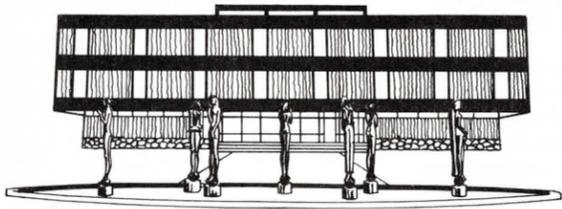


OAKLAND UNIVERSITY NEWS



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January 31, 1986

A publication for faculty, staff and friends

State Delays Implementing Funding Formula

The governor has delayed implementing a funding formula for Michigan's public colleges and universities, choosing instead to provide them with an across-the-board budget increase for 1986-87.

For the 1986-87 state fiscal year, which begins October 1, Governor James Blanchard proposes a 5.5 percent increase for all colleges and universities. The governor has not ruled out the possibility of a revised formula being used in the future, however. A special task force appointed by Blanchard devised the formula.

Under a formula, state aid would be determined for each institution by considering such factors as enrollment increases or declines, and academic program offerings. "We have long advocated the importance

of a formula in funding," President Joseph E. Champagne said. "A good formula brings about equity in funding. We at Oakland have been seriously underfunded because we have grown so much in the last few years."

The president said he would rather wait for a revised formula than rush into one now that has flaws. "It is just as important that the formula be accurate. We applauded the movement toward a formula, but we'd rather wait to get a formula that is accurate," he said.

"The things that (the governor) is talking about — program complexities, research — are things we felt were not as accurate as could be in the proposed formula."

For the past two years, all public colleges and universities have frozen their tuition rates. State officials said they will not object

to tuition increases this fall — if they are at or below the rate of inflation. The Consumer Price Index is now just below 4 percent nationally but just above 4 percent for the Detroit market.

"I think that is a reasonable approach," Champagne said. "We've got to contain the cost to students. But I am also aware that the state has potential revenue difficulties. I think it is reasonable to stay with a system that matches tuition to inflation."

"There are some things we may not be

able to do this year, but at least we are operating in a growth mode, not in a regressive mode."

Champagne is grateful for the increases in state funding over the past two years. "The kind of budget the governor has been providing has helped higher education tremendously. The fact that we are now staying ahead of inflation is allowing us to catch up," he said.

Blanchard's budget proposal for 1986-87 must be approved by the Legislature.

Black Efforts Cited

The founder of a Grammy Award winning gospel choir, a senior editor at *Ebony* magazine, and an internationally known classical musical composer are among the guests who will celebrate Black Awareness Month at OU.

The annual event, running from January 31-February 20, is a celebration in art, music, song and theatre. More than two dozen OU organizations are co-sponsoring the celebration, which is coordinated by the Black Awareness Month Committee. The chairperson is I. Lynne Cage and the co-chairperson is Adam E. Jackson, Jr.

This year's theme is *Music: A Spark in Black Culture*. Unless noted otherwise, rooms listed are in the Oakland Center. The schedule, furnished by the Office of Student Affairs, is as follows:

January 31 — Inauguration Day ceremonies begin at 2:15 p.m. in the Gold Room with a symposium, *The Impact of Black Music on American Culture*. Speakers include DeWitt Dykes, history; Dr. Mattie Moss Clark, founder of the Clark Sisters gospel singers; Marvin "Doc" Holladay, music; Josephine Love, director, Your Heritage House; John Dovoras, music; and Hale Smith, classical music composer. Smith's work, *Ritual and Incantations*, is being performed by the Detroit Symphony Orchestra on February 1. The Focus and Impact Awards will be presented.

February 2 — *Paint by Mr. Amos Ferguson* exhibition opens at Meadow Brook Art Gallery and continues until March 16.

February 3-4 — The film, *Stormy Weather*, with Lena Horne will be shown at 11:30 a.m. February 3-4 in the Exhibit Lounge and at 8 p.m. February 4 in the Vandenberg Hall Multipurpose Room.

February 5 — *Ebony* magazine Senior Editor Lerone Bennett will speak at 2:15 p.m. in the Crockery. A reception will follow.

February 6 — Upward Bound students will perform music and read poetry at noon in the Fireside Lounge.

February 7 — Nana Boachie-Yiadom will demonstrate African musical instruments. Wood carvings will be shown and African food will be available. The program begins at 2 p.m. in the Crockery.

February 8 — *A Time to Remember*, a history of black labor. The Department of History and the Ken Morris Labor Studies Center are sponsoring the event from 8:30 a.m.-3 p.m. To register, call 370-3124 by February 4.

February 8 — *A Tribute to Black Awareness Month* will be presented at 8

p.m. in the Barn Theatre. Black poets, dancers, musicians and other artists will entertain.

February 9 — The OU Gospel Choir will perform at St. John Fisher Chapel at 7:30 p.m., as will the Michael Fletcher Choral Community Choir.

February 10-11 — The film, *Gospel*, will be shown at 11:30 a.m. in the Exhibit Lounge and at 8 p.m. in the Vandenberg Hall Multipurpose Room on February 10, and at 11:30 a.m. February 11 in the Exhibit Lounge.

February 11 — Singer and musician Josh White, Jr., will present a free concert at 8 p.m. in the Crockery.

February 12 — White will present a songwriting workshop at 12:30 p.m. in the Fireside Lounge and lecture at 2:15 p.m. in the Crockery.

February 13 — The Afram Jazz Ensemble will perform at noon in the Fireside Lounge. James Weldon Johnson, composer of *Lift Every Voice and Sing* (the Negro National Anthem), will lecture at 2 p.m. in Gold Room C. Residence Halls will have a "Southern Cuisine" soul-food dinner from 4:30-7 p.m. in the Vandenberg Hall cafeteria. Live entertainment will accompany the event. At 8:15 p.m., the Creative Players Guild will present *What's Going on 1986?* at 8 p.m. in Varner Recital Hall. The play will also be presented February 14-15. Tickets are \$5 general admission and \$1 for students. Robert L. Douglas, student services, wrote the play.

February 14 — At 10 p.m., Kappa Alpha Psi Fraternity will sponsor a Valentine's Day dance in the Crockery.

February 16 — The J.C. Heard Orchestra will perform in Varner Recital Hall at 8 p.m. Tickets are \$6 general admission and \$4 for students and senior citizens. Call 370-3013.

February 17-18 — The film, *St. Louis Blues*, will be shown at 11:30 a.m. February 17 in the Exhibit Lounge and on February 18 at 11:30 a.m. in the Exhibit Lounge and at 8 p.m. in the Vandenberg Hall Multipurpose Room.

February 17 — Students will compete for prizes in the Kappa Alpha Psi Oratorical Contest at 7 p.m. in the Gold Rooms.

February 19 — *Funk and Fashion* dance and fashion show will be at 7 p.m. in the Crockery.

February 20 — Brian Murphy, English, will lecture at noon in the Fireside Lounge on *The Influence of Black Music on the Beatles*.

For additional details, call 370-3200.



Dean Brian P. Copenhaver, arts and sciences, listens as Les Csorba of Accuracy in Academia makes a point. The executive director of the Washington, D.C., organization came to campus for a forum on academic freedom. The story is on page 3.

Hormone Eyed for Heart

The thyroid hormone is a potent new ally in the fight against cardiac disease, reports Asish C. Nag of the Department of Biological Sciences.

He has found that the hormone "induces a change in myosin, one of the predominant proteins responsible for the beating property of the heart."

"The thyroid hormone's profound effect on embryonic cardiac muscle cells can be used to speed the day when these cells could simply be injected into a damaged adult heart: there they would multiply, replace the scar tissue with healthy cells, and the heart could resume its normal beating properties," he says.

The biologist is beginning such experiments with laboratory animals. "Depending on the results, it will be determined whether it is feasible for application to the human heart," he says.

Nag has published his findings in the *Biochemical Journal*, *Journal of Experimental Cell Research*, and other journals. Last fall he shared his findings in an invited lecture at the 10th Congress of the International Society of Developmental Biologists. He has proved that embryonic heart muscle cells are capable of repairing themselves after injury and his lab was the first to grow adult cardiac muscle cells in a culture.

The researcher explains that myosin influences the beating rate of the heart, a lower rate when the protein is in the embryonic state, and a higher rate per minute in its adult state.

By administering thyroid hormone to cultured heart muscle cells, Nag was able to transform embryonic myosin to the adult state in a matter of days.

"The significance of the studies is obvious," Nag claims. For example, in diabetes and certain cardiac diseases, the adult heart accumulates more embryonic myosin from

the cells than it does adult ones, resulting in a much lower beating action of the heart. Nag says that if the thyroid hormone changes myosin to the adult state, it is reasonable to think the hormone might alleviate this deteriorated heart condition. This will be the subject of a future experiment.

Nag has also learned that in a culture, (Continued on page 4)

Contributions Reach \$38,000 in Campus Drive

The 1985-86 All-university Fund Drive Committee reports that as of January 23, the faculty and staff had committed nearly \$38,000 in cash gifts and pledges to aid departments and programs of the university. This amount is toward a \$50,000 goal.

This year's total will be supplemented by money from the Oakland University Foundation in the form of a match of \$1 for every \$2 raised in new or increased gifts, up to \$10,000. The total amount that qualifies for the match will be calculated at the end of the fiscal year when all results are in. Totals to date, however, indicate that enough new money will be collected to meet the entire match.

More than 400 employees have responded thus far to the fund drive appeal. The committee reminds anyone who has not yet decided on the amount or designation of his or her gift to respond as soon as possible by returning a pledge card to the Gift Accounting Office, 272 SFH. Additional pledge cards and envelopes may be obtained by calling 370-4245.

Our People

Everyone in the university community is invited to send information for this column to the News Service, 109 NFH. Publication is on a space-available basis.

- Robert L. Douglas, special programs, performed on the Southern Christian Leadership Conference's Martin Luther King, Jr., Birthday Telethon on January 15 on WGPR-TV. The telethon was part of the programming planned for the first official celebration of Martin Luther King Day as a national holiday. It was a benefit to raise funds for the development of job and educational opportunities for Detroit's needy youths. Douglas performed an original presentation of a speech King might give if he could speak to us today. The speech included an introduction and three original songs from previous plays written by Douglas. It was performed by members of the New Visions/Knight-Life Ensemble Theatre, Inc., of Detroit.

- Miron Stano, economics and management, wrote *An Analysis of the Evidence on Competition in the Physician Services Markets* for the September issue of *Journal of Health Economics*. He has also been asked to continue for a second year as a member of the Grants Advisory Panel for the Michigan Health Care Education and Research Foundation.

- An article by Liz Barclay, economics and management, *Recruiting Sources: Another Look*, appeared in the *Journal of Applied Psychology*. Co-authors were Philip G. Swaroff and Alan R. Bass.

- Alan Reinstein, economics and management, wrote *How to Value the Economic Loss Resulting from an Untimely Death*. It was originally published in *The Ohio CPA Journal* and was reprinted in the December issue of *The Practical Accountant*. The co-author was Robert Hansen of the University of Toledo.

- Philip Singer, anthropology and health behavior sciences, has been elected to the advisory board of *Phoenix: New Directions*

in the *Study of Man*. It is the journal of the Association for Transpersonal Anthropology.

- Norman Kloosterman, nursing, was elected editor of *Intensive Interest*, the newsletter for the Michigan Chapter of the American Association of Critical Care Nurses.

- Erik Kolbell, campus ministry, is listed in this year's edition of *Who's Who in Religion*.

- Andrea R. Lindell, nursing, was elected to the Michigan Nurses Association Board of Directors to represent education.

- Katrina Roy, nursing, presented her master's thesis, *An Analysis of Graduate Nursing Students' Innovation-Decision Process*, at the annual Nursing Research Day sponsored by St. Joseph Mercy Hospital in Pontiac. She also presented *Health Aging* at the General Motors Technical Center in Warren.

- Anna Dugan, nursing, was appointed vice chairperson of the Nursing Research Committee of the American Heart Association of Michigan. She presented her paper, *Identifying Motivators for Healthy Lifestyle Changes*, at the second annual Nursing Research Day at the Shapero Institute for Nursing Excellence at Sinai Hospital in Detroit.

- Frances Jackson, nursing, was elected to the Impartial Committee of the Michigan Nurses Association. She presented *Academic Success — Detroit Public School's Mentorship Program* at Marygrove College.

- Augustin Fosu, economics and management, presented *The Role of Occupational Mobility in Earnings Gains by Black Women* at the Allied Social Science Association meeting in New York. He also chaired the National Economic Association session on *Race, Gender and the Labor Market* at the same meeting.

- Members of the Department of Mathematical Sciences attended the annual joint meetings sponsored by the American Mathematical Society and the American Mathematical Association in New Orleans. Two of them presented papers. James H. McKay presented *On the Inversion Formula for Two Polynomials in Two Variables*, which was done jointly with Stuart S. Wang. Baruch Cahlon presented *Existence Theorems of Random Solutions to Stochastic Functional Integral Equations*.

Paralegals Speak

Nearly 80 persons from the public heard recent graduates of the Division of Continuing Education's legal assistant program discuss the paralegal career. They met in the Oakland Center January 9.

Linda Dunne and Patricia Beasinger, both employed by private law firms, discussed duties they perform in the paralegal jobs, their backgrounds, and the legal assistant program. Attorney Terry L. Netzloff spoke about how the paralegal functions within the law setting.

Gloria Boddy, program job referral service director, said the number of inquiries from potential employers for OU paralegal graduates has more than doubled in the past year. Priscilla Hildum, program director, conducted the informational program.

SFH, or by calling 370-3222. Proposal due dates, if known, are listed.

National Science Foundation

Biotic systems and resources, May 1; and U.S.-foreign country cooperation, March 1-May 1.

National Endowment for the Humanities

Summer seminars for college teachers, March 1; humanities programs for nontraditional learners, April 1; summer humanities program for high school and college teachers, March 15; summer seminars for secondary school teachers, April 1 (for 1987 seminars); fellowships for independent study and research, June 1; and fellowships for college teachers, June 1.

Job Listings

Details about posted job openings are available from the Employee Relations Department, 140 NFH, or by calling 370-3480.

- Secretary II, C-5, School of Engineering and Computer Science.

Margo King: New Director of U. Relations

A desire to return to higher education has led Margo E. King from AT&T in New York to OU as director of University Relations.

King assumed her position on January 20. Among her duties as director, she is responsible for the News Service and the Publications Department. Her appointment was announced by David H. Rodwell, vice president for external affairs.

"I really care about higher education. That's been my background. I always hoped and expected to return to it," King said.

Before entering corporate business, King was an English lecturer at the University of Windsor in 1965-66. She was an instructor in business, communications, English literature and composition at St. Clair Community College in Windsor from 1967-74. From 1975-77, she was director of the Women's Center at St. Clair Community College.

King worked for Michigan Bell from 1977-82 as a performance analyst and a learning center supervisor, a market manager, and a sales manager. For part of 1983, she was an industry manager for AT&T Information Systems in Southfield. King was then a manager in marketing and later manager of resource optimization for AT&T Communications in Basking Ridge, N.J. She held those positions from 1983 until mid-1985. Until her appointment at OU, she was a manager of organization effectiveness at AT&T in New York City.

King also has experience at General Motors and the Detroit College of Business.

"I went to business to get the very nitty-gritty experience. I'd like to use what I've learned in higher education," she said.

In her new position, King provides support to departments and offices as they carry out



Margo King

their goals. She will also assist in projecting the image of the university to the community and act as a liaison between the university and constituents.

King received her bachelor's and master's degrees in English literature from the University of Windsor and her doctorate in higher education and educational administration from Wayne State University.

The new director has also studied marketing, management and consulting through corporations and institutes. King has acted as a consultant for business, education, government and other clients. She has written articles for *Training and Development*, *Training and Personnel Administrator* magazines.

During her first few days on the job, King has met with deans and directors to get a feel for the university and its resources. Her impressions have been favorable. "I really find the people very nice. I've been greeted warmly," she said. The atmosphere at OU is somewhat of a "culture shock," she says, because in Manhattan, with its crowds and heavy traffic, people rarely took the time to notice one another on a personal level, as they do here, she said. "This is warmer, friendlier, more involving."

Although the problem isn't on quite as grand a scale, one aspect of OU does remind King of the East. "Parking is almost as difficult," she joked.

Nominees Sought for Award

The University Research Committee is seeking nominees for the annual Research Excellence Award, which includes a \$1,000 stipend. All bargaining unit faculty members at OU are eligible.

For purposes of the award, the faculty will be divided into three categories: natural sciences, social sciences and the humanities. An award in one category will be made each year, with the categories rotating on a three-year cycle. This year the award will be presented in the social sciences at fall commencement. Someone from natural sciences will be selected in 1987 and from the humanities in 1988.

Candidates may nominate themselves or be nominated by others. A one-page letter about the candidate's accomplishments should be sent as part of the nomination. The deadline is February 17.

Candidates may be considered on the basis of books or related publications and presentations, a career of research accomplishments, or significant scholarly contributions in a field.

Send letters of recommendation to Ronald Tracy, University Research Committee, Office of Research and Academic Development, 370 SFH.

In The News

Some recent appearances by OU faculty and staff members have included the following:

- John Cameron, art and art history, was featured in *The Detroit News* about his architectural survey of Oakland and Macomb counties.

- Virinder Moudgil, biological sciences, was interviewed on Channel 2 about his research on RU 486, the French drug he is testing. The *News* is also planning coverage of it.

- The *Eccentric* carried a feature about Charles Lindemann and his research on sperm cell activity.

- The *News*, *Detroit Free Press*, *Eccentric*, *Oakland Press* and radio and television stations carried stories about the academic freedom seminar. The *Free Press* and *Eccentric* published editorials supporting the university and applauding its invitation to the Accuracy in Academia organization.

Funding Opportunities

Information about the following sources of external funds is available from the Office of Research and Academic Development, 370

New Faces

Recent additions to the university staff include the following:

- Jan Elvekrog of Birmingham, an administrative assistant in advising in the College of Arts and Sciences.

- Stanley Susan of Detroit, a research assistant in the Eye Research Institute.

- Marcella Walsh of Rochester, a clerk-receptionist II in the Department of Placement and Career Services.

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

reform proposals that would have a "far-reaching and detrimental impact" on the pension and tax-deferred annuity programs of colleges, universities, private schools and other educational and research organizations.

Officials of the \$43 billion TIAA-CREF pension system have been working with Washington-based educational associations to mass opposition to the tax-reform bill's harmful pension provisions.

In a separate communication to college presidents and business officers, TIAA-CREF Chairman James G. MacDonald said, "The bill the Senate is receiving from the House was prepared under severe time and political pressures and, we believe, has produced some unintended and destructive results." If unchecked, MacDonald said, the overall effect will be "a reduction in the amount of retirement benefits that participants can accumulate, and severe restrictions on the flexibility of the nation's educational institutions to provide the kinds of staff benefits they need and have depended upon."

"For this reason," MacDonald concluded, "we are urging officials of some 3,700 educational institutions having TIAA-CREF pension plans, and all one million TIAA-CREF participants, to join the fight against the unfair pension provisions of tax-reform legislation by writing their senators and members of the Senate Finance Committee as soon as possible."

Information in this column is provided by the Staff Benefits Office of the Employee Relations Department.

Approach to Academic Freedom Splits Opinion

A campus forum revealed that while all speakers agreed academic freedom is essential, defining what it is a matter of opinion.

The Oakland Center forum January 16 drew approximately 200 spectators to hear Les Csorba, executive director of Accuracy in Academia, spar with Brian Copenhaver, dean of the College of Arts and Sciences, and student Robert Waters, executive assistant to University Congress. After nearly two hours, little was resolved, although it was clear that Csorba failed to sway many observers into becoming ardent supporters.

Csorba contended that academic freedom means carrying out professional responsibilities, Copenhaver declared that it is a complex "academic discourse," and Waters claimed it is freedom from "spies" reporting on professors.

AIA has been condemned by students and faculty groups nationally, and at OU in particular, because of its investigations of teaching materials, including those used by Mary Karasch, history. The group has made peace with Karasch because of her willingness to consider alternate viewpoints concerning Central American affairs, Csorba indicated. The latest issue of *Campus Report*, the AIA newsletter, includes a story about Karasch, although it does not name her.

Csorba, in addition to taking credit for making Karasch a "campus hero," said AIA merely makes professors accountable for what they say in the classroom, particularly if they make "demonstrably inaccurate" statements. He said AIA is not concerned with bias, but inaccuracy. However, questioners challenged him, claiming his statements often reveal more concern for ideology than facts.

"What have we done? Accuracy in Academia has simply advanced the idea that teaching is a form of oral publication and professors, while they have a right to academic freedom, cannot claim immunity from public criticism," Csorba said. "Now, many people will argue that Accuracy in Academia poses a threat to academic freedom and as a result, we have received these condemnations. Well, I think this is patently absurd. I do want to stop right here and challenge the panelists and questioners today to point to one specific example of where this organization has violated the principle of academic freedom, has been responsible for someone being removed from the classroom, or fired, or for an idea suppressed, or who has unfairly been libeled or slandered in any of our publications, because if anyone wishes to criticize in a

responsible, scholarly manner, I think they ought to look at our product.

"So, the question is academic freedom. Academic freedom is not simply the right to free speech. We're given this particular freedom, the name academic freedom, to denote its academic function. The first word qualifies the second. Academic freedom is a professional right that one exercises only in the course of carrying out certain professional responsibilities."

Csorba added that professors have a responsibility to be fair and balanced, and not propagandize. Among his examples of inaccuracies were professors who have claimed that Castro is not a dictator and that in the United States today, there is more injustice than there was in Nazi Germany.

"Once again, it's not simply the right of free speech. The fallacy is to imagine that because these professors have these rights, the rest of us automatically assume an obligation to furnish them with the means of exercising those rights. It just doesn't follow. I have a right to profess my own opinion, but it is not logically linked and (does not) lead to 'and we must hire him to do so.'

"Finally, academic freedom serves an academic purpose, not an ideological one. Some news people think academic freedom is simply a means they use to protect and nurture such valuable assets as themselves. Indeed, these professors can be an asset,

as long as they perform the service of education and remember the worst threat to anybody is the man who abuses it."

Copenhaver countered that "in an academic classroom, a person who assumes a statement like, 'Castro is not a dictator,' to be misinformation, doesn't understand academic discourse.

"Academic discourse treats a statement like that as a claim and approaches that claim with suspension of judgment, methodical doubt, criticism of perceived opinion, and tolerance for ambiguity. Csorba's approach, I'm afraid, confuses the semantic value of a word like 'dictator' with the semantic value of a word like 'aspirin.' It's easy to tell what an aspirin is and none of us would quarrel very much about what constitutes an aspirin. There would be enormous quarrel from a lot of people as to what constitutes a dictator.

"Some other person makes a claim like that and it gets removed from the academic realm, where fine discourse is possible, into the realm of political journalism, where fine discourse is practically impossible."

Csorba said his organization urges students with complaints about professors to resolve them internally. "We encourage that," he said. "We also encourage them to contact us so that we can make that complaint, instead of a private matter between the university, a public one so that taxpayers

in support of the institution know precisely what they're getting for their taxes."

By publishing complaints, Csorba said, AIA is like an investigative reporter. At an earlier news conference, he commented in regard to that, "We're in the business of informing. Sunlight, we feel, is the best disinfectant and we're the disinfectants."

Waters disputed Csorba's claims about the need for an outside group. "As free-thinking adults, we should be able to distinguish between the presentation of biased opinion and the presentation of fact. In fact, this often less-than-subtle distinction comes as part of our educational experience, something we learn and something we learn to distinguish between in the classroom."

Questioners from the audience and student moderator Laura Saul asked Csorba how he could rely on the accuracy of reports from students. Csorba said nothing is ever published without first questioning the professor.

Professor Jesse Pitts, sociology and anthropology, said the danger is that students may accidentally or even deliberately take comments out of context. "People who are put off by statements of a professor can lie in wait and find a statement, out of context, and deem it outrageous," he said.

Associate Dean Sheldon Appleton, arts and sciences, commented that "one of the purposes of the academic enterprise is to set up a low-risk environment where people can afford to make mistakes. Universities, scholarly communities, originate the search for truth. By the nature of them, very many of the ideas that are put forward are going to be foolish ideas and are going to turn out eventually to be wrong.

"We don't know in advance which of those ideas is going to be right and so we encourage people to say, with minimal risk, all kinds of outrageous things. Socrates went to his death because the things he said outraged the citizens of Athens. Galileo was tortured because he said something that was 'demonstrably inaccurate.'"

Professor Ed Heubel, education, speaking on behalf of the campus chapter of the American Association of University Professors, told reporters, "I don't think the universities need an inquisition in the form of some national monitoring group, and to me, that's what this is."

AIA is affiliated with Accuracy in Media, headed by Reed Irvine. Csorba said individuals have contributed almost \$80,000 to AIA since it formed last summer. Its first-year budget is \$162,000, he said.



Associate Professor David Shantz, psychology, to Les Csorba: "Given what you have described about your operation, it seems to me that you are very likely to be publishing statements about faculty that are not correct."

Anti-gestational Drug Under Study by Moudgil

Endocrinologist Virinder K. Moudgil has proved that RU 486, the French experimental anti-gestational drug, binds to cell receptors and prohibits the female hormone progesterone from doing its job.

Moudgil has done basic research on samples of the drug supplied by the French lab that created it.

"There was speculation previously as to how the drug actually stopped the action of progesterone, but no clinical evidence,"

Moudgil says. The drug company, Moudgil says, is interested in collecting all the data it can on how the drug works and about possible side effects before it tries to market the product for human use in France, the United States, and other countries.

Moudgil explains that "progesterone is a steroid hormone, the key hormone for the establishment and continuation of human pregnancy. RU 486 is a synthetic, artificially made anti-progesterone agent that does

not oppose but simply stops progesterone action.

"As an anti-progesterone drug, it could induce menstruation when given in the second half of the menstrual cycle, prevent implantation when given at nidation (implantation of the fertilized ovum in the lining of the uterus), and induce abortion when given in early pregnancy."

The researcher says RU 486 could "revolutionize family planning, providing a woman with a nonsurgical method of birth control when her period is delayed." Research to date indicates that the drug accomplishes this without any of the known side effects of other agents now in use. Moudgil also states that "basic research is crucial so that any of those possible side effects can be discovered now, if possible. Some drugs have been cleared for use and the damaging side effects have shown 10-15 years later."

Moudgil has demonstrated the working of the drug by using cell preparations from calf uterus, which is very similar to the human system. The scientist says the "laboratory work proves that RU 486 binds to progesterone in a cell-free preparation, making the receptors defective so that they will not become activated and ready to receive progesterone."

A paper on his findings has just been published and results on the uterine tissue studies will be presented in June at the national meeting of the endocrine society, Moudgil says. His associates who are working on hormone action include Naomi Eliezer, Cliff Hurd, Kam Chan, Mary-Jo Anter, Laura Vandenheede and Kathrina Spyridakis.

"Whether or not the drug is ever cleared

for use in this country, scientists need to know how it works," the professor maintains.

RU 486 has caused much controversy among right-to-life groups because when taken in pill form, the drug terminates a pregnancy as late as two months after conception. The drug can have other potential uses, Moudgil says.

"In addition to its use for a nonsurgical abortion for a rape victim, RU 486 has shown promise in blocking the action of a hyperactive adrenal gland whose malfunction can cause other diseases. In addition, since the drug blocks the action of progesterone, it could be helpful in the treatment of certain cancers, like breast cancer, associated with estrogen and progesterone levels," Moudgil says.

Moudgil has studied the mechanism of steroid hormone action for over a decade.

Student is Scholarship Nominee

Sophomore Keith L. Faber of Battle Creek has been nominated for the prestigious Harry S. Truman Scholarship.

The competition has rigorous eligibility requirements, says history Associate Professor Carl R. Osthaus, faculty representative for the scholarship. Osthaus describes Faber as a student of high academic promise, having a distinguished record of service at the high school and college levels, and having expressed career goals which will

probably lead to a career in government service.

Faber intends to enter law school and specialize in the medical aspects of the law. For the OU portion of the competition, Faber wrote an essay on the Michigan Legislature's efforts to solve the medical liability problem.

Since coming to OU, Faber has maintained a high grade point average. He is a member of University Congress and the Vandenberg House Council. He also serves as student representative to the Admissions and Financial Aid Committee and the Library Council.

"Faculty members have praised Mr. Faber's responsibility and concern for the quality of student life. They have found him to be an effective problem solver who has continuously evidenced an ability to get things done with maximum efficiency and minimal strife," Osthaus said. "I believe that Oakland University is fortunate to be represented by such a strong candidate."

The Harry S. Truman Scholarship Foundation awards two scholarships per state. Each college and university in a state is allowed to nominate up to two students.

Spencer Remembered

The university has established the Joe Spencer Reporter's Award in memory of the widely respected ABC News reporter. He was killed January 21 in a Minnesota helicopter crash while on assignment.

Spencer was a WXYZ-TV reporter from 1979-82 and taught journalism at OU from 1981-82. He left Detroit to join ABC and worked out of Chicago.

Tax-deductible contributions may be sent to the Joe Spencer Scholarship in 508 Wilson Hall.

Benefit at Varner

The university community is invited to a benefit concert at 8:30 p.m. January 31 for the Crisis Pregnancy Center of Rochester.

The concert in Varner Recital Hall will have chamber music of Beethoven, Gershwin, Mozart and Bach, and vocal selections by soprano Earnestine Nimmons.

Tickets are \$15 general admission and \$3.50 for students with identification. Tickets are on sale through the CIPO office or at the door. Area musicians are donating their talents for the benefit.

The co-chairpersons of the event are Dave Strubler, manager of employment and staff development; and Glenn Basham, former first violinist with the Detroit Symphony Orchestra.

Check in at 'Wayside'

In a motel outside Boston, five couples find themselves at crucial points in their lives. They have all stopped at the Wayside Motor Inn to come to terms with themselves and those who are important to them.

The stories are familiar, common to all. We know these people: the father who pushes his son too hard; an older couple who visit their children, although the husband would rather be at home because of his health; a college couple battling between sex and commitment; a lonely salesman and a waitress who bring each other to new levels of awareness; and a separated couple grappling with fragments of their marriage and love.

The stories come together in *Wayside Motor Inn* at the Center for the Arts. This production of the work of contemporary playwright A.R. Gurney, Jr., will be the Detroit-area premiere.

Director Yolanda Fleischer has combined a cast of professionals and students for the play, which opens at 8 p.m. February 7 in the Studio Theatre. Fleischer, of the Department of Music, Theatre and Dance, regularly directs professionally in Detroit and last year directed *The Matchmaker* at OU.

Among the 10-member ensemble are guest artists Shirley Benyas, David Fox and

Tom Emmott. Most recently Benyas was cited by the Detroit daily newspapers for her outstanding supporting performance in *What I Did Last Summer* at the University of Detroit and *Wedding Band* at the Attic Theatre. She also appears in her first full-length film, *Singing Birds*, in which she portrays a Lithuanian bootlegger.

Fox received the James Kisicki Award from Lawrence DeVine, drama critic of the *Detroit Free Press*, for outstanding work in Detroit area theatres. Fox has performed at Meadow Brook Theatre, the Attic Theatre, Actor's Alliance Theatre, and the St. Regis Hotel Dickens Feast. He also does voice and industrial commercial work.

Emmott is an actor, singer, director and drama instructor. He has appeared in New York City, Cape Cod, Mass., and England. Among his credits are *A Thousand Clowns*, *The Lion in Winter*, *The Fantasticks* and *Joe Hill (The Man Who Never Died)*. He also does commercials and industrial films.

The cast also includes James Ozinga, a political science professor and theatre aficionado. Students in the cast are Stephen "Tony" Lucchi, Mary Rychlewski, Kelley Dillon, Chris Olszty, Jana Nicol and Ivan Gesse. Nicol and Gesse will make their debut in major roles at the Studio Theatre.



Accuracy in Academia calling? No, but it's bad news regardless for Professor James R. Ozinga in "Wayside Motor Inn." Ozinga says no one listens to his complaints of ill health. That's Shirley Benyas on the phone as Ozinga's wife.

Performances are slated for 8 p.m. February 7, 8, 14, 15, 21 and 22; at 2 p.m. February 9, 16 and 23; and at 1 p.m. February 12. Tickets are \$5 general admis-

sion and \$3 for students and senior citizens. For information, call the Center for the Arts box office at 370-3013 from 11 a.m.-5 p.m. weekdays.

Research Committee Announces Fall Awards

The University Research Committee has announced the winners of its fall semester awards.

Winners of the small grant awards, for projects to be funded to a maximum of \$1,000, and their projects are:

- Frank Cioch, engineering, *Documentation and Software Understandability*.
 - Thomas Fitzsimmons, English, *Support and Expansion for the Translation of Japanese Poetry to English*.
 - Kenneth M. Harmon, chemistry, *Vapor Pressure — Phase Studies of Tetraalkalmonium Halide Hydration*.
 - Egbert W. Henry, biological sciences, *The Study of Enzyme Activity in Abscission*.
 - Daniel Ring, library, *Investigation of Why Communities Refused Money from Carnegie to Build Public Libraries*.
 - Charlotte Stokes, art and art history, *A Study of the Psychoanalytic Implications of the Work of Max Ernst*.
 - Satish Walia, biological sciences, *Screening and Purification of Beta-Lactamase from Aztreonam Resistant Bacteria*.
- An award of \$6,000 was presented to Ted Landau, psychology, and Joanne Williams, health sciences, for a Meadow Brook Research Conference. The conference,

Steroid Receptors in Health and Disease, will be held in Meadow Brook Hall before June 30, 1987.

The following 14 faculty members received fellowships for the projects listed. Each fellowship carries a \$4,200 stipend plus an allowance of up to \$1,000 for research expenses. Research fellows will devote full time to their projects for a period of no less than 15 weeks, usually during the spring and summer semesters.

- John Beardman, art and art history, *New York Painting Project*.
- William Bryant, modern languages and literatures, *Completion of a Critical, Annotated Edition and Study of an Unpublished Spanish Novel Written in 1615*.
- Charles Cheng, mathematics, *Applications of Data Flow Analysis in Testing Computer Programs*.
- David Diltz, economics and management, *A Time Series Analysis of Corporate Capital Structure*.
- John Halpin, philosophy, *What is the Logical Form of Probability Ascription in Quantum Mechanics*.
- Fay M. Hansen-Smith, biological sciences, *Regulation of the Sugar Composition of Muscle Basal Laminae: in vitro Studies*.

- Kathleen Healy Moore, chemistry, *Enzymatic Regulation of Hepatic Valprol-CoA Pools*.
- Robert D. Hunter, biological sciences, *Shell Mass in Fresh-water Snails: Controlling Factors and Implications for the Bio-assay of Lake Acidification*.
- Nancy Kursman, political science, *The Effect of Structure on Public Policy: Congressional Reforms and the Origins of the Subcommittee System*.
- Susan Miller, English, *Gertrude Stein's 'Tender Buttons': Syntax/Genre/Politics*.

- Kevin J. Murphy, economics and management, *An Analysis of Contract Duration in Collective Bargaining Agreements*.
- Richard Rozek, industrial health and safety, *Proteolytic Activity in Rat Lungs*.
- Keith Stanovich, psychology, *Developmental Changes in the Cognitive Correlates of Reading Ability*.
- Stephen Wright, mathematics, *The von Neumann Algebras of Cohomological Dimension Zero*.

Nursing Program Rates Well

For the second consecutive year, a student from the School of Nursing achieved the highest attainable individual score of 3,200 on the two-day state board examination in July.

Dean Andrea R. Lindell said 65 of the

Jazz Concert Set

A free Big Band concert with the Afram Jazz Ensemble will be presented at 8 p.m. February 6 in Varner Recital Hall.

The program will consist of orchestrated jazz compositions and arrangements from various periods and styles. The 15-member ensemble was established by Director Marvin "Doc" Holladay in 1972 as part of a study in ethnomusicology. The title implies the origins and essence of the development of music in the Afro-American community.

The concert is sponsored by the Department of Music, Theatre and Dance in cooperation with the Center for the Arts. For information, call the Center for the Arts box office at 370-3013 from 11 a.m.-5 p.m. weekdays.

Observe OT Dates

Barbara Gaves of the Payroll Department says that due to a computer system restraint, an employee cannot be processed for payment of wages on two payrolls at the same time. For this reason, Clerical-Technical employees' overtime cannot be submitted for payment on the hourly payroll during the weeks beginning April 21, May 19, June 16, September 22, October 20, November 17, December 15 and December 29.

65,474 candidates who took the National Council Licensure Examination for the first time were from OU. Candidates came from the United States, Guam, American Samoa and the Virgin Islands. The OU program ranked 348th among the 1,413 RN programs that participated in the exam, she said. The 1,413 programs include diploma, associate's degree and baccalaureate degree programs. The OU program ranked 49th among the 397 baccalaureate RN programs. The 397 included institutions from the United States, Guam, American Samoa and the Virgin Islands.

The School of Nursing has ranked in the top six of the 15 baccalaureate programs in Michigan since 1981, Lindell said.

Hormone

(Continued from page 1)

adult cardiac muscle cells can be made to assume an embryonic condition. There they have the ability to reproduce, have embryonic myosin, and contain myofibril, a protein that allows the muscle to contract. This ability is necessary for the heart to beat and pump blood.

These cells that have reverted to the embryonic state could be injected into the heart injury site. Once the cells have multiplied across the injury, the thyroid hormone could be used to transfer the cells into the adult state with the faster beating action needed by the adult heart.

The scientist's work is supported by the American Heart Association of Michigan and the General Motors Biomedical Research Center.

We Would Like Your Opinion

The staff of the *Oakland University News* would like your opinion to help us shape the newspaper. Please take a moment to place a check mark in one of the seven spaces between each pair of words. The stronger you feel about the relationship between the newspaper and the word, the closer you should place your check mark to the word.

modern	_____	old-fashioned
active	_____	passive
pleasant	_____	unpleasant
valuable	_____	worthless
important	_____	unimportant
interesting	_____	boring
fair	_____	unfair
accurate	_____	inaccurate
unbiased	_____	biased
exciting	_____	dull
bold	_____	timid
responsible	_____	irresponsible
attractive	_____	unattractive
truthful	_____	untruthful
fresh	_____	stale
creative	_____	predictable
graphic	_____	plain
tense	_____	relaxed
hard	_____	soft

If you would, please tell us a little about yourself. You are:

- | | |
|---|--|
| <input type="checkbox"/>Faculty member | <input type="checkbox"/>FOP/POAM member |
| <input type="checkbox"/>Administrative-Professional member | <input type="checkbox"/>Dean/executive group member |
| <input type="checkbox"/>Clerical-Technical member | <input type="checkbox"/>Other |
| <input type="checkbox"/>AFSCME member | |

If you wish to make other comments or suggest improvements, please do so below:

Please return this form to the News Service, 109 NFH, by February 21. Thank you for your assistance.