwoman Syndrome: Working Your Way Out of Burnout, 9 a.m.-4

p.m. Sponsored by the Continuum Center and the Division of Continuing Education. Call 370-3033 for fees and details.

May 13 — Physical Therapy Career Day, sponsored by the Office of Placement and Career Services, 1:30-3:30 p.m. in the Oakland Center Crockery. Free. Call Joyce Esterberg at 370-3213 for details.

May 29-June 1 — Michigan Spring School for Women Workers. To be held at OU. Sponsored by the Ken Morris Labor Studies Center and the Union Minorities/Women Leadership Training Projects at OU and other universities. Call 370-3136 for brochures listing the numerous events.

ATHLETICS

June 2-3 — Gehringer-Kaline Golf Classic, all day, Katke-Cousins Golf Course. Proceeds benefit Meadow Brook Hall and the Department of Athletics. Reservations are required. Call 370-3140 for details.

June 15-August 1 — Sports camps sponsored by the Department of Athletics. Register now by calling 370-3190.

TOURS

June 1 (approximately) — Sunset Terrace will be open for tours until the fall conference season begins. Watch for further announcements about the exact date and tour schedules.

Sundays — Meadow Brook Hall is open from 1-4 p.m. for browsers. No reservations needed. Call 370-3140 for details about this and other tours.

Feeling left out of this? Send items to the News Service, 109 NFH.

Testimony of Joseph E. Champagne
President, Oakland University
Before
The Senate Higher Education
Appropriations Subcommittee
April 8, 1986

Chairman Sederburg and members of the Senate Higher Education Appropriations Subcommittee: Let me first express my appreciation to you for your allowing the public institutions of higher education to appear before you and to present their case for funding for fiscal 1987. On February 25, 1986, Chairman Sederburg wrote to each of the Presidents specifying the basic ingredients of the requested testimony. Eleven specific questions were asked. We have prepared a written statement answering each of the 11 questions plus additional informative data about Oakland University which you now have before you. I ask that each of you review these materials because they do summarize well Oakland's position relative to the 11 specific questions and to other concerns that face this institution as it attempts to meet the higher education needs of this state. In my oral testimony today, I shall attempt to summarize our case as simply as possible referring from time to time to elements of the supplementary materials we have given you and will leave sufficient time for any questions that members of this committee may have of me or of members of the university staff who are present. As I studied the 11 questions, it appeared to me that the central issue you want covered today is: What is Oakland attempting to accomplish, how does this fit into the mission of the higher education system in Michigan given limited state resources, and what problems does Oakland face in achieving its objectives?

Oakland is a relatively young university, but one which is dynamic and not locked into a history of bureaucratic inflexibility. It is a responsive institution which has taken seriously its role in specifically serving the needs of the citizens of this state. Michigan is certainly at a crossroad in its history; it has made enormous progress in the past few years as it has attempted to revitalize its economy and to improve the quality of life throughout the entire state. There is no question in my mind that Michigan, at the present time, is re-emerging as a national leader, particularly in the field of manufacturing technology. This success, in no small measure, can be attributed to the excellence of the higher education system that this state enjoys. However excellent the system may be, it is not without serious problems. You have heard from each of the college and university presidents that funding is the main source of the problem. I believe we are unanimous on that point. Those of us entrusted with the leadership of the institutions simply do not understand how Michigan can achieve the level of economic and educational vitality it needs if it does not take drastic steps to infuse into the higher education system a resource level which will stimulate the institutions and assist them in meeting adequately the needs of a vigorous-

ly growing and healthy state.

Oakland University has grown in size, complexity, and depth in its relatively short history. In 1985-6 Oakland had its highest headcount enrollment ever, and it is projected that in the fall we will not only again have our highest headcount enrollment, but also our highest fiscal year equated student enrollment as well. To speculate why Oakland has grown despite decreases in enrollment in many other institutions is, naturally, a matter of conjecture. We believe that we are in a region of high growth and strong economic stability and a region which is absolutely vital to the continued health and prosperity of the entire state. If the Detroit metropolitan area does not succeed, the state will be in serious trouble. While in a certain sense Oakland is a "regional" institution, it is regional only in the sense that most of its students come from the tri-county Detroit area surrounding the university. It is far from regional, however, in its impact upon the state, for as the tri-county region develops, so does the state develop and prosper.

The basic problem we face, as is true of so many of the universities, is simply inadequate resources to meet the demand or expectations that are being placed upon us if we are to be a significant partner in the educational system which drives the health and strength of the state as a whole. The statistics on Oakland's situation are documented in the booklet I have presented to you. Let me recap a few of the more dramatic figures which hopefully will impress upon this committee the seriousness of Oakland's plight. The estimated average appropriation per full-time student for the state of Michigan for the fiscal '86 is \$4525, yet Oakland's appropriation is \$3011, some \$1500 below the state average. If you exclude the big three institutions from the average, the state average is \$3407 with Oakland's appropriation at \$3011 approximately \$400 per student below the average of the 12 comparable institutions but, at the same time, Oakland's tuition level is right at state average. We therefore operate at a competitive disadvantage of approximately \$400 per student. We have been able to continue to operate on a year to year basis by increasing the productivity of our faculty and staff to a point where the student/teacher ratio at Oakland is the highest in the state at 21.6 students per faculty member. Recall that the State average is 14.9 students per faculty member. We have had to cut back or defer major expenditure categories in order to live within our budgetary limitations. For example, in 1985 Oakland spent only \$14 per student on new equipment compared to a state-wide average expenditure of \$48. Our appropriation level accounts for approximately 3.25 percent of the State appropriations, but our enrollment approximates 5 percent of the total higher education enrollment. Because the state has shut off funding formulas that did exist prior to 1980, Oakland now finds itself in a situation, based purely on enrollment growth at Oakland and declines at other institutions, in which we

have the equivalent of 1450 unfunded students. The current yearly value of this underfunding is approximately \$5,000,000.

These statistics are presented in graphic and tabular form in the booklet I have given you. What I have tried to do in these few minutes is to paint a picture of an institution that is, absolutely and relatively, seriously underfunded in this state. No matter what figures you look at and how you analyze these figures, you cannot arrive at any other conclusion than the fact that Oakland, along with several other similarly plighted institutions, is more than just underfunded, it is seriously disadvantaged within the higher education system in Michigan. We think this inequity problem is unfair to the institution, to the students it serves, and to the faculty and staff who work so hard with such limited resources to do the job that is expected of them.

Compounding these historical inequities and underfunding problems is the high growth area that surrounds Oakland University. The enormous economic growth in the immediate environment, within just yards and miles of Oakland University, is beginning to place on this institution a series of demands that we simply will not be able to meet in the years ahead. While we can curtail enrollment growth by capping programs, we still face the problem of having insufficient funds to modernize our laboratories, to computerize our campus, and to revitalize existing programs, as well as to explore new programs which are brought about by the enormous changes in this state and the region surrounding Oakland. Oakland has advocated, during these past few years, the return to an equitable model of funding, a system which has been called formula funding. We still believe that formula funding if approached from a rational perspective, can eliminate many of the underfunding inequities for those institutions which have grown in enrollment during the past decade or whose programs have dramatically changed because of the changing environment in which the institutions find themselves. We are not advocating, nor have we advocated in the past, that the state needs to take away from those schools that have declined in enrollment in order to fund the schools that have grown or are growing in enrollment. We believe that all institutions have serious funding problems; but we do believe that a rational formula, if appropriately utilized, can help, over time, to shrink the enormous differences in funding that exist and which have been brought about principally by major enrollment shifts. It is extremely hard for me to understand how within a single state, with a system of 15 institutions, that some institutions can be receiving as much as \$6650 per student in state appropriations and other institutions are receiving as little as \$2800. If you extract the big three from this comparison, the spread ranges from a low of \$2800 to a high of \$4900. I simply do not believe that the program complexity differences among those 12 institutions is so great as to justify a \$2000 difference per student appropriation level.

We must come to grips with the reality that is facing many of our institutions. I strongly urge this committee in the final analysis to take a look at this serious spread in appropriations and to find a way to infuse into the base appropriations sufficient funds for those institutions who are obviously underfunded on a relative basis within the State. I do not see how all of us can be expected to provide comparatively equal quality programs when the range of appropriations among comparable institutions is so great on a per student basis. Oakland's position in this relative mix is 13th, yet I do not believe that our program complexity nor the quality of our efforts warrants this inappropriate level of state aid.

The present overall appropriations recommendations of approximately 5.5 percent for the state is simply inadequate to meet the challenges of our institutions. One of the tables in the materials presented to you shows that if Oakland were to increase tuition at the maximum level recommended this year, 4.3 percent, it would require an 11 percent appropriations increase in order simply to balance the FY87 budget. The recommended 5.4 percent appropriations increase plus a 4.3 percent tuition increase is projected to produce for Oakland a fiscal year beginning deficit of 1.1 million dollars. We will make up much of this deficit through funds being already held back this year within our budgeting process in order to develop a contingency fund and by further increasing the productivity of our staff or deferring again other important expenditures and all but eliminating any type of incremental funding for equipment, maintenance, and other vital expenditure categories.

Members of the committee, we strongly believe that you simply cannot maintain status quo funding at a time when the technology around us is exploding so rapidly that we must engage in major curricula, equipment, and facilities renovation if our programs are to do justice to the students we are educating. In Oakland's case if you couple this inadequate level of funding with its historical underfunding, you find us at, what I term, a serious institutional crisis level. Just as Michigan is enjoying prosperity again, Oakland, a contributor to this prosperity, is not receiving its fair share of state higher education resources. I, therefore, urge this committee to seriously look at the problems of inequitable funding as well as the overall level of increase for all institutions. You do not have an easy task, but neither do the institutions have an easy task in attempting to provide programs which are relevant, high in quality, and consistent with the demands being placed upon them as partners in the growth and revitalization of Michigan. We want to accept our responsibilities and not hide from them. Oakland has demonstrated its good faith; we ask that you provide incremental resources to help us meet our responsibilities and to continue to assist in the upward spiralling of the quality of life and economic future of the state.