June 1, 1993

Marshall Fredericks Gallery Holds Fifth Anniversary Open House

Almost 100 people toured the Marshall M. Fredericks Sculpture Gallery as part of a Fifth Anniversary celebration Sunday afternoon, May 23.

Gallery Director Michael Panhorst led a series of special tours throughout the afternoon. Included were children's tours that concentrated on Fredericks' sculptures The Lion and Mouse; The Ugly Duckling and the Swan; and Boy and the Bear.

"Public Monuments" was the theme for a tour that focused on models for Fredericks’ Fountain of Eternal Life; Freedom of the Human Spirit; and The Spirit of Detroit. The "Portraits" tour featured images of Henry Ford, John F. Kennedy and other notables.

The final tour, "Sculpture Process," addressed the technical issues of moulding, mold-making, casting of plaster and bronze and patination (or chemical coloring) of bronze.

The tours were co-sponsored by MICHIGAN SOS! SAVE OUTDOOR SCULPTURE, which the Gallery coordinates. MICHIGAN SOS! is a statewide volunteer effort to inventory outdoor sculpture, assess its condition and promote public awareness of the need for regular professional care for outdoor sculpture. MICHIGAN SOS! is funded with $56,000 by the national SOS! program, which is a joint effort of the National Institute for Conservation of Cultural Property and the Smithsonian Institution’s National Museum of American Art.

The Gallery, which opened in the Arbry Fine Arts Center in May 1988, has hosted over 40,000 visitors in its brief history. The collection includes over 200 works that span the career of Marshall Fredericks, who was born in 1908.

Fredericks is known in America and abroad for his monumental figurative sculpture, inspiring public memorials, exuberant fountains, insightful portraits and whimsical sculptures of animals.

The Gallery contains original models for many of Fredericks’ greatest sculptures. Sketches, studies and scale models for memorials, religious sculptures, portraits and animals also are on display. An outdoor sculpture garden includes more than a dozen bronzes, most with the light green patina favored by the artist throughout his career.

"We appreciate all those who attended the open house," said Panhorst. "Every year the Gallery draws larger crowds, including groups and individuals."

The Gallery is open Tuesday through Sunday from 1-5 p.m. Group tours are by appointment only. For further information on the Gallery, call ext. 5667.
SVSU Faculty Members Tutor Participants of "EarthVision" Competition

Tutoring provided by several SVSU faculty members has enabled a group of high school students from Bay City to win a competition sponsored by the Environmental Protection Agency (EPA) titled "EarthVision: EPA's Grand Challenge for High Schools."

For the past five months, faculty from SVSU's Institute for Environmental Policy and Education (IEPE) offered their expertise in research methods and computational science during Saturday tutorial sessions for team members from Bay City Central High School, Chesaning High School and Saginaw's Center for the Arts and Sciences.

Among the IEPE tutors were Paul Catacosinos from Delta College and SVSU faculty Charles Garrison, David Dalgarn, Tai-Chi Lee, Morteza Marzjarani and Tirumale Ramesh. Others who also provided assistance include Shirley Ruby, Don Richards and Timothy Von Hoff.

The Bay City team of four students and two teachers won a powerful silicone-graphic computer work station for their school and an opportunity to continue work on an environmental research project with the aid of a direct link with the EPA's National Environmental Supercomputing Center (NESC) in Bay City.

In addition to winning the specialized work station and its link to NESC, the Bay City team will participate in a three-week Summer Research Institute at SVSU. From July 25 through August 13, team members will live on the University campus as they continue their research using work stations and telecommunication links to NESC to analyze data, conduct modeling and use scientific visualization to implement their research.

For their work, educators on the team will earn a $2,000 stipend. Students will receive $750 each.

Dr. Ralph Coppola, director of IEPE, said the research projects were evaluated on the basis of 100 points for the research proposal and 100 points for the teams' plans to develop a long-term educational program for environmental research and computational science at their schools.

The Bay City team titled their winning project "Uptake and Food Chain Transfer of Polychlorinated Biphenyls (PCB) in the Zebra Mussel Dreissena polymorpha." Announcement of the award was made at SVSU, where a $1.6 million grant is being administered to support the program.

Next year applications for participation in EarthVision will be open to high school teams around the state. For additional information, contact the Office of Sponsored Programs at ext. 4295.

Educational Leadership Academy II Hosted by SVSU

The College of Education will be sponsoring a professional conference for school administrators. "Educational Leadership Academy II" will be held at SVSU June 21-25.

The academy will explore a series of themes that will be addressed by keynote speakers chosen from among local and state school superintendents, SVSU faculty and specialists from across the state of Michigan. Faculty from SVSU who will be among the presenters include Joseph Snider, Robert Meadows, Norman Sterchele and Gamal Elashhab.

Academy participants may apply for graduate credit to be applied toward Michigan certification and recertification for school administrators. Tuition cost for SVSU graduate students is $425; $500 for guest participants. Deadline for registration is June 18, 1993. For further information on the academy or to register, contact Gamal Elashhab at ext. 4322.

Apply Now for Cocurricular Learning Experiences Mini-Grant

The Mini-Grant Program for Cocurricular Learning Experiences is being offered for the second year by the SVSU Office of Student Life and the Campus Life Team. Its purpose is to encourage the development and expansion of creative, out-of-class learning programs and projects for students. Funding of up to $500 may be requested for speakers' fees, travel, operational or program fees. Any full-time or adjunct SVSU faculty members may apply. Applications for the 1993-94 academic year are due in the Office of Student Life no later than 4 p.m. on Monday, August 2, 1993. Limit proposals to no more than three pages in length. For application information, contact the Office of Student Life at ext. 4170.
SVSU Hosts Social Gathering

A social event open to the faculty and staff of SVSU and Delta College will be held Friday, June 18, from 4 to 6 p.m. near the Leaping Gazelle Fountain area. Complimentary refreshments and hors d’oeuvres will be served. RSVP by June 8 at ext. 4041.

Bilingual Awards Ceremony Held

Graduates from the Bilingual Center were the honored guests at an April 30 awards ceremony. This year two educators received their Bilingual Endorsement and seven undergraduates received their Bachelor of Arts. The event was attended by members of the Bilingual Advisory Committee, University officials, staff, bilingual students and community members. Ana Maria Fleitas and Francisco Lugo provided entertainment; Elizabeth Sheehan was mistress of ceremonies.

High Grades Qualify Students for President’s, Deans’ Lists

The dedicated efforts of 835 students at SVSU earned them recognition by making the Deans’ and President’s Lists during the semester that ended May 1, 1993. The 576 students who made the Deans’ List maintained a grade point average of at least 3.40, while 259 students had the 4.00 GPA required for the President’s List.

SVSU Senior Nursing Student Awarded Datatel Scholarship

Kathleen M. Gleason, a senior in the College of Nursing and Allied Health Sciences, has been awarded a $500 scholarship by the Datatel Scholars Foundation of Fairfax (VA). The award will enable the 20-year-old nursing major from Lapeer County to defray part of her tuition costs for the 1993-94 academic year.

Gleason is among 82 students from colleges and universities around the country who received similar awards from the foundation.

Announcement of the award was made in connection with the 25th corporate anniversary of the computer software company, which supplies colleges, universities and other non-profit organizations. The foundation was established by Datatel in 1990 to offer scholarship assistance as a means of satisfying its charitable contributions policy.

Full- and part-time students may apply for the scholarships. Eligibility criteria include personal motivation, academic merit, external activities (i.e., employment and extracurricular involvement) and letters of recommendation.

32 SVSU Undergraduates to Receive Tuition Assistance in the Fall

When 32 undergraduate students who have outstanding academic records return to school in the fall, they will have financial assistance from SVSU’s Recognition Scholarship and Achievement Awards Programs.

Recognition Scholarship winners must be sophomores who have a cumulative 3.40 grade point average and be enrolled in 12 or more credit hours. The scholarship provides $200 per semester for tuition and fees and is automatically renewable up to six semesters while the student maintains a 3.40 GPA.

The Achievement Award recognizes sophomores, juniors and seniors who have demonstrated involvement and leadership in University activities and programs. Recipients must have a cumulative GPA of 3.25 or better, and be enrolled in 12 or more credit hours. They may reapply each year to receive $100 per semester for tuition and fees.

Achievement Award recipients are:

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<tr>
<th>Shelly Badgley</th>
<th>Senior, Elementary Education</th>
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<tr>
<td>Jeffrey Erickson</td>
<td>Senior, Criminal Justice/Communication</td>
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<tr>
<td>Neil Rieley</td>
<td>Junior, Elementary Education</td>
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New recipients of Recognition Scholarships are:

| Billie Baeza | Senior, Elementary Education |
| Lisa Douglas | Junior, Pre-Occupational Therapy |
| Jeffrey Erickson | Senior, Criminal Justice/Communication |
| Barbara Ferguson | Senior, Elementary Education |
| Deborah Gleissner | Senior, English |
| Sandra Heroux | Senior, Elementary Education |
| Austin Hess | Junior, Criminal Justice |
| Patrick Huber | Junior, Criminal Justice/Accounting |
| Kristin Leedom | Senior, Nursing |
| Merrill Matthews | Junior, Computer Information Systems |
| Melissa Seitz | Junior, English |
| Cindy Witucki | Junior, Nursing |
| Janine Yalkin | Sophomore, Pre-Nursing |
| Geoffrey Yoros | Senior, Computer Science |

Recognition Scholarships were renewed for:

| Pamela Burgess | Junior, Communication |
| Eric Eby | Junior, Pre-Med |
| Kathleen Gleason | Junior, Nursing |
| Troy Hendrickson | Senior, Communication |
| Beverly Kulukulski | Senior, Criminal Justice |
| Wendy Manley | Senior, Elementary Education |
| Tina Middaugh | Senior, Nursing |
| Brenda Minnick | Senior, Elementary Education |
| Cynthia Nichols | Sophomore, Elementary Education |
| Angel D. Owenga | Junior, Criminal Justice |
| Brad Rappeck | Junior, Secondary Education |
| Brian Silverthorn | Senior, Elementary Education |
| Jennifer Skarin | Junior, Elementary Education |
| Donald Smith | Junior, History |
| Regina Wilbur | Senior, Elementary Education |
| Mark Zelly | Junior, Political Science |
Professional Profile

• William G. Elliott, professor of business law, joined a 30-member delegation who departed at the end of May 1993 for Estonia, Latvia and Lithuania. The group will present a series of symposia to provide technical assistance to the people of nations undergoing modernization. Elliott’s interest will be in the area of re-establishing the rule of law in the Baltic States using western legal models.

• Concluding its 10th anniversary season, the Valley Wind Quintet performed a cycle of three concerts for the Bay City Public Schools on May 20. On May 22, the Quintet was featured in a performance at the Hartland Music Hall as part of the Hartland Spring Music Series.

• Drew Hinderer, professor of philosophy, will be one of four featured speakers in the June 2 Second annual Oncology Update, a continuing education program sponsored by Bay Medical Center. His topic is “Care, Kindness and Euthanasia: The Ethical Issues.”

• Steve Lawrence, assistant professor of chemistry, presented two posters at the American Chemical Society Meeting held at Temple University on April 29. The first, titled Effects of Metal Ion Substitution on Catalytic Selectivity in Heteropolyacids, was with Denise R. Elliot and Susan A. Varnum; Al Gwizdala, a recent SVSU graduate in chemistry, was acknowledged for his technical assistance. The second poster presented was titled Rational Design of Buckminsterfullerene: A Theoretical Approach, with Feng Chen and Susan Varnum. Both of these posters represent results of the continuing collaborative research efforts between SVSU and Temple University. Lawrence also was asked to serve as the outside member of the Dissertation Defense Committee and the Master’s Thesis committee of two Temple University students for their August graduation.

• Janice M. Wolff, assistant professor of English, presented a paper titled “Tutoring in the Contact Zone” at a meeting of the East Central Writing Centers Association Conference at Ball State University on March 12.

High Five

• SVSU sent five women and one man to the NCAA Division II national track championships at Angelo State University in San Angelo, TX, May 27-29. Sophomore Andy Sorenson represented the Cardinals in the 800. He qualified with a winning time of 1:50.96 effort at the GLIAC meet, earning “Co-Athlete of the Meet” honors. Sorenson also qualified for the nationals in the indoor 800 and advanced to the finals. His time is the 10th best in NCAA II this season. Sophomore Katrina Jones and junior Melanie Bowen qualified in the long jump. Jones won the event at CMU with a school-record 20-4½ leap that erased Bowen’s record of 19-4¾ set last year. Bowen, who earned NCAA All-American honors with last year’s eighth-place finish at the outdoor nationals, finished second at CMU with qualifying leap of 20-1½. Jones is ranked third in the nation and Bowen is fifth. Bowen also qualified in the 100 meters with an 11.92 clocking at the University of Michigan’s Len Paddock Invitational. She finished in a three-way tie for the 12th and final qualifying spot. The Lady Cardinal 400 relay team qualified at the SVSU Open with a time of 47.17 and a unit of Bowen, junior Candice Woodget, freshman Angie Schneider and freshman Kim Aubert. The unit has the seventh-fastest time in the nation this season. SVSU women will be making their 12th straight appearance in national outdoor competition, and fourth straight in NCAA Division II. The Cardinal men are making their 11th national appearance, and first in NCAA.

• Coach Walt Head has announced the 1993 award-winners for the SVSU baseball team. Sophomore second baseman Cory Sturges was named “Most Valuable Player;” sophomore left-hander Steve Shores was named “Outstanding Pitcher.” The “Coach’s Award” went to two players for contributions to the program and leadership on and off the field. Senior shortstop Mike Bloomfield and junior right-handed pitcher Jeff Paluk shared the award. Sophomore outfielder Randy Bukowski earned “Most Improved Player” honors. The “Outstanding Defensive Player” was junior third baseman Mitch Willis. The “Hustle” award went to junior catcher James Becker. The “Freshman of the Year” was outfielder John Sullivan.

DIRECTORY PORTRAITS still are being scheduled in the Office of Information Services. To have your photo taken or retaken, call ext. 5641 to make an appointment.
Probing Life’s Forces

Deoxyribonucleic Acid—DNA—is much less a mystery to Charles Pelzer than to most of us. While most have only a nodding acquaintance with DNA gained through articles in the popular press, Pelzer works directly with the genetic material.

Pelzer’s long-term interest in genetics led him to study heritability factors in cancer. For a period, his research centered on familial tendency toward breast cancer, examining gene products.

Presently he is engaged in studying cancer by looking directly at the genes. "For the last three years or so I have worked at the DNA level with several cancers," he says. "My research involves thyroid cancer, brain cancer and stomach cancer. That is because of the availability of tissue," he explains.

Obtaining the needed tissue samples can be a demanding process, he notes. When a sample becomes available through surgery, for example, Pelzer will receive a call that initiates an immediate trip to pick up the tissue and pack it in ice for preservation. Then it must be rushed to the lab for appropriate handling and preparation.

Progress toward solving the riddle of cancers makes it worth the effort. "It is a very exciting field," Pelzer says. "I have been looking at tumor suppressor genes—genes that under normal conditions tend to act as brakes. If for some reason you lose that braking effect, cancer ensues."

Pelzer’s probes provide basic scientific data. While this type of research will not in itself provide a cure for cancer, it can provide information that will be needed to discover a cure.

Recently Pelzer was intrigued to read in the New York Times reports of studies performed at Johns Hopkins Hospital and in Helsinki, Finland that tend to support his research. "They are studying different tissue, related to colorectal cancer," he says, "but these studies show that there appears to be some type of mutant gene on chromosome 2 that causes a different type of gene action."

It is significant, he believes, that the research shows that a person with this gene has a 90 percent chance of getting some type of cancer. Further, it appears that the genetic defect may be inherited.

"First we must isolate the mutant gene, then learn exactly how it affects the rest of the genome. ('Genome' describes the 46 chromosomes present in humans.) Then we can learn how to intervene," he says.

Pelzer describes his research as "labor intensive." Therefore, he is very pleased to have three students, Vivek Gupta, Nancy Martin and Karen Ross, assisting him in his research lab. Initially, he says, the trio volunteered. Now, with the aid of a mini-grant from Michigan’s Research Excellence Fund, Pelzer is able to better support his lab work.

Gupta and Martin are enrolled in a pre-medical program, while Ross, a teacher at Nouvel High School, is an M.A.T. candidate. They treat tissue samples with enzymes, then run them through an electrophoresis process to separate the DNA fragments for study. The DNA samples eventually are recorded on plates called "autorads" for visual examination.

"We have seen major advancements at the basic science level (in cancer research) in the last five years or so," Pelzer says.
The old saw, "Jack of all trades, master of none," is only half true when applied to Tim Inman.

Inman has skills in a variety of areas and a streak of perfectionism that makes him strive to master them all. Diverse capabilities have led to several positions during his nine years at SVSU.

Initially, Inman was hired as Media Coordinator in 1984—even though he had applied for a different position. When he spotted a classified ad for a position as Publications Designer, Inman felt his Delta College associate's degree in design and his experience in the field might land him the job.

While that position eventually was filled by another candidate, the credentials in Inman's portfolio were impressive enough to gain him an interview for the second opening.

"It is fortunate that when I needed a job the ad was in the paper," Inman says. "It was a job I thought I could do and I applied for it. Now it seems like a lucky circumstance. I feel fortunate to be here."

After two years as Media Coordinator, Inman took over duties on a new typesetting system and his title changed to Copy Editor/Typographer. During that same period he also served two seasons as an assistant coach in SVSU's basketball program.

In 1990 Inman moved to the next stage of his SVSU career when he was named Publications Production Manager. In that capacity, he not only provided such services as setting type, but monitored the entire production process from the time that a request is placed until the job is sent to the Graphics Center or an off campus site for printing.

Inman notes that the number of print requests have increased dramatically in the past few years, climbing from 336 in 1990-91 to 790 during the current year.

Inman became assistant director of the department in 1991. He also assumed major responsibility for supervising in-house photography operations and frequently handles shooting assignments himself.

While at one point Inman's interest in basketball drove him to consider coaching as a career, it is an interest he has gradually put aside. In addition to coaching, he also served for a year as an assistant coach at Delta and for nearly five years assisted with the Buena Vista High School program.

"The nice thing about coaching there was being in a situation where it was not in competition with my full-time job," he says.

"Because I was working in a program where it was all minorities, it gave me a unique perspective. That has helped me in my role on SVSU's Cultural Diversity Team."

Inman has attained educational goals since joining the SVSU staff. "I probably represent a lot of people who live in the area and did not plan to go away to school. The bachelor's degree and my job kind of went hand in hand. That goal came after I started working here."

Presently Inman is enrolled in SVSU's M.B.A. program and hopes to complete that degree over the next several years.

The thing that aggravates him most is "making a mistake that doesn't get caught in proofreading and gets printed. That motivates me to work harder to see it doesn't happen again. It is difficult not to become complacent, because you don't realize when it is happening."