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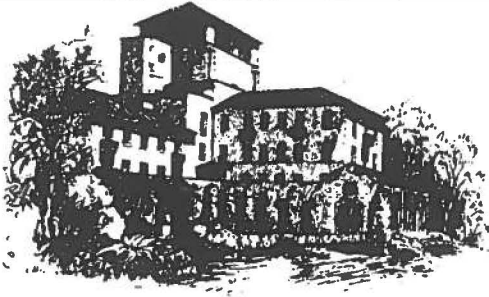
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Update

the navy's university

Naval Postgraduate School - Monterey

Vol. 3, No. 1

Winter 1993

change of command



CHIEF OF NAVAL OPERATIONS Adm. Frank B. Kelso II delivered the keynote address Jan. 9 when Rear Adm. Ralph W. West, Jr. was relieved as superintendent of NPS by Rear Adm. Thomas A. Mercer, a former NPS graduate in aeronautical engineering. West departed after a distinguished 3 1/2 years at the helm of the institution and retired after nearly 35 years of active service. He and his wife Kay will make their home in the Washington, D.C. area. Mercer and his wife Becky arrived from the Philippines where he was in command of U.S. naval forces in that region. A 1962 graduate of the U.S. Naval Academy and a naval aviator, Mercer has commanded Attack Fighter Squadron 82, USS Guadalcanal, USS Carl Vinson and Carrier Group Seven, and has flown his flag as Commander, Battle Groups BRAVO, ALFA and ECHO.

alumni news

ALUMNUS NAMED DIRECTOR OF FLIGHT CREW . . . Navy Capt. David Leestma will be responsible for approving shuttle crews, making key assignments and helping define the flight rules that will govern space station operations at the Johnson Space Center in Houston, Texas. **Leestma received a master's degree in aeronautical engineering at NPS in 1972.** According to a recent article in *Space News*, Leestma will be "one of the most influential managers in the nation's piloted space program."

campus developments

RIBBON CUTTING . . . A \$3.42 million public works center was dedicated Nov. 10 at NPS. The center occupies nearly 40,000 sq. ft. and consists of eight buildings. It is located off Morse Drive near the softball complex and Del Monte Lake.

GROUNDBREAKING . . . Dec. 11 marked the groundbreaking ceremonies for the new \$8.7 million engineering building. The new building will provide 60,000 sq. ft. of space and will house classrooms, offices, mechanical engineering laboratories and study rooms. It will have three wings, one two-story and one three-story, as well as a lecture hall with 130 seats. Estimated completion date is September, 1994. Every chairman of the mechanical engineering department since NPS moved to Monterey in 1952 was present for the groundbreaking.

DEDICATION . . . A new academic building at NPS now carries the name of one of the driving forces behind the university's 1951 move from the U.S. Naval Academy to Monterey — past Academic Dean Emeritus Dr. Roy S. Glasgow. The \$12 million, 108,000 sq. ft., three-story building was dedicated Dec. 18. **Glasgow Hall** contains 19 classrooms, 150 offices, several laboratories and study rooms as well as a 170-seat lecture hall and a 276-seat auditorium. It is located just inside the 3rd Street gate off Sloat Avenue. Glasgow was academic dean from 1949 to 1960. Born in St. Louis in 1895, Glasgow was a 1918 graduate of Washington University. After receiving his M.S. from Harvard in 1922, Glasgow joined the electrical engineering faculty at Washington, leading the department from 1936 to 1949.



Then Rep. Leon Panetta was the guest speaker at the dedication.

During World War II, Glasgow served as radio consultant to the War Department and headed the Technical Intelligence Committee in Germany for the War and State Departments, for which he received the Distinguished Service Award.

DISCOVERY DAY . . . NPS was the host for the 2nd annual Discovery Day event held Oct. 17. This one-day public program was **designed to enable people of all ages to explore the sciences and learn more about mathematics, science and engineering.** Other supporters of the day's events included: the Monterey County Office of Education, Monterey Organization of Science Educators and Monterey County Science Fair Coalition. Attendance was estimated at over 600 people.

NEW PHONE PREFIX . . .

All NPS and tenant command phone numbers beginning with "646" and "647" were replaced in December with "656."

FALL QUARTER GRADUATION BOASTS 4 PhD RECIPIENTS. . . Of the 241 students graduated Dec. 17, NPS awarded four doctorate degrees to: **Capt. Daniel J. Brett, USAF** (Electrical Engineering), **Lt. Timothy D. Tisch, NOAA** (Physical Oceanography), **Tien-Chiang Yeh, NPS, Monterey, CA** (Meteorology), and **Capt. Keith A. Sturgess, USA** (Physics). Other degrees awarded included: three aeronautical and astronautical engineer degrees, one mechanical engineer degree, 45

faculty notes

master of arts degrees and 195 master of science degrees. Seven students earned dual degrees. The guest speaker was **Adm. Stanley R. Arthur**, vice Chief of Naval Operations. Arthur is a 1964 NPS graduate, earning a B.S. in aeronautical engineering.

RETIREMENT. . . Lt. Col. William J. Caldwell retired Dec. 9, after serving over 23 years in the Army. Caldwell was an instructor in the operation research department at NPS for over three years. Caldwell is now working for a local firm. He and his wife Virginia will be staying in the Monterey area.

OUTSTANDING SCIENTIFIC ACHIEVEMENT

RECOGNIZED. . . Dr. Ching-Sang Chiu was honored for his pioneering work in acoustical tomography at the fall quarter commencement exercises. Acoustical tomography is a method that greatly speeds up the sampling rate for oceanographic data. Chiu, a native of Hong Kong, joined the NPS faculty in December 1989. He received the **Carl E. and Jessie W. Menneken Faculty Award for Excellence in Scientific Research.**



Chiu

SCHRADY, WADSWORTH RECEIVE GOODEVE MEDAL . . .

Professor Dave Schradly and retired Navy Cmdr. Dave Wadsworth have been awarded the Operational Research Society's 1992 Goodeve Medal for their paper, "Naval Combat Logistics Support System." The award recognizes the outstanding paper of the year published in the *Journal of the Operational Research Society*. Their paper concerns the Battle Group Logistics Coordinator Support System (BGLCSS), work which has been supported by the NPS Direct Funded Research Program.

FOUR NPS FACULTY NAMED FELLOWS . . . Four members of the NPS faculty have recently been honored with the designation of Fellows. The four faculty and their respective departments and societies are **Associate Professor Anthony Atchley**, physics department, Acoustical Society of America; **Professor Robert Ball**, aeronautics department, American Institute of Aeronautics and Astronautics; **Associate Professor Alan Coppens**, physics department, Acoustical Society of America; **Professor Norman Schneidewind**, administrative sciences department, Institute of Electrical and Electronics Engineers.

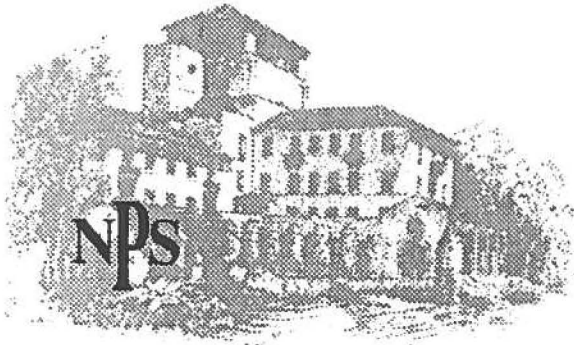
FACULTY TO PARTICIPATE IN NAVY R&D CONFERENCE . . . NPS faculty and students will be presenting papers at the Fourth Annual Navy R&D Information Exchange Conference to be held at NRAD, San Diego, in April. NPS was first invited to participate in this Navy Laboratory Conference in 1992. Based on a subsequent evaluation of NPS participation, a decision was reached to continue NPS representation at the conference. The conference provides an opportunity for NPS researchers to meet colleagues from Navy labs, to keep abreast of work in progress at the labs and to identify potential sources of funding. NPS faculty participation has been supported by the research office.

**research
news**

THERMOACOUSTIC REFRIGERATOR GOES TO NASA . . . NPS will deliver the world's first independently operating thermoacoustic refrigerator to NASA in May. The system, produced for NASA by NPS scientists, uses only sound waves for refrigeration. NASA will install the device, called the thermoacoustic life sciences refrigerator (TALSR), on its space shuttles, and will rely upon the TALSR for a wide range of space refrigeration needs. NPS physicists are also developing a thermoacoustic refrigerator for commercial applications.

NPS TO COMPETE IN JUNE . . . The first ever **autonomous underwater vehicle competition** will take place near Ft. Lauderdale, Fla. in June. Sponsored by the National Science Foundation, the competition will help to advance scientific development of unmanned, untethered, underwater vehicles. The vehicles would allow improved access to the oceans. **The Naval Postgraduate School, Monterey Bay Aquarium Research Institute, Woods Hole Oceanographic Institution, Carnegie Mellon University, and Florida Atlantic University** are expected to field AUVs for the event.

PR Director
Code 042
Naval Postgraduate School
Monterey, Calif. 93943-5100



the navy's university

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