

THE Interior

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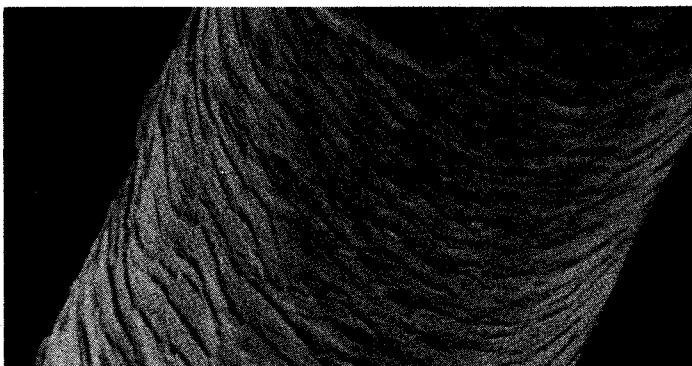
September 24, 1985

SVSC RECEIVES ELECTRON MICROSCOPE FROM SAGINAW DIVISION

Saginaw Division of General Motors Corporation has donated a Cambridge Mark II electron microscope to SVSC. The equipment was officially transmitted to the college on Thursday, September 19 by Mark McCabe, general manager of Saginaw Division. Accepting on behalf of SVSC were President Jack M. Ryder and Dean of Science, Engineering and Technology Thomas E. Kullgren.

The microscope, which will be installed in the new science building, was originally located in Saginaw Division's metallurgy lab. It is used for high magnification inspection of the surface of materials and can detect flaws that have caused materials to fail.

According to Kullgren, the microscope will be used by the college's mechanical engineering department. He said the equipment also will be shared with the biology department. "Dr. Richard Trdan (associate professor of biology) is very interested in the microscope. He plans to use it in his research on mussels. With the microscope, it is possible to carefully inspect biological specimens that have been highly magnified."



This human hair was magnified 1000X by the electron microscope.

* S.E.T. RECEIVES ELECTRON MICROSCOPE

* CARDINAL RUN PREPARATIONS UNDERWAY

* LAST WEEK FOR LOT C PERMITS



Mark R. McCabe [left], general manager of Saginaw Division of General Motors, oversees the transfer of the electron microscope to SVSC. Joining McCabe are Dr. Richard Trdan, associate professor of biology [center], and Dr. Terry Ishihara, professor of mechanical engineering.

The microscope is equipped with a camera that enables it to photograph the highly magnified materials being examined, Kullgren said.

Kullgren said the equipment, which was dismantled before Saginaw Division transported it to the college, will be reassembled and installed in a room specially designed for housing electron microscopes. President Ryder noted that college officials were "extremely grateful" for the donation. "We did not have equipment for the electron microscopy room in our new building, and this contribution is a significant addition that will be used by both students and faculty for research and classroom instruction."

The science building is part of a \$28 million classroom/office/library complex being constructed at SVSC. The science building is expected to be the first subunit completed.

AREA ATHLETE TO TRAIN IN CARDINAL RUN

Almost all athletes who participate in competitive events have experienced the proverbial "agony of defeat." Jim Green can take this feeling one step further.

He can describe the "agony of 'de hands.'"

Green, a 29 year old life-long Saginaw resident, has competed in some 30 road races since 1983--all in the wheelchair division. When preparing for a race, Green not only uses gloves to protect his hands, but he also tapes all of his fingers to prevent blisters. In addition, he wraps his biceps to avoid getting burns from the tires on his custom racing wheelchair.

"I raced in the Detroit Free Press 26-mile marathon last fall," Green said, "and after a while my arms started to cramp up and my shoulders started to burn. When that happens you lose your grip [on the wheels]."

In the marathon, Green placed 20th out of 75 finishers in his division. He also has raced in the Bobby Crim Race for Special Olympics during the last two years, the Emily Midas Race in Detroit, and the Saginaw St. Mary's Hospital Run for Life. Green has won his division in the St. Mary's Run for two consecutive years.

Green, a junior business major at SVSC, is looking for training opportunities on a track. "All of my races have been on the road," he said. "I'm interested in competing in the National Wheelchair Games in 1986, so I'll need some track racing experience."

His first training workout will take place on the SVSC Morley Field track at the fifth annual Cardinal Run. The Cardinal Run, a fund-raising and fun oriented run-walk-jog (and wheel) event, will be Saturday, October 5, beginning at 9:00 a.m. The event is open to all school clubs and teams, service clubs, church groups or any non-profit organizations interested in raising funds for their programs.

Green, while accomplishing his track training experience, will be raising money for the SVSC Abler's Club, an organization designed to provide on-campus assistance to students who have special physical needs. As a participant in the Cardinal Run, Green will solicit pledges for the laps he



completes around Morley Field's 400-meter track. All of the money raised will be collected by the SVSC Foundation after the race. When pledges have been collected, Green's organization will receive 50 percent of the amount, and the remaining 50 percent will provide support for SVSC athletics.

Green said he can cover a mile during a distance race in an average time of 5:30. In a mile sprint, he can wheel in at a 4:30 clip. The biggest difference in track racing versus road racing is that the front wheels are loosened up to accommodate the curves on an oval-shaped track. Also, there are no hills to combat.

"I went out of control on a hill in Traverse City," Green recalled. "I got it back at the bottom of the hill and didn't crash. That was the steepest hill I've ever been on, and I had to be going about 40 miles per hour when I lost it.

"That was too fast. It was pretty scary."

For further information on how to enter the Cardinal Run, call the SVSC Foundation Office at extension 4165.

LAST WEEK FOR LOT C PERMITS

Lot C parking passes for 1985-86 are available for faculty and staff. This is the final week to use permits from 1984-85, which expire September 30. Fee for a permit is \$20, and applications should be accompanied by a driver's license.

Zane Rybkowski, director of Public Safety, reminds groups planning to use Lot C for guest parking during fall or winter semester to contact Public Safety at least two weeks prior to the event to determine if sufficient space will be available.

For more information on parking permits, call extension 4141.

NEWLY FORMED CLUB TO MEET

The Inter-Club Council, a new campus club, will have its first meeting Tuesday, October 8. Guests will be served dinner at 5:00 p.m. in lower level Doan Center. Other club advisors also are welcome to attend. For reservation information, call Student Government at extension 4232.

HUTTER NAMED TO BIDI POST

The Business and Industrial Development Institute (BIDI) at SVSC is expanding its staff to facilitate the transfer of dormant industrial technologies to Saginaw Valley manufacturers. Named to the newly created position of BIDI research assistant is Ms. Jo Hutter.

Hutter's responsibilities include researching and writing the prospectus when a dormant industrial technology is being considered by BIDI. Her duties also will include the creation of pro forma financial plans for the transferable technologies.



Hutter holds a Master of Business Administration degree from SVSC. She earned a Bachelor of Applied Arts with a major in broadcasting and minor in journalism from Central Michigan University.

Before taking the BIDI position, Hutter was employed by the Bay Area Chamber of Commerce as administrative assistant in charge of marketing and membership.

BRIEFLY SPEAKING

--The fifth annual **Humanities Series** will present Stuart D. Gross speaking on the "Saga of Frankie Howe" tonight. The next presentation will be Tuesday, October 1, as Forrest Meek discusses "Timber Battleground." Both lectures will be held in the Ruben Daniels Lifelong Learning Center at 7:30 p.m. The series is offered as a public service by SVSC and cooperating agencies. For more information call the Chrysallis Center at extension 4267.

--Campus Ministry will present a reflection and discussion led by **Lou Oates**, Saginaw city council member, Wednesday, September 25 from 11:30 a.m. to 1:00 p.m. Topic of discussion will be the South African Apartheid issue. Guests are invited to bring their lunch, or purchase a carry-in meal from the snack bar. Admission is free.

--On display in the **Arts Workshop** will be photograms and prints by Carol Bjerke. The show runs from September 24 through October 9. For gallery hours, call extension 4159.

--Student Government will present "**Can of Worms**," an on-going support group that discusses social issues. Meetings are held in Doan's large private dining room every Thursday from 8:30 to 10:30 a.m. beginning September 26. Call ext. 4273 for details.

--Volunteers are needed for the 5th annual **Cardinal Run**. Duties include checking runners and other activities. Call Carol Fitzpatrick at ext. 4161 for information.

--Faculty and staff who have had a **portrait** taken may see a proof before it is printed in the Faculty/Staff Directory. Call Mark Cornillie at extension 4086.

--Added to the summer 1985 **President's List** were 21 students who maintained a 4.0 (A) grade point average (GPA) while carrying 12 or more credit hours. Making the summer 1985 **Dean's List** were 34 students who maintained a GPA between 3.40 and 3.99 while carrying 12 or more credit hours.

--The City of Saginaw Parks and Recreation presents **Barbara Zivich** and **KHOROS** in an afternoon of dance and jazz music Saturday, September 28, at 3:00 p.m. on Ojibway Island in Saginaw. Admission is free. The rain date for the concert is the following Saturday, October 5, at 3:00 p.m.

--The **Theatre Guild** will present a comedy presentation by The National Touring Company of Second City Sunday, September 29, at the Midland Center for the Arts. For further ticket information and reservations, call the box office at 631-4800.

--Learn how to protect yourself from becoming a victim of sexual assault by attending a seminar held in Garber Auditorium on Thursday, October 3, from 7:00 to 9:30 p.m. To register, mail \$2 to: Essexville-Hampton Community Education, 213 Pine Street, Essexville, MI 48732.

--Travis, a hapless drifter, returns to his son and 'normal society' in **Paris, Texas**. The feature is presented by the Valley Film Society Friday, October 4, at 7:45 p.m. in Wickes lecture hall. Call extension 4154 for membership information.

--**Graduate school catalogs** are needed for a display table that will be set up during Graduate School Day, October 9 and 10. Anyone who has catalogs to loan should send them to the Campus Activities Office. Please write your name on the catalog so that it can be returned.

ACROSS CAMPUS

--**Ms. Margaret Klemm**, professor of criminal justice, had a paper, entitled "A Look At Case Processing Time In Five Cities," published in the Journal of Criminal Justice. The paper is a revision of a presentation at the Louisiana Political Science Association in Baton Rouge in 1984.

--**David L. Skinner**, assistant professor of finance, attended the "Banking Seminar for College Faculty," August 14 through 16 in Madison, Wisconsin. The conference was sponsored by the Central States Conference of Bankers' Associations and the University of Wisconsin. Speakers represented various aspects of the banking industry and included several presidents of the Federal Reserve districts.

PERSONNEL

LABORATORY SUPERVISOR, Independent Testing Laboratory - Full-time, permanent (replacement). Salary: \$18,000. Bachelors of Science or equivalent experience in field related to the lab program.

All internal applications must be received by the Personnel Office no later than Monday, September 30. For more information on this position, call extension 4112. SVSC is an equal opportunity-affirmative action employer.

HIGH FIVE

The Cardinal football team improved its on-the-field performance Saturday, but still fell short on the scoreboard, losing 35-27 to Eastern Illinois University. "Our kids played as hard as they possibly could against as fine a football team as we will see," said coach George Ihler. Mistakes stalled two late SVSC drives with the Cards trailing 35-27. EIU quarterback Sean Payton set school records for completions and total offense by one player, completing 40 of 58 passes for 509 yards and four touchdowns. SVSC's defense set an unwanted record for allowing 676 yards of total offense. Brian Krukowski had 127 yards rushing for Saginaw. Mike Leibinger rushed for 92 yards on 20 carries and was 10-for-22 passing for 145 yards. SVSC will try to get on the winning trail next Saturday at Hillsdale as it opens defense of its GLIAC conference championship. The game will be aired on WBCM radio (1440 AM) beginning at 1:15 p.m.

The women's tennis team dropped a 7-2 decision to Lake Superior State in GLIAC action Saturday. Injuries forced the Cards to forfeit three of the nine matches. Misty Cramer had a hand in both SVSC wins, teaming up with Tammy Manninen to win doubles after taking her singles match. On Friday, the Cards defeated Michigan Tech 6-3 in Houghton. The Cardinals drop to 1-1 in the GLIAC after Saturday's loss, 2-1 overall.

Saginaw Valley split a pair of volleyball matches in Flint Saturday, defeating Mott Community College after losing to Macomb Community College.

REFERENCE DEPARTMENT
Sept. 24 ... Saginaw Humanities Society
Sept. 25 ... Lou Bates Lecture
Sept. 25-26 ... Saginaw vs Northwood
Sept. 25-Oct. 9 ... Homecoming Week
Sept. 26 ... Can of Worms Meeting
Sept. 28 ... Women's Tennis vs Oakland
Sept. 29-Oct. 5 ... Homecoming Week

For details see monthly calendar or call Information Services.