

For Saginaw Valley State University employees. Published by the Office of Information Services. Call 790-4054 with news items.

December 6, 1988

CHEN NETS FIRST SVSU PATENT FOR HOLOGRAPHIC RESEARCH

Holographic images. Often the first thing that comes to mind is one's credit card and the pretty design that changes colors as the card is held to light.

That same term now can evoke images of pride and satisfaction in the SVSU community. Dr. H.S. "Frank" Chen recently was granted a patent for his efforts to create a camera to reproduce holographic images of animate objects -- such as people. In the past, producing accurate images of people was not possible because they could not remain still long enough for the lasers to transfer the image onto glass,

according to Chen. His new technology makes possible such laser imaging.

A laser image of Ricardo Pastor Jr. (son of Dr. Ricardo Pastor, professor of Spanish), on display in Chen's lab, is tangible proof of the camera's capability.

"I am excited about it," Chen said.

And so is the University.

"This is just another example of (Chen's) pioneering work," President Jack M. Ryder said. "This is the first SVSU patent; but it's not going to be the last."

A second project, also headed by Chen, now has a patent pending.

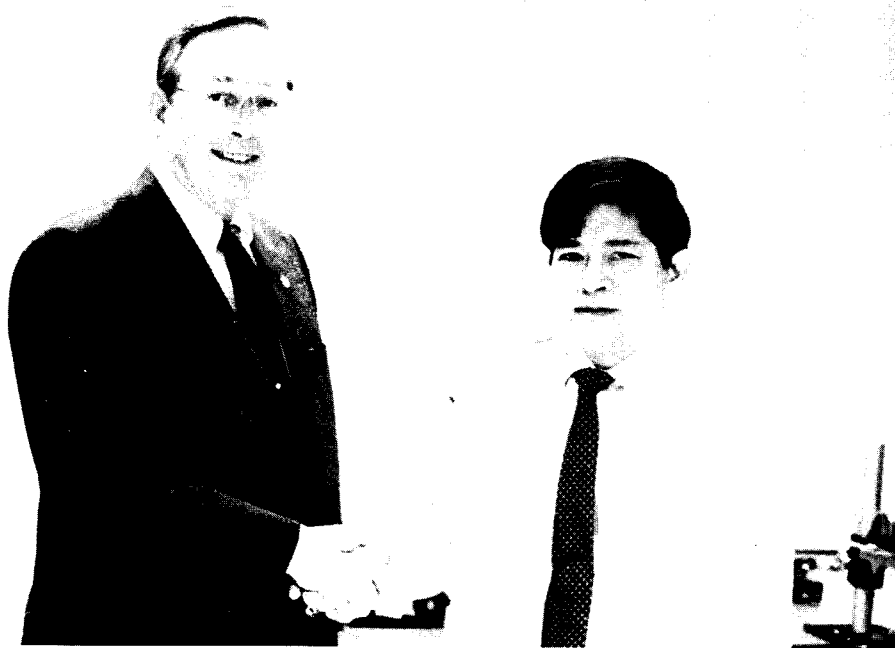
Partial funding for Chen's project came through the Michigan Research Excellence Fund. However, at the very base of the research, nearly 10 years ago the SVSU Foundation contributed more than \$5,200 to purchase a table Chen needed in his lab. The specially-designed table is suspended on air so there are no vibrations to affect his work.

"That table has been very critical to research in this area," Ryder said.

During the course of his research, Chen has worked with four different researchers from the People's Republic of China. In addition, a number of students have come through his door "green" and gone on to successful jobs. Included is Pastor, who now is affiliated with General Motors in Saginaw. Another student helped establish a lab at Penn State University and an optics company in Bay City before joining General Electric in Syracuse, New York, as an optics researcher.

Much of Chen's work (including the most recent project) has resulted in the publication of papers in a variety of scientific journals. In all, he said he has had over 40 papers published "with still a lot to write."

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CONGRATULATIONS -- President Jack M. Ryder congratulates Dr. H.S. "Frank" Chen on his recent acquisition of a patent.

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"He is highly respected in the nation among researchers in holography. His research is on the cutting edge of a relatively new and exciting field, which has great potential for early practical application. We are proud of his achievement," said Dr. Thomas E. Kullgren, dean of the College of Science, Engineering and Technology and interim director of BIDI.

Chen said the University has been especially supportive of

his research. He emphasized the assistance he received from BIDI and its former director, Dr. Len Herk, in the garnering of the patent.

AVOID THE RUSH!
PREPARE PRINTING ORDERS NOW!

Faculty are encouraged to plan early and prepare syllabi and other printed class materials before the end of the fall semester. Early planning will help ensure delivery of class materials in time for the winter semester.

For additional information, contact Graphics Center at extension 4278 or the Copy Center at extension 5658.

FACULTY/STAFF HOLIDAY
LUNCHEON SET FOR DEC. 9

Faculty and staff can still reserve a seat for the annual holiday luncheon at noon, Friday, Dec. 9. The menu includes chicken cordon bleu, salads, vegetables, fruit, dessert and many more delectable goodies. Cost is \$6.75 per person.

Space is limited, so call Kathy Nowaczyk, in the Office of the Vice President for Administration and Business Affairs, soon at extension 4032.

LIBRARY OFFERS LIMITED
TELEFACSIMILE USE

The Zahnow Library is now offering restricted access to telefacsimile transmissions through the library's fax machine. Because the machine is dedicated to library-related transmissions in conjunction with the Interlibrary Loan program, requests to send or receive documents must be made in advance. Priority will be given documents urgently needed or those which must be sent to meet a deadline.

There will be a \$5 fee for each document sent or received. Each document should be less than 10 pages long.

For additional information or a copy of the guidelines and fees, contact Anita Dey, reference/Interlibrary Loan librarian, at ext. 5634; or Julie Voelck, head of Public Services, at ext. 5635.



TIE ONE ON -- Anne Mahoney, coordinator of SafeHaven, ties a red ribbon on a state vehicle in support of Michigan law enforcement agencies' anti-drunk driving campaign. SafeHaven, with the Department of Public Safety, are asking campus personnel to "Tie One On" this holiday season. Law enforcement agencies are teaming with Mothers Against Drunk Driving (MADD) groups across the state to visually remind motorists to drive sober. The red ribbons are available from any campus police officer or any SafeHaven counselor.

CHRISTMAS HOLIDAY CLOSING

The campus will close for the holiday break beginning at 4:30 p.m., Thursday, Dec. 22. The campus will remain closed through Monday, Jan. 2 and will re-open for operations on Tuesday, Jan. 3.

Dec. 23, 26 and 30 and Jan. 2 are regularly scheduled paid holidays for employees. Additional paid personal days will be granted by the University to cover Dec. 27 and 28; Dec. 29 may be covered through the use of vacation leave, personal leave or unpaid leave time.

Any employees required to work on Dec. 27 and 28 because their offices will be open, will be granted additional personal time accordingly, to be taken at a later date.

DRIVING ENDORSEMENTS CHANGE

It recently was announced by the motor transport division of the state Department of Management and Budget that state employees operating vans with capacity of 15 or less people no longer need a Class III license endorsement. A valid Michigan operator or chauffeur license is all that is needed.

For additional information, contact Motor Pool at extension 4153.

PARTICIPANTS SOUGHT FOR 'HEALTH YOURSELF'

Health education can be fun as well as informative. "Health Yourself: 1989" is proof positive.

The fifth annual SVSU health fair promotes wellness through learning. Booths which require audience participation are the most well-received. The 1989 fair will take place from 11

a.m. to 5 p.m., Feb. 15 and 16 in the Brown Concourse.

Offices, classes and groups are encouraged to join in the fun and sponsor a booth.

To become part of the health fair, contact Gloria Hansen, ext. 4272, by Dec. 14.

BRIEFLY SPEAKING

-- A food drive to benefit those less fortunate during the holidays is being sponsored by the Residence Hall Association. All donations will be given to the Salvation Army for distribution. Non-perishable items may be taken to drop boxes on the second floor of Brown Hall by the Student Government Outpost, first floor Wickes Hall and Doan Center.

-- Begin the holiday season with a festive **Christmas celebration** Tuesday, Dec. 6. Festivities featuring music by the Valley Woodwind Quintet, the Children's Center Choir and other carolers will take place from 3:30 to 5 p.m. in the Student Lounge of the Zahn Library. Christmas treats and appetizers will be served.

-- BIDI will conduct a conference on **Form "R,"** concerning the release of toxic chemicals into the environment, from 8:30 a.m. to 3 p.m., Dec. 8 at the Frankenmuth Bavarian Inn. The seminar is aimed at all manufacturers that utilize any of 309 individual chemicals listed in the EPA's "List of Lists." To register, call extension 4048.

ACROSS CAMPUS

-- Health Services extends its gratitude to all members of the campus community who turned out for the Nov. 17

Blood Drive. A gold star (or is it a purple heart?) goes to the 27 people who donated blood for the first time. In addition, special recognition to the three people who received "Gallon Pins" for giving a total of one gallon of blood during an extended period.

-- The campus community extends its condolences to **Dr. Harriet Tillock**, professor of philosophy, on the recent death of her husband, Dr. Robert Tillock.

-- **Dr. Leslie Whittaker**, professor of English, is exercising and preparing to return next semester to the classroom following recent open heart surgery. Whittaker was released late last week from the University of Michigan Medical Center and is accepting calls at home. He reports his energy level is "great, the mind feels fresh and clear."

TRANSITIONS

The following personnel changes occurred during November. Please make the necessary alterations in your 1988-89 Faculty/Staff Directory:

New staff

-- **Mr. Ralph Musinski** (ext. 4080), hired as mechanic I in Physical Plant.

Departing staff

-- **Mrs. Virginia (Wright) Erguven**, formerly assistant director of Campus Dining Services.

-- **Ms. Elizabeth Hickey**, formerly senior accountant in the Office of the Controller.

LIBRARY HOLIDAY HOURS

The Zahnow Library will close at 4:30 p.m., Dec. 22 and remain closed until Tuesday, Jan. 3, in order to conform to the University's holiday closing.

LOST: COMMENCEMENT PROGRAMS

In order to maintain accurate and complete files of SVSU printed materials, the Office of Information Services is seeking Commencement programs from the following years: 1971, 1972, 1977, 1983 and 1984. Individuals who wish to donate these items should call extension 4039.

SNOW HOSTS AVAILABLE

Stranded motorists from outside the immediate vicinity of campus may want to take advantage of the "Snow Host" program offered through Campus Activities. The hosts reside on campus or within five miles of campus.

Lists of Snow Hosts are available at the Information Desk, the Evening Services Office, Residential Life and Public Safety. For more information, call Campus Activities at extension 4170.

PROFESSIONAL PROFILE

-- **Dr. Stephen Barbus**, assistant professor of education; **Dr. Susie Emond**, professor of education; and **Dr. Elaine Stephens**, associate professor of education, are providing a series of workshops for primary teachers in Bay City Public Schools. The theme of the monthly workshops is the "at-risk" reader. Specific topics were identified

following a needs assessment with teachers.

-- **Emond and Stephens** also are part of a series of three workshops for Saginaw County teachers sponsored by the Saginaw Area Reading Council and the Saginaw County Professional Development Policy Board. Emond and Stephens will model three teaching strategies for use in classrooms to 100 teachers during the next three months.

-- A book by **Dr. Anna Dadlez**, associate professor of Polish, has been accepted for publication by the East European Monographs, University of Colorado (distributed by Columbia University Press). Political and Social Issues in Poland as Reflected in the Polish Novel: 1946-1985 is 340 pages and includes a 30-page bibliography. The material for the book was gathered in Poland during Dadlez's sabbatical in 1984-85. The publishing company plans to have the book in print by fall 1989.

-- **Mrs. Julie Vander Mel-Tack**, coordinator of the Learning Assistance Center, spoke to a group of Central Michigan University graduate students on the topic of "Learning Disability Programs at the Post-Secondary Level." Tack also facilitated a Lou Tice tape, from the Investment in Excellence Series, for staff members of the Saginaw Public Schools at the staff development center. Tack is one of a group of facilitators trained in the 32-hour program, conducted by the Pacific Institute.

HIGH FIVE

-- Members of the **football** team were honored Nov. 28 for their contributions during the 1988 season. Named **Most**

Valuable Player was sophomore Kevin Mitchell. Senior Lloyd McClelland received the **Coca-Cola Golden Helmet Award** for his achievements on and off the field. Named **Outstanding Offensive Back** was sophomore Robb Cook. **Outstanding Offensive Lineman** honors were shared by senior Doug Mac and junior Ken Arnold. Senior Ray Fisher was named **Outstanding Defensive Lineman** and junior Larry Washington received **Outstanding Defensive Back** honors. Named **Most Improved Player** was junior Vince Siwicki and sophomore Jim Miron received the **Hustle Award**. The Cardinals finished their season with a 4-5 overall record and a 2-3 GLIAC mark.

-- The **women's basketball** squad finished second at the Cougar Classic in Edwardsville, Ill., this weekend. They defeated Culver-Stockton College (MO), 54-46 and lost to Southern Illinois at Edwardsville, 63-59. Brenda Eiseler and Rhonda Grifioen were named to the All-Tournament Team. The team travels to the University of Indianapolis tonight. The Lady Cards are 2-2 overall.

-- The **men's basketball** team, meanwhile, defeated Spring Arbor College 78-62 on Wednesday to even its record to 2-2. The Cards host Aquinas College at 7:30 p.m., Dec. 7.

EVENT WATCH

Dec. 6...Christmas Party
Dec. 7...Poetry Reading
Dec. 7...MBB vs. Aquinas
Dec. 8...Form "R"
Dec. 16...VFS: "Le Bal"