

the Interior

* STUDENT RECOGNITION DAY
APRIL 14
* BIOLOGY DEPARTMENT RECEIVES
\$10,000 GRANT

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

March 24, 1987

DAVID NELSON TO HEAD SCHOOL OF EDUCATION

Dr. David Nelson will don an SVSC administrator's cap to assume the role of dean of the school of education. He will begin the position July 1.

Currently the chairman of the department of curriculum and administration and a professor of education at Pittsburg State University in Kansas, Nelson visited campus Friday, March 20.

He said his major concerns are with the "ebbs and flows in supply and demand for teachers" and added he is concerned that SVSC meet quality needs as well as the quantitative needs of the teaching profession.

SVSC's school of education, he added, is implementing a process of selective admission to the program because of the increasing numbers of applicants.

"To ensure success in the future," he said, "there will be a strong emphasis on field-based experience."

Field-based training includes early experiences for students to be sure teaching is what they truly want to do. Second is a methods course; and third is the traditional student teaching experience. A fourth phase may be a "teacher induction" program, which

would attempt to place students in the teaching profession with temporary certification, Nelson said. He added that some states already have implemented this phase that would require one to two years in the classroom before permanent certification was awarded. Nelson said Michigan's legislature is considering a similar mandate.



But for now, Nelson plans to focus on the dramatic increase in enrollment in the school of education. "We have literally doubled the number of students going out into student teaching. This growth rate is phenomenal.

He said there are two reasons for the nationwide demand: The first is the "baby boomlet -- a modest upswing in the number of children born." The second is the teacher shortage of the '60s, which spurred better retirement benefits and now makes a large percentage of public
(See page 2)

Etceteras . . .

. . . SVSC's school of education has more than doubled its enrollment in recent years, causing the teacher education program to reduce the number of students admitted.

. . . More than 120 students have enrolled for the summer teacher education program. Of that number, half are seeking secondary teaching certificates. In all, only 50 percent of those that applied will be admitted.

. . . Criteria to be considered for admittance to the teacher education program are grade point averages, personal interviews and writing samples. The school also may take into consideration the teaching field an individual is considering.

. . . The demand for teachers in Michigan is primarily within inner-city districts and in the fields of mathematics, chemistry, physics and other sciences.

. . . Nationwide, the greatest demand for teachers is in the south and southwest, in states such as Florida, Texas, Arizona, California and Nevada.

(from page 1)

school personnel eligible for retirement.

Nelson said he accepted the dean's position at the College because he thought he could share his experiences as both a teacher and administrator to head the school's faculty. His first major goal is obtaining special accreditation for the school of education, hopefully by the 1990-91 school year.

Dr. Kenneth DePree, interim dean of the school of education, expressed enthusiasm for Nelson's appointment.

"He has both public school and college experience, which is absolutely essential," DePree said. "He has to be mindful of what's going on in public schools because that's what we're training students for."

STUDENT RECOGNITION DAY SET

The seventh annual student recognition day is scheduled to take place April 14. On that day, student employee supervisors will informally present student employees with certificates of appreciation.

Formal recognition of campus leaders will occur during the student recognition day ceremony. In addition, installation of new student government officers and senators will take place.

Events get under way at 11:30 a.m. in lower level Doan. A reception will follow in Doan Mall.

Any office or department planning to make a formal presentation to student leaders must make the request to campus activities, extension 4170, before April 1.

Individuals who would like to present student employees with

certificates also should contact campus activities.

FOUR SENIORS TO GRADUATE FROM HONORS PROGRAM

Two seniors who will graduate from the honors program this spring are scheduled to present their theses Thursday.

At 4 p.m., March 26, Ricardo Pastor will present "A Parallel Eight-Bit A/D Converter Using Switched Capacitor Techniques," a thesis in electrical engineering with Tirumale Ramesh as advisor.

Following Pastor's presentation, Priscilla Seward will present "Skirting the Pulpit: The Leadership Roles of Women in the Methodist Society in 18th Century England." A Methodist minister, Seward's thesis is in history with Dr. Robert Braddock as advisor.

A reception will follow the presentations in the Alumni Lounge in the Zahn Library.

On March 23, Sheryl Ann Harrison presented "Effects of a Prison Facility on the Regional Economy: A Michigan Case Study."

Also on Monday, John Duyck presented "An Empirical Analysis of Competing Theories of Interest." Duyck is an SVSC presidential scholar and a student senator. He recently presented portions of his thesis at the Michigan Academy of Sciences, Arts, and Letters at the University of Michigan in Ann Arbor.

Harrison's thesis was in criminal justice with Dr. Charles Fields as advisor; Duyck's thesis was in economics with advisor Dr. Hong Park.

Both Harrison and Seward have sons who are freshman at SVSC. Pastor is the son of Dr. Ricardo Pastor, a modern foreign language professor at SVSC.

The students also will be recognized during the Honors Convocation at 4 p.m., April 16 in the SVSC Theatre.

ENGLISH LANGUAGE INSTITUTE TO BE OFFERED THIS SUMMER

An "Intensive English Language Institute" will be offered July 6 through August 15 on campus, under the direction of Dr. Kerry Segel, assistant professor of English/reading.

The institute is directed toward foreign students with some understanding of the English language, according to Dr. Eugene Hamilton, dean of continuing education and international programs. He said students will be given more than 200 hours of intensive language and study skills training, plus many more hours of recreational and social events to enhance the students' understanding of American culture and education.

PANELISTS TO COMPARE THREE CONSTITUTIONS

A panel discussion comparing the U.S. Constitution, the Canadian Constitution and the Mexican Constitution is the next scheduled event celebrating the bicentennial of our country's constitution.

"The Constitutions Compared" discussion is scheduled to begin at 7 p.m., Wednesday, March 25, in the Delta College Theater with Dr. David Weaver, SVSC professor of political science, moderating a two-person panel.

BRIEFLY SPEAKING

-- Dr. Mahendra S. Kanthi, associate professor of economics, will **lecture** on "Science in Technology: Plans and Policies of Selected Developing Countries" at 4 p.m., March 24 in the faculty lounge of Wickes Hall.

-- A **Cooperative Education Drive-In Institute** will take place from 8:15 a.m. to 1 p.m., March 25, at the Frankenmuth Bavarian Motor Lodge. For more information, contact the office of placement and cooperative education, extension 4291.

-- The Future Elementary Teachers Club will sponsor a **reception/open house** for six student teachers from England from 4 to 5:30 p.m., Thursday, March 26, in Brown 214. The students will be in the States for six weeks.

-- Dr. Hope Palmer, a lecturer with the Detroit Institute of Arts, will present her second slide show on **modern Latin American art** beginning at 6:30 p.m., March 26 in Doan Center. The topic of her lecture is "The Images Realized: Recent Directions in Latin American Art."

-- A **kite flying contest** is planned to herald the arrival of spring. Festivities will get under way at noon, March 26 on the soccer field. Participants must bring their own kites. For more information, call extensions 799-2074 or 790-0205.

-- Faculty and staff may receive two complimentary tickets to any of the four public performances of "**J.G., Specs and Angie**" this weekend. Curtain time is 8 p.m. Friday and Saturday and 2 p.m. Saturday and Sunday. To reserve your tickets, contact

the faculty secretaries on the first floor of Brown Hall, extensions 4492 or 4027.

-- Three country and bluegrass bands will perform during a **country spectacular** from 7 to 9 p.m., Sunday, March 29, in Cardinal gymnasium. For more information, call ext. 4162.

-- A **reception** in honor of Mark LeMieux, consul general of Canada, will take place beginning at 4 p.m., March 30 in the Zahnow Library/Alumni Lounge.

-- A **children's health fair** will take place in Doan Mall from 9 a.m. to 3 p.m., March 30 and 31.

-- The **Concert Band** will perform from 7:30 to 10:30 p.m. in the Theatre, March 31. For more information, call extension 4389.

-- Any SVSC employee may join

the **Valley State Employees Credit Union**. Membership costs 25 cents. VSE, located at 2686 McLeod Drive North, Saginaw, includes services similar to those of any bank. To join, stop by the credit union, or call 793-5943.

-- Continuing Education for R.N.s, a project of the school of nursing and allied health sciences, funded by the state department of health and human services, recently sponsored a **conference**. "Nursing Research: A Collaborative Effort" took place March 12 and was planned as an initial step toward enhancement of collaboration in nursing research activities in the College's service area, according to Dr. Sachiko Claus, clinical facilitator of the program. More than 20 health care agencies sent representatives. Another CERN conference is scheduled to take place April 10 on nursing research.



Dr. Robert S.P. Yien, vice president for academic affairs, presents a check for \$10,000 to Dr. Charles Pelzer, biology professor, for the study of the biochemical genetics of red blood cell GPT enzymes. Monsanto Co. of St. Louis, Mo., awarded the grant to the biology department. Pelzer, principal investigator for the grant, said the research project involves the chromosomal linkage of the GPT gene and the gene responsible for familial breast cancer.



More than 160 students from tri-cities' area schools participated in the annual Math Olympics exam Friday, March 13. In conjunction with the administering of the test, approximately 600 students attended activities on campus demonstrating the diversity of the College's science and engineering department. Students observed a number of exhibits, including those related to hologram and computer exhibits as well as many involving hands-on demonstrations.

SCHOOL OF EDUCATION TO HOST IN-SERVICE PROGRAM

The school of education, under the direction of Dr. Elaine Stephens, will host a professional development institute for area educators on Developing Critical Thinking Skills.

The two-day in-service program, March 27 and 28, represents a unique cooperative effort between the Saginaw Bay Chapter of Phi Delta Kappa and the following institutions: SVSC, Delta College, Tuscola Intermediate School District, Saginaw City School District and the Bay City School District.

The speaker, Dr. Kenneth Chuska, is a noted authority on thinking skills and has presented widely across the country under the sponsorship of Phi Delta Kappa International, the professional fraternity in education

concerned with educational research, service and leadership.

According to Stephens, the Critical Thinking Skills Program is part of the continuing emphasis of the school of education to provide leadership in servicing the professional development needs of area educators.

PROFESSIONAL PROFILE

-- Dr. Mason Y.H. Wang recently translated two Shakespeare essays originally published in Chinese academic journals. The two articles will be published in "Shakespeare and the Triple Play: From Study to Stage to Classroom," due to be printed this year.

-- Visiting Professor Takao Tanaka of Shikoku Women's University in Tokushima,

Japan, recently received word he was promoted to chief full professor of English for the university's junior college, effective April 1. Tanaka teaches English literature and Japanese culture and language courses at the College.

-- Dr. Elaine Stephens, associate professor of education, addressed a group of more than 250 educators at the Michigan Reading Association's state conference in Grand Rapids on March 16. Stephens' topic was comprehension strategies for classroom teachers based on the latest research in schema theory and metacognition.

HIGH FIVE

-- The men's baseball team swept a doubleheader against Taylor University of Indiana Thursday, March 19, 16-6 and 13-3. The Cards combined for 29 hits in the games, led by Rolly Noe who was three-for-three. Mike Hill, Dave Hensel and Jeff Shembarger combined pitching duties in the season opener. The Cardinals next travel to Central Michigan University for a March 27 contest. Their home opener is April 4 against Grand Valley.

EVENT WATCH

Mar. 24...Lecture:
"Science in Technology"
Mar. 25..."The Constitutions Compared"
Mar. 25...History Day
Mar. 26...Latin American Art Lecture
Mar. 29...Country Music Spectacular
Mar. 30-31...Health Fair
Mar. 31...Concert Band

FUNDING OPPORTUNITIES



Dr. Ralph K. Coppola 790-4295

Information from the SVSC Office of Sponsored Programs

VOLUME 3 NUMBER 1

FOR INFORMATION REGARDING SPECIFIC PROGRAMS, APPLICATION MATERIALS AND GUIDELINES, OR FOR A PERSONALIZED FUNDING SEARCH, CONTACT:

DR. RALPH K. COPPOLA
DIRECTOR OF SPONSORED PROGRAMS
ADMINISTRATIVE SERVICES BUILDING
790-4295

International Programs

FULBRIGHT AWARDS FOR RESEARCH, LECTURESHIPS AND TRAVEL

Grants available for postdoctoral research, university lecturing and travel in over 100 countries throughout the world. Deadlines, disciplines, and types of grants vary by country. Interested applicants should request program announcement from the Council for International Exchange of Scholars in order to identify appropriate contact for further information.

APPLICATION DEADLINE: JUNE 15, 1987

GRANT PROGRAMS FOR STUDY ON TAIWAN - PACIFIC CULTURAL FOUNDATION

Four types of grants (research grants, writing grants, publication grants, and seminar grants) are offered to scholars of all nations to further study and understanding of Taiwan. Approximately 35 research grants are awarded annually in the arts, humanities and sciences. The Pacific Cultural Foundation is a nonprofit research and cultural organization facilitating exchange with western nations.

APPLICATION DEADLINE: JUNE 10, 1987

COOPERATIVE SCIENCE PROGRAM- NATIONAL SCIENCE FOUNDATION

Supports cooperative research projects and joint seminars conducted by scientists and engineers from the U.S. and Japan, Eastern Europe, France, Latin America and the Caribbean. Funds are provided for the supplemental costs (e.g., international travel costs and per diem expenses) needed to expand a domestic research project into a bilateral one. Seminar awards provide a modest administrative allowance, and travel and per diem expenses to a small number of U.S. participants for bilateral working conferences in the U.S. or the listed countries.

APPLICATION DEADLINES:

JUNE 1, 1987 - JAPAN

MAY 1, 1987 - EASTERN EUROPE

MAY 1, 1987 - FRANCE

MAY 1, 1987 - LATIN AMERICA AND THE CARIBBEAN

Arts and Behavioral Sciences

TEXTS: EDITIONS - NATIONAL ENDOWMENT FOR THE HUMANITIES

Supports the preparation of authoritative and annotated editions of sources of significant value to humanities scholars and general readers. Priority is given to projects that make available important texts and documents that have been either previously unavailable or accessible only in seriously flawed editions. Awards are made for up to three years and range from \$25,000 to \$100,000 per year. Grants will normally not exceed 80 percent of total costs of a project.

APPLICATION DEADLINE: JUNE 1, 1987

TEXTS: TRANSLATIONS - NATIONAL ENDOWMENT FOR THE HUMANITIES

Supports the translation into English of works that provide insight into the history, literature, philosophy, and artistic achievements of other cultures and that make available the thought and learning of their civilizations. Grants range from \$3,500 to \$75,000 and will normally not exceed 80 percent of total costs of a project.

APPLICATION DEADLINE: JUNE 1, 1987

SMALL GRANTS FOR SOCIOLOGY- AMERICAN SOCIOLOGICAL ASSOCIATION

Grants of up to \$2,500 each will be awarded to ASA members annually for postdoctoral research on a diverse set of topics that are relevant to sociology as a discipline. Special attention will be given to those projects which are on the "cutting edge" of the discipline or represent innovative activity. Grants may support exploratory study, a small conference, travel to consult with specialists, or study at a major research center.

APPLICATION DEADLINE: JUNE 30, 1987

ADAMHA RESEARCH SCIENTIST DEVELOPMENT AWARDS - ALCOHOL DRUG ABUSE AND MENTAL HEALTH ADMINISTRATION

Awards enable exceptionally talented individuals with at least three years of postdoctoral experience to engage in research on alcoholism, drug abuse and mental health on an essentially full-time, long-term basis. Research Scientist Development Awards also assist recipient institutions in maintaining and expanding research programs in these areas.

APPLICATION DEADLINE: JUNE 1, 1987

ALCOHOL RESEARCH GRANTS - NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM

Supports basic and applied research on biomedical, behavioral, clinical, socio-cultural, and epidemiological factors associated with the use or abuse of alcohol, and the prevention, treatment, and consequences of alcohol-related health problems. Research areas include etiology; pathogenesis; early identification and diagnosis; treatment assessment and services research; alcohol and work or school issues; community prevention; basic tools; and alcohol and the homeless.

APPLICATION DEADLINE: JUNE 1, 1987

HUMANITIES INSTRUCTION IN ELEMENTARY AND SECONDARY SCHOOLS- NATIONAL ENDOWMENT FOR THE HUMANITIES

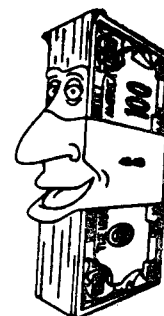
Grants support institutes, conferences, workshops, cooperative projects, and other activities to improve humanities teaching in elementary and secondary schools. Projects should involve partnerships among college and university personnel and precollegiate teachers. Applications in history, English and foreign languages are particularly encouraged since these fields generally form the core requirements of precollegiate humanities programs.

APPLICATION DEADLINE: MAY 15, 1987

EXEMPLARY PROJECTS IN UNDER-GRADUATE AND GRADUATE EDUCATION- NATIONAL ENDOWMENT FOR THE HUMANITIES

Grants to institutions to strengthen the knowledge and teaching of faculty in the humanities. Support available in three categories: Institutes to bring faculty together for intensive study of a subject in the humanities; Consortial Projects for workshops and other forms of inter-institutional collaboration to improve humanities teaching; and Other Initiatives which include collaborative development of model courses and the organizing of inter-institutional faculty development programs.

APPLICATION DEADLINE: MAY 1, 1987



NIJ SOLICITED RESEARCH: VIOLENT CRIMINAL BEHAVIOR - U.S. DEPARTMENT OF JUSTICE

Grants for projects on violent behavior in individuals and on the cost to society of violent acts prohibited by criminal law. Current interests support studies on nonlethal assaults and domestic violence; and research on the relationship of mental disorders or biological factors to violent crime behavior. Seven hundred thousand dollars is available to support five to seven projects.

APPLICATION DEADLINE: MAY 20, 1987

NIJ SOLICITED RESEARCH: APPREHENSION AND PROSECUTION OF CRIMINALS - U.S. DEPARTMENT OF JUSTICE

Supports research on the identification and apprehension of serious offenders; improving prosecution through police-prosecutor coordination; and, ensuring public safety through better information systems for decision making. Seven hundred and fifty thousand dollars is available in FY 87 to fund four to seven grants.

APPLICATION DEADLINE: MAY 22, 1987

NIJ SOLICITED RESEARCH: DRUGS, ALCOHOL, AND CRIME - U.S. DEPARTMENT OF JUSTICE

In Fiscal Year 1987, \$1.5 million is available to support projects which assess the nature and extent of drug abuse; reduce the demand for illicit drugs; control the drug supply and evaluate local interventions; measure drug related crime and its social costs; and, study patterns of substance abuse and its relation to the development and cessation of delinquency and crime patterns.

APPLICATION DEADLINE: MAY 13, 1987

Business and Management

RURAL ECONOMIC POLICY PROGRAM- ASPEN INSTITUTE FOR HUMANISTIC STUDIES

Awards support individual or institutional research on the changing rural economy, with a focus on economic development and jobs. Research areas include the impact of national economic trends and policy on the rural economy, changes in specific sectors and their impact on rural economy, assessments of development of public and private strategies to strengthen rural economies, and policies that address the problems of chronically poor people and places. Awards range from \$10,000 to \$50,000. Deadline cited is for preliminary proposals.

APPLICATION DEADLINE: MAY 1, 1987

Education

SMALL GRANTS PROGRAM - THE SPENCER FOUNDATION

Funds will be awarded for up to 1 year (non-renewable) to facilitate scholars in pursuing exploratory research, pilot research, modest research programs, and the initial phases of larger investigations which are relevant to the field of education conceived in its broadest sense. This can include not only the work of schools and colleges, but also what the political scientists might call socialization or what the economist might call the production and distribution of knowledge. Awards are not intended for projects involving curriculum development, action research, evaluation of particular educational innovations or general support. Applicants should hold a Ph.D. in an academic discipline or education and have an appointment on a college or university faculty, research facility or cultural institution. Awards range from \$1,000 to \$7,500. No overhead expenses are allowed.

APPLICATION DEADLINE: OPEN

Nursing

NURSING NATIONAL RESEARCH SERVICE AWARDS - NATIONAL CENTER FOR NURSING RESEARCH

Individual and institutional pre- and postdoctoral fellowships for registered nurses to support research training in specified areas of nursing and in biomedical and behavioral fields important to nursing

(including education, community health, mental health, psychology, nutrition, and biology). Proposed study must provide an opportunity to carry out supervised research to broaden the trainee's scientific background, and to expand potential for research in health-related areas.

APPLICATION DEADLINE: MAY 10, 1987

COMPETITIVE EXTRAMURAL GRANTS PROGRAM - AMERICAN NURSES' FOUNDATION

Provides support for nursing research by beginning nurse researchers. Experienced researchers will be considered only if the proposal is in an area not previously investigated by that researcher. On occasion the foundation will specify a particular field of study for this program. The principal investigator must be an R.N. with U.S. citizenship or permanent resident status. Co-investigators need not be in the nursing field as long as the proposal itself is for a nursing related project. Awards of up to \$2,500 for 1 year (non-renewable) should be directed to research expenses and may include support for equipment up to \$1,000 and up to 20% for overhead expenses. Awards cannot be used for funding the education of the researcher or for dissertation research.

APPLICATION DEADLINE: JUNE 1, 1987

RESEARCH GRANTS TO UNIVERSITIES - AARP ANDRUS FOUNDATION

Supports applied research in gerontology in the areas of behavioral, social and health sciences, and policy, planning, or practice. The Foundation's priorities include the evaluation of new and innovative programs for improving service delivery systems, the assessment and development of program priorities, and preparation of information for policy considerations. Grants of up to \$50,000 a year are awarded.

APPLICATION DEADLINE: JUNE 1, 1987

Science, Engineering & Technology

SUPERCOMPUTER INITIATION GRANTS FOR BIOLOGICAL AND SOCIAL SCIENTISTS - NATIONAL SCIENCE FOUNDATION

Through a joint initiative between NSF and the National Institutes of Health, biological, biomedical, behavioral, and social scientists are awarded up to 25 hours of supercomputer CPU time at one of NSF's five Supercomputer Centers. This program is aimed at promoting the exploratory use of supercomputers by researchers including those with little or no experience with supercomputers who anticipate that supercomputers might make a significant impact on their research. Travel, training, and remote access are not funded.

APPLICATION DEADLINE: MAY 30, 1987

BIOLOGICAL INSTRUMENTATION PROGRAM - NATIONAL SCIENCE FOUNDATION

Supports the acquisition of major, specialized instruments for use by groups of investigators in cellular and molecular biological research; development of important new methodology, computer software, or equipment that are not now available and that will increase the accuracy, range, or sensitivity of biological research observations.

APPLICATION DEADLINE: JUNE 1, 1987

FELLOWSHIPS AND EQUIPMENT GRANTS- FRED C. GLOECKNER FOUNDATION

Renewable one-year grants support research and educational projects in floriculture and the related fields of plant pathology, plant breeding, entomology, and plant physiology. Awards are made to colleges and universities, which may use funds for assistantships or fellowships for graduate students or for equipment needed to perform proposed research.

APPLICATION DEADLINE: MAY 1, 1987

ETHICS AND VALUES STUDIES PROGRAM- NATIONAL SCIENCE FOUNDATION

Supports studies on ethical assumptions or value implications of the roles of science and technology in areas of current social or professional concern. Special emphasis is placed on investigations of ethical or value issues that affect or are affected by the kinds of basic research supported in NSF's research directorates. Awards are made for collaborative research, individual professional development, and dissertation support. Deadline cited is for preliminary proposals. Deadlines for formal proposals are February 1 and August 1.

APPLICATION DEADLINE: MAY 1, 1987

ACADEMIC RESEARCH ENHANCEMENT AWARDS PROGRAM - NATIONAL INSTITUTES OF HEALTH

The National Institutes of Health has announced a June 22, 1987 deadline for applications for the fiscal year 1988 Academic Research Enhancement Awards (AREA) Program. AREA awards are designed to strengthen the research milieu of non-research-intensive four year colleges and universities that provide undergraduate training for a significant number of our nation's research scientists. The program is aimed specifically at institutions that have not been traditional recipients of NIH research funds. The award is intended to support new research projects or expand ongoing research activities proposed by faculty members of these institutions in areas related to health sciences. Applicants may request up to \$50,000 in direct costs (plus applicable indirect costs) for up to two years.

APPLICATION DEADLINE: JUNE 22, 1987

COMPUTER RESEARCH EQUIPMENT PROGRAM - NATIONAL SCIENCE FOUNDATION

Supports the purchase of special-purpose equipment for research in computer science and computer engineering. Equipment must be needed by more than one project and must be the kind of equipment that would be difficult to justify for one project alone. Funds for first year maintenance may also be requested. The total cost must be at least \$10,000, and one-quarter or more cost-sharing is required. The program does not support development of general computer capacity.

APPLICATION DEADLINE: MAY 4, 1987

