

the Interior

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Scientists, Educators, Media to Study Knowledge Transfer

Space satellites and earth-based research systems have accumulated trillions of pieces of information in recent years, experts say. And that's just the beginning, as governments around the world encourage more scientific and space research.

How to assemble all this information in easily accessible locations and form, and what to do with the data when it is readily available, have been topics of over a year of discussions by the Consortium for International Earth Science Information Network (CIESIN). The organization, comprised of SVSU, the University of Michigan and Environmental Research Institute of Michigan, is planning a two-day "Knowledge Transfer Symposium" at Arbury Fine Arts Center Wednesday and Thursday, Oct. 17-18.

Invitations have been extended to some 60 local, state and national experts from education, the media and the public sector to participate in the brainstorming session. The guest list is widely dispersed both geographically and professionally.

A common goal is identifying ways to bring concepts discovered through research to the people. Information about global change and its implications for action form a core of the knowledge the symposium participants want to be able to communicate.

While the educators will be primarily concerned with incorporating space-acquired data into classroom curriculum, media experts will discuss how to relay research knowledge outside of the school setting. The third group of participants represent individuals involved in making or influencing public policy decisions.

U.S. Rep. Bob Traxler, Bay City Democrat, will address the opening general session of the symposium. Traxler chairs the House Subcommittee on VA, HUD and Independent Agencies (NASA, EPA and other agencies).

Former astronaut Jack R. Lousma, president of the consortium, will present an overview of CIESIN to general session participants before they break into small groups for the study sessions.

According to Dr. Robert S.P. Yien, vice president for academic affairs and chairman of CIESIN's executive board, the October symposium is one of a series of meetings the consortium has conducted since its inception in February 1990. In July 140 scientists gathered near Washington, D.C. to discuss various environmental concerns. In April 18 scientists, researchers and others assembled at the University of Michigan to discuss global change. Other meetings have taken place at various sites.

The SVSU symposium is the third major roundtable, Yien said. Panelists will discuss the translation of knowledge to understandable format, methods of transfer and assessment measures for judging effectiveness of efforts to transmit the information to a broad range of people.

The consortium's work is funded by a \$3.9 million National Aeronautics and Space Administration grant. CIESIN continues to study ways of establishing an international clearinghouse for research about such global changes as acid rain and global warming. Scientists, social scientists and experts in public policy are involved in the long-term effort.

SVSU will hold its first fall semester Commencement ceremony on Friday, Dec. 14. The event will honor those students who receive December degrees and elect to participate in the fall ceremony. Approximately 300 students will complete degree requirements this fall. Details of the December program will be announced.

New Campus Directional Signs to be Installed

A comprehensive system of campus signage is one step closer to completion with the selection of Earl Daup Signs of Flint as contractor. Unless there are unforeseen delays, the signs will be in place by the close of fall semester, said Jerry A. Woodcock, vice president for administration and business affairs.

Woodcock said the directional signs will be installed at most campus intersections. "For the most part, signs will direct visitors to buildings, not departments," he said.

Two campus entrances, where College Drive connects with Bay Rd. on the west and Davis on the east, will receive special treatment, Woodcock said. Signs at turnouts there will feature a campus map. The Bay-College area sign will incorporate an events board as well.

A post and panel design with slots for installing building names or other information was selected for its flexibility, Woodcock said. "The signs can be easily modified to reflect changes on campus."

Woodcock anticipates state funding will cover the cost of the signs. When installed, they will eliminate the need for temporary signs for events, he said. Campus visitors should be directed to buildings rather than events, and the system will facilitate locating the buildings. Building nameplates were installed last month.

Design work is underway on a replacement for the main entrance sign at Bay and College roads, Woodcock said. Construction will take place either this fall or next spring. "We also are looking into a computerized message sign," he said. "If this is feasible, it will replace the Cardinal sign (at Bay and Pierce)."

Annual Fund Drive Underway

The SVSU Foundation has kicked off its 13th annual fund drive with an impressive goal: organizers hope to raise \$200,000 to be used for student scholarships and other programs, such as library books, faculty research and academic equipment. The goal is 11 percent over last year's total of \$180,000 raised through about 1,200 donors. More than 40 students received private scholarships from the fund last year.

Mailings have gone to some 2,000 area residents, and SVSU's faculty and staff also are asked to invest in the future of the University and the state. According to Norma Gase Zivich, coordinator of annual funds, donors may designate specific uses for their gifts. Unrestricted funds are used in the areas of greatest need. For more information, contact Zivich at ext. 4075.

Hinderer, Hargett to Present Concert

Dr. Drew Hinderer, professor of philosophy, and Linda Hargett, adjunct faculty, are scheduled to perform in concert at 3 p.m. Sunday, Oct. 14, in the Founder's Room of the Midland Center for the Arts.

Hinderer and Hargett are the principal bassoon and clarinet, respectively, for the Midland Symphony Orchestra and the Valley Wind Quintet. Their recital will include music by Telemann, Saint-Saens, Poulenc and Mendelssohn. The event is sponsored by the Midland Symphony. Admission, payable at the door, is \$2 for adults and \$1 for senior citizens and children.

Flu Shots Available

Influenza vaccine is available now at a cost of \$6 through SVSU Health Services, 267 Wickes Hall. For more information about this preventative measure, call ext. 4271.

ENVIRONMENTAL ISSUES COMMITTEE NAMED

President Eric Gilbertson has appointed a committee to advise the administration and campus community on environmental issues. "The University wants to be an exemplary corporate citizen with respect to responsible behavior and environmental protection issues," he said. "As an educational institution we should provide people in the University community with information and incentives to behave responsibly for the preservation and improvement of our natural resources." The committee, which will meet monthly or more frequently if needed, is chaired by Vice President for Administration and Business Affairs Jerry A. Woodcock.

Committee members are: David Sheppard, Karen Spem and Iain Wilkie, students; Don Bachand, Jennifer Bridges, Eldon Graham and Gail Kantak, faculty; and Claudia Anderson, Diana Guterrez, Melissa Ruterbusch, Frank Snyder and Norma Zivich, administrative/professional staff.

University Launches Paper Recycling Effort

SVSU is joining other environmentally-concerned individuals and organizations in finding ways to reduce the amount of solid waste contributed to landfills. A new program for recycling certain types of office paper will be implemented in the near future, according to Jerry A. Woodcock, vice president for administration and business affairs.

"We are starting with computer paper and office-grade paper," Woodcock said.

Woodcock and members of his staff have been working out details of the plan, which he expects to be implemented before the end of fall semester. As a beginning step, they met with two companies in the Tri-Cities area "who are in the business of handling these types of products," he said.

Each company submitted a proposal for review, and Brady Paper Recycling of Bay City was selected for the SVSU project.

A four-step logistical plan, which is being fine-tuned, calls for each office to have a deposit area for qualifying paper products — computer print-outs, bond paper, letterheads, etc. Woodcock said free boxes are available from Graphics Center on a first-come, first-served basis. Another alternative is waste baskets ordered through Central Stores, he said.

Whenever the office collection box is filled, it can be emptied at a building collection site. From there, Physical Plant staff will centralize the recyclable materials into three or four pick-up locations around campus. Brady personnel periodically will transport the accumulated paper to their recycling facility.

"We are asking people to separate paper in their office environment," Woodcock said. "If this is going to be successful, people must cooperate." Woodcock hopes others share his view that "this is the right thing to do environmentally." He notes there is a charge to the University if materials are improperly sorted.

The long-term success of the program also hinges on cost effectiveness, he said. If the volume of reclaimed paper is sufficient, there will be a cost savings on the trash removal service purchased by the University.

Specific locations of building collection centers will be announced in the near future, along with the starting date of the project. Eventually Woodcock hopes campus recycling efforts will include glass, metal and other materials.

"Children's Hour" to Benefit SVSU Students

"Students who are parents really need to manage their time carefully," observes Diane Brimmer, director of campus activities and orientation. She points to the rigorous schedules these students face as they juggle the responsibilities of parenthood with classes, study and perhaps work.

To make life a little easier for the large number of "non-traditional" (over age 25) students/parents who attend SVSU, Brimmer and her staff are organizing a "Children's Hour." Beginning Saturday, Oct. 13, parents can drop their children at the SVSU Children's Center on Davis Road from 10 a.m. until noon.

While mom or dad study at the library or take care of necessary duties, their children will be supervised by SVSU students.

"The kids will be cared for in a very positive way," Brimmer notes. Activities will vary, but may include puppet shows, stories, craft-making sessions, free play and group activities. "Children attending the program will have the opportunity to interact with others their own age and will be spending Saturday mornings in educational, constructive ways," Brimmer explains.

Brimmer is initiating the Children's Hour because about half of SVSU's student population is returning adults and because state and national studies indicate such students are interested in programs that involve their families, she says. "The Children's Hour will provide students with free time needed to study, run errands or rest from the pressures of managing multiple roles."

The Saturday morning series will continue through Dec. 15, with the exception of Thanksgiving weekend, Nov. 24. There is no fee for SVSU students, faculty and staff and no advance sign-up is required. For more information, contact the Office of Campus Activities and Orientation at ext. 4170.

Reception

The Office of International Programs invites the campus community to a 4-6 p.m. reception today on Arbury Terrace. Welcome the 38 international students attending SVSU this fall and greet exchange faculty. In case of inclement weather, the event will be held in Doan Center.

Who's Who nominations are due to the Office of the Dean of Student Affairs by Friday, Oct. 26. Eligibility criteria for this student honor include: GPA of 2.5 or better; junior, senior or graduate status; curricular/extracurricular achievement. For more information, call ext. 4294.

Briefly Speaking

— **The Humanities Lecture Series** continues at 7:30 p.m. Oct. 9 in the Ruben Daniels Lifelong Learning Center. Jean Beach will discuss "The History of Art in the Saginaw Valley." The next session will be presented by John Picard on Oct. 16. Call ext. 4267 for details.

— **Leadership One-Shots** features Cindy Staley on "Planning Successful Events" from 5:15 to 6 p.m. Tues., Oct. 9 in the Alumni Lounge.

— **The University Art Gallery** features the ninth annual Alma College Statewide Print Competition exhibition through Oct. 26. Open hours are 1-5 p.m. Monday, Tuesday, Thursday and Sunday and 9-11 a.m. Tues. and Thurs.

— **The Saginaw Valley Entrepreneurs Club** will conduct its monthly meeting beginning at 6 p.m. Wednesday, Oct. 10 in lower level Doan Center. Call ext. 4048 for details.

— **Campus Recreation** is sponsoring an archery tournament at 10 a.m. and a tennis tournament at noon, both on Sat., Oct. 13. On Sunday, Oct. 14, the Ryder Center pool will open for "Movie Night" at 8 p.m. An All-Campus "Lock-In" is scheduled for 8 p.m. to 8 a.m., beginning Friday, Oct. 19. Call Leonard Adams at ext. 7321 for more information.

— **Volunteer Services** is sponsoring a pre-Halloween candy sales from 9 a.m. to 6 p.m. Wednesday, Oct. 17 in the Brown Concourse.

— **The Valley Film Society** presents *Ninotchka* starting at 8 p.m. Friday, Oct. 19 in the SVSU Theatre. Call ext. 4015 for information.

High Five

— NCAA Division II No. 13-ranked Ashland University spoiled SVSU's Homecoming with a 40-21 victory. The Cardinals have lost 11 of 16 Homecoming games, including their last four. Freshman Brett Mullins was a bright spot with 135 yards rushing and a touchdown against the nation's top defensive unit. The Cards are 2-4 overall and 2-4 in the MIFC.

The **cross country** squads had strong performances at the Chicago Lakeshore Invitational Saturday. The men finished eighth among 26 teams, led by junior captain Todd Graham's 23rd-place finish. Sophomore Becky Duda finished fourth to lead the Lady Cardinals to a 12th-place finish among 26 teams.

SVSU dropped a **tennis** match at Grand Valley State Sunday by an 8-1 score and now has a 1-4 overall record and 1-3 GLIAC mark.

The Lady Cardinal **volleyball** team snapped a five-game losing streak with a 3-1 win over Hillsdale last Tuesday. SVSU is now 5-8 overall and 2-5 in the GLIAC.



HOMECOMING ROYALTY

Matt Hufnagel and Tori Marx were crowned king and queen during halftime ceremonies at SVSU's 1990 Homecoming Game. The game, played in Arthur Hill High School's Memorial Stadium in balmy, 80° temperature, attracted a sizable crowd of students, alumni and friends of SVSU.

Marx, a Port Huron senior, is majoring in political science. She is a member of Student Government and the National Honor Society and is a Residential Life Scholar. Hufnagel's major is marketing. He is a resident assistant in the University's residence halls and a member of the All-University Judiciary Committee. Hufnagel also is a Residential Life Scholar. He is a junior from Fowler.

BOARD REPORT



A Report of the
Saginaw Valley State University
Board of Control

October 8, 1990

While there were no action items on the agenda for the Board's October meeting, members received several reports on University activities.

October Staff Member of the Month Robert W. Wolfgram was introduced by Frank G. Snyder, director of plant services. His exemplary work record was cited as a primary reason for his selection.

Dr. David Nelson, dean of education, was joined by several faculty to present updates on developments in four areas of activity within the College of Education. They reported on the status of the undergraduate education programs, progress toward NCATE accreditation, developments in special education programs, and initiatives by the Greater Saginaw Valley Regional Education Cooperative and its Center for Professional Development.

Dr. Stephen Barbus, assistant professor of teacher education, explained that enrollment in SVSU's undergraduate education programs is limited to 150 students per year. The admissions are divided between fall and winter semesters and between elementary and secondary education. Before applying for admission, students must complete all basic skills requirements, the Pre-Professional Skills Test and attain a 2.75 cumulative grade point average, he said. Admission requires successful completion of TE 100 or ED 201, PSYC 100 and 61 credits or more with a C or better average. Secondary education applicants must have completed 15 credits toward their major and nine toward their minor. Candidates also are interviewed before selection committee screening begins.

Barbus said points are assigned for all admission criteria, with extra points awarded for areas where teacher shortages exist. Approximately 60 percent of the education students

major in elementary education, with the remaining 40 percent enrolled in some 14 categories within secondary education, Nelson said. He said one of the strengths of SVSU's teacher training programs is the early field experience students receive.

Progress toward NCATE accreditation was outlined by Dr. Ervin Sparapani, associate professor of teacher education. The first step toward seeking the specialized recognition began with meeting 10 "preconditions" set by North Central. This process occurred from winter semester 1988 through summer semester 1989. Overlapping this was the "discrepancy analysis" stage, which began fall 1988 and concluded winter 1989.

Next, the college engaged in preparation of a self-study. That process, begun during fall 1989, will conclude in August of 1991. The final step is a site visit, which Sparapani expects to be set for October of 1991. Notification regarding the outcome entails four steps and generally takes about six months following the site visit, he said.

Sparapani said one result of the process has been a great deal of interaction between the College of Education and other academic units on campus, which has created greater understanding among all involved. One of the chief benefits of specialized accreditations is "the questions they force us to ask ourselves," noted President Eric Gilbertson.

Barbus informed the Board that SVSU has received approval of two endorsement programs in special education for certified teachers. (See pg. 1 of Oct. 2 *Interior* for details.) He indicated that an undergraduate teacher preparation program with a special education major will be proposed internally.

Dr. Ralph Coppola, director of sponsored programs and executive director of GSVREC,

explained the consortium and summarized some of its activities during the past year. He outlined the group's organizational structure and noted that some 49 volunteers are serving on various advisory boards to the five sub-sections of GSVREC.

Coppola distributed handwarmers to demonstrate some of the "hands-on" activities and materials being developed through the Regional Math-Science Center. Low cost and availability are key factors in selecting materials and activities to be used by area elementary schools, he said, as many do not have laboratories and supply budgets generally are limited.

Dr. Elaine Stephens, professor of teacher education and director of the Center for Professional Development, briefly outlined some of the organization's activities. She said the strategy of combining resources of area school districts, ISDs and colleges and universities had enabled them to offer activities that would have been impossible for any individual school. The school improvement workshop for teacher/administrator teams conducted in June in Clare was an example of that effort. Recently GSVREC has hired a school improvement specialist, Richard Dalzell, to assist schools in implementing improvement plans.

"There is no way that a regional university impacts the region more dramatically than through teacher education," said President Gilbertson. He noted that one of every three teachers in this region has earned either an undergraduate or advanced degree from SVSU, and that half of area teachers have taken at least one class here.

Registrar Paul Saft distributed sheets showing the make-up of fall semester enrollments and comparing figures in several categories with 1989 totals. (See insert). Records were established in total enrollment, average credit load per student, and enrollment from Saginaw, Midland and Tuscola counties, he said.

Dr. Robert S.P. Yien, vice president for academic affairs, informed Board members that SVSU would be hosting a Knowledge Transfer Symposium on October 17 and 18. (See article on pg. 1.) He said that GSVREC's outreach programs, particularly the Greater Saginaw Valley Regional Telecommunications Network, make SVSU an ideal location for the conference.

Board members also received a printed report listing faculty and staff hired in August and September.

After concluding the information and discussion section of the agenda, the Board recessed to executive session to discuss personnel matters.

Note: This is an unofficial report of Board activities. Official minutes are on file in the library.

Saginaw Valley State University
Office of the Registrar

October 8, 1990
Fall 1990 - Official

Fall Semester Enrollment Comparisons

	FALL 1989 Number (% total)	FALL 1990 Number (% total)	CHANGE Number	%
Students	5,915	6,212	+ 297	+ 5.0%
Credit Hours	56,615	59,647	+3,032	+ 5.4%
Average Load	9.57 credits	9.60 credits	+ .03	+ .3%
Men	2,334 (39.5%)	2,460 (39.6%)	+ 126	+ 5.4%
Women	3,581 (60.5%)	3,752 (60.4%)	+ 171	+ 4.8%
Full-Time Equiv.	3,703	3,900	+ 197	+ 5.3%
On-Campus only	5,463 (92.3%)	5,745 (92.5%)	+ 282	+ 5.2%
Off-Campus only	354 (6.0%)	350 (5.6%)	- 4	- 1.1%
Both On and Off	98 (1.7%)	117 (1.9%)	+ 19	+ 19.4%
Apartments	124 (2.1%)	121 (1.9%)	- 3	- 2.4%
Residence Halls	486 (8.2%)	486 (7.8%)	- -	- -
Commuters	5,305 (89.7%)	5,605 (90.2%)	+ 300	+ 5.7%
Age 25 & over	2,924 (49.4%)	2,916 (46.9%)	- 8	- .3%
Under age 25	2,991 (50.6%)	3,296 (53.1%)	+ 305	+ 10.2%
Native-Am.	35 (0.6%)	35 (0.6%)	- -	- -
Asian-Am.	35 (0.6%)	37 (0.6%)	+ 2	+ 5.7%
African-Am.	318 (5.6%)	329 (5.5%)	+ 11	+ 3.5%
Hispanic	168 (3.0%)	191 (3.2%)	+ 23	+ 13.7%
White	5,073 (90.1%)	5,425 (90.2%)	+ 352	+ 6.9%
Foreign	25	39	+ 14	+ 56.0%
Unknown	261	156	- 105	- 40.2%
Saginaw County	2,229 (37.7%)	2,374 (38.2%)	+ 145	+ 6.5%
Bay County	1,053 (17.8%)	1,117 (18.0%)	+ 64	+ 6.1%
Midland County	419 (7.1%)	460 (7.4%)	+ 41	+ 9.8%
Tuscola County	485 (8.2%)	531 (8.5%)	+ 46	+ 9.5%
Macomb County	286 (4.8%)	261 (4.2%)	- 25	- 8.7%
Oakland County	100 (1.7%)	104 (1.7%)	+ 4	+ 4.0%
Wayne County	108 (1.8%)	98 (1.6%)	- 10	- 9.3%
Other Michigan	1,197 (20.2%)	1,217 (19.6%)	+ 20	+ 1.7%
Other U.S.	13 (0.2%)	11 (0.2%)	- 2	- 15.4%
Foreign	25 (0.4%)	39 (0.6%)	+ 14	+ 56.0%

Sources: RP596, AP245, AF010, AF030, Residential Life

Saginaw Valley State University
Office of the Registrar

Board of Control
October 8, 1990

Fall 1990 Semester Student Enrollments

	Undergrad degree		Grad degree		Non-degree		All Students	
	#	%	#	%	#	%	#	%
STUDENTS	5,091		640		481		6,212	
CREDITS	54,740		2,670		2,237		59,647	
AVERAGE LOAD	10.75 cr.		4.17 cr.		4.65 cr.		9.60 cr.	
Men	2,118	41.6%	181	28.3%	161	33.5%	2,460	39.6%
Women	2,973	58.4%	459	71.7%	320	66.5%	3,752	60.4%
Age 25 +	2,153	42.3%	602	94.1%	161	33.5%	2,916	46.9%
Under age 25	2,938	57.7%	38	5.9%	320	66.5%	3,296	53.1%
Average age	27 years		36 years		34 years		28 years	

ETHNIC

Native-Am.	32	0.6%	2	0.3%	1	0.2%	35	0.6%
Asian-Am.	31	0.6%	4	0.7%	2	0.5%	37	0.6%
African-Am.	298	6.0%	16	2.6%	15	3.4%	329	5.5%
Hispanic	163	3.3%	10	1.6%	18	4.1%	191	3.2%
White	4,445	89.5%	580	94.8%	400	91.7%	5,425	90.2%
Foreign	21		6		12		39	
Unknown	101		22		33		156	

RESIDENCE - County, State, Country

Saginaw	1,973	38.8%	199	31.1%	202	42.0%	2,374	38.2%
Bay	932	18.3%	105	16.4%	80	16.6%	1,117	18.0%
Midland	357	7.0%	54	8.4%	49	10.2%	460	7.4%
Tuscola	467	9.2%	23	3.6%	41	8.5%	531	8.5%
Macomb	78	1.5%	161	25.2%	22	4.6%	261	4.2%
Oakland	74	1.5%	25	3.9%	5	1.0%	104	1.7%
Wayne	88	1.7%	4	0.6%	6	1.2%	98	1.6%
Other MI	1,090	21.4%	63	9.8%	64	13.3%	1,217	19.6%
Other U.S.	11	0.2%	0	0.0%	0	0.0%	11	0.2%
Foreign	21	0.4%	6	0.9%	12	2.5%	39	0.6%

STUDENT MAJORS BY COLLEGE

Arts-Behv Sci	1,265	27.7%	31	4.8%
Business	1,117	24.5%	163	25.5%
Education	914	20.0%	411	64.2%
Sci-Engr-Tech	838	18.4%		
Nursing-A.H.	432	9.5%	35	5.5%
Undeclared	525			

NON-DEGREE TYPE

236 Teacher Cert.
132 Post-Bac.
90 Guests
20 High Sch.
3 Auditors

OFF CAMPUS

	STUDENTS		CREDITS		AVERAGE LOAD
Cass City	159	34.0%	657	27.9%	4.13 cr.
Macomb ISD	231	49.5%	881	46.8%	3.81 cr.
Wurtsmith	54	11.6%	277	11.8%	5.13 cr.
Bay-Saginaw	23	4.9%	69	2.9%	3.00 cr.