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Naval Postgraduate School Commencement Exercises / October 1969

Naval Postgraduate School (U.S.)

Monterey, California. Naval Postgraduate School

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NAVAL POSTGRADUATE SCHOOL MONTEREY, CALIFORNIA

COMMENCEMENT EXERCISES

WEDNESDAY MORNING, 1 OCTOBER 1969

AT ELEVEN O'CLOCK

Superintendent
ROBERT W. McNITT
Rear Admiral, United States Navy

Academic Dean
ROBERT FROSS RINEHART
Doctor of Philosophy

Deputy Superintendent
for Programs
FLETCHER H. BURNHAM
Captain, United States Navy

Deputy Superintendent
for Logistics
ROBERT Y. GAINES
Captain, United States Navy

Dean of Programs
W. F. KOEHLER
Doctor of Philosophy

MISSION

"To conduct and direct the 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."

The Program

PROCESSIONAL

Professor A. BOYD MEWBORN GRAND MARSHAL
Professor MELVIN F. REYNOLDS MARSHAL
Lieutenant Colonel JAMES P. CONNOLLY MARSHAL

NATIONAL ANTHEM

INVOCATION

Captain SAMUEL D. CHAMBERS, CHC, U. S. Naval Reserve

INTRODUCTION OF SPEAKER

Rear Admiral ROBERT W. McNITT, U. S. Navy

ADDRESS TO GRADUATES

Rear Admiral CHARLES S. MINTER, JR., U. S. Navy
Commander, Fleet Air Wings, U. S. Pacific Fleet

PRESENTATION OF THE NAVY LEAGUE OF MONTEREY AWARD FOR ACADEMIC ACHIEVEMENT

AWARD OF DIPLOMAS OF COMPLETION OF CURRICULA

Rear Admiral ROBERT W. McNITT, U. S. Navy

CONFERRING OF DEGREES Rear Admiral ROBERT W. McNITT, U. S. Navy
DEAN ROBERT F. RINEHART

For the Degree of:	Presentation of Candidates by Department Chairmen:
Bachelor of Arts	Professor EMMETT F. O'NEIL
Bachelor of Science in Engineering Science	Professor EMMETT F. O'NEIL
Bachelor of Science in Mechanical Engineering	Professor T. SARPKEYA
Bachelor of Science in Operations Research	Professor REX H. SHUDDE
Master of Science in Aeronautical Engineering	Professor RICHARD W. BELL
Master of Science in Computer Systems Management	Professor JAMES M. FREMGEN
Master of Science in Management	Professor JAMES M. FREMGEN
Master of Science in Electrical Engineering	Professor CHARLES H. ROTHAUGE
Master of Science in Mechanical Engineering	Professor T. SARPKEYA
Master of Science in Meteorology	Professor WILLIAM D. DUTHIE
Master of Science in Oceanography	Professor DALE F. LEIPPER
Master of Science in Operations Research	Professor REX H. SHUDDE
Master of Science in Physics	Professor OTTO HEINZ
Aeronautical Engineer	Professor RICHARD W. BELL
Electrical Engineer	Professor CHARLES H. ROTHAUGE
Doctor of Philosophy	Dean ROBERT F. RINEHART

BENEDICTION

Captain JOSEPH F. CLOONAN, CHC, U. S. Navy

RECESSIONAL

Recipient of the Navy League of Monterey Award for Academic Achievement

Lieutenant Commander LYMAN E. KREKEL, U. S. Navy
Operations Research/Systems Analysis Program

Naval Postgraduate School Curricular Officers

Commander JOHN D. HARTLEY, U. S. Navy
Operations Research/Systems Analysis Program

Commander GEORGE W. EAST, U. S. Navy
Aeronautical Engineering Programs

Commander FRANCIS L. ROACH, U. S. Navy
Electronics and Communications Engineering Programs

Commander GEORGE C. SUP, U. S. Navy
Ordnance Systems Engineering Programs

Commander JOHN R. WALES, U. S. Navy
Naval Engineering Programs

Commander JAMES J. DAGDIGIAN, U. S. Navy
Environmental Sciences Programs

Lieutenant Commander MARTIN E. LEWIS, U. S. Navy
Management/Computer Science Programs

Lieutenant Commander PETER B. BOYNE, U. S. Navy
Engineering Science Programs

Commander LLOYD T. ZUEHLKE, U. S. Navy
Baccalaureate Programs

The Graduates

Those officers whose names are preceded by a ★ are being given their degrees In Absentia

Diplomas of Completion

Electrical Engineering

★URBIE A. LAWSON, LT, USN

Management

GERALD A. WHITNEY, LTJG, USN

Meteorology

DAVID C. SMITH, LT, USNR

Oceanography

DOUGLAS H. BORDEN, Jr., CDR, USN

★FRANCIS M. KIRK, Jr., JT, USN

★FRANK DATTILO, III, LT, USN

★GEORGE E. PIERCE, LCDR, USN

DONALD G. HAYDOCK, LCDR, USN

EDWARD V. WURTS, III, LT, USN

★WENDAL L. JENKINS, LCDR, USN

JOHN P. ZARETKI, LT, USN

EDWARD F. KALINOSKI, LT, USN

Staff Communications

MICHAEL K. ANDREWS, LT, USN

★ROY J. RICE, LCDR, USN

★FRANCIS X. O'DONNELL, LT, USN

CHARLES J. SANDERS, LT, USNR

Bachelor of Arts

ROWLETT H. BRUCE, Jr., LCDR, USN

RODNEY K. SQUIBB, LCDR, USN

EARL C. KOESTER, II, CDR, USN

DARRYL A. STUBBS, LT, USN

WILLIAM E. PETITT, LT, USN

RICHARD M. WEBER, CDR, USN

★ALLEN L. SHAPERO, LCDR, USN

Master of Science in Management

GORDON B. HALL, Jr., LCDR, USN

STEPHEN J. SEYL, LT, USN

Master of Science in Electrical Engineering

*ROBERT B. DESENS, LT, USN

FRANK DUKAT, LT, USN

*MARVIN H. FLOOM, Jr., 2LT, USMC

*GERALD A. FULK, CDR, USN

*PHILIP F. GRASSER, LT, USN

JOHN T. HOOD, LT, USN

YUN LAN HSIUNG, LCDR
Chinese Navy

JON P. KJELLANDER, LTJG, USN

WILLI K. A. KRAUSS, LCDR
Federal German Navy

RONALD A. LEE, LT, USN

*LARRY E. MILES, LT, USN

ERGIN OZER, LT
Turkish Navy

DONALD F. REGENER, LTJG, USN

ERKAL TUZGIRAY, LT
Turkish Navy

JIMMIE C. TYNER, LT, USN

RAYMOND B. WELLBORN, LCDR, USN

Master of Science in Mechanical Engineering

LI CHANG-SHENG, CDR
Chinese Navy

STEVEN B. WEEKS, LTJG, USN

Master of Science in Meteorology

BRUCE A. CLARK, LCDR, USN

RANDY J. COLEMAN, LT, USN

MICHAEL J. DALEY, LT, USN

EDWARD J. HARRISON, Jr., LT, USN

THOMAS OWENS, LT, USN

RICHARD H. STENDER, LT, USN

Master of Science in Oceanography

WILLIAM T. BOWMAN, LT, USN

WILLIAM A. CASTER, LT, USCG

*ALDEN B. CHACE, Jr., LT, USN

*GARY M. DAVIS, LTJG, USN

DENNY J. DENHAM, LT, USNR

JOHN M. DUSTRUP, LT, USN

ROBERT E. ETTLE, LCDR, USCG

ANTHONY L. GERST, LT, USN

*GEORGE K. GOWANS, LCDR, USN

PAUL A. GRIFFIN, LT, USN

Master of Science in Oceanography (Continued)

PAUL D. HUNT, Jr., LT, USN	DAVID D. ROBINSON, LT, USN
C. GRESHAM IVEY, Jr., LCDR, USN	HENRY D. STURR, Jr., LCDR, USN
JOHN D. KING, LT, USN	"B" "J" TAYLOR, Jr., LT, USN
*PETER S. LABYAK, LT, USN	DAVID R. THAXTON, LT, USN
*DAVID J. MUNDHENKE, LT, USN	*VERNON L. VAN BRACKLE, Jr., LT, USN

Master of Science in Operations Research

WILLIAM T. ALLISON, MAJ, USA	*LEROY G. KRUMM, LCDR, USCG
ALTON H. COLEMAN, LTC, USA	JOHN W. ALFORD, LT, USN
DANIEL L. CRISWELL, LTC, USA	JAMES L. BAGBY, Jr., LT, USN
WILLIAM A. CROCKETT, MAJ, USA	MERLIN G. BELL, LT, USN
BERNARD M. MARTIN, MAJ, USA	ROBERT W. COVEY, LT, USN
JOSEPH B. MISSAL, CAPT, USA	JERRY M. CRUMLY, LT, USN
RICHARD O. NUGENT, MAJ, USA	*JOSEPH H. CYR, Jr., LCDR, USN
*PAUL C. PALMER, Jr., MAJ, USA	JOHN A. DOLLARD, LT, USN
JOHN P. RICEMAN, CAPT, USA	WILLIAM B. DRAKE, Jr., LCDR, USN
RICHARD T. ROBINSON, LTC, USA	JASPER P. HENDREN, LT, USN
STANLEY L. SPAULDING, LTC, USA	JOHN W. HILT, LCDR, USN
ARVID E. WEST, Jr., LTC, USA	*JOHN M. HULING, Jr., LT, USN
WILLIAM W. WHITE, CAPT, USA	STEPHEN S. KINGSLEY, CDR, USN
JOHN J. YEOSOCK, MAJ, USA	LYMAN E. KREKEL, LCDR, USN
*JOHN C. ARICK, CAPT, USMC	SCOTT S. MASSEY, Jr., LT, USN
*LARRY A. BACKUS, CAPT, USMC	OZDEN ORNEK, LTJG Turkish Navy
JOHN J. CARTY, MAJ, USMC	DENNIS S. READ, LCDR, USN
DONALD E. CHRISTY, CAPT, USMC	FRANCIS J. RILEY, Jr., LTJG, USN
*JAMES H. TINSLEY, MAJ, USMC	LEONARD B. SANTOS, LCDR, USN
BASIL D. HARRINGTON, CDR, USCG	

Master of Science in Operations Research (Continued)

THOMAS R. SHERIDAN, LT, USN	EDWARD F. SULLIVAN, LT, USN
ROBERT J. SPANE, LT, USN	STUART L. TENNEY, LT, USN
*WILLIAM C. STOLGITIS, LT, USN	KENNETH L. YUFER, LT, USN
EUGENE M. STUBSTEN, LT, USN	

Master of Science in Physics

*ROBERT M. HIGGINS, MAJ, USA	EVERRETTE V. SNOTHERLY, Jr., LT, USN
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Electrical Engineer

*ROBERT B. DESENS, LT, USN	ERGIN OZER, LT Turkish Navy
*GERALD A. FULK, CDR, USN	ERKAL TUZGIRAY, LT Turkish Navy
JOHN T. HOOD, LT, USN	
RONALD A. LEE, LT, USN	

Doctor of Philosophy

MANFRED H. WERTHER, LCDR
Federal German 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, Letter, 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.

