



OAKLAND UNIVERSITY

News

104 North Foundation Hall
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A publication for faculty and staff

June 1991

Champagne to Leave Oakland as of August 1

President Joseph E. Champagne has announced he will leave the university as of August 1 to accept a position with the Crittenton Corp. in Rochester.

Champagne will become president and chief executive officer of the corporation. Crittenton Corp., formed in 1982, is the parent company that owns a number of health-care operations in northern Oakland County, including Crittenton Hospital. Richard Zunker will continue as president of Crittenton Hospital, which is a subsidiary corporation of Crittenton Corp.

"I am very proud to have been associated with Oakland University and its outstanding faculty and staff for 10 years. But 10 years is long enough for a chief executive and it is time for me to move on. My family

and I love Michigan and this area in particular, and we deeply want to remain here," Champagne said.

"The opportunity that Crittenton Corp. provides allows me to remain here and to continue to work in the field of human services. I look forward to the new and difficult challenges ahead, but I shall miss deeply Oakland University, which I love dearly. It is a magnificent university serving a great role in our region.



Champagne

I shall watch its progress under new leadership with great pride and interest."

Champagne came to Oakland in 1981 from Texas, where he was vice president for academic affairs of the University of Houston system. He guided Oakland University through the difficult financial years of the early 1980s and reinforced its educational programs with aggressive collaborative ventures, such as the Oakland Technology Park, alliances with school districts throughout southeastern Michigan and joint ventures with regional health-care facilities, businesses and labor organizations.

During his tenure, the president pursued university development, tripling annual philanthropic funding and external educa-

tional and research grants and contracts. The Kresge Library was tripled in size and most recently, the Board of Trustees approved plans for a new \$38 million Science and Technology Building.

The president said his proudest achievement came from the 10-year reaccreditation report of the North Central Association of Colleges and Schools in 1989. In the report, Oakland was cited as poised to be the model university of the 21st century, combining excellent teaching, scholarly research and active public service in a dynamic and responsive university role and mission.▼

Bacteria Lurking in Landfills: A Major Health Hazard?

Satish Walia knows that antibiotic-resistant bacteria live in landfills, he's just not sure how significant his discovery is just yet.

Such bacteria could become a major environmental problem, or perhaps it's something that nature has a way of balancing out. In the meantime, Walia wants to learn more to find out what the threat is to humans.

Bacteria in a landfill is not news. With tons of decomposing matter, a landfill is a breeding ground for all sorts of bacteria. What is news, is that some strains of bacteria are resistant to antibiotics. If these bacteria find their way out of the landfill and into humans, the possibility for illness is great if the bacteria are infectious.

Walia, an assistant professor of biological sciences, has conducted research since 1985 for the Environmental Protection Agency. His primary research involves looking into ways to unleash microbes that will eat dangerous PCBs, often found in landfills. Some of what he has learned during those experiments has been applied to his related landfill project, which at this point is not funded by any government agency.

Interest within the international professional community was spurred recently when Walia presented his findings at the annual meeting of the American Society for Microbiology. In its first daily journal of the convention, the society featured Walia's work. Publications from only 16 of the 14,000 scientists attending were selected for the publication.

Walia's discovery of the antibiotic-resistant bacteria came about after working with Providence Hospital on a separate study. Providence wanted to learn more about such bacteria in hospitals, due to the imminent threat the bacteria pose to patients who are already in a weakened condition. While tracking down bacteria in landfills, Walia dis-

covered the strains found in hospitals were remarkably similar.

Because of his work with Providence Hospital, Walia was able to compare and contrast the bacteria he found.

"We did a systematic study and compared the clinical bugs with the landfill bugs. We found that landfill bugs are also resistant to several antibiotics, and the pattern of this antibiotic resistance was similar to the clinical bugs, which should not be that way," Walia says.

What it all means, Walia says, is that what

breeds within a landfill may not always be harmless. As strains of bacteria with an antibiotic resistance to them multiply, and cross breed, more forms of antibiotic-resistant bacteria will exist. Hundreds of strains can be found now, he adds. Whether all landfills contain such bacteria is not known.

Given what is known, how would these bacteria go from a landfill to a human miles away?

One possibility, Walia says, is landfill contamination leaching into groundwater. That may be less of a danger, however, because

landfills are clay-lined to prevent leaching, and soil acts as a filter.

Another possibility is birds and rodents carrying away bacteria-laden material, or getting the bacteria into their systems and spreading bacteria through their feces.

Yet another possibility is the bacteria becoming airborne on dust particles, which humans could breathe.

Regardless of how the bacteria go from landfill to humans, Walia says he thinks it is critically important that further studies determine whether all these bacteria are infectious. He notes that rotting vegetation and other waste exist outside landfills, and similar bacteria may occur at these sites. If such bacteria have existed naturally, the threat to healthy humans may not be widespread.

Another reason why more research is needed, Walia says, is to find out whether a certain agent in the landfill triggers bacteria into becoming antibiotic-resistant. If that is the case, then what goes into landfills could be more closely regulated.

"There are so many questions, but certainly there is one fact: that there are antibiotic-resistant bacteria with infectious genes. That is the key," Walia says.

Infectious antibiotic-resistant bacteria can aggravate poor medical conditions in ill persons. For this reason, hospitals are scrupulous about eliminating infectious bacteria.

Walia says that when antibiotic-resistant bacteria were discovered in 1959, only two antibiotics could not kill them. Now nearly a

There are so many questions.
— Satish Walia



Satish Walia: Some bacteria in landfills are resistant to antibiotics.

PRESIDENTIAL SCHOLARS

Four High School Students Times 4.00 GPAs Equals \$24,000 Each

Perfect grades and out-of-classroom contributions have won four area students \$24,000 Presidential Scholarships to attend Oakland this fall.

The winners will each receive \$6,000 a year for four years. Recipients of the full-ride scholarships are John J. Headley of Rochester Hills, Kristine M. Kortjohn of Sanford, Loren C. Macklem of Sterling Heights and Kori Ann Vegh of Troy.

Oakland's most prestigious scholarships are based on academic achievement, activities, personal interviews and recommendations. The winners all maintained perfect 4.00 GPAs throughout high school.

Headley plans to major in engineering. He has been an honor roll student throughout high school and was a National Merit Scholarship semifinalist. He has been active in his church youth group and participated for four years in Project

People, a youth service activity. He says he chose Oakland because "it is a nearby school with an excellent reputation in my field of study."

Kortjohn plans to major in biology. The honor roll student has been active in athletics, the Language Club, Students Against Drunk Drivers, the band, statewide science competitions and the Girl Scouts. She was also a National Merit Scholarship semifinalist.

Kortjohn said she chose Oakland because "I wish to receive an education that is not only strong in biology, but is also well-rounded, so that I may be prepared for a career and life beyond the job. Oakland offers the education as well as the atmosphere I need."

Macklem will major in engineering. The Presidential Scholar has been active in varsity soccer, the National Honor

Society, the Human Rights Club, the Michigan Math League and a church youth group. Macklem chose OU because "most importantly, Oakland has an excellent engineering reputation. Also, it's location is ideal."

Vegh plans to major in elementary education. During high school, she has been an academic tutor and a member of the National Honor Society, the orchestra and other music groups, the basketball and volleyball teams and her church youth group.

Vegh says Oakland appeals to her because "I like having the advantage of a close-to-home university that offers as good an education as anywhere."

The scholarship winners chose Oakland for its reputation and location.▼

Advocacy of Student Press Earns Professor 'Journalist of Year' Title

Sometimes the route to an awards dinner includes a side trip before the bar.

Just ask Jane Briggs-Bunting, professor of journalism and adviser to the *Oakland Post* student newspaper. She was named Michigan Journalist of the Year on May 22 by the Metropolitan Detroit Chapter of Sigma Delta Chi, the society of professional journalists.

The bar of justice in this case was that of the Oakland County Circuit Court. Briggs-

Bunting, who is an attorney, filed a lawsuit against the university last year to force the Department of Public Safety and Police to release more-detailed crime reports.

The award cites Briggs-Bunting for her advocacy of freedom of the press for the *Post*, particularly in relation to the dispute with the university.

The lawsuit was settled out of court eight days after it was filed. As a result of the suit, the university changed its policy regarding

release of documents to make more information available to student journalists.

The irony, as Briggs-Bunting notes, was that in effect she sued her employer. As attorney for the *Post* in the case, it was Briggs-Bunting's obligation to advocate the newspaper's position, regardless of her own relationship with the university, she said.

Of the award, the professor commented, "It's nice to be recognized by your peers who understand the importance of a student

press and the fight to keep the First Amendment viable."

The award-winner received \$100 for the scholarship fund of her choice. Briggs-Bunting plans to donate the money to the summer minority student journalism camp which she directs at Oakland.

Other award finalists were journalists from WWJ/WJOI radio, the *Ann Arbor News*, *Detroit News*, *Livonia Observer* and *Observation Balloon*, a political newsletter.▼

New Zealanders Check on Progress of Math Education Program Promoted at OU

Some of the teaching materials resemble items from a long-neglected attic: bits of string, an empty cardboard box, some marbles.

They are part of a Beginning School Mathematics Program that is improving the math literacy of area children.

The unusual teaching concept has been brought to the area by Oakland University from New Zealand where it originated. Now a team of educators from that country is in Michigan to check local progress.

Now being tested in eight schools, the project is showing results in a wide variety of settings, from affluent Oakland County to pilot schools in Detroit and Highland Park.

The Beginning School Mathematics Program is one of the projects supported by more than \$500,000 in support from the W.K. Kellogg Foundation. The goals are to improve educational opportunities for the disadvantaged children from preschool through third grade and to strengthen preparation of early childhood educators.

Don Miller of the School of Education and Human Services is project coordinator. The New Zealand program, being tested in America for the first time, integrates math into every aspect of the teaching program, including reading, language and science.

The program combines familiar items like boxes and string with environmental objects all students can identify with; leaves and pebbles, for example.

Also included is a unique set of teaching cards that involve the children in problems that call for sorting, matching, ordering and comparing.

Children are encouraged to work with partners in small groups to solve class problems. A major emphasis is on the development of mathematical ideas, concepts and skills through comparison, logic, geometry and classification.▼

— By Jim Llewellyn



Ann McKinnon of New Zealand and Donald Miller of the School of Education and Human Services look over some of the materials used in school math programs.

Six Years of Watching the Weight Earns Some Recognition

Forgive Pat Nicosia if you see him throw his weight around.

Nicosia and his Weight Watchers at Work group have been cited for operating the second-longest running program of its kind (six years) in their region. The region includes parts of the midwest, the northeast and the south.

The group now consists of 18 in weight reduction and another 10 or so in the maintenance program. The members meet at noon every Thursday in 171 SFH. Esther Vandenberg of Weight Watchers conducts the meetings, offering encouragement and ideas for reducing. Nicosia, university budget director, and the

group's liaison with the Weight Watchers organization, says anyone interested in joining may drop in.

Weight-loss records do not go back as long as the group has existed, but Nicosia estimates that Oakland members alone have lost more than a ton of excess baggage over the years—collectively, of course.▼

Our People

Send brief items about professional activities or honors to the News Service, 104 NFH. Items appear as space permits.

PRESENTATIONS

CARRIE OWENS-PETTY, human development and child studies, made a presentation at the first statewide conference on self-esteem. It was sponsored by the Michigan State Board of Education. The conference focused on the design and implementation of effective self-esteem programs. Her session, *Higher Education/Higher Self-Esteem*, elaborated on ways and means to recognize

and promote student and staff self-worth in the university classroom so that these positive attitudes can carry over into daily life.

ANAHID KULWICKI, nursing, gave a presentation on *Cardiovascular Risk Assessment and Diabetes Among Arab Americans* at the National Conference on Cholesterol and High Blood Pressure. It was held in Washington, D.C.

PUBLICATIONS

BARUCH CAHLON, mathematical sciences, has published *On the Numerical Stability of Volterra Integral Equations with Delay Argument*. It appeared in the *Journal of Computational and Applied Mathematics*. He, IRWIN SCHOCHETMAN and MEIR SHILLOR published a paper, *A Model for the Corrective Cooling of Electronic Components with Application to Optimal Place-*

ment, in the *Journal of Mathematical and Computer Modelling*. Also authoring the paper was ILLYA GERTZBACH of Ben-Gurion University.

IRWIN SCHOCHETMAN, mathematical sciences, published a paper, *Convergence of Selections with Applications in Optimization*, with R.L. SMITH of the University of Michigan. The paper appeared in the *Journal of Mathematical Analysis and Applications*.

PETER SHI and MEIR SHILLOR, mathematical sciences, published *Uniqueness and Stability of the Solution to a Thermoelastic Contact Problem in the European Journal of Applied Mathematics*.

ANNE E. PORTER, reading and language arts, wrote *Scavenged Ideas and Virtual Hypermedia* for the May issue of *The Computing*

Teacher, the journal of the International Society for Technology in Education.

Jobs

For information on position openings, call the Employee Relations Department Job Hotline at 370-4500.

- Electron microscopy technician, C-9, Department of Biological Sciences.
- Programmer analyst, AP-4, Office of Computer and Information Services.
- Secretary I, C-4, Department of Physics.
- Coordinator for intercultural programs, AP-6, CIPO.
- Library assistant II, C-6, School of Education and Human Services, educational resource lab.
- Laboratory research technician II, C-9, Eye Research Institute.
- Senior executive secretary, excluded, Office of the Vice President for Student Affairs.
- Coordinator for leadership development and commuter services, AP-6, CIPO.

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. The telephone is 370-3180. Copy deadline is noon Friday of the week preceding the publication date.

- James Llewellyn, senior editor and news director
- Jay Jackson, staff writer
- Rick Smith, photographer

Funding Opportunities

The Office of Research and Academic Development has details about sources of external funding. Stop by 370 SFH or call 370-3222. Unless noted, proposal due dates are unknown.

William T. Grant Foundation

Applications for grants to support research on the development of children, adolescents and youths may be submitted to the William T. Grant Foundation. Young investigators are especially encouraged to apply. July 1 deadline.

Department of Defense

A videotape about the Small Business Innovation Research program, *The Department of Defense: Winning in its SBIR Program*, was taped on April 29 and is available from the ORAD. Presenters discussed all three phases of the SBIR competition and the mix of topics covered in two yearly solicitations. The closing date for receipt of Phase I proposals is July 1.

Environmental Protection Agency

The EPA will accept exploratory research grants in six environmental disciplines. Revised closing dates for applications are biology, September 13; chemistry/physics (air studies), August 16; chemistry/physics (water and soil studies), July 5; and engineering, August 9. Socioeconomics is closed for 1991.

National Science Foundation

Proposals for research on key issues in science and engineering education are invited by the National Science Foundation. Examples of key problem areas include the rising costs of undergraduate education combined with a decline in aid and loans, and resulting effects on student choices; low retention rates of students in science and engineering programs; insufficient attention in engineering to problem solving and commercial applications; and under-representation of women, minority and disabled persons in science and engineering education.

U.S. Army

The Army has released a broad agency announcement describing current research interests and opportunities. Areas of research interest are mobility, including bridging and counterming; survivability, including battlefield deception and counter surveillance; energy, including electric power, fuels and lubricants, and environmental control; logistics, including water supply, fuels handling, supply distribution and marine craft; and soldier enhancement, specifically equipment. Novel research approaches are especially sought. July 29 deadline.

In the News

Recent news coverage about the faculty and staff has included the following items.

- WXYZ-TV interviewed PHILIP SINGER, health behavior sciences, following a recent ABC broadcast of *20/20*, which dealt with the Catholic rites of exorcism. Also interviewed was Wanita Windwalker, a Native American exorcist who has been the subject of Singer's films. WXYZ also showed excerpts from Singer's latest film on spirit possession and exorcism in Guyana. An article in the May/June issue of *CA—A Cancer Journal for Clinicians*, extensively cited Singer's work. The article, *Unproven Methods of Cancer Management—'Psychic Surgery'*, refers to the psychic surgery demonstration Singer arranged at Oakland in 1987. The April issue of *Choice*, the journal of the American Library Association, reviews Singer's film, *Irreversible Coma*. The reviewer from the U.S. Public Health Service comments that the 12-minute video, which was made in a Rochester nursing home, presents "the decision-making process as it evolves so that, when all life-support mechanisms are stopped, there is no lingering doubt or guilt among those involved. This excellent teaching video is highly recommended for students and practitioners in the health care professions, and for general audiences of high school age and above."
- JOHN DOVARAS, music, theatre and dance, was interviewed on WQRS radio for the *Detroit Showcase* program. Dovaras spoke about his role as conductor of an opera concert, the proceeds of which will go to the Coalition on Temporary Shelter to benefit Detroit's homeless. The evening of opera music, to be performed in Detroit's Rackham Auditorium on May 31, will feature former Metropolitan Opera tenor George Shirley, Kathleen Segar, Quinto Milito and Maria Cimarelli.

Quote

"The most conservative persons I ever met are college undergraduates."
— Woodrow Wilson

Bits & Pieces

Give a Pint for Red Cross

The Red Cross wants you to help the Detroit area become self-sufficient as far as meeting blood-supply needs.

The Detroit region typically must import blood from other regions because of too few donors. Persons interested in helping can donate June 3 on campus.

CIPO will sponsor the event from 9 a.m.-9 p.m. in the Oakland Center East Crockery (a change from the previously announced location). The drive will help the Southeastern Michigan Chapter of the Red Cross to reach its goal of 266,500 pints of blood before July 1.

11 Get Alumni Awards

Eleven students will benefit from scholarships awarded by Alumni Association affiliate organizations.

Funds for the scholarships come from membership dues and contributions to specific scholarships by alumni donors.

Frances C. Amos School of Business Administration Alumni Affiliate Scholarship: senior John Lesser and junior Ann Scrivano, \$1,000 each.

College of Arts and Sciences Alumni Affiliate Scholarship: sophomore Ann M. Lehman and junior Jennifer Mlynarek, \$1,000 each.

Black Alumni Affiliate Student Achievement Award: senior Daphne Briggs, junior Pamela Cheatum and junior Detrich Smith, \$500 each.

School of Engineering and Computer Science Alumni Affiliate's Thomas A. Yatooma Memorial Scholarship: sophomore Edward Harshman and sophomore David Pung, \$1,000 each.

School of Nursing Alumni Affiliate Geraldene Felton Award: senior Andrea Whitcomb, \$600; and Continuing Advancement in Professional Nursing Award: senior Barbara Park, \$300.

Women Award Scholarships

Accounting major Laurel M. Lee has been awarded the Critical Difference Scholarship for 1991-92 by the Women of Oakland University.

Lee will receive \$500 from WOU. The scholarship, now in its third year, goes to a single head of household. Lee and two other students will also each receive \$1,000 in scholarship funds from the GM Truck & Bus Women's Club.

The GM club gave the Women of Oakland University \$3,000 to distribute for scholarships. Honored with Lee are pre-management major Ruth Ledsinger and business major Coleen North.

Patricia Rottenberk, development services, and chair of the WOU Scholarship Committee, said the GM club needed assistance in identifying potential scholarship recipients. The arrangement allowed the WOU to help three of its scholarship applicants.

All three scholarship winners will be cited on June 13 at a dinner hosted by the GM club. In the fall, the WOU will recognize the scholarship winners at a luncheon.

Get Up and Dance

Intermediate and advanced level modern dancers can turn their skills up a notch at the Summer Dance Workshop in Varner Hall.

Lisa Nowak of the Flint School of Performing Arts will lead the workshop on weekdays from June 17-28. Classes will meet from 10-11:30 a.m. in 132 Varner.

Nowak will teach techniques that she developed as founding artistic director of the Harbinger Dance Company. She recently choreographed *Troubled Sleep*, which was performed at the American College Dance Festival Association Festival in March.

Enrollment fee is \$70 for the full two weeks or \$10 per class. Call the Center for the Arts at 370-3018 or the Department of Music, Theatre and Dance at 370-2030.

Life in the Slo-o-o-o-w Lane

High Mileage Car Possible; Speed Takes a Back Seat

Student engineers have put the finishing touches on a vehicle that will add new meaning to the term "fuel economy." They hope their creation will deliver up to 600 miles per gallon.

The gas-sipper moves along without the creature comforts of a Lincoln Town Car. For that matter, it lacks the all-out luxury of a Yugo. What it does have is efficiency of design and construction and the heart and soul of 10 students from the School of Engineering and Computer Science who have spent two semesters building it.

Students like Greg Campeau, a senior mechanical engineering student, and their advisers have put thousands of hours into building the car since September. Calling it a car may be somewhat misleading, if one pictures a vehicle with doors, a windshield and four wheels. This is a true econobox, stripped to the bare essentials: a chassis, an engine, a fiberglass body and three wheels. Enough room is left for a driver, but not if he brings a Twinkie.

Campeau and his compatriots are members of the campus chapter of the Society of Automotive Engineers. On June 1 in Marshall, they will challenge similar vehicles from 23 other university SAE chapters.

The event at the Eaton Corp. Proving Grounds is the 12th annual Super Mileage Competition sponsored by the Western Michigan Section of SAE. Entrants from throughout the United States and Canada will compete.

Building the car was more than just something to do. "We feel that everyone on the team knows more about internal combustion engines than any other student who has gone through the university, just taking classes," Campeau says. "For instance, we've made overhead valves for our engine, and we had to learn internal combustion engine theory, aerodynamics and structural integrity."

Looking over the project, Campeau says, "We've reinforced what theory states on a lot of things."

Campeau says each vehicle must travel six laps around the 1.6 mile oval track in 38 minutes, 24 seconds. A vehicle must complete the full circuit to have its miles-per-gallon stats count. Entrants are allowed to make as many trials as they can squeeze into the day, hoping to obtain the best results.

To eke out the best mileage possible, drivers can shut off the engine and coast, reaching a speed well above 15 mph on the downhill stretch. The trick is knowing the precise points to shut down and fire up again, so as not to waste fuel and exceed the desired average speed.

"We have to maintain the 15 mph average speed. You can go above that, but you'll use more fuel. You can't go below it, though," Campeau explains. The driver eyes a bicycle computer that gives speed and average speed readings, and also listens to his pit crew for advice.

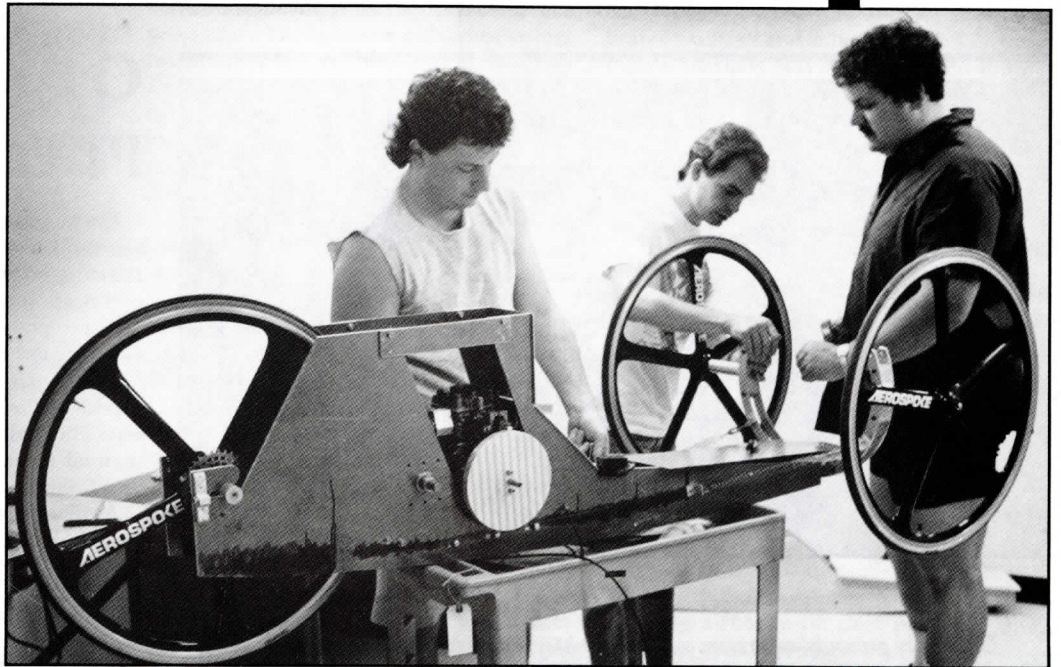
Determining the mileage figure is a science in itself. A special fuel tank is weighed and placed in the car. After the laps, the tank is weighed again, with accuracy to a few grams. At that degree of sophistication, grease rubbed off onto the tank from one's fingers could foul up the measurement.

"You've got to keep it clean. They wipe it down, before and after," Campeau says. For a true mileage reading, "You've got to be accurate to within a hundredth of a gram," he says.

Campeau, who participated the past two years in the competition, is confident the team will do better this year. OU students finished

seventh in the 1990 SAE competition by averaging 226 mpg. As the students point out, it was a much less sophisticated vehicle produced at a cost of approximately \$1,000. This year's project vehicle is first class, and would leave the laboratory garage with a \$6,000 window sticker — if the car had a window.

The Oakland three-wheeler features an aluminum frame supported by 27-inch, high-carbon-fiber bicycle wheels. Two wheels are in front. Mounted on the frame is a missile-shaped, 30-pound fiberglass body with cockpit. The vehicle height is only inches greater than



Students Mark Vogel, Matt Brest and Rick Frazer do some fine-tuning of the chassis of their high-mileage vehicle. A fiberglass body will cover the chassis, which is built to support only the driver.

the height of the bicycle wheels themselves. The body will hug the ground, resting three inches above the test track surface. The 11-foot-long vehicle is estimated to be about standard length for the 24 competitors.

The fiberglass shell is only 20 inches wide, or "less than a casket," say team workers, noting the close quarters. ELS Enterprises of Lake Orion did most of the work on the plastic shell at well below normal costs.

Under the hood is a 2-horsepower, air-cooled Briggs & Stratton engine. Some modifications were allowed and OU students looked at overhead cams and electronic ignition as possible options.

Campeau says tweaking the engine paid off. "We've doubled our power output," he says. "It didn't really hit us how much better power and efficiency we would be getting until we actually turned over the engine and got it running."

Other design variables for the students to consider included aerodynamics, lubrication and weight. Oakland's entry was expected to come in at about 300 pounds, including a driver who must weigh at least 150 pounds.

The cost of building the vehicle is covered from funds raised internally. Most of the money comes to the SAE chapter from the University Student Congress.

Other team members and their field of study are Greg Abraham, Chris Waites, Matt Witte, Phil Szuba, Rick Frazer, Matt Brest and Mark Vogel, mechanical engineering; David Bowden, systems engineering; and James Schmaltz, electrical engineering.

Campeau is student coordinator. Forrest Wright, manager of the mechanical equipment/instrumentation area, is general coordinator. Engineering Professor Robert Edgerton is SAE adviser.

All participants in the hands-on competition will receive a financial award proportional to vehicle performance. The first-place finisher will receive \$500.▼

Discounts on Chrysler Vehicles Available to OU Employees

Full-time university employees may now buy a used vehicle at a special discount through the Certain Designated Individuals program at Chrysler Corp.

Available vehicles have been driven by Chrysler executives or by Chrysler employees through its leasing program. Executive cars are made available after 5,000 or more miles. Employees' leased vehicles are generally made available after one year, but a leased vehicle could be made available earlier if a CDI program participant identifies it for purchase. In that instance, the lease could be terminated early. Typical mileage on a leased vehicle is under 12,000.

The program operates through the Lynch Road Marshalling Yard in Detroit.

Actual fixed discount prices are displayed on the vehicles. The fixed price for a vehicle currently being driven by a Chrysler lessee may be obtained by an interested CDI program participant.

Fixed prices are based on the time during the model year when the vehicle is purchased and its mileage. The fixed prices will generally provide greater savings than what would be available by purchasing a vehicle through

Chrysler dealers. Discounts typically range between 17 percent and 28 percent.

To buy a vehicle, a CDI participant identifies a vehicle (usually by its license plate number), either by finding one in which he or she is interested at the Lynch Road center, or by notifying the Lynch Road center about a specific leased vehicle. The lease holder would have to agree to turn in the car to make it available.

Available vehicles identified for purchase are tagged at the Lynch Road center. The actual purchase is arranged through a Chrysler dealer designated by the purchaser.

Prices may change weekly. Most leased vehicles are turned in, at the end of the lease, during the October-March period. The turnover rate in the Lynch Road center lot is high; therefore, CDI participants may wish to make several trips to find the particular vehicle which interests them.

An alternative is to call Thomas Steffes at 252-2543 to see if a particular vehicle is in stock.

To purchase a vehicle, follow these five steps:

- Obtain an OU employee verification form

from Marilyn Oberstadt in the Employee Relations Department, 138 NFH.

- Forward the employee verification form to Dave Kimpel, program coordinator, at the Chrysler Technology Center, Construction Office Building, 2615 Featherstone, Auburn Hills, 48326. The phone is 377-4452.
- Kimpel will mail you a CDI program authorization, which also serves as a pass to the Lynch Road center. Included will be a map to the Lynch Road center.
- Visit or call Steffes, 252-2543, at the Lynch Road center. He or his staff will provide directions and assistance. Hours for the center are 8 a.m.-noon and 1-4 p.m. weekdays, excluding holidays.
- Arrange to purchase and deliver the vehicle through a Chrysler dealer designated by you.

The program is in effect through March 1992. Continuation of the program beyond that date is subject to approval by Chrysler Corp.▼



And You Thought Your Lawn Was Big

University groundskeepers are out in force keeping much of the 1,400 acres of campus property trimmed. From watching the drivers scoot about on their tractors, one might surmise there's a natural choreography inherent in the maneuvers.

Employee of the Month

David Ollie may be recognized as Employee of the Month for June, but the real recipient of this dedicated service is the university community. Ollie started his career at Oakland in the Office of Admissions and Scholarships in June 1987. He began working in the Orientation Office in March 1989.

The employee recognition award committee based its selection on the following testimonials:

- "David is an exceptional employee. He is organized, knowledgeable, and like many office assistants, truly helps hold the office together. He is an outstanding representative of Oakland University to the public, both in his phone manner and in the gracious, helpful style he uses when greeting campus guests."
- "During the absence of the director, David single-handedly ran the Orientation Office. He did so with a high degree of professionalism, good humor and flexibility. Few



Ollie

staff members could match the level of dedication David has given."

- "David comes in every day an hour early and frequently works through the lunch period to keep things running smoothly. We have been down one full-time staff person for quite some time. David volunteers extra time just because he is committed to doing the job right. He is a tireless worker with patience, good humor and a high degree of work ethics."
- "His positive outreach and never-ending energy provide a most pleasant work environment. He continually strives to become a presence in any office where he has contact because of his well-defined, clear work ethic."
- "David's loyalty to his office and the students and staff that work with him is always evident. When I think of 'positive' role models on our campus, David Ollie is on the list."

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.

Oakland Hosts PT Examination

On Memorial Day weekend the university was the site of the first North American International Federation of Manual Therapy certification exam.

Three practicing physical therapists from California were on campus to be tested by an international panel of judges, including Dr. Freddy Kaltenborn and Olaf Evjenth of Norway. The exam features the Nordic system of manual therapy developed by Kaltenborn and Evjenth.

As many as 10 Michigan physical therapists may be ready to take the exam next year. The program is offered through the School of Health Sciences and the Program in Physical Therapy. It is not a formal graduate school course.

Since 1989 OU has offered this orthopedic pilot program in manual therapy. Oakland and Folsom Physical Therapy, a private practice in Folsom, Calif., are the only institutions in North America to offer this instruction.

Practicing physical therapists receive intensive practical, supervised experience in manual therapy involving joints and the muscles around those joints. The Nordic system places emphasis on collaboration between a therapist and physician and adopts the best treatments advocated by a variety of sources.

Kaltenborn and Evjenth also delivered courses on campus in addition to helping administer the certification exam.▼

Walia

(Continued from page 1)

dozen antibiotics are ineffective to some strains found in hospitals.

The assistant professor is in a unique position for this study. Few clinical biologists in hospitals studying bacteria would ever venture into a landfill, and few who probe landfills ever set foot inside a hospital lab. Partly because of his knowledge acquired in both settings, scientists are taking note of Walia's work.

"My previous work at Providence Hospital and my landfill work here paid off," Walia says.▼

Events

CULTURAL

June 17-28 — Summer Dance Workshop, 10 a.m.-11:30 a.m., 132 Varner Hall. Admission. Sponsored by the Center for the Arts and Department of Music, Theatre and Dance. Call 370-3018 or 370-2030.

MEADOW BROOK MUSIC FESTIVAL

For tickets to any festival concert, call 370-2010. Paul Anka, June 4; Detroit Symphony Orchestra, June 14; Gemini and Good Mischief Band, June 15 (children's); Indigo Girls, June 15; DSO, June 16; DSO, June 20; Smokey Robinson, June 21; DSO, June 22; DSO, June 27; Great American Concert Band, June 28; Mr. Dressup, June 29 (children's); DSO, June 29; Victor Borge, June 30; Peter Noone, Coasters, Shangrila's and Crystals, July 3; DSO, July 4; DSO, July 6; DSO, July 7; DSO, July 9; Davy Jones, July 11; Bob James, July 12; Skitch Henderson and Meadow Brook Festival Orchestra, July 12; Chenille Sisters, July 13 (children's); Doc Severinsen and His Big Band Sound, postponed from July 14 (new date to be announced); Bruce Hornsby and Roseanne Cash, July 17; DSO, July 18; Pat Boone and Patti Page, July 19; Eric Nagler, July 20 (children's); DSO, July 20; Steel Pulse, Special Beat and Dread Zeppelin, July 22; Righteous Brothers and Gary Puckett, July 25; DSO, July 26; Shari Lewis, July 27; Meadow Brook Festival Orchestra, July 27; DSO, July 28; Boston Pops on Tour, July 30; Woody Herman Orchestra, Kay Starr, Buddy DeFranco and Ink Spots, August 2; Fats Domino and Chubby Checker, August 3; Peter, Paul & Mary, August 10; DSO, August 11; Mel Torme and Cleo Laine, August 14; Ramsey Lewis Trio and Fifth Dimension, August 16; Dionne Warwick, August 18; Meadow Brook Festival Orchestra, August 24; Dion, Bobby Vee, Lou Christie and Johnny Tillotson, August 28.

ETCETERA

Weekly — Gay and Lesbian Alliance, open to all students, faculty and staff. Free. Call 370-2345 for time and location.

June 1 — Mystery writers' seminar, *Murder, We Wrote*, 8:15 a.m.-4:15 p.m., O'Dowd Hall. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

June 1 — Commencement: School of Business Administration, 10 a.m., Baldwin Pavilion; College of Arts and Sciences, 1 p.m., Baldwin Pavilion; School of Engineering and Computer Science, 4 p.m., Baldwin; School of Nursing, 4 p.m., Varner Recital Hall; and School of Education and Human Services, 7 p.m., Baldwin.

June 3 — Red Cross blood drive, 9 a.m.-9 p.m., Oakland Center East Crockery (note room change from Gold Rooms). Free. No appointment necessary. Call 370-2020.

June 3 — Toastmasters International eight-session seminar begins, *Never Be Afraid to Speak in Public Again*, 1 p.m., Hamlin Hall. Fee. Call 726-1469.

June 3 — Lecture, *Not Without My Daughter* by Betty Mahmoody, 7:30 p.m., Oakland Center Crockery. Free. Call 370-2020.

June 4 and 11 — Seminar, *Classics of Western Tradition on Declaration of Independence*, 7-9 p.m., Sunset Terrace. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

June 5 — CIPO Patio Series cookout and entertainment by Janina Jacobs on keyboard, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

June 7-9 — CPA Weekend, all day, on campus and at Holiday Inn of Auburn Hills. Sponsored by Division of Continuing Education. Call 370-3120.

June 11 — Para-Accountant Information Night, 6:30 p.m., Oakland Center. Free. Sponsored by Division of Continuing Education. Call 370-3120.

June 12 — CIPO Patio Series cookout and entertainment by the Brindisi String Quartet, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

June 12 and 19 — Seminar, *Jog Your Memory*, 7-10 p.m., 125 Oakland Center. Fee. Sponsored by Continuum Center. Call 370-3033.

June 18 and 25 — Seminar, *Classics of Western Tradition on De Rerum Naturae*, (On the Nature of Things), 7-9 p.m., Sunset Terrace. Admission. Sponsored by Division of Continuing Education. Call 370-3120.

June 19 — CIPO Patio Series cookout and entertainment by the Larry Morone Ensemble, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

June 20 and 27 — Seminar, *Singles and Communication: Making a Relationship Great*, 7-10 p.m., 126-127 Oakland Center. Fee. Sponsored by Continuum Center. Call 370-3033.

June 25-26 — MacCamp seminar for Macintosh computer users, 9 a.m.-4:30 p.m., 201 Dodge Hall. Free. Sponsored by the AP Assembly and the Employee Relations Department. Call 370-3492.

June 26 — CIPO Patio Series cookout and entertainment by Ruth Myer on harp, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

July 3 — CIPO Patio Series cookout and entertainment by Jamboree Barbershop Quartet, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

July 10 — CIPO Patio Series cookout and entertainment by Soiree on guitar and flute, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

July 17 — CIPO Patio Series cookout and entertainment with Robert Valentine on steel drums, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

July 24 — CIPO Patio Series cookout and entertainment by Janina Jacobs on keyboard, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

July 31 — CIPO Patio Series cookout and entertainment by the Larry Morone Ensemble, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

August 7 — CIPO Patio Series cookout and entertainment with Robert Valentine on steel drums, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

August 14 — CIPO Patio Series cookout and entertainment by Ruth Myer on harp, noon, Oakland Center patio. Free entertainment (lunch available at a charge). Call 370-2020.

CLASSES

The Office of Computer and Information Systems offers various free software training courses for university employees. Call 370-4560.

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