

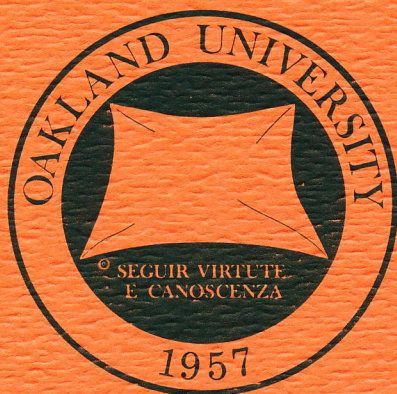
6-3-78

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Oakland University Commencement 1978





The motto, **Seguir Virtute E Canoscenza**, has a very distinguished origin, Canto XXVI, l. 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

4:00 p.m.

JUNE 3, 1978

VARNER RECITAL HALL

PAULA AND WOODY VARNER HALL

OAKLAND UNIVERSITY

Rochester, Michigan

MUSICAL ARTISTS

Kent McDonald, *organ*
John Smith, *trumpet*

Trumpet Voluntary Henry Purcell

PROGRAM

PROCESSIONAL

Donald R. Falkenburg, *Marshal*

WELCOME

Mohammed S. Ghausi, *Dean*

COMMENCEMENT ADDRESS

Alex C. Mair

Vice President of General Motors and

General Manager of Pontiac Motor Division

PRESENTATION OF UNIVERSITY HONORS

PRESENTATION OF SPECIAL AWARDS

PRESENTATION OF CANDIDATES FOR THE Ph.D. DEGREE

PRESENTATION OF CANDIDATES FOR THE MS DEGREE

PRESENTATION OF CANDIDATES FOR THE BS DEGREE

ALUMNI WELCOME

A. Warren Turski

Member Engineering Alumni Association

VALEDICTION

Donald D. O'Dowd, *President*

RECESSIONAL

RECEPTION

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

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 professorial 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 Wayne State 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 extraordi-

nary 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: green for medicine, purple for law, scarlet for theology, 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 recession 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 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 recession 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 GRANTED DECEMBER 1977

BACHELOR OF SCIENCE — Engineering

Mark Allan Bedard
August James Blumline
Alan Lee Bykowski
Gregory Lee Connors
Peter H. Creutz
James Anthony Daley, Jr.
Thomas John Fedewa
Peter Ferdinand Fredrickson

Paul Gordon Karas
Saleh Khalil Khalaf
Dennis Gene Kinder
Andrew John Kurrasch
George William Mann
Philip Vincent Mohan
David Michael Sidlosky
Bobby Jean Sneed

BACHELOR OF SCIENCE — Computer and Information Science

Arthur Louis Emil Schumacher II
David Henry Todd

CANDIDATES FOR DEGREES APRIL 1978

DOCTOR OF PHILOSOPHY — Systems Engineering

Burdette Terry Beck, B.S., M.S., Oakland University.
Dissertation: *A Generalization of the System Mean Void Fraction Model with Applications to Transient Two-Phase Evaporating Flows.*

Bushan L. Bhatt, B.E., University of Rajasthan, M.E., Birla Institute of Technology in Science.
Dissertation: *An Experimental and Theoretical Study of Various Transient and Unstable Flow Phenomena in Two-Phase Condensing Flow Systems.*

Howard C. Crabb, B.S., M.A., University of Detroit.
Dissertation: *An Adaptive Recognition Algorithm for the Automatic Detection of Straight Line Segments.*

MASTER OF SCIENCE — Engineering

Maha Ashamalla
Walter Thomas Enczur
Richard Alan McCormick
Alejandro Garza Rivera
Larry Joseph Spezia

BACHELOR OF SCIENCE — Engineering

Robert Thomas Barry
Paul Robert Bauer
James Scott Bradford
Robert Bruce Cavanaugh
Matthew John Champlin
Karl Robert Clements
Christopher John Clos
Susan Marie Cohea
Samuel Luther Cole III
Russell Grant Craze
Alfred L. Davis
Floyd James Dobson
Wolodymyr Myron Dudun
Mark Alan Freeborough
Larry Edward Frincke
Patricia Lynn Galardi
Gregory Paul Gee
Wyatt William Gee
Karen Ann Geletka
Fredrick Thomas Gerometta
Angelos Haritos
Don D. Harlan II
Deborah Jeanne Harvey
Raymond Jerard Hebert
Michael Raymond Hawarny
Alfred James Hildreth

Robert Dennis Hogan
Vanessa Gail Hogan
Gerald Ray Honkanen
David Charles Hood
Lloyd Blane Huhn
Alexander I. Jowa
Regis Paul Klingler
Gary Stephen Lauinger
Lawrence Lee Lieb
Randall Milan Mahnke
Robert Gordon Malcolm
Daniel Joseph Maurer
Michael Charles McCarthy
Sandra Ann Miller
Constantin Munteanu
Brian Francis O'Neil
Todd Franklin Persells
Kenneth Randazzo
Jeffrey C. Reynolds
Joanne Lee Rich
Nancy Elizabeth Richards
Thomas W. Richardson
Keith W. Rosenau
Rodney Steven Rosiek
Marty E. Sabo
John Gregory Schmidt

Thomas Joseph Schramski
Susan Rebecca Shammamy
Betty Jean Shaw
David Edward Sladewski
Robert Gerard Stack
David Carl Stieler
William Louis Stieler

Terry C. Thiel
Richard Anthony Tischler
Dale Herbert Weiss
Sersena M. White
Terry Robert Wilton
Mohammed Ziaullah

BACHELOR OF SCIENCE — Computer and Information Science

Nancy Lee Buerger
Sharon Marie Burlingame
William Curtis Haga
J. Thomas Halliley
Kurt Arthur Kaufman

Melissa Anne Ksar
Thomas Peter Misicko
Michael W. Read
Jennynne Isabelle Spezia
Vicki Lynn Wright

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.

DEPARTMENTAL HONORS AWARDED DECEMBER 1977

ENGINEERING

Mark Alan Bedard
August James Blumline
David Michael Sidlosky

COMPUTER AND INFORMATION SCIENCE

David Henry Todd

UNIVERSITY HONORS AWARDED APRIL 1978

SUMMA CUM LAUDE

James Scott Bradford

MAGNA CUM LAUDE

Sharon Marie Burlingame
Susan Marie Cohea
Thomas W. Richardson

CUM LAUDE

Kurt Arthur Kaufman
Vicki Lynn Wright

DEPARTMENTAL HONORS AWARDED APRIL 1978

ENGINEERING

James Scott Bradford
Susan Marie Cohea
Samuel Luther Cole III
Gregory Paul Gee
Raymond Jerard Hebert
Alfred James Hildreth
Gerald Ray Honkanen
Regis Paul Klingler
Daniel Joseph Maurer
Joanne Lee Rich
Thomas W. Richardson

COMPUTER AND INFORMATION SCIENCE

Nancy Lee Buerger
Sharon Marie Burlingame
Kurt Arthur Kaufman
Vicki Lynn Wright

BOARD OF VISITORS OF THE SCHOOL OF ENGINEERING

Paul F. CheneaGeneral Motors Corporation

W. Dale ComptonFord Motor Company

Robert R. JohnsonBurroughs Corporation

Herbert L. MischFord Motor Corporation

Ernest N. PetrickArmy Tank Automotive Command

C. B. SungCleveland Metal Abrasive, Inc.

John W. WeilBendix Corporation

R. Jamison WilliamsLear Siegler, Inc.

Frank J. WinchellGeneral Motors Corporation

Board of Trustees

The Board of Trustees of Oakland University, appointed by the Governor of the State of Michigan, has final responsibility for 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.

Ruth H. Adams

Alex Mair

Richard Headlee

Ken Morris

Marvin L. Katke

Arthur W. Saltzman

David B. Lewis
Vice Chairperson

Alan E. Schwartz
Chairperson

Donald D. O'Dowd, President

John H. DeCarlo, Secretary

Robert W. Swanson, Treasurer

