Life who was visiting the Hirshhorn. Health precludes donations, will be able their families, including those whose pre­
cated) on August 19. She took time out special thanks goes to Mrs. Joseph Hirsh­
ences on August 19 at the National Museum of History and Technology where it will be on view through 1976.

A "Life in the Universe" which opened September 23 in the Arts and Industries Building and which will later be moved to the National Air and Space Museum.

Two "Ice Age Mammals and the Emergence of Man," which opened September 21 at the National Museum of History and Technology where it will be on view through 1976.

Archives Plans First Exhibition

"From Reliable Sources," the first ex­hibit in the new Gallery of the Archives of American Art, will open November 8 on the first floor of the National Portrait Gal­lery.

The exhibit commemorates the 200th anniversary of the founding of the Ar­chives of American Art and the fifth year of the Archives' affiliation with the Smith­sonian. It is the first in a series of exhibi­tions to be selected from the vast collec­tions of the Archives and includes letters, documents, sketchbooks, and photographs of 29 artists of the 18th, 19th and 20th cen­turies. The exhibition will remain on view until the fall of 1975.

Upward Mobility

Jobs Open at MHT

There are three Exhibits Aid positions (GS-3) at the National Museum of History and Technology to be filled under the Smithsonian's Upward Mobility Program with potential advancement to GS-7 ex­hibits specialist.

The incumbents will be trained to check condition of exhibits and provide the necessary maintenance. Candidates must be reliable, willing to learn and have in­terest in acquiring such skills as carpentry, joinery, painting, masonry and papering, and also able to perform moderate to heavy physical tasks. One year of experience or one year of appropriate edu­cation is required.

For further information regarding these positions, please call the Office of Person­nel Administration, extension 6545.

Open Season Set On Health Programs

An open season for the employees' health benefits program will be in effect from November 15 through 30.

The Red Cross set a quota of 75 per­cent of blood for the Bloodmobile, and 87 were donated. The Smithsonian met its quota for the last fiscal year by 101 per cent.

"Congratulations and many thanks to employees who participated," said Brenda Howard, of the Office of Personnel staff, who was in charge of arrangements. "Our special thanks goes to Mrs. Joseph Hirsh­horn who was visiting the Hirshhorn Museum (where the Bloodmobile was lo­cated) on August 19. She took time out from her busy schedule to donate blood.

This generous response will assure that all Smithsonian employees and members of their families, including those whose pres­ent health precludes donations, will be able to obtain blood through the American Red Cross program when they need it."
Statement by Dr. Porter Kier

Credit to those who worked on the new exhibit "Ice Age Mammals and the Emergence of Man" was given by Dr. Porter Kier, Director of the National Museum of Natural History, in the following statement he read at the formal opening of the hall.

This hall is the result of the labors of many within and outside the NMNH. In particular, the following have played a vital role in the creation of this hall. Clayton E. Ray and C. Lewis Guern are responsible for the selection of the magnificent specimens of Pleistocene mammals. Dr. Ray supervised their preparation, and created the original plan for this hall. Although that plan has been changed, much of what is in this hall is the product of his efforts. The work of assembly of the specimens was carried out in the Laboratory of vertebrate paleontology by Frank Pearce; John Ott; Leroy Glenn, Jr.; Sigmund Sweda; Gladwyn Sullivan; Albert Myrick, Jr.; and G. Donald Guidagni. Elaine Anderson assisted in writing scripts and the acquisition of specimens.

The superb murals were painted by Jay Matterson. The chief consultants for the Hagaman mural were Claude Hibbard of the University of Michigan, E. B. Leopold and Harold Malde of the U.S. Geological Survey and John White of Idaho State University. Expertise for the Alaskan mural was provided by R. D. Guthrie of the University of Alaska; Bjørn Kurein of the Museum of Zoology at Helsingfors, Finland; Troy Péwé at Arizona State University; and William Tomblin of the Field Museum of Natural History at Chicago.

The following paleontologists at the American Museum of Natural History contributed specimens and expertise: Chids Prick, Harold E. Anthony, Malcolm C. McKenna, Bobbi Schaefer, Richard H. Tedford, Morris F. Skinner, Beryl Taylor, and Ted Galusha. Specimens also came from the South Australian Museum; Deya Archeological Museum, Spain; Mineralogisch-Geologisches Institut, Rijksuniversiteit Utrecht; Carnegie Museum, Pittsburgh; and Naturhistorisches Museum, Switzerland. Mr. Jose Fenikwy provided funds for the purchase of the dwarf mammoth skeleton. John Guilday, Walter Aussenback, and A. Gordon Edmand were consulted on various Pleistocene specimens. Robert Emry of the NMNH staff and Frank Whitemore of the USGS provided scientific guidance in vertebrate paleontology during the planning and production phases of the exhibit. Thomas Simkin was responsible for the geography displayed in the hall. William Fitzhugh is responsible for the anthropological aspects of the exhibit. I particularly thank John Yellen and Alison Brooks for their valuable assistance in the Neanderthal burial scene. Mr. Myrick and Mr. Duckworth were responsible for the diverse and needed skill set required by the NMNH staff and the consulting firms.

A reconstructed scene showing a Neanderthal burial ceremony is part of the exhibit "Ice Age Mammals and the Emergence of Man" which has been completed in a hall at the National Museum of Natural History.

Gem Hall in the Sky

A three-year-old was taken by her grandmother to visit the Smithsonian this summer. Several days later, her grandmother reported, she took the girl to a Fourth of July fireworks show in West Pullman. As the fireworks turned into stars of assorted colors, the child exclaimed:

"Look, Grandma, just like the Hope Diamond!"
Frank Pearce, MNHP Expert In Fossil Preparation, Retires
Frank Pearce, chief of the vertebrate fossil preparation laboratory at MNMH, retired last month after 28 years at a profession in which he was regarded as a peerless.

Annually he would accompany SI paleontologists such as Dov. C. Lewis Gazin and Clayton Ray into the field to find and dig intact from the ground fragile vertebrate fossils.

After his return to MNMH, he would perform the exquisitely, slow, and difficult task of cleaning and reading the specimens for scientific study and exhibit. At a retirement ceremony November Director Porter Kier presented Pearce a Certificate of Superior Performance, and a cash award. He also received a memento from his colleagues, a mounted giant fossil shark tooth that he had found at Lee Creek, N.C. and prepared (handsome giant shark tooth specimens are prepared by fossil collectors.)

The vertebrate fossil preparation profession has been called one of the last medieval guilds. No specialized schooling can teach one how to do it. The background of the six men who work in the

Mr. Pearce at work.

MNMH lab are diverse: One man has dental technician and morbid knowledge; another has a college degree in mechanical arts, another in soldering, and still another sculpture and modeling experience. What they all share in common is a wealth of manual dexterity and imagination and almost superhuman patience.

"What I'm doing is tremendously important," says Dr. Clayton Ray. "No one has found a magic way to make vertebrate fossils pop out of rock. You may have to live with times are: The new emblems do not show the

English Course Offered at SI
The Office of Personnel is scheduling employees for an eight-part English refresher course. The recommended reading level for entry into the course is 10th grade. Students will be scheduled to study one hour a day, Tuesday through Friday. The course is on film and will be presented with an Annotator. Therefore, students will be studying independently and can progress at their own rates until they meet the learning objectives. An instructor will be available for assistance. Certificates will be given on completion of the course.

To apply or to obtain more information, call Brenda Howell on extension 5226. Titles of each part and recommended study times are:

1. Improving Your Pronunciation: 4-12 hours. 2. Improving Your Writing: 5-12 hours. 3. Improving Your Speaking: 12-18 hours. 4. Improving Your Reading: 4-10 hours. 5. American Englishes: 2-4 hours. 6. American Englishes: 2-4 hours. 7. American Englishes: 2-4 hours. 8. American Englishes: 4-8 hours.

SMITHSONIAN TORCH

Judy White Joins NZP As Education Chief
Judy White, formerly at the Discovery Room in the National Museum of Natural History, has joined the staff of the National Zoological Park as chief of the education and information program.

Prior to her SI employment, she was a teacher and worked for the Children's Museum in Boston. Her duties at the Zoo will include development of educational information programs as well as liaison with the Friends of the National Zoo school services.

SI Service Pins Have New Look

The Smithsonian has given its career emblem a new look which features the Smithsonian seal and is presenting a new "25 Year" emblem as of July 1.

An employee accumulating 25 years of service on or after that date will be eligible for this new emblem.

The new emblems do not show the number of years of service. Years of service are indicated as shown below:

10 years service = Sapphire (Blue)
20 years service = Emerald (Green)
30 years service = Ruby (Red)
35 years service = Diamond and 2 Rubies (Red and Blue)
40 years service = Diamond and 3 Rubies (Red and Blue and Green)
50 years service = Diamond and 4 Rubies (Red and Blue and Green and Yellow)

The Office of Personnel Administration is currently distributing emblems to heads of bureau, offices, and divisions for presentation to eligible employees. This presentation will cover all employees eligible to receive emblems through August 31, 1974.

27 Employees Retire from SI
Twenty-seven employees have recently retired from the Smithsonian.

From the National Museum of Natural History; Franklin Pearce (see story in this issue), Alfred McAdams, Lyman B. Smith, Joseph J. Biggs, Walter J. Byas, Mary Grace Chaconas, Elsie M. Frenchecker, Paul K. Kastner, Clara G. McKay, From the Supply Division, Fred Barwick and Allen S. Smithwood.

From the Office of Protection Services, Casper W. Bohnenstel, John G. Galagher, Eddie L. Rainey, Joseph Colby, Frank Sanguanvi, William Nordsvard.

From the National Museum of History and Technology, Herbert Brumbauck, Everett Parker, James J. Jones, Jr.

From other SI components, Doctor E. McKnight and Roy S. Burgess, National Zoological Park; Jack Scott, Office of Printing and Photographic Services; Elsie Johnson, Freer; Lindsay Ross and Herbert Fischer, Office of Plant Services; Ornul S. Jachec, SI Libraries.

AWARD FROM DESIGNERS-Secretary Ripley was presented the Thomas Jefferson Award in recognition of his innovative and energetic contributions to the revitalization and preservation of America's cultural heritage, at a ceremony September 11 in the National Museum of American History. Shown with Mr. Ripley are the representatives of the organizations that presented the award: Roslyn Smith Martin, Vice President of the National Society of Interior Designers, and Norman De Haan, President of the American Institute of Interior Designers. The ceremony was held in connection with the Second Federal Design Assembly in Washington.

Islamic Archives Open to Students
The Smithsonian Institution's National Anthropological Archives has opened to scholars and students its Islamic Archives, a major collection on Islamic art and culture transferred to the Institution by the committee for Islamic Culture.

The Archives was assembled over a 40-year period by Unni Dr. Myron Benten Smith, archeologist, architect, architectural historian and founder and chairman of the Committee for Islamic Culture.

The Islamic Archives is composed of 87,000 catalog cards, drawings and field notes from Dr. Smith's studies of Islamic architectural monuments, maps, commentaries by scholars on Islamic studies and extensive correspondence between Professor Smith and most of the recognized scholars in his field. All of this material illustrates and documents the contemporary and historical culture and civilization of the Near and Middle East and Northern Africa during the Islamic period.

Support Directors Attend Seminar
Directors and assistant directors of units reporting to the Director of Support Activities attended a seminar on "Management by Objectives" held September 20 at the National 4th Center in Chevy Chase.

The seminar was conducted by Professor Dale McCorkey of the University of Wisconsin's Business and Management School. He is recognized generally as one of the pioneers in the development of Management by Objectives as a system and is one of its most active practitioners. The seminar provided the "kick-off" to the implementation of a management by objectives style of management within Support Activities. Its concept was designed by Professor McCorkey for the SI units.

Exhibits
(Continued from page 1)

The rest of the solar system and man's increasing understanding of it gained from space probes and the sophisticated instruments used by today's scientists.

The last section of the exhibit deals with the interdisciplinary studies of cosmog- raphers, astronomers, astrophysicists, chemists, and biologists in a field of study involved with the problems of detection, and communication with other intelligent life in the universe.

Melvin B. Zifkin, Deputy Director of N.A. M., says the exhibit highlights what is presently observable and deductive about the Universe, particularly about the chances for contact with other intelligent life and perhaps communicate with alien life." The exhibit represents more than two years of research by Alexis Doster III, NAS curator, and designers John K. Clendening and Tereza M. Tackm, The graphics were drawn by Peter F. Copeland and Peter P. DeAnna.
Students Bring Smithsonian To Washington Schools

eva Mirski

Not many high school students expect to find themselves back in elementary school during the summer months. However, this year, with help from the Smithsonian Institution, they did just that.

Four of us from the Summer Info program in the Museum of History and Technology's Division of Public Information and Education to work for five weeks in the District of Columbia Schools' Title I Program. When we started, we did not anticipate that these weeks would be filled with memorable experiences.

During the last few days of June each of us got acquainted with our colleagues. As the week progressed, we examined and studied, with the help of staff and docents, numerous "touch-ins" objects and artifacts that may be handled by children. These were to be used in the Title I Project, which would bring small bits of the museums to children in summer school. This project was not only to introduce small children to some of the wonders of the Smithsonian's collections, but also to encourage these students to improve their basic reading and math skills while learning from objects.

Each "museum aide", as we were called, was given a specific topic to develop, making sure that the Smithsonian's growing activities in television, film and radio for educational purposes. One of his immediate duties was the direction of liaison between Smithsonian and the David Wolper Organization which is producing a series of television documentaries for CBS. After this appointment, Mr. Cherkezian was Director of Programming for National Educational Television. Under his direction, three ongoing series, "Washington Straight Talk," "Washington Week in Review," were produced for the public television network. He was also responsible for six major documentaries and special events, from Presidential news conferences to major speeches.

In a new position at the Smithsonian, Mr. Cherkezian, who will report to the Assistant Secretary for Public Service, will be in charge of Smithsonian telecommunications policy, planning and programming. Under his direction, a wide range of projects from use of commercial and public television to cable systems will be reviewed.

From 1965 to 1972, Mr. Cherkezian was executive producer of National Education Television, where he headed the production team which produced news and public affairs programs and series for the NET network. Before that he was director of PSF-The Educational Television Laboratory.

He also worked as producer with WCBS-TV in New York City and as associate director and producer of Office of Radio and Television at New York University.

Mr. Cherkezian received his undergraduate degree in Journalism from New York University. Over the years, he has also worked in broadcasting, all course work for an MBA in economic history, and served as a Columbia University Leadership Fellowship for a study of the role television plays in museums and history.

Mr. Cherkezian is married and lives in Washington, D.C. He is a graduate of the University of Bridgeport and a son who is with ABC News in New York City.