



5-16-1980

## Commencement Convocation

University of the Pacific

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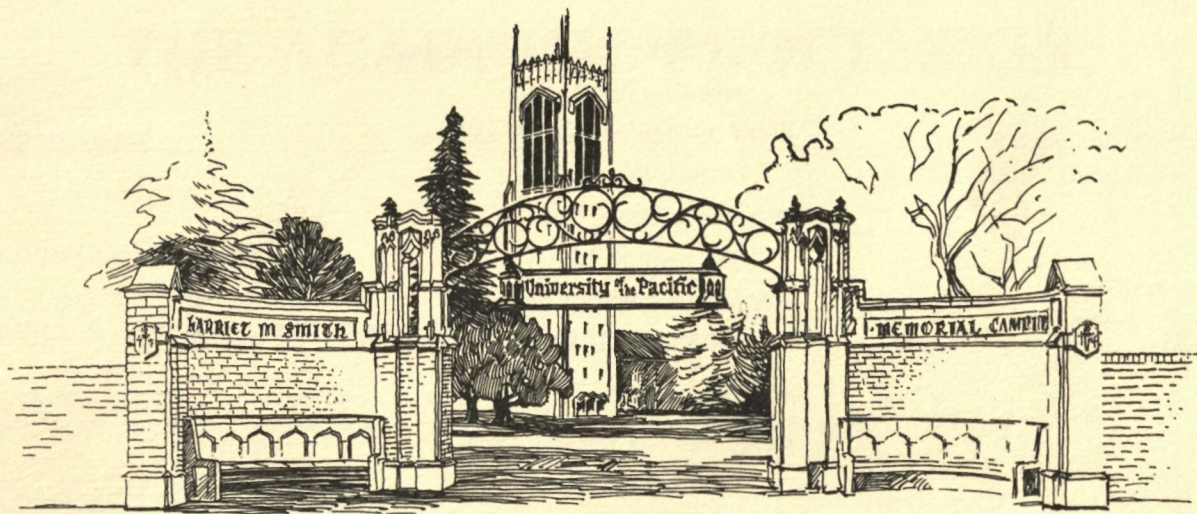
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# *UNIVERSITY OF THE PACIFIC*



## *COMMENCEMENT CONVOCATION*

*May 16, 1980  
Seven-thirty P.M.*



## PACIFIC, HAIL!

From o'er the rugged mountains  
standing high:  
From out the broad low valleys,  
'Neath the sky;  
Our Alma Mater calls,  
We cannot fail,  
Our voices blend in praise  
Pacific Hail! Pacific Hail!

Long may her flaming torch  
Give out its light:  
Long may her spirit guide us  
In the right;  
To her we pledge our hearts,  
We dare not fail;  
To her we raise our song  
Pacific Hail! Pacific Hail!

# THE ACADEMIC PROCESSION

MACE BEARER ..... Sydney Turoff, Ph.D.,  
*Chairman Academic Council*

## THE PRESIDENTIAL PARTY

## MARSHALS OF THE PROCESSION

Dewey Chambers, Ed.D.  
Elizabeth Matson, M.S.P.H.

James Shebl, Ph.D.  
I. Dale Dunmire, Ph.D.

Larry L. Pippin, Ph.D.  
Leonard Humphreys, Ph.D.

## THE FACULTY OF THE UNIVERSITY

## THE CANDIDATES FOR DEGREES

Master of Education  
Master of Music

Master of Science  
Master of Arts

Doctor of Arts  
Doctor of Education



# THE PROGRAM

*President Stanley E. McCaffrey, LL.D., Presiding*

CARILLON CONCERT ..... Charles Schilling, S.M.D., F.A.G.O.  
*University Organist and Carillonneur*

*Sing praise to God — Bohemian Brethren's Gesangbuch*  
*O filii et filiae — French*  
*Songs my mother taught me — Dvorak*  
*Intermezzo from "Cavalleria Rusticana" — Mascagni*  
*Londonderry Air — Irish*  
*In Mirabell Garden — Klein*  
*Pacific, Hail — Lois Warner Winston, ex '23, '58*

*Guests will please remain seated during processional*

PROCESSIONAL ..... Charles Schilling  
*Intrada, Sibelius*

INNOCATION ..... Ted Kanaya-Adams  
*Director/Coordinator of Religious Studies*

PRESIDENTIAL REMARKS ..... President McCaffrey

COMMENCEMENT ADDRESS ..... Kiyoshi (George) Togasaki  
*International Leader and Spokesman*  
*Tokyo, Japan*

PRESENTATION OF CANDIDATES FOR  
THE BACHELOR DEGREES FROM  
UNIVERSITY COLLEGE .....

Clifford J. Hand, Ph.D.  
*Academic Vice President*

CONFERRING OF DEGREES ..... President McCaffrey

PRESENTATION OF CANDIDATES  
FOR ADVANCED DEGREES .....

Reuben W. Smith, III, Ph.D.  
*Dean, Graduate School*

CONFERRING OF ADVANCED DEGREES ..... President McCaffrey

PRESENTATION OF  
THE ORDER OF PACIFIC

CONFERRING OF THE  
HONORARY DEGREE UPON .....

Kiyoshi (George) Togasaki

BENEDICATION ..... Ted Kanaya-Adams

RECESSIONAL ..... Charles Schilling

*Grand March from "Aida", Verdi*



## UNIVERSITY COLLEGE BACHELOR DEGREES

### BACHELOR OF ARTS

John Cameron - August '79  
Dorothy Collier - December '79

Douglas Dillon - Spring '80  
Barbara Jackson - December '79

## GRADUATE SCHOOL DEGREES

### MASTER OF EDUCATION

Alice Lynne Ball  
B.M., University of the Pacific  
1973  
Carla Herndon-Thorpe  
B.A., California State College, Stanislaus  
1977  
B.A., University of the Pacific  
1977

Myron Jantzen  
B.A., University of the Pacific  
1964  
Nancy Reiner Siverson  
B.A., University of the Pacific  
1973

### MASTER OF MUSIC

Heide Ann Heinbockel  
B.M., University of the Pacific  
1977

### MASTER OF SCIENCE

Debrah Lee Armitage  
B.S., Southeast Missouri State University  
1971  
Marine Science

George Daryl Bousquette  
B.S., Michigan State University  
1977  
Marine Science

Ian Douglas Campbell  
B.A., University of California, Santa  
Barbara  
1976  
Marine Science

Jay Charles Carroll

B.A., Occidental College

1974

Marine Science

Stanley Grahame Carson

B.A., University of California, Berkeley

1965

Biology

Barbara Bechtel Davies

B.S., University of Colorado

1955

School of Medical Sciences

Fernando A. Duk

B.A., University of the Pacific

1972

Biology

John Michael Emery

B.A., Texas A & M University

1975

Marine Science

Francis Richard Gens

B.A., John Hopkins University

1977

Marine Science

Elizabeth J. Hill

B.A., University of Colorado

1972

Biology

Debby Jane Johnston

B.A., University of the Pacific

1976

Marine Science

Elizabeth Margaret Lithco

B.A., Chico State College

1974

Biology

Peter Grant Lund

B.A., University of the Pacific

1977

Biology

F. Scott McEuen

B.S., Brigham Young University

1977

Marine Sciences

Craig Steven Marks

B.A., University of California, Berkeley

1973

Biology

John Richard Martin

University of California, Davis

1975

Pharmaceutical Sciences

Ralph L. Myers

B.S., University of the Pacific

1977

Biology

Jane Shigeko Okada

B.S., University of the Pacific

1977

Biology

Jimmy Frank Redman, Jr.

B.S., Chapman College

1977

Biology

William Gregory Rotz

B.S., Duquesne University

1971

Marine Science

Charles Arthur Smith

B.S., Drake University

1977

Pharmaceutical Sciences

Victoria Rolanda Starczak

B.A., University of California, Los

Angeles

1975

Marine Science

KwoTai Richard Sun

B.S., National Cheng Kung University

1975

Chemistry

## MASTER OF ARTS

Lillian Christine Abbott

B.A., California State University,  
Sacramento

1978

Communicative Disorders

Kim Elizabeth Anderson

B.A., University of the Pacific

1978

Communicative Disorders

Janet Elizabeth Andrews

B.S., Marquette University

1975

Education



Janet Gayle Barrass  
B.A., University of the Pacific  
1979  
Education  
Maria Rosario I. Barredo  
B.A., St. Scholasticas College  
1977  
Education  
Mercedes Correa Barrera  
B.A., University of the Pacific  
1965  
Education  
Beverly Ann Blossom  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Mary Lynn Bogard  
B.S., West Virginia University  
1973  
Education  
John Francis Bolter  
B.A., University of California, Berkeley  
1977  
Psychology  
Rachel Mayo Burleson  
B.A., University of the Pacific  
1979  
Inter-American Studies  
Jean Summersgill Carew  
B.A., University of the Pacific  
1971  
Education  
Roberta Naomi Chinn  
B.S., University of California, Davis  
1977  
Psychology

Donna Cameron Chisholm  
B.S., University of Cincinnati  
1975  
Education  
Robert Henning Christoffersen  
B.S., San Francisco State University  
1963  
D.D.S., College of Physicians & Surgeons  
1967  
Education  
Richard Philip Cohan  
B.A., University of California, Berkeley  
1966  
M.S., Southern Methodist University  
1973  
D.D.S., Western Reserve University  
1972  
Education  
Mervin J. Colburn  
B.A., Fort Hays Kansas State University  
1967  
Education  
Richard W. Couch  
B.A., University of the Pacific  
1978  
Psychology  
Jill Lorraine Crozier  
B.A., Central College  
1973  
Psychology  
Arthur Eugene Dibble  
D.D.S., University of California, San Francisco  
1952  
Education  
Shelley Denise Dick  
B.A., University of the Pacific  
1979  
Education

Berneice Blakley Ehlen  
B.A., Minot State College  
1934  
Education  
Charles M. Eliason  
B.S., University of California, Berkeley  
1967  
B.S., University of California, San Francisco  
1971  
D.D.S., University of California, San Francisco  
1971  
Education  
Yolanda A. Esquivel  
B.A., University of the Pacific  
1969  
Education  
Lewis Roy Eversole  
B.S., Indiana State College  
1968  
D.D.S., Indiana University  
1968  
M.S., Indiana University  
1970  
Education  
Donald Henry Garibaldi  
B.A., California State University, Sacramento  
1975  
Sociology  
Belinda Gascon  
B.A., University of the Pacific  
1979  
Music  
Carrie Lee Gill  
B.A., University of the Pacific  
1979  
Education



Nora Lynn Hamilton  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Janice Louise Haydon  
B.A., University of the Pacific  
1979  
Education  
Josephine Herrera  
B.A., University of the Pacific  
1971  
Education  
Dennis Wayne Hiramatsu  
B.A., University of California, Davis  
1971  
D.D.S., University of California, Los Angeles  
1975  
Education  
Nancy Louise Holeman  
B.A., University of the Pacific  
1975  
Education  
Jan Marie Holland  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Daniel Thomas Holm  
B.A., University of the Pacific  
1976  
Education  
Arlith Scott Howard  
B.A., Pasadena College  
1963  
Education  
John Willis Ivy  
B.S., University of the Pacific  
1971  
Education

Nels Chris Jacobs  
B.A., University of the Pacific  
1977  
Education  
Mary Ann Lee Jen  
B.A., San Francisco College for Women  
1961  
Education  
Teresa Lynn Jenna  
B.A., University of San Diego  
1978  
Education  
Craig Eric Johnsen  
B.A., Cortland State University  
1977  
English  
Will Seward Keim, III  
B.A., University of the Pacific  
1975  
Communication  
Ann Eldredge Kenfield  
B.A., University of the Pacific  
1977  
Communicative Disorders  
JoAnn Mayfield Keplinger  
B.A., San Diego State College  
1954  
Education  
Donald Duane Knudsen  
B.A., Arizona State University  
1966  
Education  
Janet Marie Lanfranco  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Ellen Lynn Lauritzen  
B.A., University of the Pacific  
1979  
Education

Shirley Witt LeChuga  
B.A., University of the Pacific  
1976  
Education  
Alan S. Leider  
D.D.S., Buffalo University  
1960  
Education  
Randy Q. Ligh  
B.A., University of California  
1972  
D.D.S., Temple University  
1976  
Education  
Larry Gene Loos  
B.A., University of Iowa  
1964  
D.D.S., University of Iowa  
1967  
Education  
Gretchen McCamley  
B.A., California State University, San Diego  
1970  
Communicative Disorders  
Kathleen Ann Madigan  
B.A., California State University, Chico  
1974  
Education  
Bernice Martin  
B.A., Jackson College  
1958  
Education  
Christopher George Maytnier  
B.A., University of the Pacific  
1977  
Communication



Stanley Robert Miller  
B.A., Brooklyn College  
1966  
D.D.S., Tufts University  
1970  
Education  
Linda Frances Moznett  
B.A., University of the Pacific  
1979  
Education  
Astrid Ann Munroe  
B.A., University of Colorado  
1955  
M.A., University of the Pacific  
1976  
Physical Education and Recreation  
Ann R. Muskal  
B.A., Roosevelt University  
1966  
Education  
Janiss Joy Narahara  
B.A., University of Iowa  
1972  
Education  
Patricia Sue Nelson  
B.S., California State University,  
Hayward  
1978  
Communicative Disorders  
Jerome Gerald Panella, Jr.  
B.A., California State University, Chico  
1976  
Education  
Laura Darlene Petersen  
B.A., University of the Pacific  
1978  
Communicative Disorders

Wanda K. Shanahan  
B.A., University of the Pacific  
1974  
Education  
Carolynn Sue Shotts  
B.A., University of San Diego  
1975  
Communicative Disorders  
Pamela Skiff  
B.A., State University of New York  
1978  
Communicative Disorders  
Larissa Skvortsov-Lukin  
B.A., Kattowitz College, 1944  
Ph.D., Columbia University  
1955  
Education  
Donna Jean Smith  
B.A., University of California, Davis  
1966  
Physical Education and Recreation  
Jill Stassinis  
B.A., University of the Pacific  
1979  
Education  
Carolyn Steinmetz  
B.S., University of the Pacific  
1974  
Education  
Jana Elizabeth Stewart  
B.A., University of California, Berkeley  
1972  
Inter-American Studies  
Rosita Bonpua Suasini  
B.A., Silliman University  
1975  
Education

Eloise Shepherd Thompson  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Andres Ruiz Torres  
B.A., California State College, Stanislaus  
1975  
Education  
Mark Todd Wagner  
B.A., Metropolitan State College  
1976  
Psychology  
Jane Elaine Wait  
B.A., University of the Pacific  
1977  
Education  
Noriko Carrie Watanabe  
B.A., University of the Pacific  
1978  
Communicative Disorders  
Randy Scott Whited  
B.A., University of the Pacific  
1978  
Physical Education and Recreation  
Camilla Howes Wolak  
B.A., Maryville College  
1961  
M.A., Ohio State  
1966  
Education  
Angela H. Zydel  
B.A., University of California, Santa  
Barbara  
1977  
Communicative Disorders



## DOCTOR OF ARTS

Caryl J. North

B.A., Sacramento State College  
1961

M.A., Sacramento State College  
1963

Essay: *Pound's Use of Merlin as  
Persona in the Rock Drill Cantos*

Dianne Lucille Braley Runion

B.A., University of the Pacific  
1961

M.A., University of the Pacific  
1974

Essay: *Pincher Martin: Symbolism  
Serving Fable*

## DOCTOR OF EDUCATION

Stanley Wayne Barrick

B.A., Sacramento State College  
1963

M.A., California State University,  
Sacramento  
1975

Dissertation: *Achievement in and  
Attitude Toward High School  
Mathematics With Respect to Sex and  
Socioeconomic Status*

Alice Glancy Bonds

B.A., University of California, Los  
Angeles  
1943

M.A., University of California, Berkeley  
1950

Dissertation: *The Relationship Between  
Self-Concept and Locus of Control and  
Patterns of Eating, Exercise, and Social  
Participation in Older Adults*

Ana Maria Donini

B.A., University of Buenos Aires  
1964

M.A., California State College,  
Stanislaus  
1970

Dissertation: *Reaction to Social Pressure  
From Adults Versus Peers Among  
Mexican, Mexican-American, and Anglo-  
American Rural Children*

Richard Bruce Donker

B.A., Calvin College  
1972

M.A., California State College,  
Stanislaus  
1978

Dissertation: *An Educational Philosophy  
for American Medical School Curricula*

William Edward Geffrey

B.A., Northwest Nazarene College  
1964

M.A., University of California, Davis  
1971

Dissertation: *The Epistemology of John  
Amos Comenius*

Berta Gonzalez

B.A., Fresno State College  
1970

M.A., California State University, Chico  
1976

Dissertation: *An Investigation of the  
Attitudes Which Prospective Teachers  
Hold Toward Bilingual Education.*

Evelyn V. Guiang

B.S., University of the East  
1956

M.S., University of California, Los  
Angeles  
1963

Dissertation: *The Relationship Between  
Home Environment and Reading  
Achievement Among Filipino-American  
Third-Grade and Fifth-Grade Pupils*



Parvin Habashi (Soleimani)  
 B.A., Girl's College, Iran  
 1970  
 M.A., University of the Pacific  
 1976  
 Dissertation: *The Nature and Frequency of Marital Problems Leading to Divorce in Tehran, Iran as Perceived by Four Professional Groups*  
 Gordon Lane Imlay  
 B.A., Missouri Valley College  
 1959  
 M.S., San Jose State University  
 1977  
 Dissertation: *Perceptions of Entry-Level Competencies Needed by Staff Members in the Boy Scouts of America and Young Men's Christian Association*  
 Ellen Skinner Kester  
 B.A., Oberlin College  
 1960  
 M.A., University of California, Berkeley  
 1964  
 Dissertation: *A Comparison of Two Secondary Literature Units Literary Duo A: Twain and Knowles vs. Literary Duo B: Twain and Hentoff*  
 Stelvio G. Locci  
 B.A., San Jose State University  
 1957  
 M.A., San Jose State University  
 1969  
 Dissertation: *Bilingual-Bicultural Instructional Aide Evaluations*

William Anselmo Melendez  
 B.A., New York University  
 1952  
 M.S., Hofstra College  
 1958  
 Dissertation: *The Effects of the Language of Instruction on the Reading Achievement of Limited English Speakers in Secondary Schools*  
 Paul Nava  
 B.A., San Jose State  
 1964  
 M.A., California Polytechnic State University, San Luis Obispo  
 1969  
 Dissertation: *Bilingual Bicultural Program Coordinator Role and Role Effectiveness*  
 Mary Kathryn Nebgen  
 B.S., University of Illinois  
 1969  
 M.Ed., San Jose State College  
 1973  
 Dissertation: *A System for the Evaluation of Urban and Suburban Elementary School Principals*  
 Beverly L. Phillips  
 B.A., Pacific Union College  
 1954  
 M.A., University of the Pacific  
 1972  
 Dissertation: *A Study of the Relationship Between Economic Education and Formal Reasoning in Ninth Grade Students*

Marta Urteaga Pippin  
 B.A., College of the Pacific  
 1969  
 M.A., University of the Pacific  
 1972  
 Dissertation: *An Investigation of the Self-Reported Problems of Mexican, Mexican-American and Anglo-American Adolescents*  
 Maria Victoria Ramirez Better  
 B.A., Atlantic University  
 1967  
 M.A., University of the Pacific  
 1972  
 Dissertation: *The Adjustment Problems of Latin American Students Attending Selected California Universities*  
 Frances Aroc Rilloraza  
 B.S., Philippine Normal College  
 1964  
 M.S., Indiana State University  
 1967  
 Dissertation: *Multicultural Education Inservice Programs in Large School Districts in California Having Substantial Minority Enrollment*  
 Ingrid A. Rimland  
 B.A., Wichita State College  
 1971  
 M.A., University of the Pacific  
 1972  
 Dissertation: *Hierarchical Learning as a Function of Concise Informational Feedback with Regard to Ability, Age, and Sex of Identical Twins*



Cyril Edward Roe

B.A., Pacific Union College  
1956

M.A., Pacific Union College  
1957

Dissertation: *A Descriptive Study of the Seventh-Day Adventist Junior Academy Educational Program in Northern California*

Samuel Rubin Romero

B.S., New Mexico State University  
1954

M.A., University of the Pacific  
1970

Dissertation: *The Effectiveness of Computer Assisted Instruction in Mathematics at the Middle School*

Mansoor Soleimani

B.A., Tehran School of Social Work  
1966

M.A., Tehran University  
1973

Dissertation: *The Educational Impact of American Church Missionaries on the Educational Programs of Iran (1834 — 1925 C.E.)*

Gordon Lowell Spencer

B.A., Chapman College  
1950

M.Ed., Whittier College  
1962

Dissertation: *A Model Delivery System for Education in the California Youth Authority*

Zarintaj Tajeran

B.A., Damavand College, Tehran  
1975

M.A., University of the Pacific  
1976

Dissertation: *A Content Analysis of Iranian Children's Story Books for the Presence of Social and Moral Values*

Rexford Lynn Thompson

B.A., University of Iowa  
1958

M.S.W., University of Denver  
1964

Dissertation: *A Comparative Study of the Differential Relationship Between the Academic Aptitudes and Occupational Interests of University Undergraduate Students by Sex, Culture Groups, and Parent Educational Level*

Douglas Charles Widdup

B.A., Western Michigan University  
1969

M.A., Western Michigan University  
1971

Dissertation: *The Effects of an Enriched Educational Program on the Academic Intellectual and Behavioral Functioning of Underachieving Culturally Different Mentally Gifted Minors*



## MASTER'S THESES

### BIOLOGICAL SCIENCES

- Stanley Grahame Carson  
*Change in Gall Bladder Bile Throughout Development in Rana Catesbeiana.*
- Fernando A. Duk  
*In Vitro Comparative Studies on the Effect of Vinblastine Sulfate and Hyperthermia on Normal and Transformed Human Lung Fibroblasts.*
- Elizabeth J. Hill  
*A Quantitative Study of the Morphology of Normal, Hyperplastic, and Neoplastic Mammary Tissue in the Mouse.*
- Elizabeth Margaret Lithco  
*A Retrospective Evaluation on the Use of Cephalosporins in Open-Heart Surgery.*
- Peter Grant Lund  
*An Epidemiologic Study of Human Toxoplasmosis in San Joaquin County, California.*
- Craig Steven Marks  
*Morphological Comparison of Two Populations of Peromyscus maniculatus gambelii from the Timberline of Mt. Shasta, California.*
- Ralph L. Myers  
*Phasic Response of Peripheral Nerves to Inflammation.*
- Jane Shigeko Okada  
*Esculin Hydrolysis in the Enterobacteriaceae.*
- Jimmy Frank Redman, Jr.  
*Effect of Light on the Circadian Activity Rhythm of the Slow Loris, Nycticebus coucang.*

### CHEMISTRY

- Kwo-Tai Richard Sun  
*Matrix Isolation Studies of Reactions of Atomic Oxygen.*

### COMMUNICATION

- Will Seward Keim, III  
*The Significance of Martin Buber's I-Thou Philosophy for Communication Theory.*

### MARINE SCIENCE

- Debrah Lee Armitage  
*The Ecology and Reproductive Cycle of Pygospio elegans claptarede (Polychaeta: Spionidae) From Tomales Bay, California.*
- George Daryle Bousquette  
*The Larval Development of Pinnixa longipes (Lockington, 1977) (Brachyura: Pinnotheridae), Reared in the Laboratory.*
- Ian Douglas Campbell  
*Sexual Dimorphism, Resource Partitioning and Intraspecific Aggression in Caprella californica stimpson.*
- Jay Charles Carroll  
*The Structure of Macrofaunal Assemblages Inhabiting an Intertidal Sandflat in Tomales Bay, California.*
- John Michael Emery  
*Larval Trematode Populations and Host-Parasite Interactions in Cerithidea californica.*

- Frances Richard Gens  
*Interactions Between Portunon conformis (Epicaridea: Entoniscidae) and Two Host Species.*
- Debby Jane Johnston  
*Zooplankton Communities of Tomales Bay, California.*
- F. Scott McEuen  
*Observations on the Reproductive Morphology of some California Spionid Polychaetes.*
- William Gregory Rotz  
*Population Genetics of The Genus Transennella (Bivalvia).*
- Victoria Rolanda Starczak  
*The Population Dynamics and Recruitment Pattern of the Phoronid, Phoronopsis viridis.*

### MUSIC

- Belinda Gascon  
*An Analytical Study of Hans Werner Henze's Fifth Symphony.*

### PHARMACEUTICAL SCIENCES

- John Richard Martin  
*Alterations of Central Dopamine Receptor Sensitivity in the Spontaneously Hypertensive Rat.*
- Charles Arthur Smith  
*A Study of Drug-Plastic Interactions in a Variety of Plastic Containers.*



## PHYSICAL EDUCATION & RECREATION

Randy Scott Whited

*The Effects of Four Strength  
Maintenance Programs on the Dynamic  
Strength Retention of Football Players  
During the In-Season.*

## PSYCHOLOGY

John Francis Bolter

*Cerebral Damage Associated with  
Alcoholism*

Roberta Naomi Chinn

*Communication and Social Behavior of  
Captive Slow Lorises (Nycticebus  
coucang)*

Richard W. Couch

*Transfer of Household Management  
Skills from a Board and Care Home to  
an Experimental Apartment Via  
Programming Common Stimuli.*

Jill Lorraine Crozier

*Examination of a Behavioral Training  
Package for Child-Abusing Parents.*

Mark Todd Wagner

*Hemispheric Asymmetries in Faculty and  
Student Musicians and Nonmusicians  
During Melody Recognition Tasks.*

The list of names as it appears in the printed program is not the official list of graduates. Some last minute changes may not have been included due to printing deadlines. The official list of graduates is maintained by the Registrar's Office.



## HISTORICAL BACKGROUND OF THE MACE

The mace, originally a weapon of offense used in medieval warfare by a king or a great noble, has been refined into a symbolic device which is used on ceremonial occasions. As an academic symbol, the mace dates back to the 16th Century England when Queen Elizabeth I presented a replica of her own royal mace to the corporation of the University of Oxford in 1589. She ordered that it be used in all ceremonies to represent the royal presence and the authority granted to the University to issue degrees under the royal insignia. King Charles I made a similar gift to Cambridge University in 1625.

With the establishment at Pacific of the cluster college system in the tradition of the Oxford and Cambridge concept, President Robert E. Burns commissioned Stuart Devlin, internationally known London silver designer, to design and construct a mace for the University of the Pacific. Its first use was at Founder's Day ceremonies, March 6, 1966.

Constructed entirely of silver with gold plating, the mace is approximately four feet long and weighs approximately 15 pounds. It was a gift to the University by Mrs. Winifred Raney, a Regent of the University.

## SIGNIFICANCE OF ACADEMIC REGALIA

Distinctive academic dress can be traced back to the universities of the Middle Ages. In the early centuries of its existence, the costume was worn as daily garb, and the several parts each had its practical use. In more recent centuries its use in complete form has been reserved for special, ceremonial occasions.

European universities tend to display considerable variation in their academic regalia. In the United States, however, a standard pattern was adopted over a half-century ago to which virtually all American colleges and universities adhere. This governs the material, style, color and trimmings of the gown and hood, the style of the cap, and the color of the tassel.

This summary has been prepared to assist in recognizing and interpreting the costumes worn at the University of the Pacific's commencement ceremony.

In the United States, gowns are almost uniformly black. Outstanding deviations are in the cases of Harvard and Yale, the first permits a crimson doctor's gown; the latter a blue gown for both masters and doctors.

The field of learning in which the degree was awarded is shown by the color of the edging of the hood, and in some cases by the color of the facing and crossbars on the doctor's gowns. Some of the



more frequently seen colors are: white (Arts and Letters), pink (Music), dark blue (Philosophy), light blue (Education), scarlet (Divinity), golden yellow (Science), lilac (Dentistry), olive green (Pharmacy), and purple (Law).

The colors of the lining of the hood are those of the institution which awarded the degree. For example, the University of California colors are gold and blue; Stanford University, cardinal; University of Michigan, maize and azure blue; University of the Pacific, burnt orange and black. An olive green tassel is often worn on the cap to signify the Pharmacy field of learning.

An individual's degree is revealed by the type of gown and the width of the edging on the hood. Designs are of three kinds:

**BACHELOR'S GOWNS** have full pointed sleeves, with no trimming, and the hoods have a two inch edging.

**MASTER'S GOWNS**, until 1960, had full closed sleeves, with the arm emerging from the sleeve through a slit at the elbow. The gown has been the despair of wearers because, no matter how hot the day, a coat must be worn under it. In 1960, however, the gown was modified. In place of the elbow slit, an opening was made at the wrist and the gown was made to close. The hoods have a three-inch edging.

**DOCTOR'S GOWNS** are of silk, have rounded sleeves, velvet facing down the front, and three velvet crossbars on each sleeve. The hoods have side panels and a five-inch facing.

Tassels on bachelors' and masters' caps are ordinarily black, but they may be of the color of the field in which the degree was awarded. Doctor's tassels are always gold. The left side of the mortarboard is the proper side to wear the tassel.



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