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Naval Postgraduate School Graduation Exercises / Class of September 1974

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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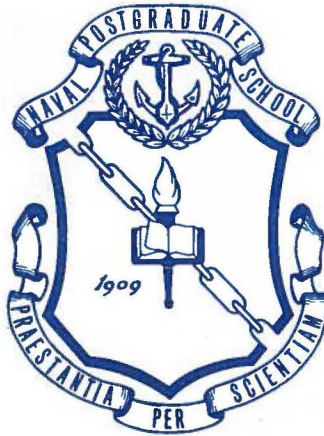
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NAVAL POSTGRADUATE SCHOOL

MONTEREY, CALIFORNIA

GRADUATION EXERCISES

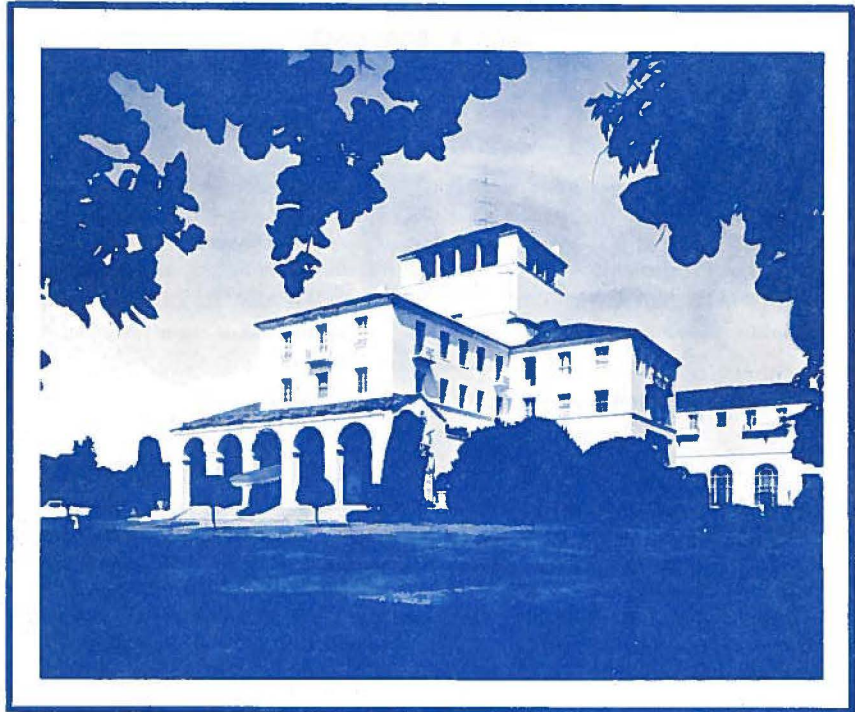
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the program

PROCESSIONAL

Professor ALFRED W.M. COOPER Grand Marshal
Professor CRAIG COMSTOCK Marshal
Professor RUSSEL H. STOLFI Marshal
Lieutenant Colonel RUSSEL E. JAMISON, U.S. Marine Corps Marshal

NATIONAL ANTHEM

INVOCATION

Lieutenant Commander PHILIP D. ANDERSON, CHC, U.S. Navy

INTRODUCTION OF SPEAKER

Rear Admiral ISHAM LINDER, U.S. Navy

ADDRESS TO GRADUATES

Vice Admiral JAMES B. WILSON, U.S. Navy
Chief of Naval Education and Training

PRESENTATION OF AWARDS

Navy League of Monterey Award for Academic Achievement
CNO Communications Award
CNO Communications Certificate
CNO Award for Excellence in Operations Research

PRESENTATION OF CANDIDATES BY DEPARTMENT CHAIRMEN

ANNOUNCEMENT OF DEGREES

Rear Admiral ISHAM LINDER, U.S. Navy
Provost JACK R. BORSTING

BENEDICTION

Lieutenant Commander PHILIP D. ANDERSON, CHC, U.S. Navy

RECESSIONAL

Superintendent
ISHAM LINDER

Rear Admiral, United States Navy

Provost
JACK R. BORSTING
Doctor of Philosophy

Director
of Programs
DONALD W. KILEY
Captain, United States Navy

Director
of Military Operations and Logistics
EDWARD E. RILEY
Captain, United States Navy

Dean of Programs
W. F. KOEHLER
Doctor of Philosophy

MISSION

"To conduct and direct advanced education of commissioned officers and to provide such other technical and professional instruction as may be prescribed to meet the needs of the Naval Service; and, in support of the foregoing, to foster and encourage a program of research in order to sustain academic excellence."

platform party

FIRST ROW (left to right)

Lieutenant Commander Philip D. Anderson
CHC, U.S. Navy
Chaplain, Naval Postgraduate School

Colonel Robert L. Milbrad
United States Marine Corps

Major General Robert G. Gard
United States Army

Provost Jack R. Borsting
Provost, Naval Postgraduate School

Rear Admiral Isham Linder
U.S. Navy
Superintendent, Naval Postgraduate School

Vice Admiral James B. Wilson
U.S. Navy
Chief of Naval Education and Training

Vice Admiral J.J. McClelland
United States Coast Guard

Captain William H. Lynch
United States Navy

Mr. Drew F. West
President, Monterey Peninsula
Council of the Navy League

Captain Donald W. Kiley, U.S. Navy
Director of Programs,
Naval Postgraduate School

SECOND ROW

Professor George J. Haltiner
Department of Meteorology

Professor Ladis D. Kovach
Department of Mathematics

Professor K.E. Woehler
Department of Physics and Chemistry

Professor Daniel J. Collins
Department of Aeronautics

Professor Dale F. Leipper
Department of Oceanography

Professor T. Sarpkaya
Department of Mechanical Engineering

Professor Sydney R. Parker
Department of Electrical Engineering

Professor Gerald L. Barksdale
Computer Science Group

Professor David R. Schradly
Department of Operations Research
and Administrative Sciences

Professor Boyd F. Huff
Department of Government

awards

NAVY LEAGUE OF MONTEREY AWARD for ACADEMIC ACHIEVEMENT

Lieutenant Commander ELWOOD G. WELLS, U.S. Navy

CHIEF OF NAVAL OPERATIONS COMMUNICATIONS AWARD

Major ROBERT J. ULSES, U.S. Marine Corps

CHIEF OF NAVAL OPERATIONS COMMUNICATIONS CERTIFICATE

Lieutenant JON L. COOK, U.S. Navy

CHIEF OF NAVAL OPERATIONS AWARD FOR EXCELLENCE IN OPERATIONS RESEARCH

Lieutenant RICHARD L. COLEMAN, U.S. Navy

Naval Postgraduate School Department Chairmen

Professor **GEORGE J. HALTNER**
Meteorology

Professor **SYDNEY R. PARKER**
Electrical Engineering

Professor **LADIS D. KOVACH**
Mathematics

Professor **DAVID R. SCHRADY**
Operations Research and Administrative Sciences

Professor **BOYD F. HUFF**
Government

Professor **RICHARD W. BELL**
Aeronautics

Professor **DALE F. LEIPPER**
Oceanography

Professor **ROBERT H. NUNN**
Mechanical Engineering

Professor **K.E. WOHLER**
Physics and Chemistry

Naval Postgraduate School Curricular Officers

Lieutenant Commander **JOSEPH H. CYR, JR., U.S. Navy**
Operations Research/Systems Analysis

Captain **DONALD W. MATHEWS, U.S. Navy**
Aeronautical Engineering

Commander **PETER S. RODER, U.S. Navy**
Electronics and Communications

Commander **RAYMOND W. HINE, U.S. Navy**
Weapons Engineering

Captain **PHILIP F. CAROTHERS, JR., U.S. Navy**
Naval Engineering and Engineering Science

Commander **LEROY R. BECHELMAYR, U.S. Navy**
Environmental Sciences

Commander **WINDOM L. ESTES, U.S. Navy**
Administrative and Computer Sciences

Commander **DONALD T. FITZGERALD, U.S. Navy**
Baccalaureate and Naval Intelligence

the graduates

Those officers whose names are preceded by an * are being given their degrees in absentia.

Certificate of Completion

Oceanography

*da SILVA, Luiz C.F., LT, Brazilian Navy

Bachelor of Arts with Major in Government (International Relations)

DOWNEY, Robert V., LT, USN

GALLER, Joseph L., LT, USN

MILAM, Lonzo O., LCDR, USN

MORGEN, Marty P., LCDR, USN

SALINAS, Amando S., LTJG, USN

SMITH, Jeffrey F., LCDR, USN

TRIPP, Philip B., LCDR, USN

Bachelor of Science with Major in Business Administration

*DEMPSEY, Richard E., LCDR, USN

WEST, Spencer T., Jr., CWO2, USN

*RUSSELL, Perry B., LT, USN

Bachelor of Science with Major in Computer Science

CLAUTERO, Rodolfo M., LCDR,
Philippine Navy

GOMEZ, Jose L., LCDR,
Peruvian Navy

KIER, Larry L., LT, USN

SITORUS, Satia M., CAPT,
Indonesian Air Force

Bachelor of Science in Electrical Engineering

HUFF, Clifford R.,
LCDR, USN

*POSDZIECH, Ulrich, LCDR,
Federal German Navy

Bachelor of Science in Engineering Science

KIRKLAND, Ronald E., LTJG, USN

Bachelor of Science in Mechanical Engineering

LUONG, Ha Ngoc, CDR, Vietnamese Navy

Bachelor of Science with Major in Oceanography

FERRAZ, Luiz Antonio de Carvalho, LCDR, Brazilian Navy

Master of Science in Aeronautical Engineering

FORESMAN, James L., CAPT, USMC OSANI, Joseph R., LT, USN
ANDREWS, James R., LCDR, USN YATES, Alan W., LT, USN
HARRISON, William F., LT, USN

Master of Science in Computer Systems Management

BEYER, Dean H., LCDR, USN VALENTY, John T., LT, USN

Master of Science in Management

ANGELICO, Joseph F., LT, USCG HURLEY, Robert F., Jr., LCDR, USN
NICHOLSON, Craig M., LT, USCG IBER, William R., LCDR, USN
SQUIRES, Frederic N.M., III, JORDAN, Robert L., LT, USN
LT, USCG *KERNS, Kenneth H., LCDR, USN
WILDER, Frederick N., LT, USCG *KREIMER, Robert M., LCDR, USN
COBBLE, Robin W., MAJ, USMC LAWRENCE, William R., LCDR, USN
ULSES, Robert J., MAJ, USMC LONG, Laurence G., LCDR, USN
ARLETT, Stephen M., LT, USN MERCHANT, Michael G., LCDR, USN
BARKER, Michael D., LCDR, USN MITCHELL, William J., LCDR, USN
BEUERLEIN, Alan F., LT, USN MIZNER, Malvern M., LCDR, USN
BLANKINSHIP, Leslie S., LT, USN NEGIN, Jerrold J., LCDR, USN
COOK, Jon L., LT, USN NEWCOMB, David A., CDR, USN
COPE, Ronald P., CDR, USN NOBLE, Russell L., LT, USN
DORSEY, Edward B., LT, USN QUROLLO, James V., Jr., LT, USN
FELTY, Joseph W.R., LT, USN RAU, Morton D., LCDR, USN
GREENAMYER, Richard D., LT, USN *ROBERTS, Johnny L., LT, USN
*GRIM, Thomas H., LT, USN *ROBERTS, William R., Jr., LCDR, USN
GUTH, Michael H., LT, USN SOFGE, Charles T., LCDR, USNR
HOLLIDAY, Thomas B., LT, USN WELLS, Elwood G., LCDR, USN
*HOOD, Joseph W., CDR, USN WRIGHT, Robert E., LCDR, USN
HOUSE, Arthur L., LCDR, USNR

Master of Science in Operations Research

DeMONT, Robert W., MAJ, USA *LEE, Kheng N., CPT, Singapore
HANNAH, William P., CPT, USA Air Force
HARTMAN, Frederick E., CPT, USA LIM, Lay Giok, CPT, Singapore
HILL, Robert J., III, CPT, USA Air Force
*KEENE, Kurt L., LTC, USA LINBERGER, Alan G., LT, USN
MARTIN, John A., MAJ, USA MANKER, William H., Jr., LT, USN
PAEK, Stephen J., Jr., CPT, USA MATRA, Ampaipast, LCDR,
PARRISH, Monte M., CPT, USA Royal Thai Navy
PIGUE, Larry M., MAJ, USA MEDINA, Enrique A., CDR,
READ, Richard D., CPT, USA Chilean Navy
SCARAGLINO, Frank J., LT, USCG MERCANKAYA, Recep, LTJG,
ANDERSON, Cecil C., LCDR, USN Turkish Navy
BOORAPA, Chodchoey, 2/LT, *MOSIER, John E., ENS, USN
Royal Thai Air Force MYERS, Henry B., Jr., LT, USN
*BOSWORTH, Paul R., LCDR, USN NARIN, Salikupta, LT, Royal
BRANUM, Richard C., LT, USN Thai Army
BURIN, James M., LT, USN NELSON, Thomas R., LT, USN
BURNS, Charles A., LT, USN NOEL, Charles E., LT, USN
CHALIN, Sakornsin, LCDR, OBERMAN, Marvin D., LT, USN
Royal Thai Navy OH, Myungho, LTC, Republic
CHAVALIT, Israngkul, LCDR, of Korea Army
Royal Thai Navy *PAK, Chae Ha, LT, Republic
CHOI, Chang Heup, LTC, of Korea Navy
Republic of Korea Army ROSE, David O., LT, USN
COLEMAN, Richard L., LT, USN *SACHER, Dietmar, LCDR, Federal
EBERTH, Robert W., LT, USN German Navy
EHEMANN, David A., LT, USN SINK, Francis L., LT, USN
EULENSTEIN, Karl H., CDR, USN *STEVENS, John B., LCDR, USN
GIANNOTTI, Louis J., LT, USN SUNJATA, Martinus H., MAJ,
GORHAM, Lawrence M., LT, USN Indonesian Air Force
HARRISON, James D., LCDR, USN SUPACHART, Boonyachan, 1/LT,
HENSLEY, James M., LT, USN Royal Thai Army
JOHNSON, Pierce J., LT, USN TABB, Donald C., Jr., LT, USN
KIM, Hyung Ki, CPT, Republic VAN ASDLEN, David L., LT, USN
of Korea Army WAHLIG, Leonard O., LT, USN
KUERSCHNER, Peter, LCDR, WOO, In Sang, LTC, Republic
Federal German Navy of Korea Army

**Master of Science in
Electrical Engineering**

APPEL, Clifford J., LT, USCG
SCHMIDT, Raymond H., CAPT,
USMC

*DARMAWAN, MAJ, Indonesian
Navy

IAMSA-AD, Veerachai, 1/LT,
Royal Thai Army

KHEMAYODHIN, Kharavuth, 2/LT,
Royal Thai Army

KOZAIN, William P., LCDR, USN

MATSUDA, Mutsuhiro, LT, Japanese
Maritime Self Defense Force

MITCHELL, William R., LCDR, USN

STEUSSY, James M., LT, USN

**Master of Science in
Engineering Acoustics**

HURST, Dennis W., LT, USN

**Master of Science with
Major in Mathematics**

OH, Myungho, LTC, Republic of Korea Army

Master of Science in Meteorology

*ALCORN, Marion E., LTJG, USNR

BONE, Theron C., LT, USN

DOUGLASS, John A., Jr., LCDR, USN

*ENGLEBRETSON, Ronald E., LT, USN

*HEALY, Donald J., LT, USN

JACOBS, Frederick T., LT, USN

MAHER, Dennis E., LT, USN

MAUCK, Charles J., III, LT, USN

McCLURE, Robert J., LT, USN

VARONA, Eriberto C., LT,
Philippine Navy

WARNER, Michael D., LT, USN

Master of Science in Mechanical Engineering

HILLS, Norman A., LT, USN

TUTER, Olcay, LTJG, Turkish Navy

Master of Science in Oceanography

FRYDENLUND, David D., LT, USCG

MISCIASCI, Frank J., Jr.,
CAPT, USAF

TRAPNELL, Robert N., Jr.,
CAPT, USAF

AUSTIN, Gary L., LT, USN

*BAUGH, Dale E., LTJG, USN

BODIE, Jeffrey G., LT, USN

BUB, Frank L., LT, USN

CORSE, William R., ENS, USN

GREESON, Tommy D., LCDR, USN

HAGEN, James B., LT, USN

HAMLIN, James S., Jr., ENS, USN

KANE, Leonard K., II, LT, USN

KEITHLY, John L., LT, USN

MAHAFFY, Lorrence A., LCDR, USN

Master of Science in Oceanography (Continued)

PERKINS, Thomas W., LT, USN

*RABE, Kevin M.

RADNEY, James C., ENS, USN

THORNE, Larry M., LT, USN

WHEELER, Sidney E., LCDR, USN

WRIGHT, Jay L., LT, USN

Master of Science in Physics

*ADAMS, Merchant S., LT, USN

*BIRCH, Barry S., LCDR, USN

*KUNZ, Chester A., Jr., CDR, USN

Electrical Engineer

*EDMONDSON, Gary D., LT, USN

GOESCHEL, Georg W., LCDR,
Federal German Navy

JOLLEY, Ronald S., LCDR, USN

ORTH, Gerhard M., LCDR, Federal
German Navy

RODOLFO, Carlos J., LT,
Portuguese Navy

STANTON, Laird W., LT, USN

TUFEKCIOGLU, Ahmet M., LTJG,
Turkish Navy

Mechanical Engineer

HILLS, Norman A., LT, USN

TUTER, Olcay, LTJG, Turkish Navy

Doctor of Philosophy

RANTSCHLER, Robert D., LCDR, USN

SCHRADER, John Y., Jr., LCDR, USN

THE NAVAL POSTGRADUATE SCHOOL

The Naval Postgraduate School had a modest beginning at the Naval Academy at Annapolis in 1909, at which time the first class of ten officers enrolled in the School of Marine Engineering. In 1912, the School was designated the Postgraduate Department of the Naval Academy, and the scope of its engineering curricula was broadened to include Ordnance, Naval Construction and Civil Engineering.

After a suspension of operations during World War I, the Postgraduate Department resumed operations in 1919; two years later it was officially designated the "Naval Postgraduate School." A further extension of its curricula and the growth of its enrollment took place in the years between the two World Wars.

In 1927, the General Line Course was started within the Postgraduate School to acquaint junior line officers with modern developments taking place in the Navy and to broaden their professional knowledge by means of integrated courses in naval science.

World War II caused an increase in enrollment in the Engineering curricula from about 125 to over 600 and a tremendous expansion of activity in contrast to the complete suspension of operations during World War I. After hostilities ceased in 1945, a program was initiated to relocate the Postgraduate School and improve its professional status. Between 1945 and 1948, legislation was passed establishing the School as a separate activity under its own Superintendent; creating the office of Academic Dean; granting the Superintendent the right to award Bachelor's, Master's and Doctor's degrees; authorizing the re-establishment at Monterey, California, and purchasing the Del Monte site. The move to Monterey was commenced in 1948 and completed in 1951.

In 1956, the Navy Management School was established as a component of the Postgraduate School. Its mission was to provide graduate education for Naval officers in the theories, philosophies and application of scientific methods of management specifically oriented to the Navy in order to advance efficiency and economy of operation afloat and ashore. In August 1960, the Management School curriculum was lengthened from a five to a ten-month course leading to a Master's degree for those who could meet the requirements for such a degree.

In 1958, the General Line School was redesignated as the General Line and Naval Science School and a Bachelor of Science curriculum was offered to meet the educational and career requirements of selected officers who did not have baccalaureate degrees. Further developments in the undergraduate program resulted in recognition of the need for a Bachelor of Arts curriculum, which was subsequently inaugurated in the General Line and Naval Science School in August 1961.

A major internal reorganization was approved by the Chief of Naval Personnel and became effective on 3 August 1962. The three component schools were consolidated into a single unified Postgraduate School, with academic operations under the direction of a Director of Programs (military) and a Dean of Programs (civilian). The reorganization in no way changed the curricula offered, but achieved unity of policy and gave emphasis to the educational programs required for the Navy.

academic dress

The cap and gown and colorful hood so prominent in commencement ceremonies resemble to some extent articles of dress worn by church and university dignitaries in the Middle Ages. The cap and gown indicate that the wearer is a member of a university or college. The hood shows the degree the wearer holds.

The gown for the bachelor's degree has pointed sleeves and is designed to be worn closed. The master's gown has closed sleeves, square at the end, the arms coming through a slit at the elbow; it may be worn open or closed. The doctor's gown has bell-shaped sleeves and may be worn open or closed. Down the front the doctor's gown has a facing of velvet and three bars of the same material on each sleeve. The facing and bars may be either black or the color distinctive of the subject to which the degree pertains. The cap is worn for all degrees; the doctor may wear a golden tassel.

Hoods are normally black with a colorful lining rolled outward. Bachelor's hoods are three feet long, master's three and one half feet, and doctor's four feet.

For all academic purposes, including trimmings for the doctor's gown, edgings of hoods, and tassels of caps, the colors associated with the different subjects are as follows:

Agriculture	Maize	Library Science	Lemon
Arts, Letters, Humanities	White	Music	Pink
Business, Commerce	Drab	Pharmacy	Olive Green
Education	Light Blue	Philosophy	Dark Blue
Engineering	Orange	Physical Education	Sage Green
Forestry	Russet	Science	Golden Yellow
Home Economics	Maroon	Theology	Scarlet
Law	Purple	Veterinary Science	Gray

The silk or satin lining of the hood is the color or colors of the university or college which conferred the degree. Some have a slash or chevron of contrasting color. For example:

University Granting Degree	Lining	Slash or Chevron
University of Wisconsin	Bright Red	
University of Minnesota	Old Gold	Maroon
Yale University	Blue	
University of California	Gold	Yale Blue
University of Washington	Purple Above Gold	
University of Oregon	Lemon Yellow	Dark Green
New York University	Violet	
Stanford University	Cardinal	
Columbia University	Light Blue	White
University of Michigan	Maize	Blue
University of Texas	White Above Orange	Burnt Orange
Duke University	Royal Blue	White
Cornell University	Cardinal	Two White
Harvard University	Crimson	
Michigan State University	Green	White
Iowa State University	Gold Above Cardinal	
State University of Iowa	Old Gold	
Oregon State University	Burnt Orange	
Lewis and Clark College	Princeton Orange	Black, Orange
University of Denver	Cardinal	Gold

The Naval Postgraduate School hood has a satin lining of dark blue with a gold chevron.

