

# Oakland University Commencement 1983







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 AND COMPUTER SCIENCE

10:00 a.m.

June 4, 1983

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

Howard R. Witt, *Marshal*  
Donald R. Falkenburg, *Deputy Marshal*  
Glenn A. Jackson, *Deputy Marshal*

## WELCOME

Mohammed S. Ghausi, *Dean*

## COMMENCEMENT ADDRESS

Keith R. Kleckner, *Senior Vice President for University Affairs and Provost*

## 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.E. AND B.S. DEGREES

## SALUTATION

Mark R. Shermetaro, *Graduating Senior*

## ALUMNI WELCOME

Diane M. McGee  
*Engineering Alumni Association*

## VALEDICTION

Mohammed S. Ghausi, *Dean*

## RECESSIONAL

*The audience is requested to stand and remain standing during the processional and the 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 1982

## MASTER OF SCIENCE

### COMPUTER AND INFORMATION SCIENCE

Anjali Mital  
Cecilia Mary Novak

Julie L. Smith  
James Fletcher Towers

### ELECTRICAL AND COMPUTER ENGINEERING

Gary Joseph Burlak  
Gabriel S. Castelino

Snehal Sharad Shah

### MECHANICAL ENGINEERING

Colin Jordan

Joseph L. Stout

## BACHELOR OF SCIENCE

### COMPUTER AND INFORMATION SCIENCE

Kim Marie Dunn  
Jeffrey D. Eliaz  
David Alan Figurski  
Mark Edward Hartmann  
Elizabeth Ann Hughes  
Michael Valentine Keith  
Julie Marie Komarzec

Jacqueline Wing Yee Lai  
Fern Marie Overbaugh  
Florence Mary Ring  
Joyce Anne Taylor  
Linda Marie Terbush  
Lee Kent Wenk

## BACHELOR OF SCIENCE IN ENGINEERING

### COMPUTER ENGINEERING

Steven Alan Edwards  
Marc Kendall Fowler

Scott Howard Phillips

### ELECTRICAL ENGINEERING

Fahad Mobarak Al-Dolaimi  
Ronald Patrick Brombach  
Mauro Joseph Dresti  
Diane Marie Fogoros  
Linda Ann Griggs  
Reginald Morris Groom

Nader Khorsandi-Amoli  
Scott Edward Martin  
Keith Joseph McCormick  
Stuart Craig Salter  
Gerry Norman Schultz  
Kelly Joan Stashko

### MECHANICAL ENGINEERING

Oi Ling Irene Lee Davies  
Greta Louise Fuller  
Peter Michael Grinsell  
Eivind Hansen  
James David Hill  
Wayne I. Hill, Jr.  
Wayne K. Jones

Kurt William Kremidas  
Linda Jean Lynch  
James Calvin Paul  
Christopher Kenneth Pennington  
Kevin Robert Taukert  
Christopher G. West



## **SYSTEMS ENGINEERING**

Kurt D. Looch  
Lee Anne Olszewski

Rachel Rhonda Reed

# **CANDIDATES FOR DEGREES APRIL 1983**

## **DOCTOR OF PHILOSOPHY**

### **SYSTEMS ENGINEERING**

Juro Takezaki, B.S. Sagami Institute of Technology, M.E. Saitama University,  
M.S. Purdue University.

Dissertation: Further Development of Speckle Shearing Interferometer for Strain  
Measurement.

## **MASTER OF SCIENCE**

### **COMPUTER AND INFORMATION SCIENCE**

Wayne Robert Carr  
Robert Melvin Goodfliesh  
Steven Frederick Hattey  
Timothy James Holtfreter  
Gerald Ray Honkanen

Harry R. Javens  
Pierre Alexander McDougall  
Paul Andre Michaud  
Judith Marie Neal

### **ELECTRICAL AND COMPUTER ENGINEERING**

Steven Anthony Caito  
James Michael Graziano  
Teresa Ann Hurst  
Thomas James Mangliers

Bruce Edward Stuckman

### **MECHANICAL ENGINEERING**

Joseph Michael Lendway IV

Eugene H. Polan, Jr.  
Mark J. Weiss

### **SYSTEMS AND INDUSTRIAL ENGINEERING**

John Andrew Weller

## **BACHELOR OF SCIENCE**

### **COMPUTER AND INFORMATION SCIENCE**

Jerome Francis Agattas  
Sheryl Jean Anderson  
Dean Allen Arnold  
Cynthia A. Bain  
Christine Diane Burke  
John Edgar Burnham, Jr.

Raymond Eugene Cullen, Jr.  
Susan M. Desmet  
Daniel Raymond DeVoe  
Kimberly Sue Dick  
Steven Eric Dreim  
Ron Michael Flannery

Steven Lawrence Gaiser  
John Everett Gave  
Peter Nicholas Gilbert  
Paul Joseph Grumeretz  
Jose Anton Hamameh  
David Lawrence Hofmann  
Larry Robert Kandel  
Brian David Kitts  
Ronald Lee Kwapis  
Veera Laochariyakul  
James Owen Latham  
Vira M. Lechniak  
Steven Carl McClain  
Maura Evalyn Mittelstadt  
Grant Eric Morisette

Matthew David Myers  
Heidi Alma Pfeiffer  
Laurie Jo Pivitt  
Sandra-Lee G. Powers  
Michael Paul Stafford  
Michael Andrew Sullivan  
Richard Charles Sullivan, Jr.  
Jan Annette Switzer  
Danielle Marie Templeton  
Joanne Marie Thompson  
Patricia K. Thuringer  
Carl Frank Unholz, Jr.  
Christopher J. Walter  
Thomas Edward Watt  
Timothy Edward Welch

## BACHELOR OF SCIENCE IN ENGINEERING

### COMPUTER ENGINEERING

Richard W. Brauker  
John Russell Ficht  
William Francis Jenuwine

Aloysius Benedict Knasinski II  
Frank I. Pereira  
Kimberly Anne Tuscany  
Steven L. Watts

### ELECTRICAL ENGINEERING

Afzal Afghan  
Michael James Belczynski  
Thomas Gerald Burke  
Susan Lynn DeYoung  
Michael Stephen Dobra  
Leslie Gordon Ferris  
Gordon Thomas Geheb  
Julia Gopp  
Elissa B. Gould

Russell A. Hardy  
Mark Paul Johnson  
Mater Hassan Kunji  
John Anthony Millen  
William Paul Pfaff  
Daniel Charles Phelps  
Charles Michael Quinn  
Michael Steven Spack

### MECHANICAL ENGINEERING

David R. Bailey  
Martin Wayne Berger  
Pamela A. Bertrand  
Jeffrey Allen Borchardt  
Linda Sue Brainer  
David Thomas Brender  
David Dokmanovich  
Walter Earl Fitzgerald III  
F. David Khadra  
Phyllis Ruth Lambert  
Brian Edward Lee  
Ronald Dirk Papke  
Robert Thomas Pelky

Lori Therese Reidel  
Roger Allen Rossman  
Glen P. Roumayah  
Anthony Francis Schmandt  
Robert A. Shallman  
Gregory Elvan Smith  
Wallace Patterson Smith  
Dietrich Paul Sneideraitis  
Behzad Sohizad  
Donna Lynn Taylor  
Patrick Thomas Thibodeau  
Eugene Charles Warman  
Gregory Thomas Weber

## MECHANICAL AND SYSTEMS ENGINEERING

Mark Robert Shermetaro

## SYSTEMS ENGINEERING

Patrick J. Dlugie

Mohamad Hassan Elhage

Daric William Escher

Douglas Scott Harvey

John Curtis Jonas

Norm Joseph Malek

H. Dean McGee

David Stephen Nacy II

## 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 1983

Dean Allen Arnold  
David Lawrence Hofmann



# 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 1982

### UNIVERSITY HONORS

*Summa Cum Laude*

Joyce Anne Taylor

*Magna Cum Laude*

David Alan Figurski

Kim Marie Dunn

*Cum Laude*

Linda Ann Griggs

### DEPARTMENTAL HONORS

#### COMPUTER AND INFORMATION SCIENCE

Kim Marie Dunn

David Alan Figurski

Joyce Anne Taylor

#### ENGINEERING

Kim Marie Dunn

Diane Marie Fogoros

Linda Ann Griggs

# HONORS AWARDED APRIL 1983

## UNIVERSITY HONORS

### *Summa Cum Laude*

Aloysius Benedict Knasinski

### *Magna Cum Laude*

Steven Lawrence Gaiser  
William Francis Jenuwine  
Ronald Lee Kwapis  
Eugene Charles Warman

### *Cum Laude*

Raymond Eugene Cullen, Jr.  
Daniel Raymond DeVoe  
Darc William Escher  
F. David Khadra  
Matthew David Myers  
Michael Paul Stafford

## DEPARTMENTAL HONORS

### COMPUTER AND INFORMATION SCIENCE

Jerome Francis Agattas  
Raymond Eugene Cullen, Jr.  
Daniel Raymond DeVoe  
Steven Lawrence Gaiser  
Larry Robert Kandel  
Ronald Lee Kwapis  
Matthew David Myers  
Michael Paul Stafford  
Thomas Edward Watt

### ENGINEERING

Martin Wayne Berger  
Richard W. Brauker  
Darc William Escher  
Elissa Bernice Gould  
Russell Alan Hardy  
William Francis Jenuwine  
Fouad David Khadra  
Aloysius Benadict Knasinski II  
Brian Edward Lee  
Harry Dean McGee  
Anthony Francis Schmandt  
Mark Robert Shermetaro  
Eugene Charles Warman

## SPECIAL AWARDS

### AWARD FOR EXCEPTIONAL ACHIEVEMENT

Eugene Charles Warman

### AWARD FOR ACADEMIC ACHIEVEMENT

Joyce Anne Taylor

### AWARD FOR PROFESSIONAL DEVELOPMENT

Brian Edward Lee

### AWARD FOR SERVICE

Mark Robert Shermetaro

# BOARD OF VISITORS OF THE SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Betsy Ancker-Johnson .....	General Motors Corporation
Rupert Atkin .....	Automotive Worldwide
Paul F. Chenea .....	(Retired General Motors Corporation)
W. D. Compton .....	Scientific Research
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



# 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

Patricia B. Hartmann

Richard H. Headlee  
Chairperson

Alex C. Mair

Ken Morris  
Vice-Chairperson

Wallace D. Riley

Arthur W. Saltzman

Howard F. Sims

Joseph E. Champagne, President

John H. De Carlo, Secretary

Robert J. McGarry, Treasurer



