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**Commencement Programs** 

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# Commencement Program, 5-26-1968

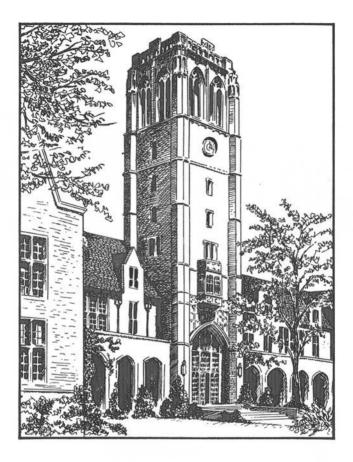
John Carroll University

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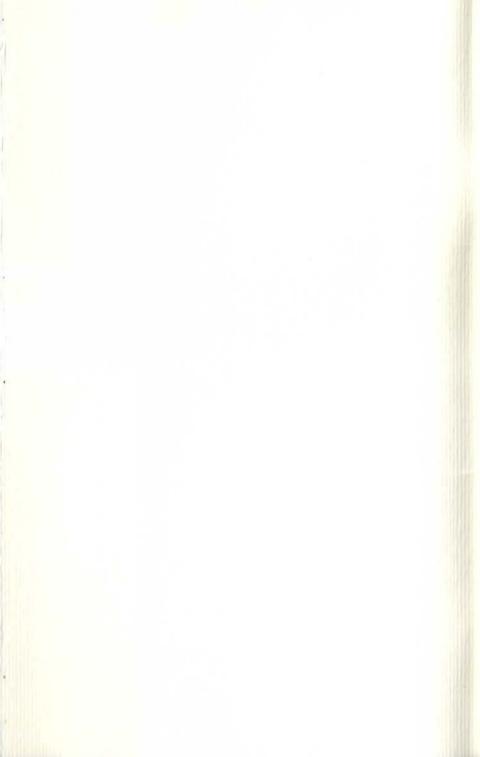
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# Commencement

Four O'Clock P.M., Sunday, May 26, 1968

JOHN CARROLL UNIVERSITY



# ORDER OF EXERCISES

Processional

# INVOCATION

Reverend Thomas P. Conry, S.J., Ph.D Academic Vice President

# ADDRESS TO THE GRADUATES

The Honorable Glenn T. Seaborg, Ph.D., L.L.D., Sc.D. Chairman, United States Atomic Energy Commission

# CONFERRING OF DEGREES

Very Reverend Joseph O. Schell, S.J., A.M., S.T.L. President of John Carroll University

## BENEDICTION

Most Reverend Clarence E. Elwell, D.D., Ph.D. Auxiliary Bishop of Cleveland Vicar General Episcopal Vicar for Education

Recessional

# DEGREES IN COURSE

# COLLEGE OF ARTS AND SCIENCES

Candidates will be presented by

## Reverend Laurence V. Britt, S.J., S.T.L., Ph.D.

Dean

Bachelor of Arts in Classics

Edward William Gozdowski, magna cum laude Patrick Henry Kaine John Edward O'Breza, cum laude Terrence John O'Malley, cum laude Daniel Gilbert Tobin Andrew W. Tymowski, cum laude

## Bachelor of Arts

Alexander Badih Abood **Richard Michael Angelo** James Whitney Armstrong, Jr. Robert Ellis Arsham Joseph Eliot Austin, III Marcelino Avila Edward Paul Bacho Thomas Andrew Baltus Michael Francis Barone Michael David Beck Grant Thomas Becker Peter Thomas Becskehazy John James Belko David John Bernardi. in absentia **Ronald Thomas Bircher** Csaba Andrew Bodor James Durning Border Glenn Roy Bordfeld Frank Habuda Bort Gerald Joseph Breen James Paul Breig

Thomas Michael Brennan Michael Edward Brooks **Raymond Charles Burchyns** David Michael Burdelak. in absentia Michael Eugene Bushi Paul Emilio Cadamagnani Leonard Michael Calabrese. magna cum laude Thomas Kevin Callanan Leland Eston Campbell Francis Edward Canda Donald Edward Caravona Patrick Joseph Cassidy Robert Raymond Ciolek, cum laude Walter Thomas Clark, cum laude John Aloysius Coakley, III Peter John Collins James Robert Conroy, Jr. Michael John Cosgrove

Michael Francis Coyne Richard Joseph Cozzone Floyd Anthony Crognale Thomas Francis Cunningham, Jr. David Joseph Cusick Cary John Czarnecki William Francis Daley, Jr. Raymond Anthony D'Angelo Frank Darpli John Joseph Demar Edmond Gerard Donoghue Michael John Donovan Edward Michael Dowling James Michael Dugo William Michael Eichenberg, Jr. Thomas Patrick Enright Lee Maurice Evans John Francis Faulhaber, cum laude John Patrick Fitzgerald Michael William Flanagan Clayton Richard Frishkorn James Allen Fryer Thomas James Gagliardo James Richard Germalic Philip Joseph Giacinti John Joseph Gillick, magna cum laude Wayne Paul Gleixner John David Glowe. in absentia Dennis Michael Glynn Patrick John Gnazzo Theodore Lucian Gordyan John C. Grochot Robert Emmett Hannan Fred Andrew Hartman, Jr. James Earl Hoffman Dwight Blaise Hunady Gerard Huot, S.S.S., cum laude Michael Owen Hurley Phillip Michael Jacobs Anthony John Jader. in absentia **Timothy Bayne Janos** John Jerome Jarosz Joseph Robert Jerman Francis Xavier Jeskulski **Charles** Johns Allan Lawrence Jones Andrew Joseph Jurchenko Mark Anthony Kadzielski, magna cum laude Michael George Kanda James Edward Kanuch. cum laude Matthew Stanley Kapinski

Stephen Neil Karlan William Michael Karnes, cum laude **Robert Mark Kaschak** Richard Alan Kassar Sheldon J. Kelman Patrick Michael Klein Gary Edward Klesch Denis Charles Klinec. in absentia **Terry Klucher** Gerald Martin Klug, in absentia Michael Martin Kolbenschlag Edward Leo Kollin William John Konkoy Philip Francis Koren William Michael Koziol Warren Richard Krasman Raymond Felix Kress Martin Ansis Krumins Richard Allen Kutina, magna cum laude Berton Michael Kutnick Warren Thomas LaFray Walter Gibbons Lyons, magna cum laude Stephen John McCann Robert Alan McFarland Dennis Francis McGraw, cum laude Michael James McHale, Jr. Philip Joseph McKeating, Jr., in absentia Robert Martin McNamara, Jr. Gale Joseph McNeeley Daniel Edward MacDonald Michael Philip Malone, cum laude George Peter Maloney, III Allen P. Maragliano Edward C. Martin **Russell Francis Maruna Richard John Masiello** Thomas James Merriman Thomas Patrick Mullin Dennis Patrick Murnighan Albert Thomas Musca Scott F. Nehoda Thomas Joseph Nicholson, in absentia John Neil O'Donnell William J. Parker, Jr. David Michael Pendergast Timothy James Peppard **Charles Paul Petruccio Robert John Petruccio Robert Rance Pistana** 

Frank James Pitrelli Theodore Pope, magna cum laude James Matthew Quilter Michael James Quinn Christopher Burt Rich Thomas Michael Riebe Leonard William Ringenbach, cum laude Gary David Ritchie James Gordon Robinson Andrew Paul Roth, Jr. Mark Lee Savickas. cum laude James William Shea Mark Cable Sidner Tracy Francis Smith Glenn David Sobola, cum laude Joseph Francis Sobotka Thomas Francis Sorna James Anthony Spicuzza, cum laude Ronald Stanish Charles Percy Stanley, III

Francis Patrick Straub, Jr. James Hugh Sullivan Raymond James Svoboda George Robert Tecca John Michael Telzrow Anthony Joseph Tizzano Thomas Edward Toohig John Andrew Toppel Frank Anthony Tricomi, in absentia James G. Trope William Joseph Trost Thomas John Udovic James Richard Valentine Dennis A. Valot Thomas Joseph Valus Laszlo Varga, Jr. Patrick Kenneth Walsh Robert Kim Walton Frank John Wardega Carl John Weber Thaddeus Francis Weselak Gerald William White John Lawrence Zavislak

## Bachelor of Arts in Social Science

Patrick James Holland

## Bachelor of Science

Robert John Adams, magna cum laude Phillip Edward Balmenti Raymond Denis Bartz Robert Forrest Belknap Peter Robert Bernardo, Jr., in absentia Jacob Raymond Blasius Philip Lee Boehmer Charles Arthur Bryan, cum laude Russell Joseph Bucaro Terence Robert Burns, cum laude Michael Louis Callery Donald Dominic Campopiano Thomas Eugene Cashero, cum laude

**Richard Philip Chepey** Thomas Edward Ciciarelli Robert Wesley Clark, Jr. **Edward Francis Crawford** John Martin Davenport Thomas Richard Dee James B. Donahue Michael Dufala Daniel Thomas Eagleeye Robert John Fabien **Roderick Paul Frasher** Daniel Joseph Gauntner Ernest Paul Guter, cum laude Paul Cole Hayes, Jr., cum laude Keith Raymond Holan Philip Edward Jarzen

Kevin Martin Kane. cum laude Lynn James Kern Kenneth Joseph Klak, cum laude Dennis Bernard Kmetz Thomas Vincent Kretschmer Brian W. Lieb Stephen Victor Lihwa Robert William McKimm Paul Francis McManamon. cum laude John Donald Macintyre Jerry Wayne Martin Bruce Allen Massau Thomas John Morrison Ronald Anthony Mozeleski Jeffrey Francis Munson Vincent Charles Opaskar Lawrence Mark Palmer William Anthony Pappas

Ted Steven Peterson Bruce Paul Rand Michael William Rooney Edward Douglas Ruszkiewicz, magna cum laude Thomas Paul Satyshur, Jr. Leo Joseph Schneider, Jr. Richard Edward Schwarz David Michael Sinar. cum laude Mark N. Soble Robert Theodore Spangler, cum laude Thomas Michael Spicuzza Thomas Fildane Street Donald James Wascovich Walter A. Wozniak John Francis Wyar Edward Lawrence Zimmerlin Daniel Alan Zydowicz, cum laude

## UNIVERSITY COLLEGE

Candidates will be presented by

### Reverend Laurence V. Britt, S.J., A.M., S.T.L., Ph.D.

Dean

## Bachelor of Arts in Classics

Diana Eileen Davenport, cum laude

## Bachelor of Arts

Deeann Marie Arth, cum laude Stephen Vincent Barreca Christopher George Binker, cum laude Robert Paul Binkley Raymond George Brockman Alvina A. Buleza Joan Christine Carlin John Peter Cleary James Joseph Clinger John William Davies Mary-Jo Diemer Mary Catherine Drain Virginia C. Drake, cum laude Patricia Ann Dzuban Patricia Angela Eafanti Joseph Charles Ebner, in absentia Harvey Bernard Firestone, in absentia Peter Francis French Jack Wayne Fyffe Jeffrey Michael Garvin, in absentia Barbara Ann Gilmore Alfred Charles Grisanti

Patrick Hanlon Mary Louise Hlivak, magna cum laude George Martin Horrigan Joan Rita Kluber Louis Joseph Koestner Kathryn Mary Kosnosky Adele Elizabeth Kozar, magna cum laude Maria LoTauro Lynda G. Lowe Carol Ann McCarthy Michael Eugene McKenna, magna cum laude in absentia Susan Elizabeth McVay, magna cum laude Ann Marie Hayek Marcy Peter Nicholas Meros Joseph James Miklich John Alfred Mischka Edwin R. Mugridge, III

Madeline Ann Muller Sheila Ellen Murphy Kathleen Louise Norris, cum laude Kevin James O'Connor John Richard Olwert Brian Patrick O'Neill Mary Catherine Philbin Sister Mary Juliana Podraza, O.S.F.K. David Irwin Reich Marie Ann Sexton Mary Lee Shantz Thomas John P. Smith Elaine Grusky Sobecks, magna cum laude Thomas Michael Sullivan Charles Thomas Tamoney Virginia M. Thomas, cum laude Rev. John Vasek Donna Marie Wiecek Maximilian Steven Wojtylak

## Bachelor of Science in Social Science

Kenneth Vincente Gorslene, cum laude Robert James MacLeod, in absentia Patrick John Rericha

## Bachelor of Science

George Joseph Chegin, Jr. William Aloysius Gilroy Randolph M. Heinle, D.O., *in absentia* Margaret Ann Janek Jane Christine Mullian John Charles Nowakowski Cecilia Jean Persin Patricia Maureen Reilley, *magna cum laude* John Arthur Soucek Cynthia Germaine Steagler Marcia Joan Steagler

## SCHOOL OF BUSINESS

### Candidates will be presented by

# Arthur J. Noetzel, M.B.A., Ph.D.

### Bachelor of Science in Business Administration

David James Acker **Donald Patrick Andrews** Robert A. Baker Thomas Alan Bayless Gerald Frank Blankschaen Earl Lee Blaser, Jr. **Terrence Michael Campbell** Lawrence A. Caponigri Charles Michael Ciuni, cum laude Michael A. Cohn Thomas Louis Deback Louis Lee DeNinno Daniel Edward Dolney Philip James Domenico, Jr. John Joseph Donich, cum laude James Michael Elshaw Eugene John Feczko Vincent Patrick Flood, Jr. Donald Joseph Forlani, cum laude Stephen F. Galli **Robert Edward Garriga** Donald Edward Gehrlein James Thomas Gornik Howard N. Gottlieb Raymond Edward Grace Gary Paul Gwozdzik Matthew Martin Haley, Jr. John Edward Haluska Henry John Hebing, cum laude Robert John Heineman Alvin E. Hensel Joseph Valentine Hocevar William Paul Hulligan Michael Parks Hurley Arthur William Ingram Donald Lee Intihar Paul Anthony Kalister Michael Kandrac Lawrence P. Kennard Robert E. Keown, in absentia Thomas Francis Kerins, Jr.

John Michael Kernan Dean L. Kinley Richard Joseph Kozak Wayne James Krupitzer Fred Kuhar, cum laude **Richard Jerome Lancaster** Howard Neil Levy Bernard Steven Lindway Charles Anthony Mancuso Michael Francis Marguerite Samuel J. Milicia John Timothy Miller Paul A. Mockenhaupt Alan Edward Murdell William Nogosek Ernest Joseph Novak, Jr. Thomas Henry Oden Fabian Nnanna Odudo John Michael O'Gara, Jr. David Phillip Parina George William Perz John L. Phillips James Stanley Pietraszek Michael Walter Popen Charles Dolan Richards James Edward Rosenbaum Paul Walter Salay Michael Thomas Sevel, Jr. John Sherwin, Jr. **Charles Thomas Simon** John J. Smith Stephen J. Stephens, cum laude Raymond Stephen Strnisa Maurice J. Sullivan, Jr. Dennis John Tellep Gary D. Theus William A. Thomas Richard Joseph VanEtten Dale William Wall Robert P. Weidner John O'Neill Winchester **Richard Joseph Winter** Thomas Francis Yuhas

## Bachelor of Science in Economics

Michael Joseph Devine William J. Dulka, magna cum laude Edward John Echle, in absentia David Paul Fox, magna cum laude William T. Haas Thomas G. Kelley Daniel T. Lis Montague J. Lord Daniel R. Mittendorf Robert Michael Nelson Thomas Richard O'Connor Daniel Anthony Perhay Douglas H. Rawlings William Thomas Schroeder William Charles Spellacy Thomas James Stoklas Terrence Joseph Thomas

## Certificate in Business Administration

Richard Allan Bluestone

David Lee Roman

## Sequence in Business Administration

Donald Lawrence Kennedy

Carl F. Smocinski

# HONORS SCHOLARS OF THE UNIVERSITY

Graduates—May 1968

Charles Arthur Bryan Daniel Thomas Eagleeye Edward William Gozdowski Mark Anthony Kadzielski Terrence John O'Malley Patricia Maureen Reilley Richard Edward Schwarz Robert Theodore Spangler Andrew W. Tymowski

# GRADUATE SCHOOL

## Candidates will be presented by

## Donald P. Gavin, A.M.

Dean

## Master of Arts

PATRICIA LOUISE BAREY, A.B. ..... Seton Hill College, 1964 Essay: The Theme of Penance in Sir Gawain and the Green Knight.

JOHN EDWARD BODNAR, A.B.....John Carroll University, 1966 Thesis: The Senate Career of Mark Hanna, 1897-1904.

SISTER MARY ANASTASIA BUDAI, D.D.R., B.S., in Ed.

St. John College, 1952

- Essay: A Comparative Study of the Administrative Practices for Meeting the Academic Needs of the Gifted in the Elementary Schools of the Diocese of Pittsburgh.

- BARBARA ANN CHAMBERS, A.B...... Mercyhurst College, 1960 Essay: A Study of the Academic and Family Background of Achievers and Non-Achievers in Chemistry at John F. Kennedy High School.
- JOHN DAVID DALY, A.B....John Carroll University, 1965 Essay: The Negro Position in the Southern Suffrage System, 1877-1900.
- RITA JANE DECARLO, B.S. in Ed..... Kent State University, 1962 Essay: Academic Achievement of Dormitory Versus Off-Campus Freshmen who Entered John Carroll University in the Fall of 1966.

JEANNE ALICE DETERS, A.B. Our Lady of Cincinnati College, 1966 Essay: The Elizabethan Quality of Byron's Lyric Poetry. MARIAN ELIZABETH DILGER, A.B.

St. Mary-of-the-Woods College, 1966 Essay: The Verse and Letters of William Shenstone.

JAMES ARTHUR EBERT, A.B.....John Carroll University, 1966 Thesis: The Role of the Soviet Union in the League of Nations 1934-1939. SYDELLE EMERMAN, A.B....John Carroll University, 1946 Essay: Andrew Marvell's Political Poetry as Seen in the Light of Restoration Historical Events.

ROBERT EUGENE ENGSTLI, B.S.S. John Carroll University, 1964 The Special Reading Program at Carl F. Shuler Essav: and Thomas Jefferson Junior High Schools.

Essay: French Influences on English Preciosity: 1625-1664.

CAROL JEAN GILLES, A.B. Ursuline College, 1953 Selective Critical History of Nathaniel Hawthorne's Essay: The Blithedale Romance.

FRANCIS WILLIAM GURA, JR., B.S.S. John Carroll University, 1959

Essav: A Profile of General Business Students of Elyria District Catholic High School.

JOSEPH ANDREW HAMBOR, B.S. Lake Erie College, 1964 Essay: A Survey of the Attitudes and Usages of the Overhead Projector in the Fifth and Sixth Grades of the Mentor Schools.

THOMAS LAWRENCE HAYES, A.B..... St. John University, 1966 Essay: John Dennis and the Nature of Poetry.

MICHAEL HAMILTON HENCK, A.B..... Mt. Union College, 1961 A Comparative Study of a Team-Taught and a Essav: Traditional Class of Low-Achieving Seventh Grade English Students.

JOHN ALLAN HICKS, B.S. in Ed., in absentia.....

- Slippery Rock State College, 1962 Essay: A Study of Discipline Problems and Their Causes at Shaw High School During a Period of Transition.
- CHERYL ANN HOLAN, B.S. in N. .... Georgetown University, 1957 A Comparative Study of the Relationship of the ACT and High School Grade Point Average\_to Essay: Academic Achievement in a Specific Associate Degree Nursing Program.

SUSAN JANE JOHNSTON, A.B. Immaculata College, 1966 Essay: Poetic Sincerity of Charles Cotton.

LAWRENCE EMERY KANDRACH, A.B. John Carroll University, 1966 Thesis: The Development of the Communist Party of Czechoslovakia, 1918-1968: A Historical Analysis

MARIE COLETTA KELLY, B.S. in Home Ec. Western Reserve University, 1964 The Pilot Diversified Cooperative Training Pro-Essay: gram of Cleveland Heights High School.

WILLIAM EDWARD KINSELLA, JR., A.B.

John Carroll University, 1966 The Failure of Democracy in Russia: A Reap-Thesis: praisal of the Bolshevik Revolution March-November. 1917.

SISTER MARY MERCITA KLIMCHAK, S.N.D., B.S. in Ed.

- St. John College, 1945 Essay: A Descriptive Study of Two Methods of Teaching Reading — The Individualized Approach vs. The Group Basal Text Method.
- ARLENE EPSTEIN KNELL, A.B..... University of Michigan, 1962 Essay: An Investigation of the Effectiveness of a Guidance Counselor and a Guidance Program Upon Members of the School Community at Lander Elementary School During This Program's First Year.
- ROBERT FRANK KOPAS, A.B..... University of Notre Dame, 1961 Essay: The Efficacy of Programmed Instruction in Technical Skill Development.
- MORRIS J. KROOS, B.S. in Ed. .... Ohio State University, 1938 Essay: Integrating Curriculum Theories and Industrial Arts Objectives for a Proposal in Plastics.
- CHARLES E. KULLIK, B.S....John Carroll University, 1964 Essay: An Evaluation of a Study Skills Course at Horace Mann Junior High School.
- JOSEPH FRANCIS LANG, B.S.S..... John Carroll University, 1960 Essay: An Evaluation of the Social Studies Program of North Olmsted Junior High School.
- LEONARD MORGAN LAVIN, B.S.S.... John Carroll University, 1960 Essay: Profile of the Dismissed Student from John Carroll University.
- RENEE SUE LIPSON, B.S. in Ed. Youngstown University, 1964 B.S. Western Reserve University, 1952 Essay: A Critical Review of the Educational Program in a Children's Psychiatric Ward of a Local Hospital.
- EUGENE ALBERT MICHAELS, B.S..... Ohio State University, 1960 Essay: A Descriptive Survey of the Qualifications, Duties, and Method of Selection of Department Chairmen in Selected Public High Schools in Cuyahoga County.

SISTER MARY DENISMARIE MURPHY, S.N.D., B.S. in Ed.

- St. John College, 1962 Essay: An Evaluative Comparison Between Two Groups of Grade Three Students Using the Traditional Method and the Work-Study Skill Method in Teaching Social Science.
- REVEREND ALEXANDER NANKO, A.B... Duquesne University, 1957 Essay: An Evaluation of Sex Education in the Catholic Secondary Schools of the Diocese of Cleveland.

GERALD FRANK NEUMANN, B.S. in Ed.

Baldwin-Wallace College, 1964

Essay: A Comparative Evaluation of Seventh Grade Students Who Were Consolidated in One Arithmetic Group After a Foundation in Arithmetic of Homogeneous or Heterogeneous Grouping. DAVID PAUL NICHTING, B.S.S., in absentia John Carroll University, 1961

- Essav: A Study in the Use of the California Test of Mental Maturity and Grade Point Average as an Aid in Course Selection for Future Educational Planning at Euclid Senior High School.
- PAUL RAYMOND OHM, A.B. John Carroll University, 1965 The Determination of a Multiple Regression Equa-tion for the Prediction of Ninth Grade Achievement Essav: at Addison Junior High School.
- RICHARD ALLAN PAULSON, A.B.... The College of Wooster, 1957 Essav: A Plant Model for the Special Education of Emotionally Ill Children.
- RICHARD MICHAEL PAVOL, B.S.S. ... John Carroll University, 1959 A Study of the Value of the Television Classroom Essay: Arithmetic Series Based on the Performance of Fourth Grade Math Students.
- WILLIAM FRANKLIN PEINERT, B.S. Bowling Green State University, 1961
  - A Comparative Evaluation of Cooperative Office Education at North Olmsted High School. Essav:
- SARAH CORBOY ROBBINS, A.B., in absentia.
  - Loretto Heights College, 1966 Essay: From Paradise to Inferno, An Epic of the Eyes Theodore Roethke.
- MARY DIANE ROBERTO, A.B.
  - Manhattanville College of the Sacred Heart, 1964 The Experience of Evil in the Fiction of Henry Essay: James.
- MARTHA ESTHER SANCHEZ, A.B. Mount St. Mary's College, 1962 Essay: Seventeenth-Century Themes in the Poetry of William Strode.
- REVEREND SANTIAGO SANTAMARIA, A.B., in absentia.....

Universidad Catolica de Quito, 1959

- A Comparison Between the Environment, as Meas-Essay: ured by Cues, and the Objectives of John Carroll University (1967-68).
- RICHARD BERNARD SCHNEIDER, B.S. Kent State University, 1965 An Assessment of Counseling Methods and Proced-Essav: ures Used With Culturally Disadvantaged Youth in Cleveland Public Schools.
- MARIE JEAN SERESUN, B.S. in Ed. .... Ohio University, 1949 Essay: A Comparison of Values at a Catholic High School for Girls.
- STANLEY JOSEPH SEVER, JR., A.B. John Carroll University, 1966 An Analysis and Evaluation of the Occasional Verse Essay: and Religious Lyrics in John Collop's Poesis Rediviva and Itur Satyricum.

SISTER JEAN ANTHONY SPORER, O.P., Ph.B.

Essay: A Comparative Study of Achievement in a Self-Contained and a Departmentalized Class of Fourth Graders.

ANGELA MARIE STEIGERWALD, A.B. Alverno College, 1963 Essay: The Practical Criticism of Irving Babbitt.

ROBERT JOSEPH STOJETZ, B.S. in Ed. Ohio University, 1962 Essay: An Evaluation of the New Teacher Orientation Program in the Secondary Schools of the Euclid City School District.

KENNETH MICHAEL SWADE, B.S. in Ed. Bowling Green State University, 1958

Essay: An Opinionnaire Study of the Guidance Program at West Technical High School.

FRANK CARMEN TADDEO, B.S. in Ed....

Kent State University, 1957 Essay: An Evaluation of the Music Programs of the Four Secondary Schools of Euclid, Ohio.

GEORGE RONALD TAIPS, A.B..... Baldwin-Wallace College, 1953 B.S. in Ed...... Kent State University, 1956 Essay: An Evaluation of Mechanical Drawing in Selected High Schools.

JANICE PATRICIA TIERNEY, B.S.... Northwestern University, 1955 Essay: A Descriptive Survey of the Attitudes of Selected Junior High Students to the Elementary Guidance Program.

SHEILA ANNE TRIPLER, A.B. Miami University, 1964 B.S. in Ed. Ohio State University, 1965 Essay: The Formulation of a Multiple Regression Equation for Prediction of Performance in Student Teaching at John Carroll University.

GERALD JOSEPH VALUS, B.S.S.....John Carroll University, 1963 Thesis: Postwar Politics in the United States: A Study of the Presidential Election of 1920.

CHRISTOPHER LEONARD VANDENBERG, A.B.

Essay: Cleopatra — The Glorious Villain in Anthony and Cleopatra.

W. RICHARD VLAH, B.S. in Ed., in absentia...

Miami University, 1963 Essay: An Analysis of Perceptual Development and Cultural Effects of Kindergarten Children.

CHARLES ANTHONY WILSON, II, A.B.

John Carroll University, 1965

Essay: An Evaluation of the Availability and Utilization of the Sources of Counseling as Expressed by the On-Campus Resident Students of John Carroll University.

BARBARA LEE WITKIEWICZ, A.B..... Marquette University, 1963 Essay: A Study of William Habington's Poetry — A Minor Seventeenth-Century Poet.

JEROME JOSEPH ZAVADIL, B.S.S. John Carroll University, 1956 Thesis: The Historical Analysis of the U.S. Government vs. the Communist Party of the U.S.

## Master of Arts

## (Teaching)

NANCY BARTS, A.B.	Miami University, 1966
HOWARD EDWARD KRON, B.S.	St. Bonaventure, 1966
MARIAN BEATRICE SUTTON, B.S	Tuskegee Institute, 1965
THOMAS PATRICK TUNNY, A.B.	St. Francis College, 1965

## Master of Science

- WINSTON THOBURN BACHMANN, B.S... Harvard University, 1949 Essay: Differential Thermal Analysis in the Investigation of Chemical Systems.

HENŔY THOMAS CERHA, B.S.....John Carroll University, 1966 Thesis: Changes in Smooth Muscle Reactivity with Steroids.

- GEORGE JAMES ETEROVICH, A.B.... John Carroll University, 1966 Essay: An Extension of Sylow's Theorems.
- CRAIG ARTHUR KALICKI, B.S.....John Carroll University, 1966 Essay: Simple Sets.
- DOUGLAS JOHN KAPUTA, B.S. John Carroll University, 1966 Thesis: An Accoustical and Photographic Study of Laser Induced Transients in Benzene.

RICHARD VIRGIL KOLLARITS, B.S... John Carroll University, 1966 Thesis: The Magnetic Field Dependence of the Ultrasonic Attenuation of Shear Waves in Magnesium.

DONALD R. LELLIS, B.S. John Carroll University, 1966 Thesis: The Effects of Base Width Variation on the Capacitance of Alloyed PN Junction Semiconductor Devices.

- JOHN ANTHONY MURPHY, B.S....John Carroll University, 1966 Thesis: The Magnetoacoustic Effect and Ultrasonic Attenuation in Cesium.
- JOSEPH EDWARD RHODES, B.S.....Purdue University, 1965 Thesis: Trapping Experiments: The Case of the Benzylic Sulfoxide.

ROBERT ADRIAN RONDINI, B.S., in absentia.....

St. Joseph's College, 1966 Thesis: The Effects of Temperature Gradients on the Capacitance of Alloyed Semiconductor Devices.

DAVID LAWRENCE ROSA, A.B. John Carroll University, 1966 Essay: A Discussion of Four Fixed Point Theorems.

NICHOLAS THOMAS STOWE, A.B., in absentia.....

Dartmouth College, 1962

- Thesis: Carotid Sinus Control of Skeletal Muscle Reflex Dilation.
- JAMES ANTHONY WINGERT, B.S.... John Carroll University, 1966 Essay: The Cantor Set.

## HONORARY DEGREE

## Doctor of Science

# GLENN T. SEABORG ..... Chairman, United States Atomic Energy Commission

## CITATION

Dr. Glenn T. Seaborg was born on April 19, 1912, in Ishpeming, Michigan, a town he enjoys describing to the unknowing as just down the road from Negaunee. He received his B.A. degree in chemistry from the University of California at Los Angeles in 1934, and three years later his Ph.D. degree in chemistry from the University of California at Berkeley. Since then he has received honorary degrees from so many universities that even their summary listing runs through several pages.

His academic years, except for a war time assignment to the Manhattan project at the University of Chicago, were spent at the University of California at Berkeley, where he moved from research associate in chemistry through the usual academic ranks to full professor and, eventually, Chancellor of the University of California at Berkeley. Despite taxing administrative burdens, he somehow found the time and energy to design and carry out personal research projects that have been the envy of entire groups of researchscientists, leading to the discovery of plutonium, with a colleague, in 1940, the identification of more than 100 isotopes of elements throughout the periodic table, authorship of literally hundreds of scientific papers and numerous books, the Nobel prize in chemistry in 1951, the Enrico Fermi award in 1959, and other awards and honors too numerous to mention.

He served as a member of the First General Advisory Committee of the Atomic Energy Commission from 1946-50, on the President's Science Advisory Committee from 1959-61, and has been Chairman of the United States Atomic Energy Commission since 1961, in which capacity he also serves as a member of the National Aeronautics and Space Council. He has represented the United States at world conferences on atomic energy, has led the way in promoting the "Atoms for Peace Program," has served on innumerable boards, and has somehow still found time to explain modern science and technology in intelligible terms to laymen and lawmakers, to confer with and encourage young scientists, to enjoy family life, to keep up with his favorite sports of golf, football and baseball, and, possibly most important, to involve himself deeply in programs aimed at resolving some of the most pressing human problems of our day.

Truly a distinguished scientist, Dr. Seaborg is also a distinguished human being, concerned for his fellow-men, and fully conscious of the responsibility that goes with talent and influence. When swords and spears are turned into ploughshares and sickles, when atomic power is recognized, not as a threat to civilization, but as a useful tool, employed to bring warmth to the cold, food to the hungry, and prosperity to emerging nations, Dr. Seaborg will be remembered as the man of vision who saw in atomic power, not a threat to mankind, but an opportunity to improve the material condition of all mankind. Hopefully, his atoms for peace program will expand and hasten the day when all men can hope to live in both peace and prosperity. Therefore, Reverend President, in recognition of the out-

Therefore, Reverend President, in recognition of the outstanding achievement of this truly distinguished American, on behalf of the faculties of John Carroll University, I recommend that the degree of Doctor of Science be conferred *honoris causa* on Glenn T. Seaborg.

## THE GEORGE E. GRAUEL FACULTY FELLOWSHIPS

Two faculty fellowships for research and writing are awarded each year in memory of the late Dr. George E. Grauel, member of the faculty and administration at John Carroll University, 1933-67.

These fellowships are awarded

For 1968-69 to:

Dr. Edward F. Carome,

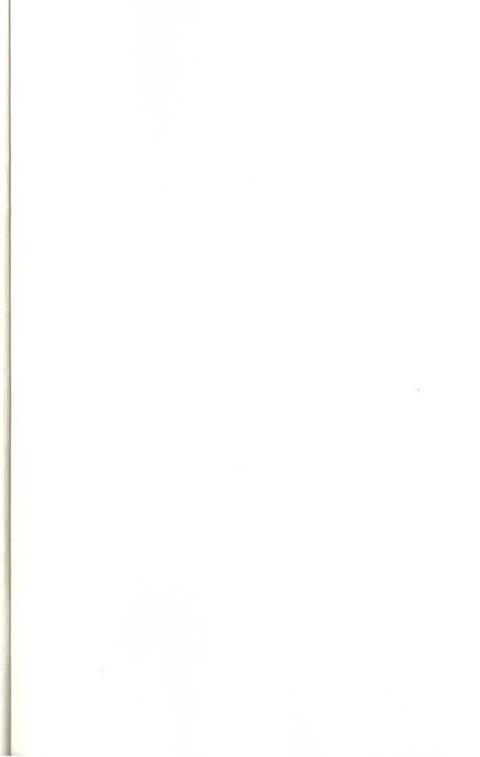
Professor of Physics

Dr. George J. Prpic, Associate Professor of History

For 1969-70 to:

Dr. Dominic J. Hunt, Associate Professor of Chemistry

Dr. James E. Magner, Jr., Assistant Professor of English



# THE GRADUATES' PLEDGE OF LOYALTY AND SERVICE

### Administered by

# VERY REVEREND JOSEPH O. SCHELL, S.J., S.T.L., M.A. President of the University

During your years of study, this university has endeavored to inspire you with a love of truth in religion, in morality, and in science.

The degrees that you have received today admit you into that select company of men and women of all centuries and of all countries who have enjoyed the privilege of academic training, and who bear before the world the duties and responsibilities which scholarship and culture entail.

From the groves of Athens, from the medieval universities of Bologna, Paris, Salamanca, and Oxford, from our modern institutions of learning, your predecessors have gone forth, marked by culture, zealous for the spread of truth, trained for leadership.

The faculty of John Carroll University are met here to welcome you to the companionship of learned men and women.

The John Carroll Alumni Association, moreover, extends to you today a warm and friendly welcome to its ranks. It is to be hoped that your active membership in that organization will keep you closely associated with the university in the years that lie ahead.

In the name of the university I charge you to be true to the principles you have learned, and in particular to that supreme principle under which you have been trained:

## ALL TO THE GREATER GLORY OF GOD

In this hour it is right that you should declare your purpose in life and repeat after me this solemn pledge:

## I solemnly pledge myself:

TO BE FAITHFUL TO MY ALMA MATER UNTIL DEATH TO SERVE GOD AND MY FELLOW MAN TO KEEP MY HONOR UNTARNISHED TO BE LOYAL TO MY COUNTRY AND TO MY FLAG TO HOLD THIS DEGREE AS A SACRED TRUST

May the Lord direct you in all your works and further you by His help and grace that all your actions may begin, continue, and end in Him to the greater glory of His Holy Name.

We pray Thee, O almighty and eternal God, who through Jesus Christ hast revealed Thy glory to all nations, to preserve the works of Thy mercy; that Thy church, being spread through the whole world, may continue, with unchanging faith, in the confession of Thy name. We pray Thee, O God of might, wisdom, and justice, through whom authority is rightly administered, laws are enacted, and judgment decreed, assist, with Thy Holy Spirit of counsel and fortitude, the President of these United States, that his administration may be conducted in righteousness, and be eminently useful to Thy people over whom he presides, by encouraging due respect for virtue and religion; by a faithful execution of the laws in justice and mercy; and by restraining vice and immorality. Let the light of Thy divine wisdom direct the deliberations of the Congress, and shine forth in all the proceedings and laws framed for our rule and government; so that they may tend to the preservation of peace, the promotion of national happiness, the increase of industry, sobriety, and useful knowledge, and may perpetuate to us the blessings of equal liberty. We pray for his Excellency, the Governor of this State, for the members of the Assembly, for all judges, magistrates, and other officers who are appointed to guard our political welfare; that they may be enabled, by Thy powerful protection, to discharge the duties of their respective stations with honesty and ability. We recommend likewise to Thy unbounded mercy all our brethren and fellow-citizens, throughout the United States, that they may be blessed in the knowledge, and sanctified in the observance of Thy most holy law; that they may be

preserved in union and in that peace which the world cannot give; and, after enjoying the blessings of this life, be admitted to those which are eternal.

Abridged from a prayer composed by Archbishop Carroll, A.D. 1800, for the United States of America.

# SIGNIFICANCE OF INSIGNIA

Arts - White

Commerce — Drab

Dentistry — Lilac Education — Light Blue

Laws — Purple

Laws — Purple

Medicine — Green Nursing — Green-White Philosophy — Blue Science — Gold-Yellow Social Work — Pink

Theology - Scarlet

## ABBREVIATIONS FOR DEGREES

A.B. - Bachelor of Arts

A.M. - Master of Arts

B.Litt. - Bachelor of Letters

B.S. - Bachelor of Science

B.S.Ed. - Bachelor of Science in Education

B.S. in B.A. - Bachelor of Science in Business Administration

B.S. in S.S. - Bachelor of Science in Social Science

D.D. - Doctor of Divinity

D.D.S. - Doctor of Dental Surgery

D.Phil. - Doctor of Philosophy

D.Sc. - Doctor of Science (Honorary)

Ed.D. - Doctor of Education

Litt.D. — Doctor of Letters (Honorary)

LL.B. — Bachelor of Laws

LL.D. - Doctor of Laws (Honorary)

M.B.A. - Master of Business Administration

M.D. - Doctor of Medicine

M.Ed. - Master of Education

M.S. - Master of Science

M.S.I.R. - Master of Social and Industrial Relations

Ph.B. - Bachelor of Philosophy

Ph.D. - Doctor of Philosophy

Ph.L. - Licentiate in Philosophy

S.T.B. — Bachelor of Sacred Theology

S.T.D. - Doctor of Sacred Theology

S.T.L. - Licentiate in Sacred Theology

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## COMMENCEMENT COMMITTEE

## Robert S. More, LL.M., Chairman

Eugene T. Kramer, B.S.

James M. Lavin, M.A.

Nicholas J. Bush, A.B.

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## MARSHALS

James M. Lavin, M.A.

Francis J. McGurr, M.B.A.

Robert S. More, LL.M.

The custom of wearing academic gowns, caps, and hoods dates back to about the twelfth century and probably had its inception in France, where the wearing of the cap and gown marked the formal admission of the licentiate to the body of masters. The cold buildings of medieval times in which the masters were obliged to teach required capes and hoods which naturally were patterned after the prevailing dress of the times. Since a large number of the scholars were clerics, the robes resembled more the appearance of the monk's dress. The hoods were fashioned after the monk's cowl and were attached to the gown so that they might be drawn over the head. Later, when the hood was displaced by the skull cap as a head covering, it was made separately from the gown. The skull cap evolved into a pointed cap which is evidenced today in the mortar board with its tassel. With such a development it is natural that there would be a great variety of styles and usages. In order to have uniformity, an Intercollegiate Code of Academic Costumes has been adopted by practically all the leading institutions of learning, with the result that today the gowns and hoods of this country are a badge of learning symbolic of the degree attained. This code calls for three types of gowns: the bachelor's, master's, and doctor's. The bachelor's gown is made with an open or closed front and has long pointed sleeves. The master's gown is an open-front garment with extremely long closed sleeves, the arms protruding through a slit at the elbow. The ends of the sleeves are square and are further characterized by an arc appearing near the bottom. The doctor's gown is also an open-front garment, but the sleeves are bell-shaped and the length of the arm. There are wide, black velvet panels or facings down the front with three velvet bars upon each sleeve. The velvet may be the color of the degree instead of black.

While the types of gowns evolved are considered to be an improvement on other styles, it is in the hood that the American character is personified. Simple yet beautiful, each degree — bachelor's, master's, doctor's — is represented by a distinct shape or form. The bachelor's hood is the smallest of the three, the velvet edging is narrower, and less of the lining is exposed. The master's hood is the same length as the doctor's, the velvet edging is somewhat wider than that of the bachelor's, and more of the lining can be seen. The doctor's hood is easily recognizable by the width of the velvet edging, the wide panels at either side, and the full exposure of the lining. The lining of the hood indicates the colors of the

institution conferring the degree, and the color of the velvet trimmings shows the kind of degree.

1886 - 1968