

# the INTERIOR

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## BOARD ENDORSES NEW MASTER PLAN

Following discussions extending over the past year, the long-range campus master plan for SVSC was endorsed by the Board of Control at its Monday meeting and will now be submitted to the legislative Joint Capital Outlay Committee in Lansing for acceptance. Representing the architectural firm of Rossetti Associates, Jerry Gingrich said that the goal of the six-phase plan is visual cohesiveness.

According to him, the main problem for his firm has been the scattered nature of SVSC's facilities and the lack of physical ties between them. Thus more direct walkways and completion of the loop road will be integral parts of the plan.

"There is obviously a need for more classroom and office space as well as recreational facilities. Just about every program is short on space at Saginaw Valley," Gingrich noted. Because the whole site lacks definition as a campus area itself, the need to add additional landscape buffers such as trees and burns was pointed out, along with significant image building elements of signage and landscaping.

"Cohesion is the key word...a complete well-tied together campus that visually presents an image of being linked together. This plan establishes the direction, but in the future, flexibility will be required as building projects are undertaken," he noted.

Dominant in the plan is a corridor system called a "circulation spine" to connect campus buildings and have parking immediately adjacent to the areas served.

"The pedestrian circulation system we envision will establish a relationship

between the campus buildings and how they're expressed, with flexibility, expandability and cohesiveness emphasized," Gingrich said.

Phase one, including the library, classroom/office and laboratory buildings will be the most important part of the plan, as the rest is merely a reinforcement. President Jack M. Ryder later noted that the Bureau of Budget and Management is presently finalizing its recommendations on Instructional Facility No. 2, with the hope that they might make their recommendation to the Joint Capital Outlay Committee sometime next month. Total cost for the project is now estimated at \$15.6 million, including the \$1 million Wickes Library gift. The Joint Capital Outlay Committee has already approved \$9.7 million for the project, with funding expected from the state's new bonding program.

Phase two would include a 1,000-seat auditorium, fine arts center, and additional parking, while phase three would add indoor physical education facilities including a fieldhouse with indoor track, swimming pool and locker facilities usable from inside or out. A campus center for continuing education but also including student activities and recreation would also be part of phase three.

Additional residential facilities would be added in phase four along with a non-denominational chapel and phase five would be an addition to Pioneer Hall. Phase six is estimated to be 10-15 years away but would include Instructional Facility No. 3 and completion of the "direct loop tie" for pedestrian circulation all the way around campus.

The proposed heating and cooling plant has been moved on the new plan to a site north of its original location and the master utilities system for the campus would work parallel with the master corridor system above it. The Bureau of

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Facilities has already examined the plan and its suggestions and criticisms were incorporated in the bound copies of the plan given to Board members.

In other action, ratification was given to a revision of the College bylaws to incorporate provisions of the new Open Meetings Act. Tenure was granted to Drs. Thomas Hearn, Lynn Herkstroeter, Robert Meadows, Walter Rathkamp, and Harriet Tillock through a resolution adopted by the Board. In addition, a sabbatical leave was granted to Ms. Diana Dowling for fall semester 1978, to Ms. Kay Harley for fall/winter 1978-79, and to Drs. David Barker and William Hoffmann for winter 1979. A leave of absence without pay was also granted to Hearn for the period of July 1, 1978 through June 30, 1979. The Board also agreed to authorize up to \$65,000 from the Endowment Fund to be used for the purchase of computer disk drives and related equipment, which will be leased to the General Fund at an annual rate of 8% interest with amortization of the cost over a five-year period. Caution was expressed by Board Chairman Charles B. Curtiss that the Endowment Fund not be used as a continuing source of loans for general College purposes and that not more than about 30% of the fund be invested in College loans. It was also decided to spend up to \$7,000 from the sale of the College radio station for minor repairs and remodeling of the Theatre, to add a projection booth.

Karen Harper of the Social Work Department reported that there are now 130 social work majors, representing a 32% increase over last year, with two full-time and three part-time faculty members in the department. She told of significant changes, including major curriculum revisions, in the department, which is planning six new courses for next year. Departmental objectives include obtaining accreditation from the Council on Social Work Education for a Bachelor of Social Work degree. At present, only about 172 accredited colleges offer a BSW degree across the country. Harper reported that some 1200 books copyrighted since 1970

have recently been purchased on social work for the library and that a self study project is beginning for evaluation of internal programs. For the next year the department hopes to add an additional faculty person, develop a departmental advisory council, increase affiliations with professional tri-county social agencies and make major curriculum revisions, to continue upgrading course offerings for students.

President Ryder reported that 11 Argentine educators will be coming to campus next Monday, with their activities to be coordinated through SVSC until June 5 when they will return to Washington for debriefing. During the first two weeks, they will study English as a foreign language here under the tutelage of Dr. Ricardo Pastor. In all, 37 Argentines are coming to the United States, with all costs born by the Argentine government.

The president reported that Governor Milliken's proposed 8.5% increase in state aid for SVSC is insufficient to meet the needs of this institution and again puts us in the position of raising questions about our operations, including whether we should increase fees again. "We'll do all we can to continue working with our legislators, who have given us excellent cooperation, and strive to increase the level of appropriation from the state. We'll be meeting with the legislature again in March to review our situation," Ryder noted.

"Because we haven't had adequate facilities and have had to lease and purchase space with some General Fund money, this has reduced our operating funds. If our space needs had been met by the state, we would not be operating under our present limitation. Once the Senate acts, we'll have a good fix on where we stand and we expect a relatively early finish in Lansing because this is an election year," Ryder said. Important action at the federal level was also noted, through President Carter's recent recommendation that middle income students be supported through an increase of the income level

allowed for students to qualify for BEOG grants. A proposal from Governor Milliken that \$13.7 million be added to existing state support of private colleges was also discussed. The plan would appropriate about \$500 per student to private institutions, but comes at a time considered "5-10 years too late" by Board members, who felt that such action should have taken place when there was an enrollment crunch in public institutions.

#### GM FOUNDATION CONTRIBUTES \$150,000 TO PIONEER HALL

The General Motors Foundation contributed \$150,000 to SVSC's new engineering and technology building, Pioneer Hall.

Announcement of the donation came last Tuesday from Thomas R. Wiltse, General Manager, Central Foundry Division, and William F. Charrey, Plant Manager, Chevrolet Motor Division, and chairmen of the GM Plant City Committees in Bay City and Saginaw.

The Foundation decision followed recommendations for support from the GM Plant City Committees of both Saginaw and Bay City.

"General Motors has a continuing need for engineers and technicians," Wiltse said. "And we are pleased that the General Motors Foundation has decided to help support the engineering and technology program at Saginaw Valley State College with a contribution to Pioneer Hall."

SVSC President Jack M. Ryder said he was "elated" by news of the gift. "We are very happy that General Motors sees us as a potential source for future engineers and technicians and that they have agreed to support our building project. With the GM donation, we have now raised all of the \$2.7 million needed to construct Pioneer Hall from private sources within the tri-cities area. Their gift brings to fruition our four-year effort to add the facilities and equipment needed for our engineering technology program," he said.

The new 44,075 square-foot building opened to some classes this month, while laboratories and other facilities are being completed and equipped for use this summer and fall.

Pioneer Hall contains classrooms in electrical, mechanical and industrial technology and supervision, as well as construction technology, environmental studies and applied science-engineering technology. The building includes nine laboratories which will make individualized instruction possible. There are also two lecture halls and fourteen classrooms.

Saginaw Valley's enrollment in engineering and technology programs has grown from 30 in 1973 to 140 this year. Enrollments are expected to rise to 260 when Pioneer Hall is completed.

As part of the building design, students will be able to monitor all heating and cooling activities. Pioneer Hall has also been designed with maximum flexibility in mind. The walls inside the building can be changed without altering the overall structure.

#### MEETING WITH DELTA IS THIS FRIDAY

Delta College President Donald Carlyon will meet with all SVSC faculty and staff personnel in the Lower Level of Doan Center this Friday, February 17, beginning at 12:30 P.M. Following his talk, Carlyon will answer questions concerning the upcoming Delta College millage vote.

From 2-4 P.M., members of the Delta faculty and staff will come to Doan Center for a combined meeting and reception. An opportunity will be provided to discuss mutual concerns while getting to know your counterparts better. If possible, student employees should be used to man telephones and provide staffing in student contact areas during the session.

#### LIVE COMEDY PLAY HERE THIS WEEK

Performances of "You Know I Can't Hear You While The Water's Running" are slated

on campus for Thursday, Friday and Saturday, February 16-18. On Thursday night, a cafeteria buffet meal will be served to students and the general public in Doan Center at 5:30 P.M. Price of \$3.00 includes the dinner and 7:00 P.M. performance of the play in the Lower Level of Doan. Admission is free for students on the pre-paid meal plan.

On Friday, February 17, Senior Citizens' Night at 8:00 P.M. in the College Theatre will give persons over 60 a chance to view the play for just 50¢. All seats for that performance will be reserved on a first come, first served basis, with reservations available from the Campus Activities Office at Ext. 277.

On Saturday, February 18, the SVSC Women's Club is sponsoring a special gourmet treat for members and their spouses. Chef John Curry will serve a roast beef buffet dinner at 6:15 P.M. in Doan Center's Lower Level at a break-even ticket price of \$7.50 per person. This cost will also cover admission to the 8:00 performance of the play in the College Theatre. Members of the general public who wish only to view the play may do so for \$2.00 per person. Deadline for Saturday evening buffet reservations is this afternoon, through Ann Dickey, Ext. 379.

#### IS GREAT DAY COMING BY YEAR 2000?

The future may be shocking to some people, but to astrophysicist Stephen Rosen it is going to be exciting and fantastic.

He has developed a kind of future shock absorber entitled "Future Facts," a book forecasting all the good things that can be expected by the year 2000.

"Future Facts" provides a vivid glimpse at hundreds of imminent innovations, now on the drawing boards, that he feels will improve our lives once adopted by the general public.

Rosen will be at SVSC on Thursday, February 23, at 8:00 P.M. in the College Theatre for a free appearance where he will describe positive uses of the future.

Rosen and thirty assistants have researched recent data on inventions and developments in science and medicine, power and energy, transportation, behavior in society, education, communication, and information, business, entertainment and environment to come up with his view of the future.

"The only thing that frightens me about the future is growing old and dying," says Rosen, whose fears may be somewhat lessened by developments in medical science to extend life expectancy.

According to him, medicine will develop ways of creating artificial life, growing new limbs, manufacturing synthetic blood in a nuclear-powered heart, diagnosing by computer, controlling obesity by new drugs or electrical brain stimulation, relieving pain with electricity, curing cancer and even the common cold.

Rosen believes that low voltage direct current will one day cure our pain, wherever it is. He predicts that "psychoactive" drugs implanted in mental patients will enable them to live normal lives and that synthetic skin will heal our burns quickly. Future broken bones will mend in a gossamer-like cast of fiber glass that can be scrubbed in the bathtub along with the rest of you. Rosen believes a future "tubecraft" will whisk you from Los Angeles to New York in 21 minutes. It will be below ground, shooting through an airless tunnel at 14,000 mph. Personal rapid transit will move people around town in driverless cars, electrically powered from a third rail.

Rosen, 43, says that "future shock is a myth and the world about us is not changing any faster than it ever did but probably more slowly. Recent innovations take longer than those of the past," he contends. Antibiotics, for instance, were 30 years from conception to realization. The heart pacemaker was 32 years in development.

The appearance by Rosen is being sponsored by SVSC's Academy of Applied Philosophy.

Tickets will not be required and additional information may be obtained by contacting Dr. Henry Okleshen at Ext. 374.

#### COLLOQUIUM SERIES CONTINUING THIS WEEK

Assistant Professor of Psychology Joy Hargrove will be featured speaker at the Thursday, February 16, faculty colloquium series at 12:30 P.M. in the large private dining room, Doan Center. Her presentation will follow a 12:00 noon luncheon for which reservations can be made with Larry Kickham, Ext. 353. It is also possible to go through the cafeteria line or bring your own lunch.

"Computer Graphics" will be the topic at this Friday, February 17's, science colloquium in Room 217, Wickes Hall. An invited speaker to be arranged by the Mathematics Department will lecture from 1:30 to 2:30 P.M., following refreshments at 1:00.

#### CAMPUS NOTES

-- Three faculty members and a group of senior physics students traveled to Wayne State University last Friday, February 10, to visit research facilities there and study current research programs. The group was led by Dr. Hsuan Chen, Associate Professor of Physics.

-- Dr. S. K. (Tom) Yun, Associate Professor of Physics, presented a paper entitled "Unified SU(6) Gage Theory of the Strong, Weak and Electromagnetic Interactions" at the recent annual meeting of the American Physical Society in San Francisco. The paper will shortly be published in the Physical Review. The theory further unifies Weinber-Salam's unified theory of weak and electromagnetic interactions with strong interaction and the basic idea was conceived while Yun visited Harvard University as an honorary research associate in summer 1976. The theory attempts to unify the three theories governing the three fundamental forces in nature and assumes that there are eight tri-colored fractionally-charged quarks and eight leptons. The theory predicts masses of the fifth and

sixth quarks and relations among the other particles participating in the various forces.

-- Dr. Brian G. Chow, Associate Professor of Physics, has been invited to join the Pan Heuristics Division of Science Applications, Inc. as an independent consultant. SAI is a research consulting firm which employs 1400 scientists. The Pan Heuristics Division specializes in foreign and domestic governmental policies in such areas as nuclear proliferation, defense procurement, alliance policy, arms control and strategic doctrine. Their most recent work on plutonium reprocessing and nuclear nonproliferation have had significant influence in shaping President Carter's nuclear energy policy. Chow met with members of the Pan Heuristics group in Los Angeles last week and was asked to develop a mathematical model for the investigation of degree of energy dependents for any nation in the event of mass breeder deployment. He will also offer advice on the technical and economic issues related to breeders and advanced alternatives nuclear systems.

-- Dr. Russell T. Gingras, Associate Professor of Accounting, will present a paper at the empirical research session of the American Accounting Association's midwestern regional meeting on April 7 at the Palmer House, Chicago. The title of his paper is "An Empirical Evaluation of the Stock Price Reaction to Errors In Management Forecasts of Earnings Per Share."

-- Dr. Henry M. Okleshen, Assistant Professor of Finance, will be the discussant for a paper entitled "Investment Activities of Individual Savings and Loan Associations" during the Midwest Finance Association annual meeting in Chicago, at the Palmer House Hotel on April 7. Dr. Okleshen will be participating in a session on "Savings and Loans". His doctoral dissertation dealt with this specific area of financial institutions and is titled "Inflation and the Hunt Commission Recommendations: The Impact on Deposit Thrift Institutions."

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