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the Quarterdeck

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NAVAL POSTGRADUATE SCHOOL
DEC 3 1985
MONREY CALIF 940
New
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chairman
(see page 3)

December 6, 1985

Volume 2 Issue 48

Woods to resume teaching; Zucker to head CE program

As the 1970's rolled in, the concept of a continuing education program at the Naval Postgraduate School was little more than a vision shared by a few people on campus.

But by the 1980's, Dean Max Woods had helped create and shape the school's continuing education (CE) office and along the way assisted the NPS faculty in developing course materials that, in several cases, have become nationally recognized and widely used.

CE courses

Continuing education (CE) courses from NPS are generally viewed as an important tool to better prepare officer students for their return to the hectic pace of academic life.

In the opinion of Prof. Bob Strum, academic associate for electrical and computer engineering, the availability of the CE courses enables him to create a more efficient academic program and to save classroom time for the students.

"Our students have very often had these subjects (especially courses such as linear algebra, vector calculus, statistics and thermodynamics) and what they need is a fast and effective review," he said.

That's precisely what they get from the CE courses. "The materials are very well prepared and stimulating" to the students, he said.

Prof. Strum has been sending incoming electrical and computer engineering students to the CE office for eight years and their feedback has reinforced his belief in the CE program.

I think we need more CE courses, he said.

An era in the school's CE program will come to an end on Jan. 1, 1986 when Dean Woods will return to full-time teaching duties in the operations research department. Assuming duties as director of continuing education will be aeronautics Prof. Bob Zucker.

The Office of Continuing Education was established in 1974 with Dean Woods, Prof. Abe Sheingold and Prof. Otto Heinz playing key roles in the early developmental stages.

A primary function of the CE office is the development and off-campus delivery of self-study courses for credit or review.

According to Dean Woods, several means for delivery of these courses were examined before the PSI (personalized system instruction) method was adopted.

The next steps were to develop courses and to train faculty members to write PSI courses. Several workshops were held on campus with the result that there was a "quantum jump in some professional skills of the faculty," said Dean Woods.

(continued page two)

Army-Navy game on tap Dec. 7

The officers club has planned a special event for the Army-Navy game Dec. 7.

If you would like a place to watch the Navy football team take aim for an upset over Army, and enjoy a feast while doing it, the Trident Room is the place for you.

The Trident Room will open its doors at 1100, and will begin serving barbecued beef ribs and Southern chicken as part of a buffet, which will cost \$3.50. Along with the ribs and chicken there will be potato salad, Navy beans and rolls.

The game will begin at 1130, and Navy will take its 3-7 record against the Peach Bowl bound Army (8-2) for their 86th meeting.

Naval Institute to hold contest

The U.S. Naval Institute has announced its 12th annual Vincent Astor Memorial Leadership Essay Contest. The contest is open to junior officers and officer trainees of the Navy, Marine Corps and Coast Guard. The essay contest is aimed at promoting research through an original writing on the topic of leadership.

For further details call (301) 268-6110 or write to the U.S. Naval Institute, VAMLEC Essay Contest, Annapolis, Md. 21402.

From the President

by Ronald Reagan

As we prepare to close the door on 1985 and open up a New Year, Nancy and I extend our very best wishes for a happy holiday season to each of you.

This is the time of year when the age-old longing for "peace on earth, goodwill toward men" fills our hearts, and because of your selfless dedication and your willingness to preserve the ideals of our Founding Fathers, America is at peace and remains firmly committed to the ideal of goodwill toward all people.

As we celebrate Hanukkah, Christmas, and the New Year, we want you who serve our nation in uniform, and your families, to know how appreciative all Americans are of the sacrifices you make every day to keep America free and strong. This holiday season is a proper time for all of us to renew our pledge to the constant struggle to find a better and safer world.

Nancy and I wish you and your families a joyful and safe holiday season, wherever you may be.



CE program provides self-study courses (from page one)

"There were many fringe benefits," he added - pointing out that this training also helped faculty to more effectively develop on-campus courses.

A catalog of courses was developed and may have been the "first NPS vehicle that went out to the junior officer...the first formal program from NPS to recruit students," Dean Woods indicated. The CE office now does a direct mailing to specific year groups and provides a large number of individual copies upon request.

Approximately 5,400 one-credit hour self-study courses were mailed in FY 1985 of which 650 were taken for academic credit. Further, on-campus students use the CE self-study course materials at the rate of 900 courses per year. Mathematics courses are most popular.

In addition to offering the self-study courses, the CE office conducts counseling, sponsors short courses and is responsible for coordinating conferences held on campus.

Approximately 8,000 counseling functions are handled each year with an average of 10 to 12 phone calls a day and six letters a week from officers in the fleet. The educational counselor, LCDR Stan Gilchrist, works closely with curricular officers to

NPS to host Christmas concerts

A Christmas Contata will be performed by the combined choirs of the Protestant Chapel from NPS and DLI, along with the Catholic Chapel from NPS. The program will begin at 1900, Dec. 15 at King Hall. For more information call Caryn Mears at 646-8079.

The St. Thomas Aquinas Chapel of NPS will be presenting its annual family Christmas pageant at the chapel, Sunday, Dec. 15 at 1500. Everyone is welcome to attend the celebration and the magic of Christmas. For more information call Judy Callahan at 373-4401.

Both concerts are free and open to the public.

provide answers to the inquiries.

An average of 25 short courses are conducted on and off campus each year while approximately 60 conferences are held annually at NPS. In his other "hat" as dean of educational development, Dr. Woods is responsible for reviewing development of instructional methods, nurturing faculty awareness of new techniques and recommending implementation of appropriate approaches to the school's administration.

"Since most learning takes place outside the classroom," Dean Woods stated that his focus of support has predominantly been the development of interactive, individualized instructional materials to augment, not replace, classroom instruction.

Dean Woods has pursued approaches that concentrate efforts on microprocessor controlled videobased materials. The military has had considerable success in training and education with this type of instructional system.

Prof. Zucker, who is a member of the American Society of Engineering Education (ASEE) and has served on the national board of ASEE's educational research methods division, said he "looks forward to continuing his [Dean Woods'] work."

IBM exec new computer science chairman

Long before computers had become so pervasive as the source of our home and business memories, Vincent Lum, new chairman of the NPS computer science department, became engrossed with the possibilities of computers. Although his original career plans were not in the computer sciences, computers became an integral part of his chosen field.

Lum began as an electrical engineering major at the University of Toronto, and then went on to the University of Washington where he received his masters degree in 1961. He subsequently received his Ph.D. in 1966 from the University of Illinois. This he did after working for IBM for two years. "When I started working with computers in 1960, it was the time when the IBM 650 and 704 computers were the big computers. The many smaller computers ran on paper tapes rather than the magnetic tapes. Big computers have their memory modules as big as walk-in closets.

"I never imagined computers would take over industry as they have, and in such a short period of time. At first I could not conceive the significance of the digital computer, especially, before I understood the capabilities of it," he said.

Prof. Lum's specialty in computer research lies in database management and data

organization, in which it would be safe to say, he was a pioneer, because "back in the mid-'60's there were only two universities in the world with computer science programs -- you were either in electrical engineering or mathematics -- the mechanic or the analyst."

His years in the computer business have taken Lum all over the world. "I worked my way up from junior engineer to research project manager at IBM. My last three years have been spent in Heidelberg, Germany. I really love the travel. We [Lum, his wife Fay and children Stacey, Esther and Spencer] have been to just about every continent," he said.

Now that Lum has joined the NPS faculty, what will his responsibilities entail? "My highest priority is to recruit faculty members for the curriculum. We have over 110 students in the computer science curriculum alone. The instructors also teach other students their required computer courses. There just aren't enough instructors at this time," he said.

Aside from business, Lum says he enjoys skiing for recreation. "I haven't had much of a chance for the last couple of years, but I sure enjoy it when I can," he said.
--J02 Mary Reed

ED detailer to visit NPS

The engineering duty officer detailer, LCDR Harry Vasquez (NMPC-445D) will be visiting NPS during the week of Dec. 9. He will present a general information briefing on the Engineering Duty Program at 0700 on Dec. 9 in In-122. Individual appointments to meet with LCDR Vasquez can be made through the naval engineering curricular office, Ha-220, ext. 2033.

"First class" toy drive

The NPS First Class Mess is sponsoring its first annual toy drive in an effort to help those in need. Many families including some military are in need of a helping hand this Christmas and any donation of new and (good condition) used toys could make this Christmas a little brighter for someone.

The toy drive began Dec. 1 and will continue until Dec. 20.

If you would like to give, arrangements can be made by contacting any of the following personnel: ET1 John Babka, ext. 2234, (home) 384-4624; AG1 Bruce Rockwell, ext. 2465, (home) 394-6999; FO1 Ireneo Amable, ext. 2386; EW1 Jackie Schofield, ext. 2234, (home) 384-5784; DPl Nancy Winslow, ext. 2793, (home) 899-2113 or ST1 Pat Arnold, ext. 2234.

Civilian dance

The annual Christmas dinner/dance given by the Civilian Employees' Recreation Club will be held at the Rancho Canada Golf Club Saturday, Dec. 21 beginning at 1900 with no-host cocktails.

The event is free to members and guest tickets will be on sale at the door for \$14 each.

Classified ads

4 BDRM RENTAL UNIT SOUGHT for Navy officer DLI student Jan-Jun 86. Contact LCDR Thompson, ext. 2023 or 757-8165.

MONTEREY VAC CONDO FOR RENT Close to NPS and La Mesa. Furnished, sleeps 4--by week or weekends; Mercedes 1966 230 SL, 2 tops, exc. cond. Call 646-2656.

Christmas trees at NPS required to have safety check

If you are planning to decorate your office space with a Christmas tree this holiday season, remember these safety precautions. If you have a live tree it must not obstruct routes of egress or installed fire equipment; trees can not be located near combustible materials (drapes, storage, paper); extension cords and light strands (UL approved) should be checked for approval -- if the cord is warm, an overload will occur; the tree stand must be stabilized and the base mounted in container of water or water and sand.

If your tree is artificial it must not obstruct routes of egress either; stands should be stable; lights are unauthorized on metallic trees (combination of metal and plastic); trees of wood and plastic may be decorated with lights.

All trees must be inspected by the Fire Dept., ext 2334, anytime before 2200.

Payroll deduction increase slated for January

Starting in January, employee payroll deductions for Medicare and Social Security will be higher. Because of an increase in the Medicare tax, employees hired to permanent positions before 1984 will be paying 8.45 percent of salary instead of the 8.35 percent currently paid (this includes the seven percent for civil service retirement). The wage amount subject to tax will also increase to \$42,000 from the present \$39,600.

Employees hired after Jan. 1, 1984 will pay 7.15 percent of their salary for Social Security coverage instead of the current 7.05 percent. These employees also currently pay 1.3 percent of salary for civil service retirement. This amount could be changed or dropped if Congress takes final action this year on a supplemental retirement system for post-1983 employees. Bills to establish a supplemental retirement system for new employees are presently under consideration in both the House and Senate.

Supervisors training to be held

All new supervisors and managers in federal service are required to take a minimum of 20 hours of formal training in management policies and practices. The civilian personnel office is presenting "Position Classification for Supervisors" on Dec. 13 at 1300 in IN-122.

This course is open to all military and civilian personnel who have supervisory responsibility for civilian employees. No pre-registration is necessary, but participants must obtain the consent of their supervisor prior to attendance.

For further information contact Liz Clark, civilian personnel, ext. 3052.

Calendar

DECEMBER

-7-

1800-0100

INT'L COMMITTEE

DINNER/DANCE

(POC: CDR MCGONIGAL,
EXT 2186)

-8-

1300-1700

CHILDREN'S CHRISTMAS PARTY

INT'L COMMITTEE

(POC: CDR MCGONIGAL,
EXT 2186)

-10-11-

HYDRA INCH ROCKET

JOINT SERVICE CONFERENCE

IN-122

(POC: JANIS DEAMARAL,
EXT 2984)

-12-

1300-1415

STAFF WIVES CHRISTMAS

PROGRAM

BARBARA MCNITT BALLROOM

(POC: MRS. THALER,
624-0116)

Newly advanced

The following personnel have been selected for advancement as a result of the September Navy-wide exams.

Advancements authorized on Jan. 16 are as follows:

IS1 Jeffrey Johnson

EW2 Jimmie Fitzgerald

YN3 Angela Van Meter

MS3 Claudia Foster

Selectees, to be advanced after March, are as follows:

ET1 David Brown

MS1 Rogelio Jimenez

EW2 Stanley Fosburg

MS2 Glenn Carnahan

MS2 Troy Cowan

BU2 Dennis Ferguson

BM2 Terrell Johnson

DP3 Michelle Kilic

HT3 Jeffery Gauthier

CM3 Anthony Gehl