



OAKLAND UNIVERSITY

News

104 North Foundation Hall
Rochester, MI 48309-4401

A publication for faculty and staff

February 7, 1992

Meet the Candidates at University Receptions

Forums and informal receptions for the university community to meet the four presidential candidates will be held in February.

Each of the candidates will be the guest of the university at the events in the Oakland Center. "Faculty forums" open to all will meet from 4-5:30 p.m. and receptions will run from 3:30-5 p.m. The schedule follows.

• Luis Proenza: forum, West Crockery, February 10; reception, February 11, Fireside Lounge.

• Sandra Packard: forum, East Crockery, February 13; reception, Fireside Lounge, February 14.

• Claire Van Ummersen: forum, West Crockery, February 17; reception, Fireside Lounge, February 18.

• Richard S. Meyers: forum, Gold Rooms B-C, February 19; reception, Fireside Lounge, February 20.

Howard F. Sims, chairperson of the Board of Trustees, says the board would like to re-

ceive written comments concerning the candidates from any member of the university community. Comments may be sent to the board office, 101K NFH. Evaluation forms will be available at the events.

Anyone interested in reviewing resume materials on the candidates may do so at the offices of the dean of students, the dean of the College of Arts and Sciences and the dean of the School of Engineering and Computer Science, or at Kresge Library.▼

Final Four: Search Narrows Field for Presidential Candidates

Four candidates for the presidency of Oakland University have been recommended to the Board of Trustees.

Larry Chunovich, trustee and chair of the Advisory Presidential Search Committee, said the finalists were named after three days of interviews with seven semifinalists. The four were selected from a pool of 115 applicants.

"The semifinalists were of extremely high caliber, and we feel our final four candidates will meet the expectations of the Board of Trustees and university community," Chunovich said.

Selection of a president will be made in March by the full Board of Trustees. Finalists will come to campus this month (see separate story on this page) for on-site visits with faculty, administrative staff, students and community members.

The finalists, below, are listed alphabetically.

Richard S. Meyers

Meyers has been president, professor of educational psychology and foundations, and professor of music at Western Oregon State College, Oregon State System of Higher Education, since 1983.

Meyers heads an institution of more than 4,000 students.

The college is distinguished for its efforts to internationalize the curriculum and for its innovative Public Service Park established as an outreach effort. Meyers is credited with saving the college from closure and initiating several entrepreneurial projects which led to the expansion of campus facilities. Under his leadership, the college has added 10 degree programs.

Meyers holds a bachelor's degree in music education from De Paul University, and a master's in music education and a doctorate in instructional technology from the University of Southern California.

Previously, Meyers held positions with Pasadena City College, Cerro Coso Community College and Grossmont College, all in California.

Sandra Packard

Packard is provost and vice chancellor for academic affairs, and professor of curriculum and instruction at the University of Tennessee at Chattanooga. She has held the position since 1985.

Packard is responsible for an annual bud-



Meyers



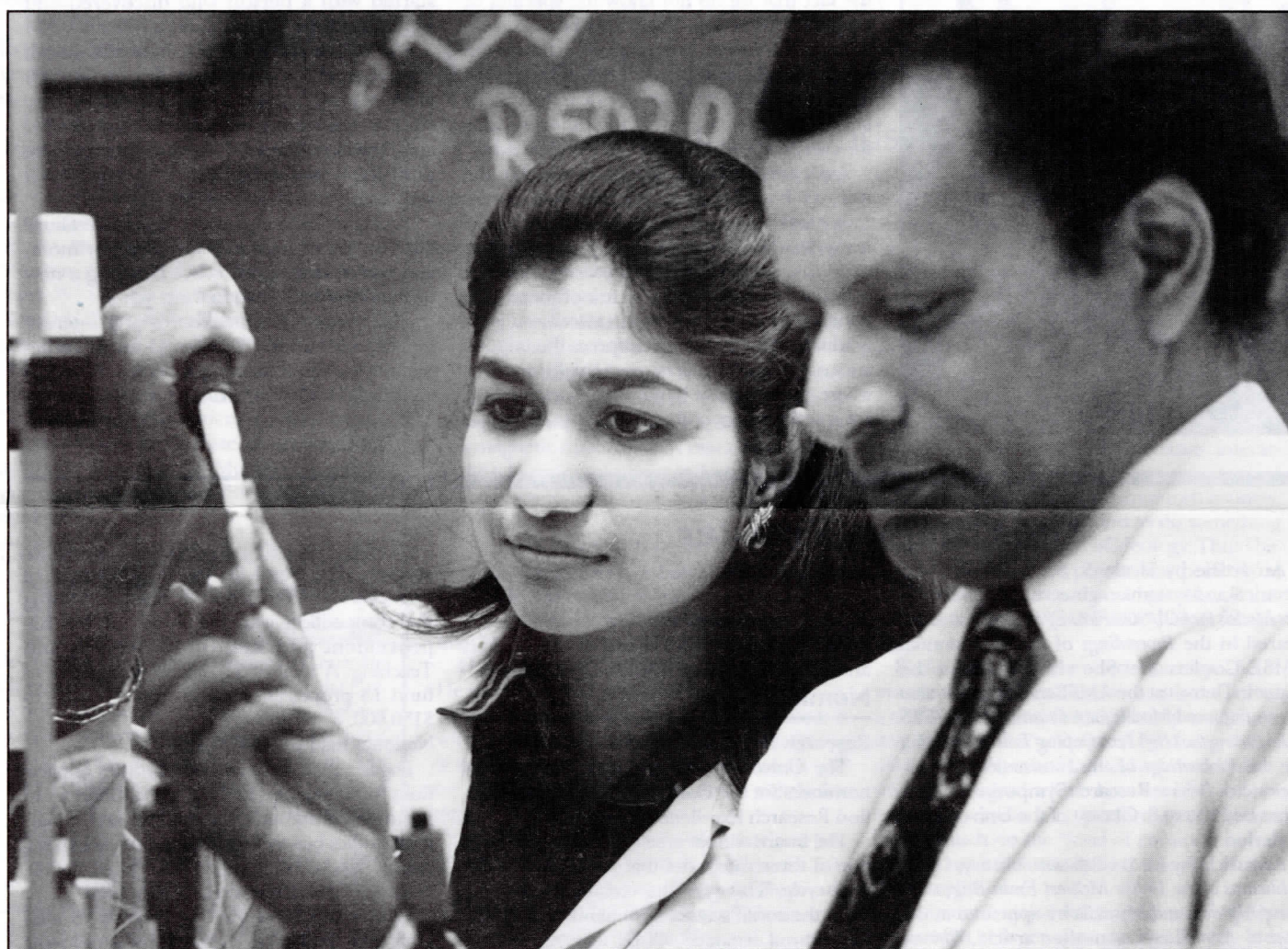
Packard



Proenza



Van Ummersen



Unlocking Mysteries

Student Amrita Bhakta works with Professor Virinder K. Moudgil in a study of how the hormone progesterone works. Other students assisting Moudgil and actively involved in the research are Michelle Herman, Bill Underwood, Gerald LaRouche, Sandhya Kodali and Cliff Hurd.

Stalking a Hormone's Influence, Molecule by Molecule

Virinder K. Moudgil is against some tough odds.

If he's pursuing the right trail, he could make a breakthrough in understanding how the female steroid hormone progesterone contributes to breast cancer. It's not a stretch to say that timing is critical. In the 16 years he's been studying progesterone action, Moudgil's seen the incidence of breast cancer rise from one in 15 women to one in nine.

The work of the professor of biological sciences is promising, but it's also painstaking. Moudgil searches for answers at the molecular level of cells, meaning he wants to know what element causes a hormone to do what it does, when it does. Specifically, he wants to know why progesterone helps the body in some instances while working against it in others.

"Before I can say the action is abnormal, I want to see what is normal," he says. The National Institutes of Health believes in his work, and has renewed his funding with a five-year grant of \$875,045.

To understand what Moudgil is looking for when swishing scientific concoctions around in test tubes, you need to picture progesterone at work. The hormone is required for normal function of day-to-day life in women. It binds to

proteins called progesterone receptors, forming progesterone receptor complexes, which mediate the work of the hormone. The complex is something like a traffic cop in the body, telling the hormone which direction to take. What Moudgil wonders is why in some cases the hormone is sent in a direction no one wants, such as in stimulating breast cancer.

"There is a growing amount of evidence that many breast cancers, at least one-third, involve steroid hormones in their growth. The two major steroid hormones which are involved in these are estrogen and progesterone," Moudgil says.

If Moudgil unlocks the secret of how progesterone goes into action, at the molecular level, then controlling it will be a much simpler task. "Then we can devise mechanisms by which we can make progesterone work less, or simply interrupt its function," he explains. "If we do that, we are basically eliminating that segment of women who suffer from breast cancer or whose breast cancers are developing because of continued supply of progesterone."

Another critical question is at what point during tissue development does the progesterone have a negative effect. "Do we have a mech-

anism or the expertise to interrupt the trigger without interrupting the normal process of this hormone function?" Moudgil wonders.

"We're interested in all facets of progesterone action, and how we can enhance it, stop it or manipulate it so that in the human situation, we can control it."

Moudgil says his lab has contributed to the understanding of what happens once progesterone enters a cell—uterine, cervical or breast.

"The two processes that lead to a response that we have identified are called transformation and phosphorylation. These contribute to the ability of progesterone to cause a physiological action. Our lab is internationally known for having contributed to the understanding of these two processes," he says.

Moudgil says an enzyme or even another hormone could regulate the two actions within the tissue.

"If the answer is yes, then we can identify, isolate and purify that factor and we'll have a more complete picture," he says. "Once we have all the players in the action, then we can devise ways to enhance or stop them from working."

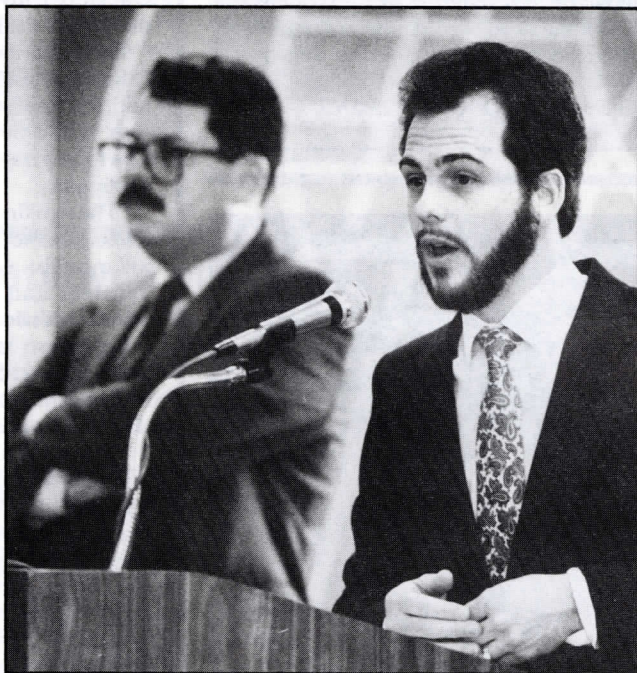
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Speaking Out

Kevin Early, sociology and anthropology, (above) makes a point from the audience during a debate on assisted suicide. Attorney Michael Schwartz (left) and Edward Rivet outlined their positions. Schwartz is a partner in the firm which represents Dr. Jack Kevorkian and Rivet represented Right to Life of Michigan. Schwartz argued for state guidelines, but Rivet countered it is impossible to clearly define rules for assisted suicide.



Faculty and Staff Notes

Items about professional activities or honors may be sent to the News Service, 104 NFH. They appear as space permits.

Presentations

HOWARD SPLETE, counseling, presented papers, *Preparing Counselors to Implement Career Development Programs* and *Action Research on Career Interventions*. They were presented at the National Career Development Association Conference.

KEVIN EARLY, sociology and anthropology, collaborated on a paper, *Perceptions of Suicide in the African-American Community*, which will be presented at the American Sociological Association meetings in Pittsburgh.

KEVIN T. ANDREWS, mathematical sciences, presented *A Parabolic Initial Boundary Value Problem Modeling Axially Symmetric Thermoelastic Contact* at the joint meeting of the American Mathematical Society and the Mathematical Association of America. The meeting was held in Baltimore. Coauthor was MEIR SHILLOR, also of mathematical sciences.

JOHN KIM, management and marketing, presented *Attitudes as Hypotheses: An Accessibility-Diagnosticity Perspective* and *Consumer Expertise and the Perceived Diagnosticity of Inferences* at the Association for Consumer Research Conference in Chicago.

RAVI PARAMESWARAN and MOHAN PISHARODI, management and marketing, presented *Confirmatory Factor Analysis of Country-of-Origin Scale* at the Consumer Research Conference in Chicago.

Publications

DAVID MCCULLOUGH, Kresge Library, designed and produced his fifth book for the Labor Education and Research Project, *Unions and Free Trade: Solidarity or Competition*. Authors are KIM MOODY and MARY MCGINN. It will be published in February.

JAMES DOW, sociology and anthropology, is author of one chapter and coauthor of another in the book, *Computer Applications for Anthropologists*, published by Wadsworth Publishing Co. His chapter is *New Directions in Computer Applications for Anthropologists*. The coauthored chapter is *The Use and Study of Computer Systems in the Development of Anthropological Methodologies*. Coauthors were MARGARET BOONE and JOHN WOOD, the editors of the book.

An article by HODA S. ABDEL-ATY-ZOHDI, electrical and systems engineering, *Improved Device Models for SOI/SOS Field Effect Transistors* appeared in the *Proceedings* of the 17th annual AMSE Conference. She also presented the paper in Detroit at the AMSE meeting. She also wrote *Improved Models for n-Channel MOSFETs by Including the High-Low Doping Transition Effect* for the *Proceedings* of the International Semiconductor Device Research Symposium. Coauthor was PRASAD S. GUDEM of the University of Waterloo.

An article by LINDA BENSON, history, *Uyghur Politicians of the 1940s: Mehmet Emin Bugra, Isa Yusuf Alptekin and Mesut Sabri*, appeared in the *Central Asia Survey*. Another article, *Chinese Communist Party Contacts with the East Turkestani Republic*, appeared in *Central and Inner Asian Studies*.

ROBERTA SCHWARTZ, rhetoric, communications and journalism, has written articles on Romeo and Port Austin for the AAA *Michigan Living* magazine. An article about the Boston area has been accepted for publication in *Touring America*, a Los Angeles-based magazine.

Conferences

BRIAN CONNERY, English, organized and co-chaired a special session on *Theorizing Satire* at the Modern Language Association meeting in San Francisco.

ROBERTA SCHWARTZ, rhetoric, communications and journalism, served as moderator of a panel discussion on Ernest Hemingway's Michigan fiction. The *Up in Michigan II* conference was held in Petoskey and sponsored by the Hemingway Society.

Honors

HARRIET MARGOLIS, English, has been elected to a three-year term on the Delegate Assembly of the Modern Language Association.

ROBERT J. GOLDSTEIN, political science, has been selected for inclusion in two biographical reference works. He'll appear in the 1992-93 edition of *Who's Who in American Education* and in the 1992 edition of *Men of Achievement*. The latter book is published in London and includes information on 8,500 of "the world's most influential male achievers from all countries. Biographical information on Goldstein was also included in *Contemporary Authors*.

In the News

KEVIN EARLY, sociology and anthropology,

At No Charge, No Less

'Hey,' It's an Evening with the Arts

What could be better than an evening with the arts?

If you say a free evening, you're in luck. The Department of Music, Theatre and Dance presents *Hey!* at 8 p.m. February 13 in Varner Recital Hall. The annual program features performers from the department's faculty.

The title of the program comes from one of Laurie Eisenhower's dances, which will be presented. Also on the program are basso John Paul White, sopranos Rebecca Reese, Jan Al-

bright and Edith Diggory, pianists Lettie Alston and Robert Facko, actress Karen Sheridan, cellist Matthew Schiebold, lutinist Lyle Nordstrom, dancer Gregory Patterson and violinist Elizabeth Rowin. The program includes Liszt's *Hungarian Rhapsody No. 2* for piano, performed by the eight hands of Flavio Varani, Joyce Adelson, Stanley Hollingsworth and Karl Boelter.

The department asks that you call 370-2030 to reserve a seat before February 10.▼

Hormone

(Continued from page 1)

Moudgil says the ability to control progesterone extends far beyond breast cancer. "The implications of this would be multifold, for regulation of the menstrual cycle to understanding endometriosis or controlling abnormalities of the reproductive system, including side effects of birth control pills. Progesterone is one of two key components of birth control pills; estrogen is the other.

"Many women suffer from side effects and should not take these pills. A lot of it relates to the fact that we do not know the specifics of progesterone action. There may be some subtleties involved with progesterone action in different women, based on the different physiology of people. Some of these side effects occur because we do not know at this time, precisely for everybody, what should be the ideal dose."

Aside from being personally rewarding, the research has played an important role in educating Oakland students. "Nearly every student in my lab who did any research was encouraged to go to a conference, either national or international," Moudgil adds. "A few of them have gone to Europe to present their work as undergraduate students. This reinforces the importance of Oakland University as a small university where students have hands-on experience and are a serious part of the study," says Moudgil,

who has edited four books on steroid hormones.

"I've always felt that to attract good students you have to give them some incentives. One of the biggest incentives I give them is direct participation in our studies. They are not people who are 'help' in the lab; they are the real people doing the job."

Moudgil got his start from 1973-76 while studying steroid hormone action under David Toft at the Mayo Clinic. Toft discovered receptor proteins. "It was a great fortune to have started with a person who discovered and started the field," Moudgil says.

Moudgil is philosophical about the time it takes to run his tests. "All projects are basically lifetime projects, because tomorrow we may discover something that puts us into another spin," he says. One of those tangents could be purifying a protein, a process measured not with a stopwatch but a calendar.

"Imagine," Moudgil says. "there are about 20,000 detectable proteins in a cell, or more, and you're looking for one." Purifying a new protein could take two to three years.

That's part of what makes research interesting, Moudgil adds. "There is so much excitement. There is something to look forward to everyday. That's what makes it worthwhile."▼

— By Jay Jackson

The Campus Register

has been interviewed a number of times about his research on suicide and blacks. Among his appearances have been National Public Radio, WUFT-FM in Gainesville, Fla., and WQBH-AM and WGPR-TV in Detroit.

Nominations

Research Excellence Award

The University Research Committee seeks nominees for the Oakland University Foundation Research Excellence Award.

The award-winner is selected annually from one of three categories that rotate on a three-year cycle. This year the recipient will come from the social sciences/humanities. In 1993, the natural sciences will be featured and in 1994, the professional schools. The winner will receive a \$2,500 stipend at the fall commencement ceremony.

Eligible this year are scholars from art and art history; history; English; library and information science; linguistics; modern languages and literatures; music, theatre and dance; philosophy; political science; psychology; rhetoric, communications and journalism; and sociology and anthropology.

Candidates may nominate themselves or be nominated by others. Letters of nomination should include descriptions of the quality of the candidate's work, level of peer acceptance, national or international reputation, and information that clarifies the value of the candidate's contributions to the field.

Nominations must include the candidate's curriculum vita, including a list of the person's research accomplishments, and one representative sample of the researcher's work.

The deadline is March 11. Nominations should be sent to Brian Goslin, chair of the University Research Committee, Office of Research and Academic Development, 370 SFH.

Funding Opportunities

The Office of Research and Academic Development, 370 SFH, offers applications and information about sources of external funding. For details, call 370-3222.

Department of Education

Applications are sought under a special competition to improve the sequence of instruction from kindergarten through college in core academic subjects, such as English, history, foreign languages, geography, math and natural

sciences. The Fund for the Improvement of Postsecondary Education is coadministering the competition with the Fund for the Improvement and Reform of Schools and Teaching. A total of \$1 million is available to fund 13 proposals, ranging from \$50,000 to \$150,000.

National Institutes of Health

Fogarty International Center invites applications for fellowships in the United Kingdom to promote collaborative biomedical and behavioral studies between British and American scientists. Stipends range from \$25,000 to \$42,000.

National Center for Nursing Research

Center will fund training projects to integrate new biological theories, measurements and techniques with nursing research and practice. May 10 and September 10 deadlines for individual predoctoral, postdoctoral and senior fellowships; June 1 and October 1 deadlines for career development and clinical investigator awards.

IBM Corp.

Grants are available to colleges and universities to integrate total quality management concepts into graduate, undergraduate and executive business and engineering courses; to develop total quality management research programs; and to use total quality management concepts in their own administration. Grantees may work with IBM on internships, in classes on IBM's management approach, in research, and in networking with other companies and institutions. Eight awards of \$1 million in cash and \$3 million in IBM equipment will be made. May 1 deadline.

Reaching Us ...

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, 104 North Foundation Hall, Oakland University, Rochester, MI 48309-4401. Copy deadline is noon Friday of the week preceding the publication date.

- JAMES LLEWELLYN, News Service senior editor and news director, 370-3180
- JAY JACKSON, *Oakland University News* editor, News Service staff writer, 370-4344, or E-mail at jacksonj@argo.acs.oakland.edu
- RICK SMITH, Publications Department photographer, 370-4341

Quote

"Those who corrupt the public mind are just as evil as those who steal from the public purse."

— Adlai Stevenson

Bits & Pieces

Seminar Explores Campus Rape

The Office of Equal Opportunity is presenting a seminar on campus rape with a sexual assault consultant and lecturer from Central Michigan University.

Stephen M. Thompson will speak from 3-5 p.m. February 12 in 128-130 Oakland Center. He will cover rape trauma syndrome, how to talk to rape victims and make appropriate referrals, and how to create a safe campus environment.

The program is open to everyone, but seating is limited. To sign up, call Ed Perez at 370-3492 or register in 144A NFH.

SBA Features Area Executives

Business leaders from the Detroit area are visiting the School of Business Administration to give students an inside look at the working world.

The Executive-on-Campus Program will focus on *Dimensions of Quality*. The business leaders will visit different classes to offer their views and answer students' questions.

Participants are William C. Brooks, group director-personnel, GM Truck & Bus; Leroy C. Richie, vice president and general counsel, Chrysler Corp.; E. Jan Hartmann, president, Ziebart International; William H. Sandy, chairman, Sandy Corp.; Eddie R. Munson, partner, KPMG Peat Marwick; Michael W. Grieves, president, Data Systems Network Corp.; Eric Mittelstadt, president and chief executive officer, GMF Robotics; William J. Young, president and chief executive officer, Volkswagen of America; Gino C. Giocondi, vice president-special projects, Chrysler Corp.; Leslie Rose, chairman, Fidelity Bank; and Thomas Murasky, executive vice president and chief financial officer, K mart.

Goldstein Organizes U-M Exhibit

Political scientist Robert J. Goldstein is reaching new heights.

He's organized an exhibit on the seventh floor of the University of Michigan Graduate Library for the Rare Books and Special Collections Department. The exhibit, *Fighting French Caricature Censorship: The Forgotten Story of André Gill (1840-85)*, runs from February 10-March 27. Goldstein will deliver a lecture to accompany the exhibit at 5:30 p.m. February 13.

The exhibit is based on Goldstein's 1989 book, *Censorship of Political Caricature in Nineteenth-Century France*. Gill was a caricaturist whose works were repeatedly censored, yet by various evasions of the censorship, he was able to help bring the downfall of two French regimes.

Exhibit hours are 10 a.m.-noon and 1-5 p.m. Monday-Friday and 10 a.m.-noon Saturday. Both the exhibit and the lecture are free. Goldstein wrote a brochure explaining the exhibit, which is also available free.

AOP Hiring Student Aides

Students interested in becoming peer counselors or tutors in the Academic Opportunity Program may apply at the Department of Special Programs.

Ten counselor and 10 tutor positions are available for the summer, fall and winter semesters. Candidates must be available for training from June 16-20. For information, call 370-3262.

Go Directly to Jail

The American Cancer Society is looking for university faculty and staff members who want to spend some time in jail.

The seventh annual Great American Lock Up will be held at the Hilton Suites Hotel from March 3-6. Local celebrities will be arrested and charged with such crimes as impersonating a professional golfer. The cancer society will benefit from bail money raised to spring the scofflaws. You can help out by volunteering your time at the hotel. If interested, call 557-5353.



Andrie Slavin has brought his ideas on physics to Oakland. The former resident of Russia's work involves discovering how magnetic fields react under different conditions.

From Russia with ... Physics

Expert in Magnetism Finds Oakland's Pull Reaches from Afar

Andrie Slavin is one assistant professor who can say he has come a long way.

Slavin joined the Department of Physics faculty after coming from Russia last October. Slavin's main field of study is theoretical condensed metaphysics or solid state magnetism. His research focuses on the behavior and properties of nonlinear spin waves.

What all that means is Slavin, using mathematical formulas, predicts how high-frequency radio waves will react when encountering various magnetic materials. His research is critical to the telecommunications industry which uses microwaves to send voice and electronic data signals.

The main reason why he left the former Soviet Union is the obvious. The graduate of the Technical University of Leningrad left due to economic turmoil within his homeland, as have many other prominent scientists.

How he got to Oakland is more mundane: He simply applied. Oakland appealed to Slavin because of an experimental scientist in this area who conducts research in Slavin's field. Slavin is excited about the research and thinks it will be "quite good and a very fruitful collaboration."

Slavin says that science in his homeland has changed a lot within the last 15-20 years. Science was once viewed as a "very socially prestigious and well paid job in Russia," Slavin says. Today, however, all this has changed.

At one time the best students, Slavin explains, "tried to get into the wanted positions in science, such as physics, mathematics, chemistry and various natural sciences. Currently sci-

entists are leaving Russia for the U.S., Western Europe, and Canada. One cannot do science and survive. If I were to return today I would have to go into business to survive, because I could not do so on a professor's salary."

A career change is a major undertaking in any country but in Russia you lose all previous credit.

Physics was not the first career choice for Slavin. Economical geography had held a strong appeal because of the travel and interaction with people. This soon changed.

"Being brought up in a communist country, I soon realized that I wanted to do something completely independent of ideology. Thus I believed that theoretical physics was perfectly as far from ideology as you could get. Maybe theoretical mathematics is further," he says, laughing.

Slavin made his career decision at age 15. He went to a special mathematics school. He had a choice of several fields of study and chose magnetism. After he received his doctorate he obtained a job at the Marine Technical University in Leningrad where he worked for three years. The research he performed seemed to be too much on the "level of common sense" and was not intellectually deep enough. He left that for physics.

Slavin notes major differences in approaches to research between America and Russia.

"In Russia, financing is done by the government and you are nearly always sure you will get a grant. It enables you to do research for many years in the same field, and with this ex-

perience, you begin to produce very relevant material."

This form of funding does not produce competitiveness, and "you can end up with a lot of rubbish," Slavin says.

Slavin observes that in the United States there is an abundant amount of competitiveness for grants and research money.

Slavin adds this can lead to new discoveries, but in his opinion, "There may be a good group of researchers who do not receive funding for three years in their field, but in another field. Thus they must give up and start their research anew. In three years you cannot do a really good job."

Depth is something Slavin strives for in not only his research but in his teaching. Becoming a professor has fulfilled his earlier goals of working with people and traveling. "Being a professor is like being an actor," Slavin says. "Every lecture is a performance."

Slavin continued, jokingly, "I am an extrovert by nature and like interacting with people. I don't know if they like my lectures or not, but that's a different question."

Although Slavin would like to continue teaching at Oakland, he knows he will probably return home someday.

"If you stay at the university you never really grow old, because you are always interacting with students, and they are the best part of the population. They are eager to know something; they are not spoiled and they have new ideas. That is the best thing of all."▼

— By Heidi Anglin

Anglin is a student intern working in the News Service this semester.

Physicist Climbs the Beanstalk to Success

Plants in the well-tended garden of the future could be tickled by electromagnetic fields to ensure resistance to drought and to yield bumper crops.

The project isn't far-fetched to the scientists who have done the research or to the U.S. Government which has granted patent 5,007,934 to protect their work.

Abraham R. Liboff, professor of physics, says the activities of plant and human cells can be influenced by electromagnetic fields.

These fields — one steady, one fluctuating at a predetermined rate — can be fine-tuned to speed up a cell's intake of calcium ions. Ions are atoms carrying positive or negative electrical charges.

Research by Liboff and colleagues at two other universities shows that fava beans exposed to carefully calculated electromagnetic fields sprout roots as much as 22 percent larger than those of unexposed beans.

Liboff has joined forces for this and other research with Bruce R. McLeod, an electrical engineering professor at Montana State University, and Stephen D. Smith, professor of anatomy at the University of Kentucky. They have formed Life Resonance, Inc., a small holding company in Bozeman, Mont.

The holding company has now received

five patents. Already undergoing clinical trials in New York, on the West Coast, in the Southwest and in Canada is an invention to help heal serious nonunion bone fractures. Liboff says their patented process is near FDA approval.

Liboff says all of the holding company patents and those pending relate to the magnetic control of ions across membranes and means of influencing the passage or inhibition of specific ions.

The scientist first advanced a mechanism to explain the physical process of ions and electromagnetic field interaction in 1984 at a NATO meeting. He proposed that specific combinations of AC and DC magnetic fields (like the Earth's geomagnetic field) can act to put different biological ions, such as calcium, potassium and magnesium, into resonant states and influence their transport in and out of the cell.

Liboff says their newest project was done with fava beans placed within copper coils. A second grouping of coils produced fields perpendicular to those of the first coils. The fields were tuned by Liboff's formula to the characteristics of the calcium ion.

Liboff and his partners do not get involved with the manufacture and marketing of prod-

ucts, but license their inventions to others. He says they have already been approached by individuals and agricultural firms concerning their latest invention.

His research into electromagnetic fields has also considered the possible long-term health risks to humans, but the current work is of a positive nature, Liboff claims.

Liboff explains that ability to control plant leaf or root mass can create plants that are resistant to drought and can grow in many areas where crops are now at risk, or create crops that have greatly increased yields. Uses for the invention range from growing fruit to innovative processes in biotechnology.

Liboff says he is more than an academic. He considers himself an inventor-scientist with a practical side. He admits to taking a cut from \$8,000 a year to \$2,200 a year in 1958 when he returned to New York University to complete his doctorate after spending a decade working in the "real world." Eight of those 10 years were spent at Sylvania Electric working on physics problems in magnetism, nuclear fusion and semiconductor compounds. The OU scientist has also done research for the Navy and the U.S. departments of defense and energy.▼

— By Jim Llewellyn

Final Four

(Continued from page 1)

get of \$27 million. She initiated and raised funds to establish a \$3.5 million center for arts education. She co-raised funds for and established nine \$1 million endowed faculty chairs of excellence and established the College of Health and Human Services and the School of Social and Community Services. Under her direction, black faculty employment has risen more than 100 percent.

Packard received a Bachelor of Fine Arts degree from Syracuse University and master's and doctoral degrees in art education from Indiana University.

Packard previously worked at Bowling Green State University and the University of Miami.

Luis M. Proenza

Proenza has been vice chancellor for research and dean of the graduate school at the University of Alaska Fairbanks since 1987.

He is science adviser to Governor Walter J. Hickel. Proenza is charged with overall leadership and coordination of \$60 million in university research activity. A neurobiologist, his research has been continuously supported by grants from the National Eye Institute, including a Research Career Development Award. His initiatives include a Center for Global Change and Arctic System Research and a \$25 million Arctic Region Supercomputer Center.

He has a bachelor's degree from Emory University, a master's from Ohio State University and a doctorate from the University of Minnesota.

Previously, Proenza held positions at the University of Georgia.

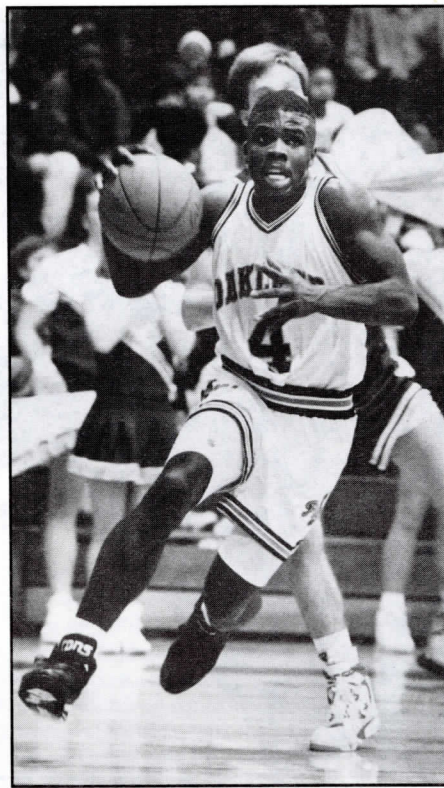
Claire A. Van Ummersen

Van Ummersen has been chancellor of the University System of New Hampshire since 1986.

She serves as chief executive and academic officer for a system of over 29,000 students with an operating budget of \$300 million. She has instituted a system-wide planning process, developed a 10-year capital plan for USNH, and developed an instructional television network to link all campuses within the system beginning this spring.

The chancellor's responsibilities include oversight for legislative and governmental relations between the Board of Trustees, the institutions of the USNH and state government. Van Ummersen holds bachelor's, master's and doctoral degrees from Tufts University. Her specialty is microwave radiation and radio frequency waves and their effects on chick embryo.

Before accepting her current position, Van Ummersen worked for the Massachusetts Board of Regents of Higher Education and the University of Massachusetts at Boston.▼



A near-capacity crowd watched Eric Taylor and the Pioneers beat Ferris State, 83-79, on January 23. It was the annual Faculty-Staff Night.

Employee of the Month

The faculty and staff of the School of Health Sciences are a lucky group of people.

They are fortunate to have Barbara Estel as an administrative secretary, and they weren't afraid to brag about it. Estel, who joined the SHS staff seven years ago, provides support to four of the five academic programs of the school and the Clinical Research Laboratory. Estel, an 11-year veteran of the university, is Employee of the Month for February. She was selected for this award based on the following testimonials:



Estel

- "The workload associated with the teaching and research functions of the academic programs is equally demanding with a considerable number of part-time faculty adding to the demands of the regular faculty. Barbara meets these demands only through a lot of sacrifice on her part."
- "It is not unusual to find Barbara in the office well before and after the normal 8-to-5 schedule. Nor is it unusual to find her at the office on weekends to meet important deadlines or to accomplish those tasks which one can rarely find time for during the normal workday. Morning and afternoon breaks are also

a rare phenomenon with Barbara, who operates by a work ethic that is no less than inspiring."

- "Equally important is the fact that Barbara carries out these responsibilities in a very positive, upbeat fashion; bringing a lot of humor and friendship to the office to make all of our lives a little more pleasant."
- "Barbara has the most engaging telephone and reception manner I have ever encountered. Students, visitors and all with business in the department are greeted in a pleasant, helpful fashion."
- "Barbara never says no — she goes way beyond what is required, making our job easier as she types last-minute requests, finds supplies, etc. Anything we can come up with, Barb can, and does handle."
- "Barb will always go the extra distance to resolve a problem. She has been exceedingly helpful to me on many occasions when I needed help and assistance in sorting out administrative headaches. Despite how busy she is, she is always ready and willing to pitch in. I have been especially impressed with this characteristic at the beginning of the term and around exam time."

Employee Recognition Award nomination forms are available in all departments, ERD and CIPO. For information, call Victoria Blackmon or Gail Ryckman at 370-3480.

The Employee of the Month column is provided by the Employee Relations Department.

Talks Look at Columbus

A campus lecture series will explore the legacy of Christopher Columbus.

The Columbus Quincentennial Lecture Series opens with *Race, Ethnicity and Class in the Americas* with lecturer Franklin W. Knight. He is professor of history at Johns Hopkins University.

The lecture will be from 1:20-3 p.m. February 14 in the Oakland Center Crockery. Knight, an Afro-Jamaican, is one of the foremost authorities on Afro-Latino history. His publications include *The Modern Caribbean*, which he co-edited with former Oakland faculty member Colin Palmer.

The lecturer has discussed Latin American and Caribbean issues on National Public Radio, the Voice of America, the British Broadcasting Corp. and on other broadcast programs, including the new PBS series on Columbus.

The lecture is sponsored by the Department of History, the Association of Black Students and the Wayne State University History and Faculty Research Committee.

The series continues at noon March 17 in the OC East Crockery with Professor James Axtell of the College of William & Mary. He is a specialist on Native American history, and will talk about *Moral Reflections on 1492*.

At noon March 25 in OC Gold Room C, Asuncion Lavarin of Howard University will speak and show slides on *A Visual Memory of Latin American Women's History*. The professor is a scholar of Latin American women's history.

Details about two additional lectures will be announced later.▼

Faculty Personnel/Grant Decisions

Recent personnel actions within the faculty and grants for research approved by the Board of Trustees on January 8 include the following items:

Honorary appointments

- Nancy Loeser Haddad, adjunct instructor in nursing.
- Kenneth Koral, adjunct associate professor of medical physics.

Leave of Absence

- Osa Jackson Klykken, associate professor of physical therapy, sabbatical from January 2 through December 18.
- Sharon Muir, professor of education and chairperson, Department of Curriculum, Instruction and Leadership, sabbatical from September 1 through April 28, 1993.

- Clementine Rice, assistant professor of nursing, part-time leave from August 15 through August 14, 1993.

Resignation

- Ian Bradbury, assistant professor of mathematical sciences, effective August 14, 1991. (A previous board listing contained a typographical error, indicating his resignation was effective in 1992.)

Re-employment

- Panajiotis Sakkalis, mathematical sciences, to a final two-year probationary term as assistant professor, effective August 15, 1992.

Research Grants

- To Mike Hung, engineering, \$100,000 from Ford as a continuation to an award for Light Truck Operations, under the direction of

Robert Kushler, assistant professor of mathematics. (This is a correction of a previous listing.)

- To Doug Hunter, biological sciences, \$11,158 from the Department of Natural Resources as a continuation of an award for *Impact of Zebra Mussels, Dreissena Polymorpha, on Growth of Macrozoobenthos and Yellow Perch in Enclosure*.
- To Satish Walia, biological sciences, \$124,925 from the Environmental Protection Agency as a continuation of an award for *Genotoxicity Evaluation of Polychlorinated Biphenyls and Their Metabolites*.▼

Events

FEBRUARY

7 — Men's swimming with Wayne State University, 4 p.m., Lepley Sports Center. Call 370-3190.

7-8 — Women's swimming with Northern Michigan University, 2 p.m. Friday and 7 p.m. Saturday, Lepley Sports Center. Call 370-3190.

10 — Informal discussion and meeting, noon, Oakland Center Faculty Lounge. Sponsored by Jewish Students Organization/Hillel. Call 370-4257.

11 — Personal appointments with TIAA/CRF retirement counselor. Call Staff Benefits Office, 370-3483.

11 — OU Bible Staff meeting, noon-1 p.m., Oakland Center Lower Annex. Free. Call Victoria Blackmon, 370-3480.

11 — OURS Program, *OU Students of the Past, Present and Future*, 3-5 p.m., Oakland Center Gold Rooms B-C. Free. Sponsored by AP Assembly and AP Association. Call Paul Franklin to register, 370-2020.

11 — Lecture, *Classics of Western Tradition*, on *Sir Gawain and the Green Knight*, 7-9 p.m., Meadow Brook Hall library. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

12 — Seminar, *Campus Rape*, 3-5 p.m., 128-130 Oakland Center. Free, but limited capacity. Sponsored by Office of Equal Opportunity. Call 370-3492.

12 — Lecture, *Perspectives on Art*, on Renaissance and baroque Rome, 7-9 p.m., Meadow Brook Hall Carriage House. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

13 — Discussion, *Roots of Racism: The Entertainment Field*, noon, Oakland Center Fireside Lounge. Sponsored by Jewish Students Organization/Hillel, Catholic Chaplaincy, United Ministries in Higher Education, CIPO, Raices and Association of Black Students. Call 370-2189.

13 — University Senate, 3:10 p.m., Oakland Center Oakland Room. Call 370-2190.

13 — Concert, *Evening with the Arts*, 8 p.m., Varner Recital Hall. Free for faculty and staff. Call 370-2030 to reserve a seat.

13 through March 8 — Play, *Cobb*, times vary, Meadow Brook Theatre. Admission. Call 370-3033.

14 — Columbus Quincentennial Lecture Series, *Race, Ethnicity and Class in the Americas*, with Franklin W. Knight of Johns Hopkins University, 1:20-3 p.m., Oakland Center Crockery. Sponsored by Department of History, Association of Black Students and Wayne State University History and Faculty Research Committee.

15 — Women's and men's basketball with Lake Superior State, 1 and 3 p.m., Lepley Sports Center. Admission. Call 370-3190.

15 — Hall of Honor banquet, 5:30 p.m. reception and 7 p.m. banquet, Meadow Brook Hall. Admission. Sponsored by Department of Athletics. Call 370-3190.

17 — Informal discussion and meeting, noon, Oakland Center Faculty Lounge. Sponsored by Jewish Students Organization/Hillel. Call 370-4257.

17 — Low-impact aerobics classes begin, 5:15-6:15 p.m., Lepley Sports Center multipurpose room. Admission. Call 370-3190.

17 — Lecture, *Sidelights*, on Ty Cobb, 6:30-9 p.m., Meadow Brook Theatre. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

17 — Pepsico slam-dunk contest at women's and men's basketball with Hillsdale College, 5:30 and 7:30 p.m., Lepley Sports Center. Admission. Call 370-3190.

18 — Lecture, *Classics of Western Tradition*, on *Citizen Kane*, 7-9 p.m., Meadow Brook Hall library. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

18 — OU Bible Staff meeting, noon-1 p.m., Oakland Center Meadow Brook Room. Free. Call Victoria Blackmon, 370-3480.

19 — CIPO Faculty Chef Series with John Marney, noon, Oakland Center Lounge II. Free. Call 370-2020.

19 — Lecture, *If We'd Only Start Listening, Maybe History Could Stop Repeating Itself: A Sociologist Looks at the '30s and '90s in Our Country*, with Leon Warshaw of Wayne State University, noon, Oakland Center Fireside Lounge. Free. Sponsored by Jewish Students Organization/Hillel. Call 370-4257.

22 — Women's and men's basketball with Wayne State, 5:30 and 7:30 p.m., Lepley Sports Center. Admission. Call 370-3190.

25 — OU Bible Staff meeting, noon-1 p.m., Oakland Center Faculty Lounge. Free. Call Victoria Blackmon, 370-3480.

29 — Saturday Fun for Kids Series with storyteller Jackie Torrence, 11 a.m., Meadow Brook Theatre. Admission. Sponsored by MBT and Holiday Inn of Auburn Hills. Call 370-3300.

29 — Pioneer Invitational men's and women's swimming meet, all day, Lepley Sports Center. Call 370-3190.

MARCH

3 — OU Bible Staff meeting, noon-1 p.m., Oakland Center Meadow Brook Room. Free. Call Victoria Blackmon, 370-3480.

3 — CIPO Faculty Chef Series with Helen Kovach-Tarakanov, noon, Oakland Center Lounge II. Free. Call 370-2020.

3 — Lecture, *Classics of Western Tradition*, on *Citizen Kane*, 7-9 p.m., Meadow Brook Hall library. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

10, 17 and 24 — Lecture, *Classics of Western Tradition*, on B.F. Skinner's *Walden Two*, 7-9 p.m., Meadow Brook Hall library. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

10 — OU Bible Staff meeting, noon-1 p.m., Oakland Center Meadow Brook Room. Free. Call Victoria Blackmon, 370-3480.

11 — Personal appointments with TIAA/CRF retirement counselor. Call Staff Benefits Office, 370-3483.

12 — University Senate, 3:10 p.m., Oakland Center Oakland Room. Call 370-2190.

17 — OU Bible Staff meeting, noon-1 p.m., 125 Oakland Center. Free. Call Victoria Blackmon, 370-3480.

17 — Columbus Quincentennial Lecture Series, *Moral Reflections on 1492*, with James Axtell of the College of William & Mary, noon, Oakland Center East Crockery. Sponsored by Department of History, Association of Black Students and Wayne State University History and Faculty Research Committee.

19 — OURS Program, *What's Up, Doc?* noon-1:30 p.m., 202 O'Dowd. Free. Sponsored by AP Assembly and AP Association. Call Paul Franklin to register, 370-2020.

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