
Oakland University Commencement

1984

**Celebrating
A Quarter Century
of Access to Excellence**

**Oakland
University**

A large, stylized, black graphic element resembling a swoosh or a stylized 'O' that curves around the text 'Oakland University'.



The motto, **Seguir Virtute E Canoskenza**, 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 canoskenza.*

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

SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

1:30 p.m.

June 3, 1984

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

MUSICAL ARTISTS

John E. Smith, *trumpet*

Christine Baird, *organ*

PROCESSIONAL

Trumpet Voluntary Jeremiah Clark

RECESSIONAL

Rondeau..... Mouret

PROGRAM

PROCESSIONAL

Thomas G. Windeknecht, *Marshal*
Donald R. Falkenburg, *Deputy Marshal*
Glenn A. Jackson, *Deputy Marshal*

WELCOME

Howard R. Witt, *Interim Dean*

COMMENCEMENT ADDRESS

Lamont Eltinge, *Director of Research*
Eaton Corporation

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

William Arthur Holdsworth, *Graduating Senior*

ALUMNI WELCOME

Rosemary O'Toole
Engineering Alumni Association

VALEDICTION

Joseph E. Champagne, *President*

RECESSIONAL

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

RECEPTION

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 stream 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 1983

MASTER OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Mary Kathleen Bonutti
Patricia Mae Carper
Karen Duncanson
Denise M. Freiwald
Thomas James Goike

Joel P. Hoitenga
Karen Purcell Johnson
Diane Gail McGraw
Scott Douglas Vrooman

ELECTRICAL AND COMPUTER ENGINEERING

Reno V. Ramsey

MECHANICAL ENGINEERING

Richard Edward Meese

SYSTEMS AND INDUSTRIAL ENGINEERING

Kathleen Eniko Simonyi

BACHELOR OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Bradley K. Abel
William R. Bernard
Mark H. Blair
Robert T. Crisan
James Robert Diefenbach
Albert Giannangeli
Timothy Allen Hudson
Paul John Kane
Kay Ellen Kutinsky

Wayne Norman Lampel
Matthew K. Lingle
Jeannette V. Machnis
Randall Walter McDonald
David James Mundy
Mark Richard Nowicki
John Charles Rowe
Fredric Bruce Thelander

BACHELOR OF SCIENCE IN ENGINEERING

COMPUTER ENGINEERING

Robert J. Brys
Afshin Meshkinnafas

Michael Ashton Primrose

COMPUTER AND ELECTRICAL ENGINEERING

Peter Rudolf Keller

Steven Michael Wolfe

ELECTRICAL ENGINEERING

Diane Marie Bick
Karin Lynn Herbart
Daniel J. Irvin
Gordon Frank Mapes
Phyllis Leigh McIntosh

John M. Miller
Rodney R. Rozman
Steven Edward Townsend
Veronika Yakhkind
Rolland Jeffrey Zobel

MECHANICAL ENGINEERING

Farshid Ahmady-Izady
James K. Bougatsos
Brad B. Boyle
Gary Andrew Bruck
William Kevin Chase
Kathleen Lee Conroy
Craig Edward Goniwiecha
Thomas D. Haiderer
David James Kappaz

Mojtaba Khorsandi-Amoli
Robert Stephen Leko
John Daniel McClary
Russell John Ruedisueli
Thomas Walter Schumacher
Robert Eugene Senger, Jr.
David George Thompson, Jr.
David J. Wyatt
Gregory P. Zeug

CANDIDATES FOR DEGREES APRIL 1984

DOCTOR OF PHILOSOPHY

SYSTEMS ENGINEERING

Richard R. Lundstrom, B.S. (M.E.) University of Illinois, M.S.E. University of Michigan.

Dissertation: Traffic Kinetics Incorporating A New Passing PDF and Quantitative Prediction of Traffic Pressure.

Li Wang, B.S. Hsing-Hua University, M.S. Oakland University.

Dissertation: Three-Dimensional Pattern Recognition Using Projected Grating Moire—A Simple Visual System for Robots.

Zhong X. Zhou, B.S. Tsing-Hua University, M.S. Tsing-Hua University.

Dissertation: The Z-Domain Complex Symbolic Method—A Simplified Analysis and Design Technique For Switched-Capacitor Networks.

MASTER OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

James E. Banaszek
Mary Lou DeLauney
David Douglas Drake
John Duncan
Daniel Patrick Gell
Nan May Lee

Denise Marie Parrish
Martha Newkirk Rudkin
Chanda Ashok Sapre
Laurie Tyslan Schumer
William Daniel Wachob

ELECTRICAL AND COMPUTER ENGINEERING

Dilip Chatwani
Zi-Jin Chow
Chiau-chieh Ong

Meera Naresh Raja
Tzuiu-Lin Weng

MECHANICAL ENGINEERING

Louis McDonald Glasgow

SYSTEMS ENGINEERING

Rajender Reddy Manthani

BACHELOR OF SCIENCE

COMPUTER AND INFORMATION SCIENCE

Marianne Adams
Yvette Louise Anklam
Jill Andrea Bonus
Jean Chagnon-Royce
John Vincent Felice
Paul Allen Gammner
Karen Mary Graziano
Laura Anne Ilg
David Steven Jordan
Lori Rose LaVanway
Kathy Yan-Hwa Lee
Thomas William Lewin

Robert Frederick Lieb
Randolph Kirk Morgan
Laurie Ann Perry
Sharon Marie Staniszewski
Patricia Ann Stusek
Roger Burrell Thomas
Thaddeus Daniel Tondera
Lisa Louise Vikstrom
Helen Marie Vittengl
Mark Allen Webb
Susan Marie Weiss
Donald Theodore Wenzel

BACHELOR OF SCIENCE IN ENGINEERING

COMPUTER ENGINEERING

Adam Charles Baranowski
Phillip Gordon Bray
Nick Anthony Cicone
James Henry Mulders
Thomas Albert Nordberg
Michael Gerard Putz

Michael Edward Range
Yock King Teoh
Mildred Van Meter
William Daniel Wigger
Albert K. Win

COMPUTER AND ELECTRICAL ENGINEERING

Jeffrey Wayne Haskell

ELECTRICAL ENGINEERING

John Bengt Abrahamsson
Gerald Wayne Arlow
Raymond J. David
David Dow
Linda Maureen Engebrecht
Terry G. Evans
Mark James Harris
Carrie Danine Jank
Dean Neil Jones

Brian Thomas Kocks
Mark Andrew Krumpoch
Michael Charles Long
William Hubert Mattingly II
Gary Lee Miller
Ronald William Siebensschuh
Kenneth Charles VanOrden
Paul Joseph Weaver
Ronald C. Webber

MECHANICAL ENGINEERING

Robert Lee Becker
David Jordan Benedict
Alireza Emami-Namini
Douglas Joseph Fiorani
Troy David Haddad
Mark Allen Halseth
Donald Gerard Hillebrand
Gerald M. Karl

Pamela Marie Koczkodan
Steven Kokal
Audrey Jeanette Kortas
Abdi Razi Lawassani
Kimberly Ann Mabery
Martha Ann Nelan Mashinter
Carrie Lillian Miller
Bonnie Lee Motl

Evangelos Spiridon Papoulis
Stephen Curtis Parman
Christopher J. Presti
Joseph Michael Ridley

Cheryl L. Signorino
Kyle Theodore Spann
Jonathon Joseph Sudo
Matthew Ward Witte

MECHANICAL AND SYSTEMS ENGINEERING

Rita Mittra

SYSTEMS ENGINEERING

William Arthur Holdsworth
Stephen Leslie Hyde
Zade Marzouk Karadsheh

Diane Marie Murphy
Michael Paul Turski

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 AND COMPUTER SCIENCE HONORS COLLEGE CANDIDATES, APRIL 1984

Jean L. Chagnon-Royce
Karen Mary Graziano
Lori Rose LaVanway
Matthew Ward Witte

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 School Honors. The faculty of the School of Engineering and Computer Science has elected several graduating seniors to receive School 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 and Computer Science 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 and Computer Science. 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 1983

UNIVERSITY HONORS

Cum laude

Mark H. Blair

SCHOOL HONORS

COMPUTER AND INFORMATION SCIENCE

Mark H. Blair

David James Mundy

Timothy Allen Hudson

ELECTRICAL ENGINEERING

Phyllis Leigh McIntosh

MECHANICAL ENGINEERING

Gregory P. Zeug

HONORS AWARDED APRIL 1984

UNIVERSITY HONORS

MAGNA CUM LAUDE

Phillip Gordon Bray
Lori Rose LaVanway

Thomas William Lewin
William Daniel Wigger

CUM LAUDE

Karen Mary Graziano
Stephen Leslie Hyde
Michael Charles Long
William Hubert Mattingly II

Laurie Ann Perry
Patricia Ann Stusek
Michael Paul Turski

SCHOOL HONORS

COMPUTER ENGINEERING

Phillip Gordon Bray
Michael Gerard Putz

William Daniel Wigger

COMPUTER AND INFORMATION SCIENCE

Jill Andrea Bonus
Jean L. Chagnon-Royce
Karen Mary Graziano
Laura Anne Ilg
Lori Rose LaVanway
Thomas William Lewin

Laurie Ann Perry
Patricia Ann Stusek
Roger Durrell Thomas
Lisa Louise Vikstrom
Mark Allen Webb

ELECTRICAL ENGINEERING

Raymond J. David
Mark Andrew Krumpoch
Michael Charles Long

William Hubert Mattingly II
Paul Joseph Weaver

ELECTRICAL AND COMPUTER ENGINEERING

Jeffrey Wayne Haskell

SYSTEMS ENGINEERING

Stephen Leslie Hyde

Michael Paul Turski

SPECIAL AWARDS

AWARD FOR EXCEPTIONAL ACHIEVEMENT

Laurie Ann Perry

AWARD FOR ACADEMIC ACHIEVMENT

Charles E. Pope

AWARD FOR PROFESSIONAL DEVELOPMENT

William Daniel Wigger

AWARD FOR SERVICE

Michael Paul Turski

BOARD OF VISITORS OF THE SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Betsy Ancker-Johnson	General Motors Corporation
Rupert Atkin	Automotive Worldwide
Lamont Eltinge	Eaton Corporation
Robert A. Frosch	General Motors Corporation
S.D. Jeffe	Sheller-Globe Corporation
Robert R. Johnson	Energy Conversion Devices
C.R. Lindell	Lamb Technicon Corporation
Joseph Malus	Rockwell International
H.L. Misch	Ford Motor Company
E.N. Petrick	General Dynamics Corporation
William R. Rodger	(Retired Rockwell International)
George H. Siegel	The Bendix Corporation
C.B. Sung	E-S Pacific Corporation
John W. Weil	The Bendix Corporation
Jamison Williams	R.J. Williams Company
John D. Withrow	Chrysler Corporation

OAKLAND UNIVERSITY BOARD OF TRUSTEES

Oakland University is a legally autonomous state institution of higher learning. Legislation creating Oakland University as an independent institution, separate from Michigan State University, was established under Act No. 35, Public Acts of 1970. The university is governed by an eight-member board of trustees appointed by the governor with the advice and consent of the state senate. The president of the university is appointed by the board of trustees and is an ex officio member without vote. The board also appoints a secretary and treasurer.

Ken Morris, Chairperson
Alex C. Mair, Vice Chairperson
David Handleman
Patricia B. Hartmann
Richard H. Headlee
Wallace D. Riley
Arthur Saltzman
Howard F. Sims

Joseph E. Champagne, President
John H. De Carlo, Secretary
Robert J. McGarry, Treasurer

