

5E

Oakland University Commencement 1981





The motto, **Seguir Virtute E Canoscenza**, has a very distinguished origin, Canto XXVI, 1. 120, of Dante's *Inferno*. These are the final words of Ulysses' great speech to his men urging them to sail on and on in pursuit of knowledge and experience of the world—even beyond the pillars of Hercules, traditionally the frontier and limit of legitimate exploration.

This is the three-line stanza:

*Considerate la vostra semenza
Fatti non foste a viver come bruti
Ma per seguir virtute e canoscenza.*

*Consider your birth
You were not made to live like brutes
But to follow courage and knowledge.*

SCHOOL OF ENGINEERING

11:00 a.m.

June 6, 1981

Varner Recital Hall
Paula and Woody Varner Hall
Oakland University
Rochester, Michigan

MUSICAL ARTISTS

John Smith, *trumpet*

Chris Baird, *organ*

Trumpet Voluntary Henry Purcell

PROGRAM

PROCESSIONAL

Howard R. Witt, *Marshal*
Donald R. Falkenburg, *Deputy Marshal*

WELCOME

Mohammed S. Ghausi, *Dean*

COMMENCEMENT ADDRESS

John E. Gibson, *Dean of School of Engineering and Applied Science*
University of Virginia

PRESENTATION OF HONORS

PRESENTATION OF SPECIAL AWARDS

PRESENTATION OF CANDIDATES FOR THE PH.D. DEGREE

PRESENTATION OF CANDIDATES FOR THE M.S. DEGREE

PRESENTATION OF CANDIDATES FOR THE B.S. DEGREE

SALUTATION

David E. Glick, *Graduating Senior*

ALUMNI WELCOME

David R. Jeshurun
Engineering Alumni Association

VALEDICTION

Frederick W. Obear, *Vice President for Academic Affairs and Provost*

RECESSIONAL

The audience is requested to stand and remain standing during the processional and recessional.

RECEPTION

E. Joyce Parrish, *Hostess*

On Academic Regalia

An edifying note contributed by a certain anonymous doctor of philosophy

On at least two solemn occasions during the academic calendar—spring and fall commencement—the faculty of the university publicly displays its full academic regalia and participates in the liturgy of processional and recessional, that curious coming and going that symbolizes the ceremony of commencement. The purposes of commencement are well known, but the reasons for the peculiar garb of the celebrants and their odd order of march are often as obscure to the audience as they are, in fact, to the faculty itself. This note may serve to explain academic dress and the professional pecking order it costumes.

Contemporary academics are descendants of clerical schoolmen in the universities of medieval Europe. Like the clergy, members of the bench and bar, and other learned professions, the medieval scholar clothed himself in heavy robes to stay warm in unheated stone buildings. Like all members of an hierarchical society, the medieval faculties rejoiced in visible insignia of rank. These outward signs of accomplishment and authority were tailored into the robes. Although the need for such voluminous garments to keep the scholar from freezing is long past, the use of them as emblems of dignity remains. You will observe that all caps and gowns worn by our faculty are black, with certain disturbing exceptions. Black was the color adopted by mutual agreement among American universities at the end of the nineteenth century. In Europe each university has its own distinctive gown, varying in color and cut from all others. A European academic assemblage is a far gaudier occasion than its counterpart in America. Recently, certain universities in this country rashly broke the agreement and authorized robes in their own colors: for example, the crimson of Harvard and the green of Dartmouth may be seen in our ranks. This unsuitable spontaneity has been frowned on by sister institutions, yet the mavericks not only persist in their madness, but gain adherents to their ranks with each passing year.

There are three basic academic degrees: the baccalaureate or bachelor's degree, the master's degree, and the doctorate. A special style of robe is prescribed for each. The bachelor's gown is sparsely cut, neat, but a bit skimpy and unadorned, as befits apprentices. The master's gown is still simple, but fuller, sports a sleeve of extraordinary design impossible to describe, and has a hood draped from the shoulders down the back. Once used to keep the frost from the tonsured heads of medieval clerks, the hood now is solely a badge of a degree of scholarly achievement. The master's

hood is small and narrow, but displays the colors of the institution that awarded the degree. If you knew the colors of American universities, you could easily identify whence came our masters. The doctoral robe is the most handsome of academic raiment. Generous of cut, of fine aristocratic stuff, it is faced with velvet and emblazoned with velvet chevrons on the ample sleeves. You will note that most of the velvet facings and chevrons are black, but that some are of other colors. According to personal taste, the doctor may display the color of his doctoral degree on his sleeves and facings: light blue for education, pink for music, apricot for nursing, orange for engineering, and many more. The royal blue of the Doctor of Philosophy (Ph.D.) is the most commonly seen in a liberal arts institution such as Oakland. The doctor's hood is the most elegant of all academic appurtenances. Large and graceful, it is lined in satin with the colors of the university that awarded the degree and is bordered with the color of the degree itself. Most academic costumes include the square cap called a mortarboard; the doctor's tassel may be either black or gold—tassels of all other degrees are black and stringy.

To instructed eyes, the order of march in the processional and recessional reveals the standing of individuals in the institution's formal hierarchy. In the processional the order of entrance into the hall is, quite fittingly, from most junior to most senior. The baccalaureate candidates enter first, followed successively by the masters and doctoral candidates with the whole separated from the faculty by a decent interval. In the faculty order, the instructors precede the assistant professors who in turn are followed by the associate professors. The august full professors bring up the rear. After a respectful distance come the deans who in turn are separated by a significant space from the awful majesty of the platform party, the president, the vice-president, and the members of the board of trustees. All remain standing until the board is seated. After the ceremony, the order of recessional is the reverse of the processional. The greatest dignitaries steam out of the hall first, with the artfully organized ranks of priority wallowing in their wake.

It is hoped that these notes may make more intelligible the spectacle you are witnessing today. A discerning intelligence may detect in it many clues to an understanding of the academic profession as it confronts the ambiguities of the future with ancient wisdom and dignified confidence.

DEGREES AWARDED DECEMBER 1980

MASTER OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Naomi Anna Avigdor

Gregory D. Lynn

Gary Michael Budzinski

ELECTRICAL AND COMPUTER ENGINEERING

Won-Zon Chen

LeDoan Thang

Sai Kai Cheng

Jin-Yong Wu

ENGINEERING

Arthur Lowell Johnson III

Ming Bun Lee

MECHANICAL ENGINEERING

Li Wang

BACHELOR OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Lavanya Adinarayan

Ralph Andrew Lane

Susann W. Campbell

Rosemary Ann Nickerson

William David Gordon

Donna Marie Simmons

Andrew James Grewe

Olga Iwachiw Walden

Jeffrey Benton Keller

ENGINEERING

Edward Bohdanowicz

Mary Carol Echlin Murphy

Larry Francis Caltrider

Laura Anne Payne

David Michael DeClerck

Daniel M. Priebe

Darrell James Dick

William S. Quillin

Richard Ian Dittus

Judith Ann Schumacher

Rachid Elias Elaile

Theresa Ann Sieh

Arthur H. Geschwind

David Sienkiewicz

Thomas Wendell Griebe

Michael Bryan Solt

James V. Hanson

Richard Cass Suski

Cindy Kay Heazlit

Ricky Lynn Swartz

Ho Joong Kim

Anthony Richard Troy

David Craig Martel

Thomas A. Zeug

Ronald A. Misch

Robert Allen Zito

Ronald George Mulberger

CANDIDATES FOR DEGREES APRIL 1981

DOCTOR OF PHILOSOPHY

SYSTEMS ENGINEERING

Pradeep Ramesh Padukone, B.E. Bangalore University, M.E. Indian Institute of Science, Bangalore.

Dissertation: Design of High Order Low Sensitivity Unsymmetrical Active Filters.

MASTER OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Ahmad Cherri

Hamid Reza Minoui

Robert Michael Hanus

Douglas A. Smith

ELECTRICAL AND COMPUTER ENGINEERING

Mahendrakumar Chhotalal Kothari

Lawrence Phillip Thorell

ENGINEERING

Peter William Cooper

William Patrick Ryan

John Ferdinand Flick

MECHANICAL ENGINEERING

Michelle Dolores Blumenau

Paul Stewart Sherman

Paul David Plotkowski

SYSTEMS ENGINEERING

Mary Olivia Bukowski

BACHELOR OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Lawrence Annarelli

David Mahaz

William Edwin Bejcek

Terry Ray McTaggart

Robert John Calkins

Daniel J. Mulhern

John Mark Cenus

Martin John Novak

Ronald Keith Coleman

Sharon Helena Roman

Edward L. Driller

Mary Anne Schaefers

Michael C. Galat

Roy Joseph Smith

Diane Marie Geffert

Debra Anne Stayhue

Patricia Jan Grondz

Susan Mary Stellini

David Brian Jakubiak

Anthony Wesley

Karen Joyce Kaszubinski

Kurt Edward Wilhelm

Gregory Allen Long

ENGINEERING

Roberta Lee Alkire
Harry W. Bedard III
William Bernard Blomquist
Kenneth H. Bloom
Steven Anthony Caito
Mark Ciuffetelli
William Jack Clanton
Mary K. Clor
Carl George Czarnecki
Ronald Clifford Dean
Claude Andrew Dinsmoor
Michael L. Eble
Kenneth Scott Gebbie
David E. Glick
Joseph Michael Grenier
Jeffrey M. Hatt
Jeffrey Duane Hipchen
Edward Albert Holtz
Orest Iwasiuk
Colin Jordan
Michael T. Kubiak
Christopher Michael Lilly
Sandy Dean Mabery

Mark Stanley Maiberger
Brian Patrick McGee
Richard Adam Messmann
Eric Jon Nelson
Michael Andrew Palmer
Sally Mary Parsons
Emmanuel Themis Pervolarakis
Gail E. Powell
Steven John Schauder
Keith Evan Scott
Daniel Joseph Seikaly
Gordon F. Sellars
Bonnie Marie Smith
Brooke Chaffee Smith
John Raymond Spall
Michael Joseph Staley
Donald Walter Stieler
Bruce Edward Stuckman
John David Sutphin, II
Timothy Alan Voss
Brian Kevin Vought
Thomas W. Walker
George Myron Woronowycz

HONORS COLLEGE

The Honors College has been established for highly motivated students to provide an unusually challenging general education along with additional requirements to augment the elected major.

SCHOOL OF ENGINEERING HONORS COLLEGE CANDIDATES, APRIL 1981

Diane Marie Geffert
Brian Patrick McGee

ABOUT HONORS AND AWARDS

On the occasion of commencement, the university offers special recognition to those students who have attained outstanding levels of academic achievement and service.

Students who have demonstrated superior performance in the courses of their major subject area are designated to graduate with Departmental Honors. The faculty of the School of Engineering has elected several graduating seniors to receive Departmental Honors in engineering or in computer science.

The Faculty Senate of Oakland University has established three levels of special distinction to recognize sustained superior academic performance in all subject areas. Students who have completed at least 62 credits of study at Oakland University and whose cumulative grade point average ranges between 3.60 and 3.74 graduate *cum laude*. A student who has earned a grade point average between 3.75 and 3.89 graduates *magna cum laude*. Students attaining the highest academic level, grade point averages of 3.90 and above, graduate *summa cum laude*.

Additionally, the faculty of the School of Engineering has created several special awards to honor graduating seniors who have distinguished themselves by truly outstanding scholarship in engineering studies, by outstanding technical development toward the engineering profession and by exemplary service to the School of Engineering. These special awards are marked by the presentation of certificates and prizes to the recipients and also by the engraving of the recipients' names on permanent commemorative plaques in Dodge Hall of Engineering.

The faculty extends most hearty congratulations to all of the students receiving honors and awards at this commencement exercise.

HONORS AWARDED DECEMBER 1980

DEPARTMENTAL HONORS

Honors in Computer and Information Science

Andrew James Grewe
Jeffrey Benton Keller

Rosemary Ann Nickerson

Honors in Engineering

Edward Bohdanowicz
Thomas Wendell Griebe

Theresa Ann Sieh

UNIVERSITY HONORS

Cum Laude

Thomas Wendell Griebe

HONORS AWARDED APRIL 1981

DEPARTMENTAL HONORS

Honors in Computer and Information Science

William Edwin Bejcek
Ronald Keith Coleman
Michael C. Galat
Diane Marie Geffert
Patricia Jan Grondz
Karen Joyce Kaszubinski

Gregory Allen Long
Terry Ray McTaggart
Sharon Helena Roman
Roy Joseph Smith
Susan Mary Stellini

Honors in Engineering

Roberta Lee Alkire
Steven Anthony Caito
Kenneth Scott Gebbie
David E. Glick
Jeffrey M. Hatt
Edward Albert Holtz
Colin Jordan
Christopher Michael Lilly

Brian Patrick McGee
Sally Mary Parsons
Gail E. Powell
Steven John Schauder
Brooke Chaffee Smith
John Raymond Spall
Michael Joseph Staley
Bruce Edward Stuckman

UNIVERSITY HONORS

Magna Cum Laude

William Edwin Bejcek
Diane Marie Geffert
Karen Joyce Kaszubinski
Brian Patrick McGee
Terry Ray McTaggart
Sally Mary Parsons
Brooke Chaffee Smith
Roy Joseph Smith
Michael Joseph Staley
Bruce Edward Stuckman

Cum Laude

Roberta Lee Alkire
Ronald Keith Coleman
David E. Glick
Sharon Helena Roman
John Raymond Spall

SPECIAL AWARDS

AWARD FOR EXCEPTIONAL ACHIEVEMENT

William Edwin Bejcek

AWARD FOR ACADEMIC ACHIEVEMENT

Brooke Chaffee Smith

AWARD FOR PROFESSIONAL DEVELOPMENT

Roy Joseph Smith

AWARD FOR SERVICE

Laura Anne Payne

BOARD OF VISITORS OF THE SCHOOL OF ENGINEERING

Rupert Atkin	TRW, Inc.
Paul F. Chenea	General Motors Corporation
W. Dale Compton	Ford Motor Company
Sidney D. Jeffe	Transportation Research Center of Ohio
Robert R. Johnson	Burroughs Corporation
Joseph Malus	Rockwell International
Herbert L. Misch	Ford Motor Company
Bruce Pauly	Eaton Corporation
Ernest N. Petrick	Army Tank Automotive Command
William R. Rodger	Rockwell International
George H. Siegel	Bendix Corporation
C.B. Sung	E-S Pacific Corporation
John W. Weil	Bendix Corporation
R. Jamison Williams	R.J. Williams Co.
Frank J. Winchell	General Motors Corporation
John D. Winthrow	Chrysler Corporation

Board of Trustees

The Board of Trustees of Oakland University, appointed by the Governor of the State of Michigan, has final responsibility of approving all university policies, maintaining the university's financial integrity, and insuring its overall advancement. The President of Oakland University and the Secretary and the Treasurer of the Board are appointed by the Board.

David Handleman

David B. Lewis

Patricia B. Hartmann

Alex C. Mair

Richard Headlee
Chairperson

Ken Morris
Vice-Chairperson

Marvin L. Katke

Arthur W. Saltzman

Joseph E. Champagne, President

John H. De Carlo, Secretary

Robert W. Swanson, Treasurer

