MICHIGAN

STATE

COLLEGE

NINETY-THIRD ANNUAL

commencement

MACKLIN STADIUM

> SUNDAY-JUNE THIRD NINETEEN FIFTY-ONE

Alma Mater

I

M.S.C. we love thy shadows
When twilight silence falls,
Flushing deep and softly paling
O'er ivy covered halls.
Beneath the pines we'll gather
To give our hearts to thee,
Sing our love for Alma Mater
And thy praises, M.S.C.

II

When from thy scenes we wander And twilight shadows fade,
Our mem'ry still will linger
Where light and shadows played.
In the evening oft we'll gather
And turn our thoughts to thee,
Sing our love for Alma Mater
And thy praises, M.S.C.

The escorts for the academic procession are members of Mortar board, an honorary society for senior women; and Tower Guard, an honorary society for sophomore women. The ushers are members of the Varsity Club.

Program

SUNDAY, JUNE 3, 5:00 P.M. MACKLIN STADIUM

PROCESSIONAL—Triumphal March from "Aida"

Verdi

Michigan State College Band Leonard Falcone, Director

AMERICA

Michigan State College Band

INVOCATION

Dr. N. A. McCune Minister Emeritus, Peoples Church, East Lansing

ADDRESS—"The Free Citizen's Responsibility to the World Community"
The Honorable Nelson A. Rockefeller
Chairman, International Advisory Board

CONFERRING OF DEGREES

ALMA MATER

Michigan State College Band

RECESSIONAL—Coronation March from "The Prophet"

Meyerbeer

Michigan State College Band

The audience is requested to remain seated while those in the procession are entering and leaving the stadium.

State Board of Agriculture

The Honorable Clark L. Brody, Chairman, Lansing

The Honorable Forest H. Akers, Detroit

The Honorable Winfred G. Armstrong, Niles

The Honorable Sarah Van Hoosen Jones, Rochester

The Honorable Connor D. Smith, Standish

The Honorable Frederick H. Mueller, Grand Rapids

The Honorable Lee M. Thurston, Ex-Officio, Lansing

John Alfred Hannah, Ex-Officio, East Lansing, Presiding Officer

Karl Hanchett McDonel, East Lansing, Secretary

Philip J. May, East Lansing, Comptroller and Treasurer

Michigan State College

As one of the leading Land Grant colleges and the oldest agricultural college in the world, Michigan State College provides a technical, practical, and cultural education for its student body, in addition to extensive research and extension services to the people of Michigan.

Now in its 95th year, Michigan State College has grown from two buildings and six faculty members to one of the largest universities in the nation. It has approximately 1,300 staff members engaged in teaching and research, 124 modern permanent and 988 temporary buildings, and almost 12,000 acres of land, including 540 acres in the campus area proper.

Founded in 1855 to educate youth for the major occupation of that day--farming--Michigan State College has broadened its offerings as young people, preparing for other vocations, have sought the advantages of college training. Today, approximately 100 different courses of study are offered in the schools of Agriculture, Business and Public Service, Engineering, Home Economics, Science and Arts and Veterinary Medicine. This excludes the curriculum of the Basic College which has been hailed as one of the most progressive ideas for higher education in the nation today; and the Graduate School, which offers 56 courses leading to the degrees of master of arts, master of science, master of music, master of forestry, doctor of philosophy, and doctor of education.

Michigan State College continually strives to expand its service to the people of the state. Five sub-stations of the Agricultural Experiment Station are maintained in various parts of the state, and more than 225 conferences, short courses and special courses are held each year on the Spartan campus. During the 1950-51 year, more than 85,000 persons attended these "extra-curricular" educational courses and meetings.

Today, some 15,000 students from Michigan and other states and from nations all over the world are attending the college at East Lansing--8,200 of whom are housed on the campus proper. With about 85 percent of these students coming from communities in every section of the state, Michigan State College is doing its part to fill the greatly increased demand of the younger generation for higher education.

In the agricultural, business and professional fields, Michigan State College has proved its worth to the people of the state of Michigan, paying dividends many times the appropriation for its maintenance made each year by the state and national governments. Noted for its democratic and friendly spirit, the student body harmonizes with the college faculty to make Michigan State College a first class educational institution.

Honor Graduates

WITH HIGH HONOR

John Perry Abrahamsen, Veterinary Medicine - Lansing Donald John Baker, Agricultural Education - Onaway Raymond Douglas Behr, Mathematics - Caseville William Sherman Bennett, Jr., Related Arts - Lansing Virginia Dodge Benson, Related Arts - Saranac Reynold Andrew Berkey, Chemistry - Constantine George Alonzo Bisel, Business Administration - Lansing Roger Allan Brown, Business Administration - Lakewood, Ohio Carl William Bruch, Soil Science - Kenosha, Wisconsin Walter Raymond Burke, Veterinary Medicine - Flint J. M. Carter, Veterinary Medicine - Elkhart, Indiana Charles Arthur Cassell, Mathematics - Mt. Vernon, Ohio Adrian Ramond Chamberlain, Agricultural Engineering - Thompsonville Douglas Allen Claflin, Agricultural Education - Montrose Robert Lawrence Clements, Chemistry - Howell William Harvey Collawn, Business Administration - Baltimore, Maryland Patrick Edward Conway, Industrial Arts - Fenton John Richard Daily, Forestry - Detroit Herbert Ralph Davidson, Business Administration - Lansing Barbara Lucine Davis, Business Administration - Lansing James Edward Duffus, Botany - Detroit Helen Marie Earl, Applied Music - Battle Creek Jack Edo, Economics - Dearborn Raymond Curry Erickson, Bacteriology - Ironwood Jeremy Vilos Ferries, Veterinary Medicine - Wilton, Wisconsin Leo J. Fitzgerald, Physical Education - Salamanca, New York Arthur Julian Freid, Veterinary Medicine - Detroit Carolyn Babcock Gage, Elementary Education - Wixom Aelred Dean Geis, Zoology - Chicago, Illinois Patricia Gilpin, Elementary Education - Detroit Gloria Ann Granger, Art - Lansing Robert Ellis Grant, Business Administration - Bancroft Elizabeth Ruth Hall, Elementary Education - Lowell Ronald W. Harper, Speech - Grand Rapids Ruth Orr Holmes, Social Service - Battle Creek Harley Norman Hotchkiss, Geology - Straffordville, Ontario, Canada James O. Hughson, Veterinary Medicine - Shelby Mary Barbara Hurrell, Music - Dimondale Frances Ann Johnson, Journalism - Whitehall George Donald Johnson, Journalism - Whitehall
George Donald Johnston, Jr., Journalism - Birmingham
James Jursik, Electrical Engineering - Detroit
James Wenzel Kahl, Veterinary Medicine - Winona, Minnesota
Marianne Kingsbury, Bacteriology - Cassopolis
Albert Goro Kurisu, Mechanical Engineering - Hakalau, Hawaii
Thomas Allan Lesh, Zoology - Maywood, Illinois Melvin H. Lill, Mechanical Engineering - East Lansing William Arthur Little, Electrical Engineering - Alma Walter Theodore Lloyd, Police Administration - Detroit Athena MaCris, French - East Lansing Phyllis Ann Marquart, Medical Technology - Detroit Martha Kathrine Maxstadt, Elementary Education - Lebanon, Indiana Dain Richard McKown, History and Political Science - Rochester Robert Eugene Miller, Economics - Detroit Stuart Edward Prall, History - Lansing Patricia Lou Prosser, English - Flint Rosalie Joyce Randall, Applied Music - Detroit Mary Lane Paymond, Comman - Lansing Mary Jane Raymond, German - Lansing Kenneth Eugene Richardson, Social Science - New Britain, Connecticut Ruth Schluckebier Rittmueller, Vocational Home Economics - Frankenmuth Dorothy V. Roberts, Psychology - Grand Rapids
Harry DeVere Ruhl, Jr., Electrical Engineering - East Lansing
Lawrence Atwell Ryel, Zoology - Milford
Donald Walter Schreiner, Chemical Engineering - Frankenmuth Mary Edith Scott, Public School Music - Petoskey Harry Andrew Siitonen, Journalism - Fitchburg, Massachusetts
Henry Carl Smith, Jr., Geology, Hammond, Indiana
Roger Wheelock Spear, Public School Music - Cleveland, Ohio
Charles J. Steigleder, Electrical Engineering - Royal Oak
Lewis Frank Stevens, Horticulture - Chicago, Illinois
Alton Robert Stine, History - Lansing Mary Lou Straith, Elementary Education - Grosse Pointe Gloria V. Tarpinian, Public Administration - Hazel Park Mary Jane Taylor, Vocational Home Economics - Milford Burton Van Bochove Toornman, Floriculture - Kalamazoo Lawrence Anthony Turner, Mechanical Engineering - South Bend, Indiana Russell L. Valentine, Mechanical Engineering - Northboro, Massachusetts Alan Earl Van Antwerp, Agricultural Education - Tustin Ralph Leslie Vanderslice, Jr., English - East Lansing Richard James Woelfle, Political Science - Dunkirk, New York William Henry Ziering, Zoology - Brooklyn, New York

WITH HONOR

Robert William Acton, Veterinary Medicine - Jackson Charles Lynford Adams, Jr., English - Brookfield, Illinois Audrey Munford Akins, Philosophy - East Lansing John E. Alleman, Public School Music - Grand Ledge Clarence Dean Allen, Horticulture - Grand Rapids James Elwood Armstrong, III, Chemical Engineering - Detroit Donald Eugene Atkinson, Biological Science - Kalamazoo Robert Murray Bachteal, Sanitary Engineering - Benton Harbor Joan Louise Bahr, Elementary Education - Flint Billy Vernon Balch, History - Jackson Philip Micheal Baranowski, Chemical Engineering - Detroit Max Donald Barnhart, Business Administration - St. Charles Mary Louise Barrett, Art - Detroit William David Barrus, Police Administration - East Lansing Leo Francis Baumgartner, Forestry - Drayton Plains Gordon Lester Beattie, Mechanical Engineering - Mattawan Gerald C. Beckwith, Speech - Mt. Morris Richard Charles Beckwith, Agricultural Economics - Milford Thomas Martin Bergers, Business Administration - Grand Rapids Robert Nelson Berkman, Bacteriology - Flint Daniel F. Black, History - Flint Stephen Conrad Bladey, Social Science - Grand Rapids Dolores Marie Borchers, Speech - Spring Lake
Donald Richard Borthwick, Journalism - Detroit
Richard William Boyd, Mathematics - Flint
Forrest William Bradley, Forestry - Flint Harold Marvin Braeutigam, Veterinary Medicine - Birch Run Stephen Christie Bransdorfer, Journalism - Lansing Bernard Joseph Brennan, Business Administration - Bay City Bernard Reed Bridgford, Civil Engineering - Rochester Elizabeth Ann Britsman, Psychology - Irvington, New Jersey Bruce Orr Brodie, Veterinary Medicine - Martin Boyden K. Brown, Veterinary Medicine - Garrettsville, Ohio Robert Calvert Brown, III, Zoology - Detroit Bonnie Jean Buchtel, Applied Music - Evanston, Illinois Betty Virginia Buckholz, History - Wyandotte
Martin John Bukovac, Horticulture - Paw Paw
Ronald Wayne Burns, Physical Education, Health and Recreation - Flint
Donald Edward Burrus, Electrical Engineering - Dayton, Ohio Edwin F. Cool Cain, Chemistry - Grand Rapids Jake Clayton Callier, Business Administration - Lowell William Francis Camp, Food Technology - Marshall Roland Henry Carlson, Civil Engineering - Daggett Eugene Miles Carpenter, Forestry - Rumford, Rhode Island Joseph Arthur Caruso, Chemistry - Lansing Cornelius Avery Casler, Social Science - Little Falls, New York Joseph Leo Cassidy, Journalism - Malden, Massachusetts Walter Steven Chmielewski, Mechanical Engineering - Saginaw Richard Mun Chun, Civil Engineering - Honolulu, Territory of Hawaii Roland Edwin Clark, Mechanical Engineering - Grand Rapids Otis Warren Cochran, Horticulture - South Haven Keith Arnold Cole, Industrial Arts - Buchanan Mary Lois Cole, Vocational Education - Birmingham Theodore Berry Collins, Police Administration - Hinsdale, Illinois William Erle Collins, Entomology - Lansing
Joseph James Corbelli, Physical Education - Buffalo, New York
Phyllis Pauline Cornell, Elementary Education - Howell
Jeanne Alice Corsette, Journalism - Walled Lake
Gerald Lee Cox, Business Administration - Grand Rapids Joanne Frances Craig, Medical Technology - Dearborn Lee Burton Crampton, Chemistry - White Pigeon Thomas Arlen Creager, Business Administration - Oak Park, Illinois Charles William Cribbs, Mathematics - Muskegon Ralf Andrews Crookston, Jr., Business Administration - Birmingham Joyce Elaine Currier, Elementary Education - Lansing Jack Vincent D'Agostino, Electrical Engineering - Waldwick, New Jersey Daniel Davis, Sanitary Engineering - New York, New York

Duaine Ralph Deming, Veterinary Medicine - Clinton Howard Mills Dick, Advertising - Benton Harbor Ralph Henri Didier, History - Flint Mary Jo Ann Dockum, Art - Western Springs, Illinois Harry Arthur Doehne, Conservation - Bethel, Connecticut Jeanne Carrol Doremire, Social Service - Midland Carolyn Mae Dorner, Journalism - Detroit Norman Edward Drayton, Social Science - Davison Violet Droshine, Art - Detroit Violet Broshine, Art - Detroit

Edward John Duncan, Speech, Dramatics and Radio Education - Lincoln Park

John Joseph Dunne, Business Administration - Worcester, Massachusetts

Warren Jay Eding, Mechanical Engineering - Holland

Paul Marvin Efron, Food Technology - Garfield, New Jersey

Robert James Ellis, Zoology - Lansing

Howard Omer Emorey, Business Administration - Royal Oak Beatrice Burnham Enders, Speech - Flint Donald Lee Erhart, Electrical Engineering - Sparta John Albert Fiebelkorn, Mechanical Engineering - Sparta
John Albert Fiebelkorn, Mechanical Engineering - Lake Orion
Joan Fielstra, Social Science - New York, New York
Charles Woodbury Fifield, III, Bacteriology - Melrose, Massachusetts
Douglas Clare Fischer, Music Theory - Grand Rapids
Alice Louise Flicker, Social Service - Omaha, Nebraska
John Edward Foley, Physical Education - West Haven, Connecticut Glendalyn Rose Foran, Business Administration - Detroit
Audrey Ileen Frappier, Elementary Education - Clio
Charles Gordon Frederick, Jr., Business Administration - Lansing
Laimons Freimanis, Electrical Engineering - Riga, Latvia
Paul Victor Gadola, Business Administration - Flint
Howard Adams Cale Food Tackbology - Coloma Howard Adams Gale, Food Technology - Coloma Ethan Charles Galloway, Chemistry - Hemlock Gaylord Emerson Gardner, Business Administration - East Lansing Robert Louis Gault, Physics - Highland Park
Spyros Achilles Gavrilides, Business Administration - Grand Rapids
David Stanley Geisler, Soil Science - Watervliet
William Gerencer, Veterinary Medicine - Bailey
Thomas Ginther, Electrical Engineering - Lansing Audrey Sutter Glenn, Business Administration - Hayworth, Illinois Patricia Francis Goetz, Journalism - Grand Rapids James Winthrop Goff, Forestry - Portland
Marie Claire Gonon, History - East Lansing
Judith Grace Grams, Biological Science - East Lansing
Harriet Greenberg, Elementary Education - Glen Cove, New York Patricia Jean Greer, History - LaSalle
Jack Edward Gregg, Mechanical Engineering - Cassopolis
Charles Sheldon Grill, Business Administration - Chicago, Illinois
Jean Rosalyn Grimes, Music Theory - Lansing
James Eugene Gross, Veterinary Medicine - Kramer, Indiana
Sarah Lee Grylls, Related Arts - Grosse Pointe Farms
William Rogers Guntrum, Electrical Engineering - Freedom, Oklahoma Eric Saxwold Hammar, Sociology - Escanaba Donald Raymond Harris, Chemistry - Dearborn Henrietta Leone Hartsuiker, Public School Music - Coloma Suzanne Marie Harwick, Social Science - Davison Theodore Fredrick Haussman, Physical Education - Lansing Maxine Isabella Hedgecock, Journalism - Van Dyke T. Bruce Henderson, Mechanical Engineering - Detroit Jack Reynold Hendrickson, Social Science - Muskegon David Thomas Higgins, Civil Engineering - Detroit Victor Leslie Hill, Jr., Sociology - Saginaw Charles Russell Hoffer, Public School Music - East Lansing Alan Jay Howell, Mechanical Engineering - Grosse Pointe James Clement Hruska, Veterinary Medicine - Neenah, Wisconsin Helen L. Hughes, Journalism - Chicago, Illinois Amede Oren Hungerford, Agricultural Education - Afton Frederick Walter Hyslop, Metallurgical Engineering - Vassar William Hartzell Jackson, Business Administration - Petoskey Elaine Ruth Jalonen, Social Service - Ironwood Elroy Clarence Jensen, Veterinary Medicine - Dorchester, Wisconsin Elizabeth Annes Johnson, Textiles, Clothing and Related Arts - Farmington Lloyd Allen Kammeraad, Psychology - Grand Rapids Gertrude Marcia Kaufman, Speech - Niagara Falls, New York Donald Kesler Keech, Agricultural Engineering - Hastings Maxine Kellogg, Journalism - Lansing Gretchen Louise Kiebler, Social Service - East Lansing Norman Carl Kiefer, Economics - Flint Miriam Anne Koester, Elementary Education - Detroit Anita Marie Koski, Textiles and Clothing - Chassell Helen Diane Kraus, Spanish - Lansing Lewis August Krause, Agricultural Economics - Howell Armin Franklin Krohn, Veterinary Medicine - Madison, Wisconsin Lawrence Stanley Krot, Business Administration - Hamtramck Joseph John Kudzia, Poultry Husbandry - Kalamazoo

Joyce Ann Kuhn, Elementary Education - East Lansing Martha Jean Kunkel, Mathematics - Detroit Jeanne Frances Labadie, Medical Technology - Port Huron Cyril J. Laridaen, Veterinary Medicine - Mauston, Wisconsin Robert William Larson, Applied Music - New Britain, Connecticut John James Larue, Electrical Engineering - Bay City Irving Anthony LeBlanc, Journalism - Lansing
Audrey Helene Lesher, English - East Lansing
Gerald Hugh Lewis, Electrical Engineering - Saginaw
Janet Marie Linder, Speech - Chicago, Illinois
Suzanne Howe Lindquist, History and Political Science - Adrian
Errones Elizabeth Lebr Speech - Saginaw Frances Elizabeth Lohr, Speech - Saginaw
Melvin Guy Long, Jr., Forestry - Sayner, Wisconsin
William Thomas Long, Botany - Cleveland, Ohio
Joan Louise Makielski, Clothing and Textiles - Ann Arbor Paul Douglas Marengo, Business Administration - Port Huron Gordon Lee Marine, Chemical Engineering - Cadillac Dale Nelson Martin - Zoology - Bremen, Indiana Dolores Angelica Mastrovito, Related Arts - Lansing Dean Frederick Maurer, Mechanical Engineering - Marshall Donald Thomas Maurer, Economics - Nashville Donald Francis Maxstadt, Psychology - Pasadena, California Harriet Louise McCall, Elementary Education - Grand Haven Robert Beverly McCarty, Civil Engineering - Owosso
Joseph Arthur McCollom, History and Political Science - Highland Park
Rupert Aloysius McGinn, Jr., Civil Engineering - Grand Rapids
Patricia Netta McKeown, Business Administration - St. Clair Shores Betty Jean McQuiggin, Business Administration - Detroit Bessie Speerstra Means, Speech - Saginaw Albert Karder Meerzo, Public School Music - North Muskegon Theodore Frank Melichar, Business Administration - Riverside, Illinois Robert Leo Meythaler, Business Administration - Flint Gilbert Lawrence Miles, Horticulture - Binghamton, New York Lawrence Duane Miller, Veterinary Medicine - Battle Creek Shigeto Minami, Business Administration - Lanai, Hawaii Mary Elizabeth Minshull, Elementary Education - North Muskegon Janet Elizabeth Moss, Elementary Education - Flint William John Mottel, Chemical Engineering - Lansing Martin Theodore Mueller, Electrical Engineering - Utica Alvin Gene Musser, Animal Husbandry - Three Rivers Theodora Elizabeth Nagorsen, Horticulture - Detroit Gordon Lewis Nash, Social Science - Ionia Merlin Andrew Nelson, Veterinary Medicine - Kingsford Edna Joanna North, Elementary Education - Mason Joan Edith Norton, Social Service - Owosso Jacqueline Jean Oatman, Psychology - Flint Glen Allan Omans, English - Bay City Miles Herbert Osborn, Mechanical Engineering - Cicero, Illinois Charles Eugene Osborne, Public School Music - Detroit Carroll Hilton Otis, History - East Lansing Barbara Ellen Ott, History and Political Science - Adrian David Stanley Paige, Geology - Marysville Donald Robert Parker, Chemical Engineering - Lansing Dwight Lanterman Patton, Forestry - Lakewood, Ohio Ralph George Peinecke, Forestry - Allendale, New Jersey Joseph Pekarek, History - Flint Stanley Everett Pemberton, Electrical Engineering - Lansing Will Robert Paul Petersen, Art - Chicago, Illinois Jeanne Helen Piermattei, Elementary Education - Flint George Arthur Piper, Veterinary Medicine - Dearborn Sidney Pollack, Soil Science - New York, New York John Clark Post, Vocational Agriculture - Frederic Choral Russel Potter, Industrial Arts - Lansing Clayton Edward Preisel, Agricultural Education - Attica Thomas Pury, Electrical Engineering - Rochester Albert Benjamin Ratner, Forestry - Cleveland, Ohio Clifton Alfred Rautiola, Psychology - Hancock David Lloyd Reath, Animal Husbandry - Vulcan Robert Earl Resseguie, Mechanical Engineering - Flint Robert Earl Ressegute, Mechanical Engineering - Film Gerald Fennick Richards, Agricultural Engineering - Howell William Frank Richardson, Social Science - Detroit Fred William Richmond, Jr., Psychology - Greenville Lowell L. Ricky, Agricultural Extension - Lincoln, Nebraska Karl A. Riggs, Jr., Geology - Whitestone, New York Charles Edwin Ring, Chemistry - Grand Rapids Carolyn Jane Robbins, Journalism - East Lansing Alan Harvey Roberts, Psychology - New York, New York Robert Edward Robinson, Forestry - Sandoval, Illinois Carol Woodworth Root, Elementary Education - Lansing Barbara June Rosekrans, Music - Bay City Arlene Benson Roslund, French - Ithaca Barbara Jean Rufe, Clothing and Textiles - Concord

Duane Robert Russell, History - Lansing Wesley Dale Russell, Veterinary Medicine - Tangier, Indiana Leonard Lawrence Rynski, Business Administration - Detroit Charles William Sargent, History - Flint Roger John Schafer, Business Administration - Lansing Orland A. Scheuner, Political Science - Ossineke Jack Sheldon Schreiber, Food Technology - Brooklyn, New York Alfred James Schroeder, Psychology - Rogers City Elizabeth Ann Schuurmans, Elementary Education - Lansing Hermione Shantz, Social Science - New Hartford, New York James Hill Sharpe, Hotel Administration - Dexter, Maine Margaret Jeanne Shroyer, French - Grand Rapids Jack William Sigan, Chemical Engineering - Gladstone Anthony Jack Skardina, Business Administration - Benton Harbor Richard Frederick Sleep, Forestry - Oaklawn, Illinois Stuart Duane Sleight, Veterinary Medicine - Laingsburg Barbara Anne Smith, Chemistry - Utica John LeMoyne Snyder, Geology - East Lansing Helenan Sonnenburg, Sociology - Detroit Charles Kenneth Soppet, Mechanical Engineering - Chicago, Illinois Norma Marie Sorensen, Vocational Home Economics - Byron John Roger Spencer, Zoology - Bloomfield Hills
Kenneth Ernest Spray, Mechanical Engineering - Grand Haven
Gordon Bresee Starr, Business Administration - Virden, Illinois
George Henry State, Mathematics - Buffalo, New York Tunis Elaine Strick, Elementary Education - Milford Blaine Strick, Elementary Education - Milford
Blaine Wheeler Strimple, French - Maumee, Ohio
Joan Stuart, Clothing and Textiles - Royal Oak
Richard Rudolph Studer, Metallurgical Engineering - East Lansing
Jack Darrell Sweet, History - South Lyon
Ray Synnestvedt, Civil Engineering - Bryn Athyn, Pennsylvania
Fred G. Tauch, Mechanical Engineering - Ludington Douglas West Taylor, Psychology - Monroe
Russell Dwight Taylor, Civil Engineering - Elsie
John Jay Tepaske, History - Grand Rapids
Marguerite Semple Tharp, Speech - Chicago, Illinois
Boyd Francis Trommater, Education - Hart
John Alexander Trost, III, Physics - Grosse Pointe Anthony Lawrence Tryban, Agricultural Education - Cheboygan Jane Ellen Tubbs, Speech - Saginaw Kenneth W. Tweedy, Agricultural Education - Marion Walter Steele Tyler, Veterinary Medicine - Iron River Leonard Thomas Vader, Veterinary Medicine - Lansing
Jean Petrie VanderMeer, Child Development - Huntington Woods
David Junior Van Meter, Veterinary Medicine - Fort Wayne, Indiana Claude John Venema, Electrical Engineering - Grand Rapids
Donald H. Viele, Forestry - Schenectady, New York
G. Fred Wait, Business Administration - Pinconning
James Thomas Wall, Psychology - Birmingham
Russell Smith Walters, Forestry - Ludington
Bernard Wasserman, Veterinary Medicine - Brooklyn, New York Theodore Webster, Business Administration - Detroit Adolf Weinacker, Veterinary Medicine - Detroit Bert Alan Wells, Forestry - Berkley Leland Myron Welsh, Horticulture - Albion Huber Wheeler, Zoology - Morenci Robert Charles White, Business Administration - Flint Donald Keazer Whittemore, Forestry - South Weymouth, Massachusetts Margaret Ann Wiant, Speech - East Lansing Wilmar Marvin Woelzlein, Chemical Engineering - Frankenmuth
Thomas C. Yeotis, Business Administration - Flint
Mary Anna Yoas, Clothing and Textiles - Newport
Alfred Julius Zeits, Chemistry - Detroit
Gerald Jacob Zerfas, Electrical Engineering - Eaton Rapids Norman John Henry Zube, Business Administration - Essexville

Color of Tassels

Maize - SCHOOL OF AGRICULTURE

Russet - Forestry

Maroon - SCHOOL OF BUSINESS AND PUBLIC SERVICE

Orange - SCHOOL OF ENGINEERING

Black - SCHOOL OF HOME ECONOMICS

SCHOOL OF SCIENCE AND ARTS-

White - Arts

Pink - Music

Gold - Science

Gray - SCHOOL OF VETERINARY MEDICINE

Class Roster

1950-1951

This includes the names of those candidates for degrees December $1950\,$ - September $1951\,$ inclusive

Honors are indicated, except for Summer School Graduates

SCHOOL OF

Agriculture

The candidates will be presented by DEAN ERNEST LEE ANTHONY

DEGREE OF BACHELOR OF SCIENCE

Robert Harold Acker Farm Management: Morenci Allan Jenner Akehurst Forestry; Madison, New Jersey Sami Akman Agricultural Mechanics; Samsun, Turkey *Clarence Dean Allen Horticulture; Grand Rapids Melbourne James Amo Forestry; Wyandotte James Woodrow Anderson Agricultural Education; Iron Mountain Aaron Leroy Applegate Agricultural Economics; Sherwood Milton Dean Armstrong Agricultural Education; Clare Robert Paul Bach Landscape Architecture; Dearborn Duane Lee Bailey Agricultural Economics; Cedar Springs †Donald John Baker Agricultural Education; Onaway Douglas Howard Baker Forestry; Lupton Norbert Erwin Balle Animal Husbandry; Jamaica, New York Benjamin Bert Barickman Forestry; Manville, Illinois William Adolph Barnes Agricultural Extension; Flushing James John Barrett Farm Management; Morenci Vurnal V. Bartlett Forestry; East Detroit Frank Leon Batkay Horticulture; Babylon, New York *Leo Francis Baumgartner Forestry; Drayton Plains Jack Duane Beattie Forestry; Jackson *Richard Charles Beckwith Agricultural Economics; Milford William Trites Bell Forestry; Battle Creek Louis Michael Berninger Horticulture; New York, New York John Berthoud Landscape Architecture;
Cincinnati, Ohio
Orville John Berven
Forestry; Warsaw, Indiana
Donald Hugh Billings
Horticulture; Davison
Fredrick Louis Bindemann Landscape Architecture; Allegan Joseph Jerome Blake Animal Husbandry; Jackson Wayne Scofield Blewer Agricultural Extension; Avon, New York John Gust Blome

Phillip James Boots Soil Science; Millington Charles Robert Boyenga Agricultural Education; Lowell Forrest William Bradley Forestry; Flint Daniel Bratt Agricultural Education; Ellsworth Samuel Lloyd Breck, Jr. Forestry; Detroit Robert Carlton Bremer Dairy; Suttons Bay Robert Bruce Brevitz Forestry; Battle Creek Harold Rudolph Bright Landscape Architecture; Flint Donald Laverne Bronson Agricultural Economics; Flint Clifford C. Brown Forestry; Yale Murray Allison Brown Agricultural Education; Rochester, New York Robert Charles Brown Forestry; Lima, Ohio Carl William Bruch Soil Science; Kenosha, Wisconsin Charles Patrick Bruffy Agricultural Education; Detroit Robert Loyd Bryan Soil Science; New Springford, Ohio *Martin John Bukovac Horticulture; Paw Paw Theodore James Burch Agricultural Mechanics; Big Rapids Frank Howard Burns Forestry; Jackson John Charles Burns, Jr. Forestry; Albany, New York John Robert Buth Dairy; Comstock Park Dale Alan Butler Horticulture; Davisburg William Woodward Calvert Forestry; St. Lawrent, Quebec, Canada Anthony Michael Camarano Forestry; Middle Village, New York *William Francis Camp Food Technology; Marshall Robert A. Campbell, Jr. Animal Husbandry; Onaway Rolf Corydon Campbell
Landscape Architecture; Detroit
*Eugene Miles Carpenter
Forestry; Rumford, Rhode
Island George Alfred Champagne Agricultural Education; Harrisville Bernard Clinton Chapman Agricultural Economics; Northville George Francis Chapman Soil Science; Durand Burton Chickering Landscape Architecture; Detroit Gerald Eldon Childers

Warren Robert Church Dairy; St. Johnsbury, Vermont Douglas Allen Claflin Agricultural Education; Montrose Lyle Glenn Clarke Agricultural Education; Coleman Walter Sanders Clee Animal Husbandry; Trenton Dale Clinkman Horticulture; Chicago, Illinois *Otis Warren Cochran Horticulture; South Haven James Elliott Colling Poultry Husbandry; Detroit Paul Willis Cook Agricultural Extension; Camden John Collard Cootware Agricultural Education; Iron Mountain
Robert S. Crandall
Agricultural Education;
Fort Ann, New York
Victor Eugene Cronk
Agricultural Extension; Lansing Donald James Cullen Forestry; Wyandotte †John Richard Daily Forestry; Detroit
Daniel C. De Graff, Jr.
Forestry; Saginaw
Gerald Alva Dellenbach, Jr. Agricultural Education; Flushing Charles Paul Depp Animal Husbandry: Detroit William Charles Dietzel Forestry; Mt. Clemens *Harry Arthur Doehne Soil Science; Bethel, Connecticut Richard Allen Doxen Forestry; Chicago, Illinois Jack Alfred Drew Horticulture; Grosse Pointe William Matthew Dunavin Animal Husbandry; Webberville Anthony Paul Eannelli Forestry; Redgranite, Wisconsin Richard Lewis Easterday Agricultural Economics; Reading *Paul Marvin Efron Food Technology; Garfield, New Jersey William Richard Eick Agricultural Education; Goodrich Milton Elishewitz Dairy; New York, New York Burton Lewis Essex Forestry; Ionia Robert Oren Eubank Animal Husbandry; Dowagiac Richard Francis Fanning, Jr. Forestry; Woonsocket, Rhode Island Ivan Jorge Faroh Richa Landscape Architecture; Barquisimeto, Venezuela Weldon Gordon Faull Forestry; Grand Ledge

Lester Paul Bollwahn

Agricultural Education; Pigeon

Agricultural Education; South

Landscape Architecture; Flushing

^{*}With Honor †With High Honor

Harold Raymond Ferris Agricultural Education; Morenci William Robert Fiedler Animal Husbandry; LaGrange, Illinois Robert Everett Filback Forestry; Bark River Louis Theodore Folcik Agricultural Extension; Carney Renan Fontus Agricultural Mechanics; Haiti, West Indies Richard Edwin Forbush Forestry; Rochester John Benjamin Foster Farm Management; Clarkston Russell David Frazier Soil Science; Adrian Carl Robert Freeman Forestry; Drayton Plains Earl James French Agricultural Education; Reese Donald Syverson Frericks Forestry; Pontiac Charles William Freudenberg Animal Husbandry; Evansville, Indiana Louis Halbert Frey Forestry; Battle Creek
William F. Freymiller
Soil Science; Mott, North Dakota
Lloyd Robert Friedle
Horticulture: Midland Horticulture; Midland
Rainer Harry Fries
Forestry; Cincinnati, Ohio
David Henry Fritz
Forestry; Chicago, Illinois John Adams Fuller Agricultural Education; Oxford Wesley Frederick Furton Landscape Architecture; Detroit Charles Webster Gale Forestry; Pittsburgh, Pennsylvania *Howard Adams Gale Food Technology; Coloma Joseph Homer Galloway Animal Husbandry; Okemos Stanley Joseph Gamble Horticulture; Pentwater Elmer Gene Gannett Food Technology; Riverside, Illinois Harley Fox Gantz Forestry; Sharon, Pennsylvania Edward George Garbus Forestry; Linden, New Jersey Harrison Gardner Agricultural Education; Barryton Stephen Munroe Garfield Agricultural Extension; Parma *David Stanley Geisler Soil Science; Watervliet
Frank Vergilo Gendron
Agricultural Extension; Norway Arthur Thomas Gibbs Agricultural Mechanics; Ypsilanti Robert James Gibbs Forestry; East Lansing Harvey Peter Gibson Forestry; Manistee *James Winthrop Goff Forestry; Portland Ekin George Graber Forestry; LaGrange, Illinois Jack Cline Graim

Thomas Francis Greeley, Jr. Forestry; St. Albans, New York Norman Leslie Gregor Forestry; Detroit Harold Clayton Grey Landscape Architecture; Owosso Donald Kingsley Griffiths
Animal Husbandry; Ypsilanti Max Sawyer Gritzmaker Soil Science; Britton Gerold A. Haeske Farm Engineering; Saginaw Richard Armour Hale Forestry; Detroit Robert Campeau Hall Forestry; Detroit David Hamilton Landscape Architecture; Midland Lee Marcus Hansen Agricultural Economics; Trufant Cecil Gustav Hard Horticulture; Princeton, Illinois James Arthur Harris, Jr. Forestry; Port Huron Richard Leland Harris Forestry; Normal, Illinois Gordon Edward Hass Forestry; Omaha, Nebraska Charles Lloyd Hatchard Landscape Architecture; Flint Robert Carlton Hatfield Dairy; Remus Gordon Lee Hawks Landscape Architecture; Battle Creek William Comfort Hayden Agricultural Economics; Tecumseh John Joseph Hedderman Forestry; Albany, New York John Franklin Heim, Jr. Agricultural Education; Jackson Frederick Erich Heise Forestry; Dearborn Nassib Muhammed Hemaidan Horticulture; Aitat, Lebanon William Alfred Henriksen Forestry; Munising Jack Wallace Henry Forestry; Port Huron Lawrence Richard Herbst Horticulture; Brighton
Herbert Herzberg
Landscape Architecture;
Birmingham Harold Hill Dairy; Ontonagon Donald Hillman Agricultural Education; Deckerville Rudolph William Hirzel Food Technology; Toledo, Ohio Henry G. Hoge Landscape Architecture; Rockford, Illinois Sheldon Guy Holcomb Soil Science; Port Huron Orvis O. Holm Agricultural Education; Manistique Gerald Holstein Animal Husbandry; Pearl River, New York Glen Horton Forestry; Cleveland, Ohio Gerald Foust Huffman Animal Husbandry; Lansing *Amede Oren Hungerford

James William Ireland Landscape Architecture; Mishawaka, Indiana George William Irvine Forestry; Cedarville, Ohio Bruce A. Jackson Horticulture; Kalamazoo Harold Elum Jacobson, Jr. Forestry; Lansing Lee Michael Jahnke Forestry; Alpena Bernard Russell Jardot Agricultural Education; Eaton Rapids Frederick Forbes Jewell
Forestry; Oil City, Pennsylvania
Carl David Johnson Landscape Architecture; Lansing Eugene Gideon Johnson Agricultural Education; Rapid River LeRoy Charles Johnson Landscape Architecture; Ironwood Harry Henry Johnston
Soil Science; Chicago, Illinois
Leland Ervin Jolgren
Soil Science; Pelkie
Donald Daniel Juchartz
Horticulture; Wyandotte
Oliver Duene Intergel Oliver Duane Juengel Agricultural Education; Rochester Carol Ethel Kamerer Horticulture; Detroit Nick Karahalios Agricultural Economics; Kelly Lake, Minnesota Don Robert Kebles Soil Science; Jackson Alexander William Kennedy Forestry; Sault Ste. Marie Thomas Leroy Keogh Animal Husbandry; Toledo, Ohio William George King Landscape Architecture; Dexter Charles Edward Klein Forestry; Elk Rapids Philip Lee Klein Forestry; Beaver Dam, Wisconsin Stanley Harold Knopf
Agricultural Education; Monroe
Robert Alfred Koller Forestry; Roselle, New Jersey Joseph Victor Konzen Soil Science; Dearborn Alfred Ernest Koplin Forestry; Milwaukee, Wisconsin John Joseph Korosi Forestry; Whiting, Indiana Boris William Kostecke Agricultural Economics; Caro *Lewis August Krause
Agricultural Economics; Howell
Robert Allen Kretchman
Landscape Architecture; Saginaw Jack Alonzo Kuder Animal Husbandry; Winter Haven, Florida *Joseph John Kudzia Poultry Husbandry; Kalamazoo Harry Kushnir Agricultural Extension; Detroit Jay Edward Laarman Agricultural Extension; Marion Richard John Lafer Forestry; Port Clinton, Ohio Gilbert Royce Landtiser Soil Science; Detroit

Animal Husbandry; Alma

Agricultural Education; Afton

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Edward Glenn Penabaker

Forestry; Flint

Richard Lester Lane Forestry; Garrettsville, Ohio Robert Gregory LaPrad Agricultural Education; Detroit Gregory George Lawrence Forestry; Detroit James Charles Lawson Agricultural Extension; Milan Fred Lax Soil Science; Washington Theodore William Lee Agricultural Mechanics; Flint Arthur P. Leiss Animal Husbandry; Fairfield, Connecticut Ross LeRoy Lindsay Agricultural Education; Godells Donald Herbert Lodholz Forestry; Wausau, Wisconsin *Melvin Guy Long, Jr. Forestry; Sayner, Wisconsin Richard Lee Long Forestry; Pontiac John Gerard Lucas Farm Crops; Iron Mountain Thomas Hacker Maher Landscape Architecture; Midland Robert Franklin Mainone Forestry; Ravenna
Donald James Makielski
Horticulture; Ann Arbor
Edward Leon Makielski Horticulture; Ann Arbor Samuel Martin Agricultural Extension; St. Ignace Joseph Peter Marzec Agricultural Education; Buchanan Robert Louis Mason Forestry; Silvis, Illinois *Donald Thomas Maurer Agricultural Economics: Nashville Edward Joseph Mayrand Forestry; Corunna James Wendell McCall Forestry; Hillsdale Walter James McClarin Animal Husbandry; Buffalo, New York Lee Donald McLaughlin Animal Husbandry; Ardmore, Pennsylvania Kenneth George McManus, Jr. Agricultural Education; Mason Thomas Graham Meikle Forestry; Grosse Pointe Charles Allen Menke Agricultural Education; Stephenson Pete Merrick Forestry; Steubenville, Ohio Frederick Micha Forestry; Johnson City, New York Edward Joseph Mikula Forestry; Traverse City *Gilbert Lawrence Miles Horticulture; Binghamton, New York Phillip Henry Miller Animal Husbandry; Lansing Thomas Jack Miller Forestry; Fosters Evert Melvin Misener Horticulture; Freeland Mario Molina Vides Soil Science; Santa Ana, El Salvador, Central America Russell Leon Montney

Gordon Arthur Moote Forestry; Munising Verne Calvin Morgan Landscape Architecture; Chicago, Illinois Roger Lee Morgenstern Animal Husbandry; Wilmette, Illinois Bennett Abraham Moskowitz Food Technology; New York, New York George Elery Moulton Animal Husbandry; Jackson Charles Allen Mueller Forestry: Wausau, Wisconsin Richard Loren Mullan Forestry; Cleveland, Ohio William Frederick Muller Agricultural Education; Washingtonville, New York Charles Earle Mumby Agricultural Education; Corunna *Alvin Gene Musser Animal Husbandry; Three Rivers *Theodora Elizabeth Nagorsen Horticulture; Detroit John William Nara Animal Husbandry; Detroit Clemens Ralph Nefe
Landscape Architecture;
Frankenmuth
Richard Fred Nehls Animal Husbandry; Detroit Carl Dean Nelson Agricultural Education; Swartz Creek Russell Nelson Forestry; Chicago, Illinois Hans Kristian Nielsen, Jr. Forestry; Dunellen, New Jersey Edward Richard Noll Agricultural Education; Dundee Richard James North
Forestry; Port Arthur, Texas
Robert Dale Oberlin Horticulture; DeKalb, Illinois Peter William O'Brien Forestry; Lake Leelanau Kenneth Edward Ohmer Soil Science; Lansing Wilford Laverne Olsen Forestry; Bemus Point, New York Ventry Conway Oren
Agricultural Education; Evart Francis Joseph Orlicek
Agricultural Education; Hazen, Arkansas Claude Gordon Ouellette Forestry; Munising William Robert Paddock Forestry; Cleveland, Tennessee Cecelia Riegel Page Horticulture; Eaton Rapids Robert Gordon Parsons Forestry; Detroit *Dwight Lanterman Patton Forestry; Lakewood, Ohio James Robert Paull Forestry; Laurium Fred J. Peabody Agricultural Education; Mulliken Ann Moray Pedlow Horticulture; Millington George William Peery Forestry; Tazewell, Virginia *Ralph George Peinecke Forestry; Allendale, New Jersey James W. Pelham Agricultural Education; Cement

William Earl Peterman Forestry; Flemington, New Jersey Maynard John Peters Forestry; Rochester Kenneth Albert Pioch Forestry; South Haven *Sidney Pollack Soil Science; New York, New York James Edward Pollard Dairy; Norway Edward A. Poole Agricultural Education; Deckerville *John Clark Post Vocational Agriculture; Frederic Alexander Potoroka Landscape Architecture; Mt. Clemens *Clayton Edward Preisel Agricultural Education; Attica Richard Brand Priest Forestry; Monclova, Ohio Reid Taylor Putney Forestry; Richmond, Virginia Joseph William Quinlan Forestry; Johnstown, New York *Albert Benjamin Ratner Forestry; Cleveland, Ohio Enrique Real-Mendez Agricultural Extension; Panama, Republic of Panama *David Lloyd Reath Animal Husbandry; Vulcan Russell E. Reid Horticulture; South Bend, Indiana Charles William Renshaw Animal Husbandry; Oxford George Layton Rhoades Agricultural Education; Emlenton, Pennsylvania Ronald Keith Richmond Agricultural Education; Grand Ledge *Lowell L. Ricky Agricultural Extension; Lincoln, Nebraska James Phillip Roberts, Jr. Animal Husbandry; Calumet James Edward Robinette Horticulture; Grand Rapids
*Robert Edward Robinson Forestry; Sandoval, Illinois Charley James Rogers Forestry; Lynnhaven, Virginia Norman Jack Rosenberg Agricultural Mechanics; Brooklyn, New York John Page Roth Horticulture; Belding Harvey Earl Rowbotham Dairy; Port Huron Earl Ray Rowell Horticulture; Bucyrus, Ohio Robert M. Rowland Agricultural Education; Lake Odessa Jacob Bergen Rue, IV Dairy; Keyport, New Jersey James Lawrence Ryan, Jr. Horticulture; Carleton Dean Roland Rynders Forestry; Milwaukee, Wisconsin Lauren King Sackrider Agricultural Economics; Battle Creek Harold David Samuelson Agricultural Education; Menominee

Landscape Architecture; Byron

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George Leslie Sarver Agricultural Education; Brown City Robert Earl Sayre Forestry; Lansing Leo Desiderio Scaruffi Forestry; Oak Lawn, Illinois Conrad Paul Schaeffer Agricultural Education; Montgomery Wendell Dewese Schaller Forestry; Bowling Green, Ohio Lee Louis Schelder Forestry; Vineland, New Jersey
Lynn Travis Schlicher
Agricultural Economics; Lansing Frederick Ernest Schmid Forestry; Jackson *Jack Sheldon Schreiber Food Technology; Brooklyn, New York Carl Robert Schroeder Food Technology; Rogers City Donald A. Schulz
Agricultural Education; Barton City Robert William Schumacher Agricultural Economics; Grand Blanc Dana Edward Sebald Forestry; Coldwater Thomas R. Secor Forestry; Calumet
Richard Oswald Seglund
Forestry; Munising
Richard Clarence Seppanen
Poultry Husbandry; Rock
Haig Hill Sergenian Dairy; Yonkers, New York James E. Seymour Forestry; Battle Creek Derril Ernest Shantz Dairy; Fairview Calvin Leon Sharp Forestry; Pontiac Paul Shek Agricultural Extension; Grand Junction
Harold Dale Sheridan
Animal Husbandry; Jenison
Charles Austin Sherman Dairy; South Haven Creighton Lee Sherman Landscape Architecture; Marshall Robert Kendrick Siebenthaler Landscape Architecture; Dayton, Ohio William E. Simon Horticulture; Hart Donald Stuart Sivyer Horticulture; Detroit *Richard Frederick Sleep Forestry; Oaklawn, Illinois Conway James Smith Forestry; Cleveland, Ohio Harry John Smith Farm Crops; River Rouge James Wendell Smith Agricultural Mechanics; Coloma John Marvin Smith Animal Husbandry; Pinconning John William Smith Agricultural Education; Homer Claude Edmond Snyder Forestry; Morenci W. David Somers Animal Husbandry; Novelty, Ohio

Jack Roger Starks Dairy; Royal Oak Richard Camden Stemple Forestry; Coleman Harry David Sterling Forestry; Johnstown, Pennsylvania Gerald M. Stevens Forestry; Detroit †Lewis Frank Stevens Horticulture; Chicago, Illinois
Roger Theodore Stoppel
Landscape Architecture; Lansing
Glenard Curtis Stoychoff
Agricultural Mechanics; Iron River James Herbert Strang Forestry; Dearborn Richard Friend Stroud Agricultural Economics: Kalamazoo Gordon Simon Struble Agricultural Education; Alma Alphonse Sulskis Forestry; Binghamton, New York James Carlton Sutherland Agricultural Education; LeRoy Harold William Swanberg Forestry; Chatham Marvin Ray Swanson Forestry; Ludington Bernie Austin Swift Forestry; Melvindale Richard Louis Szelc Landscape Architecture; Detroit Hugh B. Tadlock Dairy; Toledo, Ohio George Joseph Tallia Forestry; Haledon, New Jersey Bettylou Richmond Terry Animal Husbandry; Brandon, Vermont James Knox Tew Forestry; Rice Lake, Wisconsin Louis Edward Thom Agricultural Extension; Moorhead, Minnesota Dennis Herbert Thomas Forestry; Grosse Pointe Don Lewis Thornton Forestry; Birmingham Robert John Todd Forestry; Carleton †Burton Van Bochove Toornman *Boyd Francis Trommater
Education; Hart
*Anthony Lawrence Tryban
Agricultural Education;
Chebowgen Cheboygan Douglas Sylvester Turini Agricultural Extension; Vulcan *Kenneth W. Tweedy Agricultural Education; Marion John Richard Van Allen Soil Science; Ypsilanti
†Alan Earl Van Antwerp
Agricultural Education; Tustin
Donald Harding Vander Veen Landscape Architecture; Mason Jacob Theodore Vander Sys Forestry; Spring Lake Kenneth Van Patten Dairy; Litchfield Gerald Peter Van Singel Agricultural Education; Grandville Marvin Van Tuinen Animal Husbandry; Grand Rapids

Doward Eugene Vaughan Landscape Architecture; Kingsford Edwin George Ver Berkmoes Agricultural Education; Grand Haven William John VerMeulen
Forestry; Kalamazoo
*Donald H. Viele
Forestry; Schnectady, New York Gerald Disney Vogt Horticulture; Sturgis George Martin Von der Lippe Forestry; Chicago, Illinois James Edward Voss Landscape Architecture; Muskegon Martin Veikko Waananen Agricultural Economics; Kiva Agricultural Economics; Kr Bernard Russell Waitman Poultry Husbandry; Monroe Donald Frederick Wall Forestry; Belleville Wilfred John Wallace Forestry; Muskegon Francis Raymond Walter Forestry; LaCresent, Minnesota *Russell Smith Walters Forestry; Ludington Howard Duane Watkins Agricultural Education: Osseo Garnet George Webb Dairy; Highland Park Duane Webster Forestry; Hudson Raymond George Weidner Forestry; Cleveland Heights,Ohio *Bert Alan Wells Forestry; Berkley *Leland Myron Welsh Horticulture; Albion Robert James Werner Landscape Architecture; Grand Rapids Lucius Vernon White Forestry; Pasadena, California LeRoy Winfield Whitman Forestry; Silver Springs, Maryland *Donald Keazer Whittemore Forestry; South Weymouth, Massachusetts Wendell Lynwood Wilk Agricultural Education; Alma John Tilman Williams Animal Husbandry; Detroit Oland Walker Williams
Forestry; Battle Creek
Elwood Kenneth Wilson
Agricultural Education; Almont
Richard Samuel Wilson Agricultural Economics; Rochester Harry Lewis Winston, Jr. Dairy; Birmingham Harry Raymond Winters, Jr. Horticulture; Grand Rapids Myron Eugene Wirth Agricultural Economics; Owosso Leslie William Wisuri Forestry; Iron River Blash Bartel Wolf Animal Husbandry; Ensign Victor Teofil Wolf Agricultural Extension; Ensign William James Wood Animal Husbandry; Detroit John Henry Worthington
Farm Management; Romeo
Paul Franklin Worthington
Agricultural Economics; Romeo

Karl Winslow Spelman Forestry; Adrian

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Earl G. Wright
Agricultural Economics;
Ashtabula, Ohio
Herbert Lee Wright, Jr.
Animal Husbandry; Vickery, Ohio

Loren Benton Young
Vocational Agricultural Education;
Niles
William George Younglove
Forestry; Highland Park

Steve Joseph Zitkovich
Forestry; Hinsdale, Illinois
Lester Paul Zoodsma
Agricultural Mechanics;
Lowell

DEGREE OF BACHELOR OF SCIENCE IN FORESTRY

Lester Eugene Anderson
Falconer, New York
Paul John Bois
Lake Mills, Wisconsin
Robert William Brandt
Montrose
John Harrison Fagan
Flint
Edward George Garbus
Linden, New Jersey
Richard Edward Gilpin
Mount Clemens
Edward Henry Hanses
Chicago, Illinois

Carl Walter Heinowski
Lansing
Frederick Erich Heise
Detroit
Harold E. Jacobson, Jr.
Lansing
Lee Michael Jahnke
Alpena
Robert Alfred Koller
Roselle, New Jersey
Edward Joseph Mayrand
Corunna
Royce Eugene Mossholder
Joliet, Illinois

Richard Loren Mullan
Detroit
William Theodore Nelson
Marquette
Robert Charles Peterson
Muskegon
Charley James Rogers
Lynnhaven, Virginia
Conway James Smith
Cleveland, Ohio
Richard Brown Steere
Akron, Ohio
William John Ver Meulen
Kalamazoo

Business and Public Service

The candidates will be presented by DEAN HERMAN JACOB WYNGARDEN

DEGREE OF BACHELOR OF ARTS

John Douglas Aber Business Administration: Montour Falls, New York Robert Edward Adams Business Administration; Jackson Clark John Afendoulis Business Administration; Grand Rapids Marilyn Joan Ahlgrim Economics: Sturgis Roderick James Alderton Business Administration; East Lansing James Glenn Aldrich Journalism; Pontiac Earl M. Alexanderson Business Administration; Buffalo, New York Joseph Wayne Allen Business Administration; Howell Louis Richard Almquist Business Administration; Flint Paul William Alpers Business Administration; Traverse City Robert Anthony Amori Business Administration; Detroit Janet Simonsen Amori Business Administration; Detroit Arne Andersen Business Administration; Ludington David Just Anderson Economics; Iron Mountain Mary Joan Andreasen Journalism; Holland Thomas Paul Antioho Business Administration; Calumet Edward William Archbold Journalism; New Hyde Park, Long Island, New York Norma Ardash Journalism; Detroit Robert Louis Arnson Business Administration; Muskegon John Bryan Baggott Business Administration; Ludington Robert Bruce Bailey Business Administration; Walled Lake Charles Arthur Baldwin Journalism; Lansing James Owen Bard Business Administration; Flint J. Gordon Barhyte Business Administration; Flint Lawrence Louis Barkle Business Administration; Iron Mountain Robert Frederick Barnes Business Administration; Chico, California *Max Donald Barnhart Business Administration;

Dennis Kelly Barrett Business Administration: Wilmette, Illinois Robert Edgar Barton Business Administration; Birmingham Raymond Edward Basso Journalism; Owosso Robert Wolfe Baum Hotel Administration; New Rochelle, New York Paul Lawrence Bauman Business Administration; Battle Creek Edwin Ralph Bayer Economics; Pontiac Thomas Beauchamp Hotel Administration; Lansing Nathaniel Seeley Bell Business Administration; Glenview, Kentucky Raymond Arthur Bell Economics; Birmingham George Seymour Belleville Business Administration; Evart Edward G. Belyea Public Administration; Lexington, Massachusetts James Freeman Benjamin Business Administration; Flint Adam Neil Bennett Business Administration; Mount Clemens Thomas James Bennett Economics; Midland Frederick Sanford Benson Business Administration; Medina, New York Leonard Eugene Benson Business Administration; Cambridge, Massachusetts Oliver Edwin Bently, Jr. Business Administration; Muscatine, Iowa Richard Anthony Berger Social Service; Chicago, Illinois David Joseph Bergeron Business Administration; East Tawas *Thomas Martin Bergers Business Administration; Grand Rapids Robert Jon Birke Economics; Hart †George Alonzo Bisel Business Administration: Lansing Ralph Leonard Bleich Economics; Detroit Oren Duane Blevins Business Administration; Marion William Gunn Boales, Jr. Business Administration; Grosse Pointe Betty Ann Bock Journalism; Birmingham Jack Edward Bolton Business Administration; Detroit Duane Preston Bone Business Administration; Battle

George Louis Boomsma Business Administration: Hackensack, New Jersey *Donald Richard Borthwick Journalism; Detroit Daniel Nelson Boutell Economics; Ypsilanti Cecil Lynn Bovee Journalism; Lombard, Illinois Arvel Troy Bowman, Jr. Business Administration; Centerline Donald James Boyd Business Administration; Bronxville, New York John Harold Boyer Journalism; Northbrook, Illinois Byron Thomas Bradley Business Administration; St. Louis Richard Archie Bradt Business Administration; Alma Thomas Richard Bramson Business Administration; Bloomfield Hills Alfred Robert Bransdorfer Journalism; Lansing *Stephen Christie Bransdorfer Journalism; Lansing Kosta V. Branoff Business Administration; Flint John Charles Brayley Business Administration; Detroit *Bernard Joseph Brennan Business Administration; Bay City Roy Reinhold Broman Business Administration; Detroit John Roy Brooks Business Administration; Carson City Leonard David Brose Business Administration; Detroit Herbert Joseph Broughton Business Administration; Birmingham Edward Clement Brown, Jr. Business Administration; Ferndale James Nelson Brown Journalism; Mason Lorraine June Brown Journalism; Cassopolis †Roger Allan Brown Business Administration; Lakewood, Ohio James Thomas Bruce Business Administration; Ferndale Benjamin Richard Bucell Hotel Administration; Brooklyn, New York Robert Dugald Buchanan Hotel Administration; East Lansing William James Buckingham Hotel Administration; Cleveland, Ohio Harlan Blane Buckman

Business Administration;

Gladstone

St. Charles

Karl Fredrick Barnowske

Economics; East Detroit

Creek

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Donald Paul Burger Hotel Administration; Madison, Wisconsin Donald Arthur Burton Business Administration: Lincoln Park Merlin Ernest Bush Business Administration; Muskegon Heights Douglas William Byers Business Administration; Charlevoix Leonard Paul Caflisch, Jr. Business Administration; Chicago, Illinois Howard M. Cain, Jr. Business Administration: Mt. Morris Joseph Eugene Caldarera Hotel Administration; Taylorville, Illinois *Jake Clayton Callier Business Administration; Lowell Charles Edward Calvert, Jr. Business Administration; Saginaw Frank Robert Cameron Economics; Detroit Lorne Atwood Cameron Hotel Administration; Cleveland, Ohio
Robert James Cameron
Economics; Grand Rapids Robert Donald Camp Business Administration; Midland Richard Duncan Campbell Business Administration; Bay City Thomas Campbell Economics; Detroit James Ross Cannon Economics; Detroit John Lewis Cannon, III Hotel Administration; New Haven, Connecticut Robert Harvey Cantwell Business Administration; Perry George Capitan Business Administration; Owosso Harry Norman Capper Business Administration; Bay City James Thomas Carbonneau Business Administration; Grand Rapids Kathleen Esther Carlin Business Administration; Roanoke, Virginia Herbert James Carlon Business Administration; Walker Valley, New York John Russell Carlson Business Administration; Chicago, Illinois Bruce T. Carr Journalism; Eaton Rapids Robert Warren Carr Journalism; Pinckney Roger Robert Carrington Hotel Administration; River Rouge Elmer D. Carson Hotel Administration; Amaranth, Pennsylvania Floyd Robert Cassidy Business Administration; Gladstone John Marcus Cassidy

*Joseph Leo Cassidy Journalism; Malden, Massachusetts William Miles Cavitt Business Administration; East Chicago, Indiana Josephine Ann Chally Business Administration; Morris, Illinois Robert Glenn Chambers Business Administration; Aurora, Illinois Dudley Cooper Chapman Business Administration; Okemos Peter S. Chapo Journalism; Bangor MaryLou Charron Journalism; Farmington Edward Joseph Chase Business Administration; Grand Rapids George Wilbur Checketts Business Administration; Farmington Clair Edward Chesebro Economics; Fenton James Hung Choye Journalism; Shanghai, China Daniel James Church Business Administration; Detroit Nancy Ann Church Social Service; Flint Chester Cierlak Economics; Grant Charles Raymond Clark Business Administration; Elk Rapids Robert Eugene Clark Business Administration; East Lansing Richard Thomas Cleveland Journalism; Detroit Nancy Lou Clugg Social Service; Bay City Lawrence John Clysdale Journalism; Detroit James Charles Coates Economics; Metamora Kenneth Lee Cobe Business Administration; Chicago, Illinois Robert Merle Coble Journalism; Jackson David George Cole Journalism; Detroit †William Harvey Collawn Business Administration; Baltimore, Maryland Elizabeth G. Collins Journalism; Marshall James Mason Collins Economics; Flint Joseph John Comps Journalism; Pontiac John Donald Compton Business Administration; Flint George Rensselaer Conklin Business Administration; Goshen, New York Lillian James Constand Hotel Administration; Detroit Herbert Robertson Cook Economics; Detroit Gale Franklin Cooley Business Administration; Howell Charles Malcolm Cooper Business Administration; Benton Harbor Robert Coleman Cooper Hotel Administration; Webster Groves, Missouri

Raymond Robert Coppa Hotel Administration; New Bedford, Massachusetts William Alger Corbishley Business Administration; Sandusky Dale D. Corcoran Business Administration; Cadillac Patrick John Corcoran Business Administration: Flint Thomas James Corcoran, Jr. Business Administration; Owosso Ernest Salling Cornwell, Jr. Business Administration; Saginaw *Jeanne Alice Corsette Journalism; Walled Lake James Edward Cottrell Business Administration; Detroit Warren Coughlin Journalism; DePue, Illinois George Courtis Economics; Muskegon *Gerald Lee Cox Business Administration; Grand Rapids John Henry Cox Business Administration;
Traverse City
Milton Lamont Craig
Journalism; Lansing
*Thomas Arlen Creager Business Administration; Oak Park, Illinois Joanne Marjorie Crego Social Service; Lansing *Ralf Andrews Crookston, Jr. Business Administration; Birmingham Robert John Crozier Business Administration; Berkley Gene Roger Cummins Business Administration; Pontiac George Finlay Cunningham Business Administration; Detroit Gerald Robert Curtis Political Science; Detroit Jack Hedlund Cvengros Economics; Ironwood Phyllis Elaine Davideit Journalism; Detroit tHerbert Ralph Davidson Business Administration; Lansing Raymond William Davio Journalism; Detroit †Barbara Lucine Davis Business Administration; Lansing Hazel Watts Davis Social Service; Woodstock, New York John Pierre Davis Hotel Administration; Battle Margaret Elizebeth Davis Journalism; East Lansing Denver D. Day Business Administration; Adrian Frank Donald De Cavitte Business Administration; Grosse Pointe Park Dale E. Decker Journalism; Ovid Howard Morris Dedow Business Administration; Detroit Austin George Deemer Business Administration; Romeo Donald Andrew Deeter Journalism; Pontiac Louis George Deinzer, Jr. Journalism; Detroit

Journalism; Harbor Springs

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Carl Frank Del Prete Economics; Brooklyn, New York Leon Frederick De Marais Journalism; Detroit John Emerson DeMond Economics; Jackson Richard Simon Den Uyl Business Administration; Grosse Pointe Farms Don Morton DeWolf Business Administration: Huntington Woods Donald George Diamond Business Administration; Monroe *Howard Mills Dick Journalism; Benton Harbor Burnell Robert Dietrich Business Administration; Barrington, Illinois *Jeanne Carrol Doremire Social Service; Midland *Carolyn Mae Dorner Journalism; Detroit Leonard A. Doto Social Service; Lansing James Richard Douglas Economics; Lansing Marvin Mills Drake Business Administration; Flushing Robert Harvey Drouillard Business Administration; Algonac Warren Oliver Druetzler Business Administration; LaGrange, Illinois Herbert L. Duff, Jr. Hotel Administration; Sault Ste. Marie Jack Taylor Dulworth Journalism; Hudson James H. Dunbar, Jr. Journalism; Dearborn *John Joseph Dunne Business Administration; Worcester, Massachusetts Lewis Hugh Ealy, Jr. Business Administration; Traverse City, Michigan Gordon Lee Easlick Business Administration; Sebewaing Frederick William Eberhardt Hotel Administration; Lenox Ellen Eckerman Social Service; East Lansing William Kent Ecklund Business Administration; Flint William Merritt Eddy Business Administration; Ionia Donald Defoe Edgerle Business Administration; Grand Rapids †Jack Edo Economics; Dearborn George W. Egglefield Hotel Administration; Elizabethtown, New York John Paul Ehardt Business Administration; Baroda

Sara Joan Eilber Social Service; Detroit Eldean Julius Eisele Business Administration; Chelsea Karl Emil Eitel Hotel Administration; Chicago, Illinois

Francis Reid Ekleberry Business Administration; Flint James Arthur Ellis Economics; Huntington Woods Robert Samuel Elston Journalism; Royal Oak *Howard Omer Emorey Business Administration; Royal Oak William Grant Erb Economics; Flint Robert Atwood Ernst Hotel Administration; Grand Rapids Shirley Jedele Eskelund Journalism; Ann Arbor Grant Edgar Estep Business Administration; LaGrange, Illinois Lewis Wilder Estes Economics; Battle Creek Kenneth Jay Etterbeek Business Administration; Holland Robin George Ewen Business Administration; Birmingham Clinton William Eyke, Jr. Journalism; Lowell Wilfred Code Farner Business Administration; Royal Oak James W. Farrell Hotel Administration; Houston, Texas Loren Chase Farwell Business Administration; Flint William Lawrence Faust, II Economics; East Grand Rapids Donald Federman Journalism; Utica, New York Junior Leo Fendt Business Administration; Farmington Eugene Russel Fender Public Administration; Niles Donald Albert Fisher Economics; Birmingham Ralph Johnston Fisher Business Administration; Midland Robert Lee Fisher Business Administration; Kalamazoo Samuel Roberto Fito' Economics; Caracas, Venezuela James Edmund Fitzgerald Journalism; Port Huron James Francis Flagg Business Administration; Battle Creek John Warren Fleck Business Administration; **Grosse Pointe** James W. Fleming Economics; Pontiac Richard Mervin Fleming Business Administration; Saginaw *Alice Louise Flicker Social Service; Omaha, Nebraska John Adam Flory Business Administration; Lansing Albert Clarence Foell Business Administration; Grand Blanc Joseph Fontana, Jr. Public Administration; Mason Mei-Lou Foo

Niles Geo. Foss Business Administration: Cleveland Heights, Ohio Robert Franklin Foss Business Administration; Owosso Robert James Foss Economics; Richmond George David Foster Economics; Cadillac Edward Louis Fox Business Administration; Ionia Marvin William Fox Business Administration; Flint Robert Jarrett Fralick Business Administration; Detroit Peter Fratt Journalism; Roslyn, New York *Charles Gordon Frederick, Jr. Business Administration; Lansing William Dale Fredricks Business Administration; Holland Donald J. French Social Service; Durand Garth Turner Frost Economics: Flint Charles Jacob Fruehauf Business Administration; Midland Andrew Howard Fryxell Business Administration; Detroit Hubert Russell Fuller Business Administration; Hastings Perle Elizabeth Fulton Business Administration; Jackson Charles Shoichi Furuya Business Administration; Honolulu, Hawaii *Paul Victor Gadola Business Administration; Flint Talford Mathew Gainey
Hotel Administration;
Bradenton, Florida Robert West Gang Hotel Administration; Perry *Gaylord Emerson Gardner Business Administration; East Lansing Judith Ann Gardner Journalism; Detroit Arthur G. Garofalo Business Administration; Westerly, Rhode Island Fredrick Wilson Garvey Business Administration; Muskegon Nancy Allen Gass Journalism; Toledo, Ohio Harold Frederick Gasser Business Administration; Birmingham Roy Andrew Gast Journalism; Detroit *Spyros Achilles Gavrilides Business Administration; Grand Rapids Bernard Gelfman Business Administration; Brooklyn, New York Samuel Joseph Genco Economics; Jackson John Adam Gentzler Business Administration; Bethesda, Maryland Arthur Kenelm Gibson Journalism; Grand Rapids John Hilliard Gibson Business Administration; East Lansing Ralph Herbert Gillam

Hotel Administration; Petoskey

Business Administration; Detroit

Journalism; St. Johns

*Glendalyn Rose Foran

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Lawrence Nelson Glarum Hotel Administration; Elberta Barbara Rae Glaser Business Administration; Vernon Barbara May Gleason Business Administration; Fremont *Audrey Sutter Glenn Business Administration; Heyworth, Illinois William Frank Glenn Business Administration: Detroit Jack William Glupker
Business Administration; Holland George Euell Godby Journalism; St. Albans, West Virginia *Patricia Francis Goetz Journalism; Grand Rapids George Nelson T. Goldberg Journalism; Port Chester, New York Richard Russell Goodwin Journalism; Detroit James Perrin Gork Public Administration; East Grand Rapids Robert Wilbur Graff Business Administration; Muskegon John Kenneth Graham Business Administration; Flint †Robert Ellis Grant Business Administration; Bancroft Herman Graulich Business Administration: Brooklyn, New York Robert John Graves Political Science; Alpena Joseph Leslie Green Business Administration; Dearborn Rial Newton Greenman Journalism: Decatur *Charles Sheldon Grill Business Administration; Chicago, Illinois Arthur James Grimm Business Administration; Pontiac William E. Gruber Business Administration; Maynard, Massachusetts Wallace Charles Guertler Journalism; Detroit Helen Elizabeth Gustavson Journalism; Pontiac David Charles Haadsma Business Administration; Grand Rapids Edward Thomas Hacker Business Administration; Lansing James Edward Haggard Business Administration; Pontiac Victor Lee Hahn Business Administration; Highland Park William Romanus Haley Social Service; Flint Bruce Orval Hall Hotel Administration; Eaton Rapids Dixon Mahlon Hall Business Administration; Detroit Eugene Francis Hall Economics; Fennville Thomas Stuart Hall

Beverly Jean Hamilton Business Administration; Portland Henry Adam Hamp Public Administration; Lansing Gurbuz Mahmut Hanif Business Administration; Ankara, Turkey John Norman Hansen Journalism; Virgil, Illinois John Edgar Hardy Business Administration: Birmingham Gerard Henry Harland Economics; Flint Robert Eugene Harr Business Administration; Munith Ralph Laurence Harris Business Administration: St. Clair Shores Carl Paul Harvey Business Administration; Michigan City, Indiana Claude Richard Hastings Social Service; Lansing Marion Robert Hatfield Journalism; Howell Gordon Rhodes Hawkins, Jr. Business Administration; Grand Rapids Vincent Edward Hayes Journalism; Birmingham Charles William Heberer **Business Administration**; Birmingham Craig N. Hecker Business Administration; **Grosse Pointe** *Maxine Isabella Hedgecock Journalism; Van Dyke George J. Helmig Business Administration; Pleasant Ridge Frederick Gurney Hendrickson Business Administration; Rockford Stewart Eugene Hendry Business Administration; Lincoln Park Milton Henkel Business Administration; **Grosse Pointe** Richard Stanley Hennes Business Administration; Benton Harbor Dwight M. Herman
Public Administration; Worthington, Minnesota Daniel John Hewitt Business Administration; East Detroit Donald Raymond Hibbert Economics; Ironwood Howard James Hildenbrand Economics; Highland Park Elwyn William Hilsabeck Business Administration; Flint Raymond W. Hilzinger Business Administration; Royal Oak Dale Robert Hockstra Business Administration; Edmore Richard Lawrence Hodge Journalism; Grand Ledge James Otus Hodges Business Administration; Concord Leona Marie Hodges Social Service; Grand Rapids Dorothy Eleanor Hoffman Business Administration; East Lansing

Richard Gordon Hoffman **Business Administration:** Saugatuck Donald B. Hoge Business Administration; Birmingham Howard Paul Holmes Business Administration; Dearborn †Ruth Orr Holmes Social Service; Battle Creek Eleanor Jane Holowinski Business Administration; Monroe John Milton Holt, Jr. Journalism; Brighton Robert Frank Hones Business Administration; Jackson Weston Arnold Hook Economics; Honolulu, Hawaii Donald Robert Hoover Economics; Oak Park, Illinois William Joseph Horine Hotel Administration; White Plains, New York William Davis Hourihan Business Administration; Flint Marvin Elmer Howell Business Administration; Royal Albin Paul Hughes Business Administration; Manistee *Helen L. Hughes Journalism; Chicago, Illinois William A. Hume Public Administration; Muskegon Heights Kenneth Clifton Hunt Business Administration; Jackson Hilton Walter Hunter Business Administration; Midland Nancy Twitchell Hunter Political Science; Springfield, Ohio Allen Ives Hunting Business Administration; Grand Rapids Gerald David Hurd Political Science; Oak Park, Illinois Duane E. Hurrell Business Administration; Owosso Laura Ann Hutton Journalism; Farmington Lynwood J. Hynes Business Administration; Lake Odessa James Charles Irvin Business Administration; Battle Creek Lewis Lincoln Irwin Business Administration; Pontiac Robert Callow Irwin Business Administration; Pontiac Don Deward Jackson Business Administration; Manistee *William Hartzell Jackson Business Administration; Petoskey Russell Arthur Jacobs Business Administration; Essexville John Charles Jacobsen Business Administration; Metamora *Elaine Ruth Jalonen Social Service; Ironwood William Chalice Robert James Economics; Flint

David William Haller

Business Administration;

Business Administration; Lowell

Newtonville, Massachusetts

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Donald Eugene Jankura Hotel Administration; Bridgeport, Connecticut Richard Stanley Jarmus Hotel Administration; Alpena Raymond Alfred Jarrard Hotel Administration; Flint Arthur Emerson Jeffers, Jr. Business Administration; Three Rivers James Rowland Jenkins Journalism; Deerfield Betty Maxine Job Business Administration; Dearborn Glenn Theodore Job Journalism; St. Joseph George Marius Johnsen Business Administration; Belleville Calvin Koy Johnson Hotel Administration; Lansing Earl Watkins Johnson, Jr. Journalism; Muskegon †Frances Ann Johnson Journalism; Whitehall Kathryn Virginia Johnson Journalism; Detroit Norman Devine Johnson Business Administration; Ishpeming Oscar Edward Johnson Business Administration; Eaton Rapids Robert Collins Johnson Social Service; Flint Donald Bruce Johnston Business Administration; Wilmette, Illinois †George Donald Johnston, Jr. Journalism; Stanford, Connecticut William Robert Johnston Business Administration; Union City, New Jersey
Robert Lewis Jondron
Business Administration; Algonac Beverly Harriet Jones Journalism; Ferndale Thomas Howard Joyce Journalism; Grosse Pointe Park Lyle Gordon Kaechele Business Administration; Caledonia Milton Kafkalis Business Administration; Detroit Bernard Anthony Kaldahl Business Administration; Bear Lake Robert Paul Kaleth Business Administration; Chicago, Illinois Bessie Kim Oi Kam Social Service; Honolulu, Hawaii Eugene Braun Kammert Business Administration; Grand Rapids Stephen Daniel Karafa Business Administration; Muskegon Heights Jack A. Katchmar Economics; Detroit Henry Herbert Katz Business Administration; Detroit Robert Charlie Katz Business Administration; Battle Creek

Ralph William Kausch Business Administration; Detroit Wilmer Johnson Keeney Hotel Administration; Dearborn *Maxine Kellogg Journalism; Lansing Paul Douglas Kelly Hotel Administration; Ridgewood, New Jersey Eugene Joseph Kendra Business Administration; Muskegon Jay Coolidge Kenney Hotel Administration; Detroit James Power Ketchum Journalism; East Lansing Robert Spencer Keyes Economics; Birmingham *Gretchen Louise Kiebler Social Service; East Lansing *Norman Carl Kiefer Economics: Flint Robert Earl Killackey Journalism; East Lansing Kenneth Gerald Kimble Business Administration; Grand Rapids James Michael King Business Administration; Gary, Indiana John Harry King Business Administration; Lansing Joseph Brook King
Business Administration; Sturgis
Jesse Frank Kinsey
Political Science; Cadillac
Robert Frederick Kitchen Business Administration; Cheboygan Thomas Cecil Klapperich Business Administration; St. Joseph Robert Christian Klein Hotel Administration; Detroit John James Klimoff Business Administration; Detroit John Arthur Kloha Business Administration; Berkley Bruce Alan Knowles Business Administration; Highland Park Gordon Thure Knutson Business Administration; Coloma Don Lee Koch Business Administration; Saginaw Harold Frank Koeplin Hotel Administration; Saginaw Edward Arthur Koerner Hotel Administration; Manitowish Waters, Wisconsin Michael Paul Kolian Business Administration; Detroit Eldon James Kolka Economics; Bay City Anne Kontas Social Service; Lansing Ramon Joseph Kramer Journalism; Chicago, Illinois *Lawrence Stanley Krot Business Administration; Hamtramck Carl Martin Krueger, Jr. Business Administration; Detroit Roman Peter Krupczak Business Administration; Port Huron Martin Joseph Kuchar

New Buffalo Harry Kyle Business Administration; Detroit Robert Charles LaBine Business Administration; Toledo, Ohio Albert Joseph Laforet Business Administration; Detroit Ronald Francis LaFountain Journalism; Iron River Frederick Joseph Land Business Administration; Dearborn Duane Wilson Lane Business Administration; Jackson James Francis Lange Business Administration; Spring Lake Paul Lanigan Hotel Administration; Stamford, New York William Lavern Lanphar Journalism; Romeo Edward Neil Larson Journalism; Benton Harbor Willard Irving Larson Business Administration; Muskegon Lyle Howard Lashaw Hotel Administration; Schenectady, New York Robert Harris Lavery, Jr. Business Administration; Highland Park
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Eugene Kuish

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John Thomas MacFarlane
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Leigh Patricia Macho
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John Conover MacMeekin
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Edward Walter Marsh
Business Administration; Detroit

Kenneth Lyle Marshall Economics; East Lansing Martha Jane Marshall Journalism; East Lansing

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Carew Pitt Martindale

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Saginaw Wallace Bruce Matthews Hotel Administration; Comstock Park

Marvin Gene Maudlin Journalism; Royal Oak Theodore Hall Maupin Business Administration; Monroe Business Administration; Detroit Walter Henry Mayer

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Thomas Owen McCanna

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*Patricia Netta McKeown
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Business Administration; St. Clair Shores John Francis McKinney

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Business Administration; Lansing Wendell Robert McLogan

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Loren R. Millette
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Business Administration; Lanai,
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Neil Roy Moen Business Administration; Sherwood

Richard Joseph Monahan Economics; Detroit

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Rapids
Robert Charles Morden
Business Administration; Corunna

Daniel Louis Morey
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John Albert Morley

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Journalism; Old Greenwich,

Journalism; Old Greenwich, Connecticut Douglas Erwin Morse

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Robert Mortelle Muehlberger Political Science; East Lansing Richard Frank Mule

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Beverly Anne Munson Business Administration; Muskegon

Kenneth D. Munson
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Robert Bruce Munson Business Administration; Lansing Robert Alanson Munyan

Business Administration; Highland Park

Owen Eugene Murphy Hotel Administration; Rome, New York

Grant Eugene Murray
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Joanne Marie Reid

Katherine Papajohn

Business Administration; Detroit

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Kenneth Roy Simmons

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Journalism; Unionville

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John L. Vrona Business Administration; Grand Rapids Oscar Archie Wade Economics; Lansing Dawn Rosemary Waha Social Service; Detroit *G. Fred Wait Business Administration; Pinconning Cynthia Jean Waites Journalism; Highland Park Journalism; Highland Fark
William Miller Walbeck
Journalism; Marshall
John Stadler Walker
Business Administration; Adrian Paul Clayton Walker Business Administration; Detroit Sheldon Richard Walker Business Administration; Albion George Merton Wallace Economics; Davison Jack Wallach Economics; Brooklyn, New York Kelly Parker Walquist Journalism; Roseville John Kenneth Walsh Journalism; Muskegon Daniel Frederick Walters Business Administration; Detroit John W. Wangen Business Administration; Traverse City Frank E. Warden, Jr. Business Administration; Grand Rapids George Gardner Watson Business Administration; Evanston, Illinois Martha Ann Watt Political Science; Rockwood Edith Jean Watts Business Administration; Belvidere, Illinois Paul Edward Weber Business Administration; Gaines *Theodore Webster Business Administration; Detroit Dolores Yvonne Weinberg Business Administration; Flint Louie John Weiss Business Administration; Birch Run Alph Edward Weldon Hotel Administration; Lapeer Alexander Stephen Wells Hotel Administration; Nashville, Tennessee Edward Charles Wenzel Business Administration; Flat Rock Donald Albert West Business Administration; East Lansing David Bryce White Hotel Administration; Vermilion, Ohio Dennis Alan White Journalism; Detroit Gerald Gordon White Business Administration; Detroit *Robert Charles White Business Administration; Flint Clyde Leland Widmayer Hotel Administration; Manchester Fredrick James Wiles Business Administration; Lansing Jack Eugene Williams Business Administration; Flint

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Physical Education, Health and Recreation for Men; Detroit Calvin Gustave Dommke

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Rae Drake Physical Education, Health and Recreation for Men; Stambaugh George Ellis Duckworth

Physical Education, Health and Recreation for Men; Flint

Robert Fredrick Enders Physical Education, Health and Recreation for Men; Flint

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Physical Education, Health and Recreation for Men; Wyandotte

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George Drexel Ish Police Administration; Chicago, Illinois

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Albert Wayne McCort Physical Education, Health and Recreation for Men; Lansing James Leroy McMahon

Police Administration; Detroit Joseph Phillip Mejeur

Police Administration; Kalamazoo Montrell E. Mills

Police Administration; Burkburnett, Texas Russell Everett Murten

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Lake, Wisconsin Norman Jacob Nelson Physical Education, Health and

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Mark Hauser O'Donnell Physical Education, Health and Recreation for Men; Norway

Clinton Mark O'Jibway

Physical Education, Health and Recreation for Men; Ferndale

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Herbert F. Olney

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Andrew Pochodylo, Jr.

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Police Administration; Milan Richard Robley Rader

Physical Education, Health and Recreation for Men; Lansing Nicky Delton Ravashiere

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David Thomas Rumler Physical Education, Health and Recreation for Men; Jackson

Donald Nelson Russell Police Administration; Detroit Richard Arnim Sampson, Jr.
Police Administration; Hammond,

Indiana

William Seitz, Jr.

Physical Education, Health and Recreation for Men; Jackson Charles Morris Sirhal

Police Administration; Lansing Paul Skitka

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Michael Patrick Stinton Police Administration; Romulus Melvin Louis Stout

Physical Education, Health and Recreation for Men; Philadelphia, Pennsylvania

Frank Lloyd Sudac

Physical Education, Health and Recreation for Men; Escanaba Robert N. Syers

Physical Education, Health and Recreation for Men; Holton Vincent Joseph Tanzola, Jr.

Physical Education, Health and Recreation for Men; Battle Creek

Ronald Clare Towns Police Administration; Flint

Vincent Joseph Velesenti Physical Education, Health and Recreation for Men; Lyons, New York

Helen Janice Wait

Physical Education, Health and Recreation for Women; Flint

Richard Oscar Walbrecq Police Administration; Dearborn Robert Otto Wallis

Physical Education, Health and Recreation for Men; Sault Ste. Marie

William Travis Wanzeck Police Administration; Ann Arbor

Robert Hartley Weed
Police Administration; Detroit
Hollis H. Whitaker
Police Administration; Howell

Raymond Paul Williams

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Robert Stanley Wirbel Police Administration; Grand Rapids

Arvilla Evelyn Wohlin Physical Education, Health and Recreation for Women:

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Physical Education, Health and Recreation for Men; Jackson Robert Howard Wood

Police Administration; Plymouth Gerrit Herman Yonker, Jr.

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Physical Education, Health and Recreation for Men; Dearborn George Adam Zimmerman

Physical Education, Health and Recreation for Men; Arnold, Pennsylvania

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Engineering

The candidates will be presented by DEAN LORIN G. MILLER

DEGREE OF BACHELOR OF SCIENCE

Fuad Labib Abboud Electrical Engineering; Jaffa, Palestine Ward L. Abrahamson Civil Engineering; Ludington John Robert Adrianse Civil Engineering; Grand Rapids Thomas Joseph Ahern, Jr. Electrical Engineering; Lansing Leon Adelbert Akins Electrical Engineering; Vassar Charles William Allen, Jr. Civil Engineering; Detroit John David Allen Mechanical Engineering; Ishpeming John Henry Allen Civil Engineering; Algonac Jose Paulino Amen Chemical Engineering: Manta-Ecuador, South America Irwyn R. Anderson Electrical Engineering; Weston Thomas George Antzack Electrical Engineering; Ludington David Howland Applebee II Civil Engineering; Grand Rapids William Appledorn, Jr. Mechanical Engineering; Holland *James Elwood Armstrong, III Chemical Engineering; Detroit Robert Louis Auge Civil Engineering; La Grange, Illinois Kenneth C. Babcock Mechanical Engineering; Battle Creek *Robert Murray Bachteal Sanitary Engineering; Benton Harbor Henry Bader, Jr. Mechanical Engineering; Mayville Harry Allen Bancroft Mechanical Engineering; Jackson *Philip Micheal Baranowski Chemical Engineering; Detroit Mehmet Sahap Barker Agricultural Engineering; Istanbul, Turkey Melville Robert Barlow Mechanical Engineering; Lansing Jack Keith Barnhart Mechanical Engineering; St. Johns Mechanical Engineering, St. o John J. Barry Electrical Engineering; Philadelphia, Pennsylvania Charles Loy Baskin, Jr. Mechanical Engineering; Muskegon Heights Ralph Emerson Baumann, Jr. Civil Engineering; Hasbrouck Heights, New Jersey *Gordon Lester Beattie Mechanical Engineering; Mattawan Harold Alexander Becker Electrical Engineering; Owosso Brij Bans Behari Civil Engineering; Allahabad,

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Chemical Engineering; Saginaw
Thomas Edsel Bolenbaugh
Electrical Engineering; Detroit Donald Winfield Bolling Mechanical Engineering; Spring Lake Morris Ahlgren Booth Mechanical Engineering; Alden Homer Keith Boughner Mechanical Engineering; Grand Rapids William Franklin Brandt Agricultural Engineering; Palms Russell Edward Brant Mechanical Engineering; Cleveland, Ohio *Bernard Reed Bridgford Civil Engineering; Rochester William Bertram Brooks Mechanical Engineering; Farmington Edward Griffith Brown Mechanical Engineering;
Westfield, New Jersey
Gordon Lovecraft Brown, Jr. Electrical Engineering; Rochester, New York Ian Hartwell Brown, Jr. Civil Engineering; Lansing James Andrew Brunn Mechanical Engineering; Snyder, New York Charles Richard Buckham Civil Engineering; Grand Rapids Donald G. Buehrle Mechanical Engineering; Muskegon Stuart Griffin Bullen Civil Engineering; Mason Frederick Gene Burch Mechanical Engineering; Rockford Charles John Burm Sanitary Engineering; Escanaba William Edgar Burr Electrical Engineering; Battle Creek *Donald Edward Burrus Electrical Engineering; Dayton, John Hilton Busch Civil Engineering; Grand Rapids

James Briggs Caird Electrical Engineering; Detroit William Arthur Campbel Mechanical Engineering: Cleveland Heights, Ohio Harry Freeman Canfield Chemical Engineering; Eaton Rapids Liviu Irimie Capatina Electrical Engineering; Dearborn Gerald Edwin Carlson Mechanical Engineering; Bay City *Roland Henry Carlson Civil Engineering; Daggett Adrian Ramond Chamberlain Agricultural Engineering; Thompsonville Donald Theron Chase Mechanical Engineering: **Huntington Woods** George E. Cheklich Agricultural Engineering; Union City Jerome Francis Chmielewski Mechanical Engineering; Saginaw *Walter Steven Chmielewski Mechanical Engineering; Saginaw Kenneth William Christian Electrical Engineering; Malone, New York *Richard Mun Chun Civil Engineering; Honolulu, Territory of Hawaii Richard Ward Clark Mechanical Engineering; Jackson *Roland Edwin Clark Mechanical Engineering; Grand Rapids John Henry Clay Civil Engineering; Battle Creek Robert Thomas Cleland Mechanical Engineering; Grand Rapids Richard William Cobb Electrical Engineering; Flint
Jay Cochran, Jr.
Mechanical Engineering; Mercer, Pennsylvania James Westhal Collinge Mechanical Engineering; Muskegon Ralph Edward Commons, Jr. Electrical Engineering; Ferndale Francis Harry Condon
Mechanical Engineering; Detroit
Clayton Gordon Connell Civil Engineering; La Crosse, Wisconsin Edward George Conway Civil Engineering; Rochester New York James Elwin Corbit Civil Engineering; Cassopolis Emory Stanley Corrigan Mechanical Engineering; Flint Danillo Cortopassi
Mechanical Engineering; Rio De
Janeiro, Brazil
John Jacob Cosens Sanitary Engineering; Mt. Morris Raymond G. Covell Electrical Engineering; Lansing

India

Charles Russell Bell, Jr.

Mechanical Engineering; Grand

Rapids
*With Honor
†With High Honor

John Frederick Cox Mechanical Engineering: Valley Stream, New York James Albert Crabtree Mechanical Engineering; Lincoln Park *Lee Burton Crampton Chemical Engineering; White Pigeon William Alton Crickmore Mechanical Engineering; Flint Walter Clair Crusoe, Jr. Civil Engineering; Jackson Gene R. Cudney Civil Engineering; Pontiac Clyde Carl Culver Mechanical Engineering; Lansing Willard Allen Cutler Agricultural Engineering; East Lansing
Hassan M. Ali Dadah
Civil Engineering; Kirkuk, Iraq *Jack Vincent D'Agostino Electrical Engineering; Waldwick, New Jersey Jack Raphael Daigle Civil Engineering: Muskegon Albert Arthur DaVanzo Chemical Engineering; Flint *Daniel Davis Sanitary Engineering; New York, New York Lyle Clinton Davis Civil Engineering; Pigeon Ellard Douglas Davison, Jr. Mechanical Engineering; Grosse Pointe Woods Robert Keith Dawdy Civil Engineering; Ann Arbor John Dawson, Jr. Chemical Engineering; Flint Donald Gene Denton Chemistry; Lansing Harold Frederick Derks Civil Engineering; Grand Rapids Peter Louis De Vries Mechanical Engineering; Ferrysburg Bruce Dyo Mechanical Engineering; Plymouth William Irvine Dieters Mechanical Engineering; Detroit Frank Andrew Dillon Civil Engineering; Grosse Pointe Richard Hugo Dobbins
Mechanical Engineering; Ionia Enayat Bazargan Dorosti Agricultural Engineering; Teheran, Iran Robert Urban Droste Civil Engineering; Lansing Frank Doran Ducey Mechanical Engineering; Jackson LaVerne Dudrey Civil Engineering; Negaunee Donald Edward Duell Civil Engineering; Farmington James Thomas Duffy Electrical Engineering; Chicago, Illinois Charles David Dunlap Electrical Engineering; Lansing Charles Vernon Dunlap Mechanical Engineering; Flushing Jay J. Dunning
Agricultural Engineering; Zeeland

Ashley Monroe Dykhouse Mechanical Engineering: Grand Rapids *Warren Jay Eding Mechanical Engineering; Holland Raymond Lee Elliott Civil Engineering; Harbor Springs Gordon Arthur Ely
Civil Engineering; Howell
Richard William Ely Electrical Engineering; Kalamazoo Frank R. Emole Electrical Engineering; South Chicago Heights, Illinois Donald James Engle Civil Engineering: Constantine *Donald Lee Erhart Electrical Engineering; Sparta Richard Lynn Erratt
Chemical Engineering; Lansing John Arthur Farrell Civil Engineering; Buffalo, New York Keith Winton Feather Mechanical Engineering; Detroit Robert Junior Ferguson Mechanical Engineering; Eaton Rapids George L. Fetzer Mechanical Engineering: Flint *John Albert Fiebelkorn Mechanical Engineering; Lake Orion Frank Eilers Field Chemical Engineering; Kalamazoo David Alex Fiet Civil Engineering; Muskegon Uno Wallace Filpus Electrical Engineering; Benton Harbor Marvin Oscar Fletemier Mechanical Engineering; Milford Donald Marion Florence Agricultural Engineering; Defiance, Ohio John Joseph Flynn Civil Engineering; Ridgewood, New Jersey Donald Robert Foster Civil Engineering; Lansing Robert W. Fox Mechanical Engineering; Grand Rapids Duane Burrell Freeman Electrical Engineering; South Haven *Laimons Freimanis Electrical Engineering; Riga, Latvia Gene Warren French Civil Engineering; Grand Rapids Ray Arthur Friend Mechanical Engineering; Saginaw Hubert L. Galer Mechanical Engineering; Remus Thomas Muir Gemmell Civil Engineering; Detroit Richard Allan Gessner Civil Engineering: Monroe, Carl Edmund Gieche Mechanical Engineering; Grosse Pointe *Thomas Ginther Electrical Engineering; Lansing Charles Emerald Glumm Electrical Engineering; Lansing James Thomas Goodis Electrical Engineering; Detroit

Guy Hurbert Greene, Jr. Civil Engineering; Alpena *Jack Edward Gregg Mechanical Engineering; Cassopolis Thomas Judson Griffen Mechanical Engineering; Detroit Clifford James Griffith Agricultural Engineering; Dimondale Donald E. Gross Mechanical Engineering; Northville Garold Eugene Grossnickle Agricultural Engineering; Copemish Darwin Eugene Grote Metallurgical Engineering; Detroit William James Gryder Mechanical Engineering; Flint *William Rogers Guntrum Electrical Engineering; Freedom, Oklahoma Gerald James Haadsma Mechanical Engineering: Grand Rapids Harold Ervin Hale Agricultural Engineering; Parma Billy DeWayne Hallmark Mechanical Engineering; Grand Blanc Stuart Kennedy Haney Mechanical Engineering; Elmhurst, Illinois William David Harring Mechanical Engineering; Grand Rapids Donald Lawrence Harris Mechanical Engineering; Hersey Elmer Frederick Hartley Mechanical Engineering; Grand Rapids William Aaron Hatfield Civil Engineering; Kalamazoo Robert Arthur Hawkins Mechanical Engineering; Birmingham Jerald Alden Haynes Mechanical Engineering; Hastings Richard William Hazle Agricultural Engineering; Fowler Jerome Hoelzen Hemmye Mechanical Engineering; Burlington, Iowa *T. Bruce Henderson Mechanical Engineering; Detroit Charles Thomas Hendrickson Agricultural Engineering; Fremont Jackson Warren Henning
Mechanical Engineering; New Baltimore John Michael Herzog Mechanical Engineering; Chicago, Illinois Robert Leo Heyniger Metallurgical Engineering; Detroit *David Thomas Higgins Civil Engineering; Detroit Ronald La Boiteaux Hippensteel Mechanical Engineering; Oak Park, Illinois

Donald Tau Kong Ho

Electrical Engineering; Honolulu,

Territory of Hawaii

Joseph E. Hobrla

Illinois

Electrical Engineering; Chicago,

Frank Herbert Dyke

Electrical Engineering; Lansing

Agricultural Engineering; Detroit

Wayne Thomas Gray

^{*}With Honor

[†]With High Honor

Lee Stewart Hoffman Agricultural Engineering: East Lansing William Barrett Hoffman Mechanical Engineering; St. Joseph David L. Hoffmann Mechanical Engineering; Milwaukee, Wisconsin Michael Bernard Hoffner Civil Engineering; Harrisburg, Pennsylvania John Miller Hogle Civil Engineering; Pleasantville, New York Ross Goodman Holt Mechanical Engineering; Kewadin Donald Austin Horne Mechanical Engineering; Lynn, Massachusetts *Alan Jay Howell Mechanical Engineering; Grosse Pointe James Charles Hufford Mechanical Engineering; Grand Rapids Donald I. Huizenga Mechanical Engineering: Muskegon Adam Hulinek Civil Engineering; Bear Lake John W. Hunt Civil Engineering; Ferndale Paul Hallman Hutchings Electrical Engineering; Attica *Frederick Walter Hyslop
Metallurgical Engineering; Vassar
Joseph Edward Idzkowski Mechanical Engineering; East Chicago, Indiana Robert George James Electrical Engineering; Kankakee, Illinois Joseph Ibrahim Jbeily Civil Engineering; Jaffa, Palestine Richard Thomas Jeffreys Metallurgical Engineering; Lansing Robert Frank Jenson Mechanical Engineering; Roscommon Larry Martin Johnson Electrical Engineering; Traverse City William Ernest Johnson Civil Engineering; Ludington William Fredrick Johnston Agricultural Engineering; Breckenridge William Riley Harrison Jones Electrical Engineering; Rockwood †James Jursik Electrical Engineering; Detroit George Karatzou Electrical Engineering; Albany, New York Lester Vern Karm Agricultural Engineering; Monroe Alfred Robert Karow Metallurgical Engineering; Saginaw Masaru Mas Kawaguchi Civil Engineering; Topaz, Utah *Donald Kesler Keech Agricultural Engineering; Hastings Edward Louis Kiczenski

Glenn William Kindt Chemical Engineering; Herron Alfred Sidney King Mechanical Engineering; Mason Arlie Raymond Kinnee Civil Engineering; Lansing Roy William Kiscaden Mechanical Engineering;
Philadelphia, Pennsylvania
Bruce Garrison Kitchen, Jr. Electrical Engineering; Kalamazoo Robert Harold Klemm Mechanical Engineering; St. Joseph Gerald Charles Klinger Mechanical Engineering; Chicago, Illinois Robert Lincoln Koehler Electrical Engineering; Fairport, New York Richard Badgley Koelbel Civil Engineering; Jackson George Edward Koskey Mechanical Engineering; Battle Creek Robert Jerome Kowalski Chemical Engineering; Muskegon Richard Harold Kraft Civil Engineering; Muskegon Donald Louis Kramer Civil Engineering; Lincoln Park Richard Allen Kuhlman Civil Engineering; Detroit Robert Edward Kuhn Electrical Engineering; Woodstock, Illinois Roger George Kullman Mechanical Engineering; Cleveland, Ohio †Albert Goro Kurisu Mechanical Engineering; Hakalau, Hawaii John Bernard LaBosky Metallurgical Engineering; Flint Leslie Lee Lamport Mechanical Engineering; New Buffalo Richard Clarke Lamy Electrical Engineering; Kenmore, New York Philip Somer Lang, Jr. Mechanical Engineering; Paw Paw Carl Louis Langenberg Mechanical Engineering; Cadillac Jerome David Lareau Civil Engineering; Holt *John James Larue Electrical Engineering; Bay City Norman D. Lawless Electrical Engineering; Fenton Frank Logren Levin Civil Engineering; Sault Ste. Marie *Gerald Hugh Lewis Electrical Engineering; Saginaw Jerry Robert Lewless Mechanical Engineering; Bay City Robert Curtis Libey Chemical Engineering; Elsie Albert Francis Lickteig Mechanical Engineering; Grand Rapids †Melvin H. Lill Mechanical Engineering; East Lansing John Paul Limbacher Mechanical Engineering;

William R. Liniger Mechanical Engineering; Detroit Frederick Keith Little Civil Engineering; Inkster †William Arthur Little Electrical Engineering; Alma Silvio Vincent Livolsi Mechanical Engineering;
Belleville, New Jersey
Thomas Edward Lopker Electrical Engineering; St. Joseph Jack Raymond Lulofs Electrical Engineering; Muskegon Stanley Dean Mackey Mechanical Engineering; Flint John Mark Mackle Mechanical Engineering; Williamston Kenneth Charles MacLean Civil Engineering; Lansing Francis Maurice MacMillan Civil Engineering; Bay City
Edward Alfred Majka
Mechanical Engineering;
Philadelphia, Pennsylvania *Gordon Lee Marine Chemical Engineering; Cadillac Edward Leon Mass Mechanical Engineering; Detroit George Edwin Masters Civil Engineering; East Lansing Michael Matus Mechanical Engineering; Flint *Dean Frederick Maurer Mechanical Engineering; Marshall *Robert Beverly McCarty Civil Engineering; Owosso Reid Nathan McClelland Electrical Engineering; Holly *Rupert Aloysius McGinn, Jr. Civil Engineering; Grand Rapids Francis Patrick McIntee Mechanical Engineering: Jackson Robert Kyle McKie Civil Engineering; Escanaba William Ross McKnight Civil Engineering; Grosse Pointe Eugene Cline McMurray Mechanical Engineering; Saginaw John Scott McMurtrie Mechanical Engineering; Hicksville, New York Don Eugene Meeker Metallurgical Engineering; Chicago, Illinois John Reed Metz Agricultural Engineering; New Haven James Arthur Metzger Mechanical Engineering; Tonawanda, New York Carlton Kean Miller Civil Engineering; Bridgman Gene L. Miller Electrical Engineering; Washington Harold Leslie Miller Electrical Engineering; Lachine James Ross Miller Civil Engineering; West Branch Kenneth Gale Miller Chemical Engineering; Fenton Peter Theophon Miller Electrical Engineering; Erie, Pennsylvania Willard Brooks Mills Mechanical Engineering; Burkburnett, Texas

Vernon Waldo Kidd

Civil Engineering; Sault Ste. Marie

Electrical Engineering; Muskegon

James Michael Lindemuth, Jr.

Civil Engineering; Jackson

Muskegon

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Herbert Henry Mitson, Jr. Mechanical Engineering; Royal Oak Theodore William Modi Chemical Engineering; Niagara Falls, New York Martin August Molnar Mechanical Engineering; Detroit Charles Albert Moore, Jr. Mechanical Engineering; Washington Charles Edward Morris Mechanical Engineering; Lansing Robert B. Morris Electrical Engineering; Lorain, Ohio *William John Mottel Chemical Engineering; Lansing *Martin Theodore Mueller Electrical Engineering; Utica William John Nehila Mechanical Engineering; Brooklyn, New York Edward John Nehls Agricultural Engineering; Detroit Arnold Paul Nelson Mechanical Engineering; Paw Paw Harry Ralph Nelson Mechanical Engineering; Muskegon Robert Frederick Newberg Chemical Engineering; Ludington Ernest Thomas Nicotera Metallurgical Engineering; Steelton, Pennsylvania Donald Henry Nisse Mechanical Engineering; Williamston Lawrence Willard Nyblade Civil Engineering; Muskegon Mark Joseph O'Connell Mechanical Engineering; Escanaba William Arthur Olson Civil Engineering; Flint
*Miles Herbert Osborn Mechanical Engineering; Cicero, Illinois Donald Edward Owens Electrical Engineering; Grand Rapids David Franklin Page Mechanical Engineering; Lansing Mechanical Engineering; Lansin Wayne Louis Pardonnet Mechanical Engineering; Flint *Donald Robert Parker Chemical Engineering; Lansing George Raymond Parkins, Jr. Civil Engineering; Chicago, Illinois James Henry Patrick
Mechanical Engineering; Detroit Bernard Dale Patton Civil Engineering; Holt Charles Eugene Paul Electrical Engineering; Kalamazoo Chris Pavlides Mechanical Engineering; Hammond, Indiana *Stanley Everett Pemberton Electrical Engineering; Lansing Thomas Kingston Pembleton Mechanical Engineering; Metamora Theodore Howard Phillips

Lester Ernest Pond Mechanical Engineering; South Haven Donald Postiff Civil Engineering; Ferndale John Walter Potter Civil Engineering; Grand Rapids Richard Henry Priddy Mechanical Engineering: Harvey, Illinois Marvin Glen Pridgeon Agricultural Engineering; Montgomery Albert John Pumputis Civil Engineering; Grand Rapids *Thomas Pury Electrical Engineering; Rochester Joseph Anthony Pycz Mechanical Engineering: Harvey, Illinois Sabri Raoof Civil Engineering; Karbala, Iraq Emil Raulin Mechanical Engineering; Dearborn Arthur Eugene Reed Civil Engineering; Buchanan William Albert Reese Mechanical Engineering; Flint Donald Reinert Reinertson Mechanical Engineering; Davison *Robert Earl Resseguie Mechanical Engineering; Flint Gerald Fennick Richards Agricultural Engineering; Howell John Frederick Richards Metallurgical Engineering; Lansing Erwin Alvin Richardson Civil Engineering; Jackson Richard Mitchell Rion Agricultural Engineering; Memphis, Tennessee Richard J. Ritter
Electrical Engineering; Lansing
Russell Walter Rivers
Mechanical Engineering; Hastings William Clare Roberts Mechanical Engineering; Port Huron Gerald Dwight Robinson Mechanical Engineering; Detroit Robert Lyle Robinson Mechanical Engineering; Painted Post, New York
Edward Raymond Rolko
Civil Engineering; Bayonne, New Jersey William Herbert Rowe Metallurgical Engineering; Detroit William Rudman Electrical Engineering; Thompsonville Malcolm Joseph Rudolph Civil Engineering; Flint tHarry DeVere Ruhl, Jr. Electrical Engineering; East Lansing Leonard Albert Rus Mechanical Engineering; Grand Rapids Edward Peter Sabotta

Mechanical Engineering: Muskegon Heights tDonald Walter Schreiner Chemical Engineering; Frankenmuth Alfred J. Schwartz Mechanical Engineering; Bay City Fredrick Warren Schwier Mechanical Engineering; Lansing Dale Keith Scott Agricultural Engineering; Oxford Donald Cameron Seitz Sanitary Engineering; Detroit Gerald J. Selby Mechanical Engineering; Ludington Blythe Olin Selden Mechanical Engineering; Swartz Creek Ray J. Serier Civil Engineering; Holland Robert Alphonse Sewell Sanitary Engineering; Cleveland, Ohio *Jack William Sigan
Chemical Engineering; Gladstone Donald Brandis Sill Electrical Engineering; Olean, New York Manuel Paul Sinkoff Civil Engineering; Detroit Dulaney Dale Smith Mechanical Engineering; Greenville, Texas Richard William Smith Electrical Engineering; Spencer, Massachusetts Massachuseus
Robert Henri Smith
Mechanical Engineering; Marshall
Robert Norman Smith Civil Engineering; Bayonne, New Jersey William Wagner Smith Sanitary Engineering; Bay City Russell Taylor Snow Agricultural Engineering; Whitesboro, New York Bernard Eric Sobie Mechanical Engineering; Grand Rapids
Walter Albert Sonnega
Electrical Engineering; Muskegon *Charles Kenneth Soppet Mechanical Engineering; Chicago, Illinois Robert Lee Spencer Electrical Engineering; Jackson *Kenneth Ernest Spray Mechanical Engineering; Grand Haven Robert DeForest Stanley Civil Engineering; Newaygo George Stasevich Mechanical Engineering; Dearborn Jack W. Steel Civil Engineering; Swartz Creek Vincent L. Stegenga Mechanical Engineering; Olivet †Charles J. Steigleder Electrical Engineering; Royal Oak Jack Thomas Steinbacher Mechanical Engineering; South Haven Frank Walder Steketee Mechanical Engineering; Grand

Rapids

Robert William Schmidt

Rapids

Lansing

Robert Bliss Pierson

Electrical Engineering; Grand

Agricultural Engineering; East

Civil Engineering; Caspian

Richard Hugh Schippers Civil Engineering; Kalamazoo

Philadelphia, Pennsylvania

Electrical Engineering; Lansing

Mechanical Engineering;

George Edward Schafer

Melvin Sandler

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Nicholas Joseph Steo Electrical Engineering; Rochester, New York Adrian Joseph Stewart Chemical Engineering; Manistee Leonard Stormzand Mechanical Engineering; Grand Rapids John Philip Stouffer Civil Engineering; Detroit Lester Dayl Stout Civil Engineering; Onaway Raymond Grant Strebbing Mechanical Engineering; Howell Harmon Dale Strieter Electrical Engineering; Unionville *Richard Rudolph Studer Metallurgical Engineering; East Lansing Theodore Summers, Jr. Electrical Engineering; Grand Rapids John William Swanson Civil Engineering; Lansing Verner Wayne Swanson Civil Engineering; New Era *Ray Synnestvedt Civil Engineering; Bryn Athyn, Pennsylvania Edward Thomas Fellows Electrical Engineering; Bound Brook, New Jersey Herbert Ralston Swing, Jr. Mechanical Engineering;
Springfield, Pennsylvania
*Fred G. Tauch Mechanical Engineering; Ludington *Russell Dwight Taylor Civil Engineering; Elsie William Finis Thornburgh Mechanical Engineering; Flint Charles Stanley Thorne Mechanical Engineering; Port Huron

William Moore Throop

Sanitary Engineering; Detroit

Mohamad Hady Toama Civil Engineering; Karbala, Iraq Gerald Arthur Torrey Mechanical Engineering; Flint John Andrews True Agricultural Engineering; Armada Andrew Turik Chemical Engineering; Lansing †Lawrence Anthony Turner Mechanical Engineering; South Bend, Indiana Martin William Uitvlugt Mechanical Engineering; South Boardman †Russell L. Valentine Mechanical Engineering; Northboro, Massachusetts Harold Arthur Vanderwall Mechanical Engineering; Muskegon Heights William Van Slooten Mechanical Engineering; West Olive Donald Joseph Van Sluyters Mechanical Engineering; Grand Rapids *Claude John Venema Electrical Engineering; Grand Rapids Fritz Bertil Vikstrom Civil Engineering; Richmond Jack Voegler Civil Engineering; Muskegon Donald Lee Wagner Electrical Engineering; Detroit Joseph Frank Wandyez Civil Engineering; North Tonawanda, New York Burton Howard Wayne Electrical Engineering; Acton, Massachusetts Harvey Ernest Werner Civil Engineering; Allen Park, George Charles Westerfeld Chemical Engineering; South

Haven

Herman Louis Westphal, Jr. Civil Engineering; Trenton, New Jersey Thomas Edward Moss Wheat Civil Engineering; Highland Park Edwin Eugene Whedon Civil Engineering; Alpena Donn Frederick Widmayer Civil Engineering; Howell
William Albert Wienbrauck
Civil Engineering; Flint
Edward Felix Wilks Mechanical Engineering; Manistee Leslie Howard Williams Civil Engineering; Elk Rapids Richard John Wilson Mechanical Engineering; Royal Oak *Wilmar Marvin Woelzlein Chemical Engineering; Frankenmuth Harold K. C. Wong
Mechanical Engineering; Honolulu, Hawaii Charles Vincent Wood Civil Engineering; Bangor Sherman Leo Wood Mechanical Engineering; Coldwater John Andrew Wozniak Electrical Engineering; Amsterdam, New York Edward Arthur Wynant Civil Engineering; Grand Rapids Clifford B. Young Mechanical Engineering; Birmingham Dan Zelevinsky Agricultural Engineering; Tel Aviv, Israel *Gerald Jacob Zerfas Electrical Engineering; Eaton Rapids Alexander Nicholas Zobkiw Mechanical Engineering; Auburn, New York Fred Zuhl, Jr. Mechanical Engineering; Bangor

Home Economics

The candidates will be presented by DEAN MARIE DYE

DEGREE OF BACHELOR OF SCIENCE

Catherine Abrams Institution Administration: Chicago, Illinois Mollie Marilyn Adams General; Niagara Falls, New York Shirley Anderson Clothing and Textiles; Bay City Cleorae Avery Vocational Education in Homemaking; Grand Rapids Eleanor Claire Bailey Clothing and Textiles; Huntington Woods Ellen Barbara Baumgras Related Arts; Lansing Carol Mae Becker Clothing and Textiles; Sault Ste. Marie †William Sherman Bennett, Jr. Related Arts; Lansing †Virginia Dodge Benson Related Arts; Saranac Donna Munson Berger Vocational Education in Homemaking; Saginaw Nancy Joyce Berry Vocational Education in Homemaking; Highland Park Joan Dolores Bianco Clothing and Textiles; Dearborn Olga Bilakos Clothing and Textiles; Ann Arbor Nancy Lois Boehringer Clothing and Textiles; Bay City Arlynn Rae Buder Foods and Nutrition; Rock Island, Illinois Dorothy Florence Buhr Clothing and Textiles; Buffalo, New York Alice Belle Carris Vocational Education in Homemaking; Jonesville Clarice Jeanne Carter Vocational Education in Homemaking; Clio Sue Clapp Institution Administration; Flint Irene Clark Vocational Education in Homemaking; Hanover *Mary Lois Cole
Vocational Education in
Homemaking, Birmingham Mary Catherine Coleman Foods and Nutrition; Kenmore, New York James William Cooke, Jr. Institution Administration; Flint Joan Cornish Clothing and Textiles; Detroit Marilyn Jeanne Cousino Vocational Education in Homemaking; LaSalle Ann Rood Croft Vocational Education in Homemaking; East Lansing

Nancy Ann DeMuth Foods and Nutrition: Sherwood, Ohio Joyce Marion De Nio General; Detroit Dorothy Ann Dreher Institution Administration; Brooklyn, New York Carol Rylander Drobish Child Development; Battle Creek Audrey Coburn Ferguson Child Development; Gary, Indiana Madeleine Frances Fine Related Arts; Grosse Pointe Howard Riegal Finney Institution Administration; Cleveland, Ohio Rhoda Marie Gard Related Arts; Benton Harbor Ann Marilynn Gerhard Clothing and Textiles; Saginaw Dorothy Mabel Gettel Vocational Education in Homemaking; Pigeon Kenneth Walter Goodrich Related Arts; Lansing Annabelle Grace Gough Institution Administration; Deckerville Charlotte Ellen Graham Vocational Education in Homemaking; St. Louis *Sarah Lee Grylls Related Arts; Grosse Pointe Farms Nancy Hagle Child Development; Flint Joseph Frank Halinski Institution Administration; Plymouth, Pennsylvania Barbara Elayne Hall Vocational Education in Homemaking; Detroit Joann Faith Harbaugh Clothing and Textiles; Lansing Joan Eleanor Harkema Clothing and Textiles; Whitehall Paul Richard Hartman Institution Administration; Sandusky, Ohio Susan Lee Hein Vocational Education in Homemaking; Dearborn Charlotte Elene Hill Vocational Education in Homemaking; Detroit Shirley Jane Histed Institution Administration; South Haven Julia Claire Hockman Vocational Education in Homemaking; Cheboygan Della Mae Hodges Child Development; Concord Josephine Hoppa Vocational Education in Homemaking; Fremont Pauline May Householder Vocational Education in Homemaking; Hanover

Phyllis Johnson Huizenga General: Detroit Marion Hoffman Hull Vocational Education in Homemaking; Swartz Creek Lorene Marie Hyslop Child Development; Lansing Lenora Fay Jambor Vocational Education in Homemaking; North Branch Agnes Baroline Johnson Vocational Education in Homemaking; Thompsonville
Charlene Adele Johnson
Clothing and Textiles; Downers
Grove, Illinois
*Elizabeth Annes Johnson
Clothing and Textiles: Farming Clothing and Textiles; Farmington Janet Elaine Jorden Vocational Education in Homemaking; Detroit Dorothy Lee Kasten Clothing and Textiles; Saugatuck Marjorie Joyce Kelder Vocational Education in Homemaking; Grand Rapids Patricia Ann Kelly Vocational Education in Homemaking; Okemos Mary Lou Kennedy Child Development; East Grand Rapids Mildred Ilene Knape Child Development; Grand Rapids Arlene Ruth Koehler Vocational Education in Homemaking; Byron Center *Anita Marie Koski Clothing and Textiles; Chassell Joan Isabel LaLiberte
Foods and Nutrition; Parchment Lois Elizabeth Lampinen
Clothing and Textiles; Calumet Janice Kamp Lankenau General; Grandeville Evelyn Mae LaVine Clothing and Textiles; Sparta Mary Frances Leach Vocational Education in Homemaking; Port Huron' Etta Marie Lester Child Development; Grand Ledge Clover Lee Lockwood
Clothing and Textiles; Charlotte Norma Joan Long Clothing and Textiles; Detroit *Joan Louise Makielski Clothing and Textiles; Ann Arbor Phyllis Irene Manchester Clothing and Textiles; Lansing Joan Louise Marshall Vocational Education in Homemaking; Rhinebeck, New York *Dolores Angelica Mastrovito Related Arts; Lansing Helen Esther Mattson Vocational Education in

Homemaking; Bessemer

Katherine Joann Cutler

Wisconsin

Foods and Nutrition; Milwaukee,

^{*}With Honor †With High Honor

Julianne McCally Foods and Nutrition; Goshen, Indiana Janet Smith Mills Home Economics and Nursing; Jackson Mary Jane Moors
Institution Administration; Detroit Mary Charlotte Mote Foods and Nutrition; Trenton Jane Carol Nagelkirk
Textiles and Clothing; Alma
Jeanne Griffiths Nesbitt General; Alpena Marjorie Ann Nichols Vocational Education in Homemaking; Pellston Patricia Ann O'Malley Vocational Education in Homemaking; Dexter Jeanne Lois Paulen Foods and Nutrition; Howard City Audrey Lee Raphael Child Development; New Haven, Connecticut Ruth Joyce Rawlings Related Arts; Detroit Mary Ellen Rice Related Arts; Wyandotte Dorothy Ann Ritchie Related Arts; Birmingham †Ruth Schluckebier Rittmueller Vocational Education in Homemaking; Frankenmuth Rosemary Peck Roberts Clothing and Textiles; Grand Rapids *Barbara Jean Rufe

Clothing and Textiles; Concord

Ellen Marie Ruff Child Development; East Grand Rapids Anne M. Sanford Institution Administration; Deckerville Marilyn Schutt Institution Administration; Rochester, New York Barbara Mae Scott General; Huntington Woods Patricia Anne Seibert Related Arts; Detroit Margaret Catherine Sherff General; Dearborn Patricia Ann Sherman Clothing and Textiles; Spokane, Washington Joyce Lee Shortridge Clothing and Textiles; East Lansing
Helen Adelaide Simpson
Related Arts; Leslie
Marie Gertrude Smith Child Development; Sherburne, New York *Norma Marie Sorensen Vocational Education in Homemaking; Byron Marion Carla Stearns Clothing and Related Arts; Columbia Station, Ohio Aileen Marie Stone Vocational Education in Homemaking; Sandusky *Joan Stuart Clothing and Textiles; Royal Oak Marialyce Stutz Vocational Education in Homemaking; Sturgis Sylvia Jo-anne Sumeracki

Clothing and Textiles: Detroit

Helen M. Sutton Child Development; Flint Dorothy Lola Taege Vocational Education in Homemaking; St. Johns †Mary Jane Taylor Vocational Education in Homemaking; Milford Marise Elizabeth Turner Related Arts; Wilmington, Delaware *Jean Petrie VanderMeer Child Development; Huntington Woods Alice Jean Vanest Clothing and Textiles; West Branch Arloa Riemersma Ver Berkmoes Home Economics and Nursing; Zeeland Beverly Bauer Vondale Foods and Nutrition; East Lansing Carol Ann Wacker Related Arts; Bay City Barbara Anne Wakefield Related Arts; Kenmore, New York Sara Lewis Waters Foods and Nutrition; Cuyahoga Falls, Ohio Helen Amy Waugaman Institution Administration; **Grosse Pointe** Sigrid Willadsen General; Hillerod, Denmark Shirley Ann Yee Foods and Nutrition; Honolulu, Territory of Hawaii

Clothing and Textiles; Newport

*Mary Anna Yoas

Science and Arts

The candidates will be presented by DEAN LLOYD CLEMENT EMMONS

DEGREE OF BACHELOR OF ARTS

Roger Erwin Abitz Industrial Arts; Detroit E. Jane Ackerman Elementary Education; Bay City *Charles Lynford Adams, Jr.
English; Brookfield, Illinois Carl LeRoy Adler English; St. Joseph Ruth Ann Ahern Art; South Bend, Indiana *Audrey Munford Akins Philosophy; East Lansing Joanne Lee Alban French; Jackson Enid Lou Albertson Art: Lansing John Douglas Alexander Elementary Education; Flint Noah Alonso Art; Barre, Vermont Ella Louise Altenburg Elementary Education; Brown George Rolf Amundson Social Science: East Lansing Dean William Anderson Mathematics; Clio Joan Eileen Anderson Elementary Education; Battle Creek Vernon J. Andrews Social Science; Sturgis Frank Joseph Anthonis Industrial Arts; Fraser Elaine Ann Arehart History and Political Science; Hopkins Carol Louise Armstrong
Elementary Education; Detroit
Helen Arlene Arthur Elementary Education; Perry Charles Hamilton Asplin English; Lennon Marjorie M. Atkins Elementary Education; Kalamazoo Herbert Mervin August History and Political Science; Detroit Helen Catherine Babcock Sociology & Anthropology; Birmingham Joseph Frank Babiarz Psychology; Detroit *Joan Louise Bahr Elementary Education; Flint Joyce Elizabeth Bailey Elementary Education; Romeo Robert Bruce Bailey Social Science; Dearborn Mary Hellenga Baker Elementary Education; Three Oaks Paul Ross Baker Elementary Education; Reed City *Billy Vernon Balch

Maria Lena Ballerini Spanish; Grosse Pointe Frank John Banas Sociology and Anthropology; Hamtramck Margaret Jean Barie English; Grosse Pointe *Mary Louise Barrett Art; Detroit John Frank Basista Sociology and Anthropology; Harvey, Illinois Donna Joan Batchelor Elementary Education; Grand Blanc Evelyn Hatt Battiste Elementary Education; Lansing Norwood Elliott Baughman Industrial Arts; Muskegon Richard Hendrick Baxter Art; East Lansing Donald La Verne Beatty German; Flushing Beverly Ann Beauchamp Elememary Education; Rockville, Maryland Lillian Harriet Beck Social Science; Chicago, Illinois-Vera Mae Beckbisinger English; Detroit *Gerald C. Beckwith Speech, Dramatics and Radio Education; Mount Morris Gladys Eloise Beckwith English; Flint
Nancy D. Beghold
Music Therapy; Rochester, New York Joseph Henry Behse Sociology and Anthropology; Cleveland, Ohio Fred Edward Bell Speech, Dramatics and Radio Education; Turner Robert Roy Bell Sociology and Anthropology; Royal Oak John Charles Bennett John Charles Bennett
English; Oxford
Robert Arthur Benson
Psychology; Tawas City
Howard Charles Benwitt
Social Science; Mt. Vernon, New York Walter Bereznoff Psychology; Clio Elin Mary Berglund English; Newberry Edward Berman History and Political Science; Boston, Massachusetts Allen Seymour Bernard Social Science; Flint Patricia Louise Bertin Elementary Education; Hammond, Indiana Mary Martha Betts

Doris Janet Bila Elementary Education; Chesaning Marian Noreen Bila Elementary Education; Chesaning Kathryn Mary Binkley Elementary Education; Alexandria, Virginia Bonnie Lee Birke Elementary Education; Highland *Daniel Black History and Political Science; Flint *Stephen Conrad Bladey Social Science; Grand Rapids William Boyd Blair Industrial Arts; Margate, New Jersey Theodore Fletcher Blake, Jr. Industrial Arts; Detroit Russell Gordon Blauser, Jr. Psychology; Roseville Marjorie Bittman Bliss Elementary Education; Flint Dan Joseph Bodwin Sociology and Anthropology; Lake Orion John Kenneth Boerema Speech, Dramatics and Radio Education; Grand Rapids Robert Allen Bogan, Jr. English; Detroit Gerald Arvid Bogner Speech, Dramatics and Radio Education; Cadillac Thomas Frederick Boldenweck Art; Grand Rapids Joseph George Bolek Elementary Education; Cicero, Illinois John Louis Bones Social Science; Birmingham Jeanne Dorleen Booker Elementary Education; Muskegon Heights *Dolores Marie Borchers Speech, Dramatics and Radio Education; Spring Lake Margaret Jane Borset Elementary Education; Detroit
LaVerne Henry Boss
Social Science; Zeeland
Robert Carl Boston Speech, Dramatics and Radio Education; Pontiac Louis William Bova, Jr. Psychology; Bay City Louise Jeanette Bowen Elementary Education; Tecumseh Maxine Louise Bowlus Elementary Education; Detroit DeVere Richardson Boyd Psychology; Muskegon Mary Elizabeth Boyd Art; East Lansing Agnes Hildegarde Boyer Speech, Dramatics and Radio Education; Chassell Manley Benson Brabb

Psychology; Swartz Creek

Art; Ionia

History; Jackson

Doris A. Bailey Baldwin

Psychology; Des Moines, Iowa Margaret Kathleen Beznitz

Art; Detroit

^{*}With Honor †With High Honor

Bette Elizabeth Brandenburg English; Grand Ledge Mariann Brehm Speech, Dramatics and Radio Education; East Lansing Dorothy Loretta Brewster Elementary Education; Lansing D. Elane Briggs Sociology and Anthropology; White Cloud *Elizabeth Ann Britsman Psychology; Irvington, New Jersey Thomas Phillip Broe French; Lansing Curtis Bowen Brown Industrial Arts; Tecumseh Mary Lou Brown Psychology; Royal Oak Paul Buben Mathematics; Flint James David Buchanan Speech, Dramatics and Radio Education; Birmingham *Bonnie Jean Buchtel Applied Music; Evanston, Illinois *Betty Virginia Buckholz History; Wyandotte Marita Irene Bull Elementary Education; East Lansing Gerald Richard Bunce Art; Lansing Edgar Philip Burger Industrial Arts; Farmington Lawrence Donald Burgund Social Science; Summit, New Jersey Charles Robert Burkett Speech, Dramatics and Radio Education; Dowagiac Timothy William Burns Sociology and Anthropology; Detroit Alice Olive Burt English; Port Huron Jean Marie Butler Speech, Dramatics and Radio Education; East Lansing Marilyn Louise Bygrave Elementary Education; East Lansing Vivian Jean Byrd Spanish; Lansing Kenneth Joseph Calcatera Industrial Arts; Norway Rosemarie Calcaterra Art; St. Ignace Charles Hugh Caldwell Speech, Dramatics and Radio Education; Dearborn Nancy Smith Cannon Elementary Education; Farmington Marilyn June Capen Elementary Education; Grand Rapids James H. Capitan Psychology; Owosso Carmela Mary Caputo Speech, Dramatics and Radio Education; Birmingham
Joyce Marilynn Carey
Speech, Dramatics and Radio
Education; Hemlock
Puth Elizabeth Carlson Ruth Elizabeth Carlson

Judith Madelon Carn Art; Detroit Cornelius Avery Casler Social Science; Little Falls, New York Burton L. Castle Speech, Dramatics and Radio Education; Millington Frank Arvid Cederwall Social Science: Detroit Geralda Lee Chaffin English; Pontiac James Frank Chandler Industrial Arts; Detroit Lois Arlene Choate Psychology; Battle Creek Elmer Julius Christenson Elementary Education; Muskegon Leo Gregory Christian English; Lansing John William Claire History; East Lansing Elsbeth Janet Clark Elementary Education; Beaver Dam, Wisconsin Kay N. Cogswell Elementary Education; Detroit Donald L. Cole Psychology; Pontiac *Keith Arnold Cole Industrial Arts; Buchanan Robert Carleton Coleman Sociology and Anthropology; Pontiac Campbell Collins, Jr. Geography; Kenilworth, Illinois Jean Lois Collinson Elementary Education; Grosse Pointe Dorothy Mae Colman Elementary Education; Detroit Jack Reeves Comstock English; Rockford Joseph Valentino Condino History and Political Science; Niagara Falls, New York Lloyd Thomas Conklin
Psychology; Lansing
Marian Shirley Conrad
Art; Goodells
Elmer Content History and Political Science; Grand Rapids Frederick Zachary Content Social Science; Grand Rapids Patrick Edward Conway Industrial Arts; Fenton Edith Grace Cook Elementary Education; Muskegon George Lytle Cook Social Science; Saline Helen Kent Cook Sociology and Anthropology; Brave, Pennsylvania John Barth Cook Psychology; Ann Arbor Marian Vandeventer Copeland Speech, Dramatics and Radio Education; Ishpeming Clinton Charles Corby History and Political Science; Wayne Willard L. Cordes Industrial Arts; Saginaw Alfred Young Corey Psychology; Metamora *Phyllis Pauline Cornell Elementary Education; Howell

Richard Stanley Corsette Social Science; Detroit Anne Costello Speech, Dramatics and Radio Education; Buffalo, New York Irene Sharon Cott Elementary Education; Detroit Carolyn Lull Coulter Psychology; West Branch Patricia Ann Courtney Elementary Education; Lansing Alvin Gates Covell Social Science; North Muskegon Donald Alan Craig Social Science; Lansing Beverly Ann Crain Art; Ferndale Charles Wray Crandell
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Lansing

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Elementary Education; Detroit

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Mary Louise Lynn

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Ann Grace Neumeister
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Dolores Valerie Nichols Speech, Dramatics and Radio Education; Toronto, Ontario, Canada Anne Nico Speech, Dramatics and Radio Education; Lansing

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Cynthia Alison Nulle
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Psychology; Detroit

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DEGREE OF BACHELOR OF MUSIC

Lansing

*John E. Alleman Public School Music; Grand Ledge Howard Burnell Brockington Music Theory; Lansing James Worth Bronson Public School Music; Owosso Thomas Woodman Chaffee Public School Music Paw Paw LeRoy Simon Clemens Public School Music; Ada Earl Spencer Cole Applied Music; Lansing Bradford George Davis Public School Music; Springfield, Massachusetts William Bernard Denbrock Public School Music; Marshall Thelma Lita Diamond Public School Music; Detroit Joseph Edward Drago
Public School Music; Flint James Barton Dye Public School Music; Saginaw †Helen Marie Earl Applied Music; Battle Creek

Applied Music; Huntington Woods *Douglas Clare Fischer
Music Theory; Grand Rapids
Robert Ellwood Graham, Jr.
Applied Music; Grand Rapids
Hubert Clayton Griffin
Public School Music Public School Music; Marlette *Jean Rosalyn Grimes Music Theory; Lansing *Henrietta Leone Hartsuiker Public School Music; Coloma *Charles Russell Hoffer Public School Music; East Public School
Lansing
Dorothy L. Hubbard
Public School Music; Ovid Gerald Eugene Irish Public School Music; Greenville David Van Hoesen Jones Public School Music; Highland *Robert William Larson Applied Music; New Britain, Connecticut *Albert Karder Meerzo Public School Music; North Muskegon

Nancy Lu Endress

*Charles Eugene Osborne Public School Music; Detroit Ralph DeWayne Phend Public School Music; Springport
Thomas May Pointkowski
Applied Music; Wyandotte
Janis Eloise Pollok
Applied Music; Lansing †Rosalie Joyce Randall Applied Music; Detroit Raymond Roy Roberson Applied Music; Jackson Ronald Floyd Salow Public School Music; Pontiac Donna Eleanor Sattler Public School Music; Jackson †Mary Edith Scott Public School Music; Petoskey Martha Jean Sisney Public School Music; Pontiac †Roger Wheelock Spear Public School Music; Cleveland, Ohio Kathryn Patricia Tobey Public School Music; Manistee Gerald Coy Winters

Public School Music; Owosso

DEGREE OF BACHELOR OF SCIENCE

Marc Amblard Abell Physics; East Lansing Keith Edward Aldrich Physics; Lansing Thomas Edward Andrews Zoology; Kalamazoo Walter Clark Atcheson Entomology; Royal Oak *Donald Eugene Atkinson Biological Science; Kalamazoo Carroll Forester Augustine Physics; Owosso Lowell Ray Avery Mathematics; Midland Shirley Ann Bailey
Zoology; Pittsburgh, Pennsylvania
Elaine Blanchard Baker Geology; Sturgis John Albert Baker Physics; Grand Ledge Louis Paul Baldoni Zoology; Trenton Jacqueline D. Banyan Zoology; Fairfield, Connecticut Frances Julia Beams Chemistry; Garden City, New York Charles Vaughn Beauvais Physical Science; Allegan Philip Henry Beauvais, Jr. Biological Science; Onekama †Raymond Douglas Behr Mathematics; Caseville James Basil Belgrave, Jr. Physical Science; Muskegon William John Belobraidich Geology; Van Dyke
*Robert Nelson Berkman
Bacteriology; Flint
James Lee Bicknell Chemistry; St. Joseph Helen Bilanow Biological Science; Dearborn Samuel Thomas Bilger Chemistry; Pontiac *Richard William Boyd Mathematics; Flint
Stanley J. Bower
Bacteriology; Lansing
Robert Lee Breed
Geology; Lake City
Theodore Anthony Brey Geology; Caspian August Brinkman Geology; Detroit Cornelius Gardner Bristol Physical Science; Cos Cob, Connecticut Jack Jr. Brotzman
Physics; Lansing
*Robert Calvert Brown, III Zoology; Detroit Milton Roger Burch Bacteriology; Lansing Dolores G. Buresh Mathematics; New Haven Lloyd Arthur Burkholder Zoology; Grand Rapids Robert David Burns Zoology; Royal Oak Howard Royal Busby Geology; Detroit †Charles Arthur Cassell Mathematics; Mt. Vernon, Ohio Jose Luis Castro Bacteriology; Cali Colombia, South America

Evart Wayne Christensen Geology; Scottville Jack Jerome Coats Zoology; Dearborn Melvin S. Cohen Zoology; Plainfield, New Jersey Alfred E. Cole Zoology; Coldwater *William Erle Collins Entomology; Lansing Alain Francois Corcos Botany; Bronxville, New York Eva Winifred Cousins Bacteriology; Osseo Dale Robert Cree Zoology; Kalamazoo *Charles William Cribbs Mathematics; Muskegon James Hall Cunningham Chemistry; Farmington
Joyce Eleanor Dart Mathematics; Hamburg, New York Benjamin Thomas Datz Chemistry; Vassar Clyde Philip Davenport Zoology; Lowell H. Eugene Deady Zoology; Lansing Glen H. Dean, Jr. Physical Science; Detroit Gerald Grey De Forest Mathematics; East Jordan James MacGregor DeLong, Jr. Chemistry; Grand Rapids David John De Vries Mathematics; Lansing Gilbert Alex Diaz
Bacteriology; Kingsville, Texas
Darwin E. Diehl Mathematics; Davison Irving William Dietz, Jr.
Biological Science; Detroit James Richard Donhaiser Physics; Saginaw Mohammed Saeed Dosky Botany; Duhok, Iraq Robert Hodge Duff Chemistry; Durand †James Edward Duffus Botany; Detroit Sydney Alban Dyer, Jr. Geology; Roscommon Billy George Ellis Geology; Augusta, Kansas *Robert James Ellis Zoology; Lansing Paul Charles Engelmann Mathematics; Middletown, New York David Victor Engstrom
Zoology; Gladstone
†Raymond Curry Erickson Bacteriology; Ironwood Eugene Bruce Everhart Mathematics; Ann Arbor Theodore Fairbanks Zoology; Irons Anita Dolores Feeley Zoology; Chicago, Illinois John Micheal Felisky John Micheal Fellsky
Mathematics; Flint
Erwin Arthur Feltz, Jr.
Bacteriology; Monroe
*Charles Woodbury Fifield, III
Bacteriology; Melrose, Massachusetts

Harold W. Fogle Chemistry; Lansing Antone K. Fontes Bacteriology; New Bedford, Massachusetts Thomas Aaron Ford, Jr. Bacteriology; Kaleva Loren Richard Foster Geology; Rock Island, Illinois Peter Andrew Frank Botany; Three Rivers Eugene Edgerly Franklin Physical Science; Royal Oak
Lucy Beng-fei Fu
Mathematics: Shanghai, China
Charles Lee Fuller Geology; Lansing
Joseph Raymond Galli
Chemistry; Appola, Pennsylvania
George Herbert Gallup Geology; Jackson James Fredrick Gates Mathematics; Lansing *Robert Louis Gault Physics; Highland Park †Aelred Dean Geis Zoology; Chicago, Illinois Jerry Joseph Gibbons Zoology; Flushing Robert Keith Glatus Robert Keith Glatus
Zoology; Munising
Richard Martin Goldstein
Mathematics; Flint
*Judith Grace Grams
Biological Science; East Lansing Edward F. Grassl Zoology; Marshfield, Wisconsin Keith Raymond Greene Biological Science; Niagara, Wisconsin Donald Lewis Grohman Geology; Lansing Harold Lloyd Guernsey Physical Science; Fenton William L. Gunder Geology; Whiting, Indiana Donald Alan Hall Physics; Flint
Nielsen Scott Hansen
Biological Science; Lansing Richard Henry Hansen Biological Science; Grand Rapids Russell Gale Hanson Chemistry; Jackson Louis Herbert Hargreaves, Jr. Zoology; Pleasant Ridge *Donald Raymond Harris Chemistry; Dearborn
Thomas Henry Harris
Botany; Ferndale
Dale Elwood Hissong
Chemistry; Scottville
Robert John Hoffmann Geology; Mt. Vernon, New York †Harley Norman Hotchkiss Geology; Straffordville, Ontario, Canada Joseph Harlen Howe Botany; Saginaw L. Gale Huddle Zoology; Pleasant Ridge Barbara Ann Huss Bacteriology; Thomasville, North Carolina Robert Jay Huyser
Physical Science; Grand Rapids Mary Jane Keith Zoology; Alma

^{*}With Honor †With High Honor

Conrad Mitchel Jankowski Chemistry; Chicago, Illinois Lee David Johnson Geology; Cadillac Ralph Donald Johnson Ralph Donald Johnson
Geology; Fowlerville
Charles I. Kauffman, Jr.
Zoology; Lakewood, New Jersey
Richard Nathaniel Kellner Zoology; Jamaica, New York Robert Cresswell Kettunen Chemistry; East Lansing Donald Alexander King Chemistry; Wyandotte
†Marianne Kingsbury
Bacteriology; Cassopolis
Robert G. Kirkpatrick Zoology; Woods Hole, Massachusetts Massachusetts
Russell Hubert Koons
Physical Science; Rives Junction
Charles Harvey Kupsky
Bacteriology; Detroit
Adeleen Nancy Kyes Mathematics; Bath Donald William Laatsch Mathematics; Saginaw Thomas Joseph La Beau Thomas Joseph La Beau
Zoology; Trenton
Walter Peters Lander, Jr.
Mathematics; Lansing
John E. Landgraf
Botany; Royal Oak
Bates Henry Landis
Biological Science; Flint
Donald Gerrard Le Beau Donald Gerrard Le Beau Chemistry; Detroit Allen Ellsworth Lee Bacteriology; Bay City Thomas Power Lee Mathematics; Flint
†Thomas Allan Lesh
Zoology; Maywood, Illinois
Thomas Hall Leutzinger Geology; Cadillac Otto H. Lindemann Chemistry; Ebenezer, New York Howard Alfred Linebaugh Bacteriology; Ionia George James Linton Mathematics; Richmond Hill, New York New YOFK

*William Thomas Long
Botany; Cleveland, Ohio
James Russell Mally
Geology; Chicago, Illinois

*Dale Nelson Martin
Tollogy, Promen, Indiana Zoology; Bremen, Indiana Richard Thomas Masters Mathematics; Lansing William Earl Masterson, Jr. Zoology; Wayne Richard Edwin May Chemistry; Irvington, New York Joseph Robert Mazzola Geology; Chicago, Illinois John Daniel McGinty Zoology; Grosse Pointe Park Joseph John Michalowski Zoology; Manville, New Jersey Bruce Leslie Miles Zoology; Bellaire Donald E. Miller Physical Science; Detroit James Timothy Monaghan Geology; West Branch Edmund Joseph Monette Zoology; Cassopolis Royall Tyler Moore Botany; Ithaca, New York

James LaVern Moores James Lavern Moores
Zoology; Holt
Herbert A. Moses
Physics; Hartford, Connecticut
Charles Julian Moskowitz
Geology; Rochester, New York
Lawrence Gregg Mullica
Bacteriology; Detroit
William Anthony Murray
Zoology: Chicago, Illinois Zodogy; Chicago, Illinois Norman Raymond Myckowiak Chemistry; Saginaw Elliott McIntyre Myers Elliott McIntyre Myers
Zoology; Ithaca
James Arthur Myers
Zoology; Pittsburg, Kansas
Kingsley Wayne Nash
Geology; Bad Axe
Joseph Anthony Pagliuca
Biological Science; Bronx, New
York York *David Stanley Paige Geology; Marysville Robert Miles Pennington Bacteriology; Detroit Richard Dean Peterson Mathematics; Cadillac Donald Lewis Phelan Geology; Trenton Albert Joseph Pivonka Bacteriology; Flushing Ian Plenderleith Zoology; Ferndale John Edward Porritt Zoology; Pontiac Donald Charles Quester Botany; Loraine, Ohio
George G. Reif, Jr.
Chemistry; Bay City
Raymond Edward Reilly
Zoology; Maywood, Illinois
Jack Fisk Reinhardt
Botany; Bay City
Richard Trent Reist
Botany: Saginaw Botany; Saginaw Howard Cecil Richards Mathematics; Ferndale Frederick Thomas Richardson Mathematics; Lansing *Karl A. Riggs, Jr. Geology; Whitestone, New York Richard James Ronan Physical Science; Detroit
Roy Meneley Ross, Jr.
Zoology; Mattoon, Illinois
Arciel Josephine Roy
Mathematics; Pontiac Ann Ruslander Bacteriology; Birmingham †Lawrence Atwell Ryel Zoology; Milford Peter Junji Sasaki Botany; Chicago, Illinois Rudolph Arthur Scheibner Mathematics; Escanaba Charles Bernard Schmidt Geology; Lake Orion
William Robert Schmitt
Zoology; Mt. Vernon, Illinois
David Thompson Scupholm Geology; Detroit Roy Eugene Shaffer Physics; Tekonsha William David Shea Zoology; Oceanside, New York Robert Lewis Sherrard Botany; Detroit †Henry Carl Smith, Jr. Geology; Hammond, Indiana Stanley Babcock Smith, Jr. Chemistry; Pontiac

Eugene A. Snow Chemistry; Saginaw *John LeMoyne Snyder Geology; East Lansing Edward Sohacki Zoology; Detroit Harry Otto Sorensen Geology; Fowlerville Helen Irene Sours Biological Science; Vincennes, Indiana Indiana
John Franklin Spalding, Jr.
Physics; Medford, Oregon
*John Roger Spencer
Zoology; Bloomfield Hills
*George Henry State
Mathematics; Buffalo, New York John William Steinke Mathematics; St. Joseph Charles Lee Storm Mathematics; Detroit David Duane Sundstrom David Duane Sundstrom
Zoology; Saginaw
Carl Alton Swanson
Geology; Cadillac
Margaret Jane Swikart
Physical Science; Yonkers, New
York Jack Russell Thomson Biological Science; Jackson Albert Joseph Tobin, Jr. Bacteriology; Northville *John Alexander Trost, III Physics; Grosse Pointe
Andrew Ward Twork
Geology; Pinconning
Richard Lowell Tyler
Geology; Jackson
Harold Edward Van Orden
Physics; Highland Park
Neil Lavern Van Syckle Neil Lavern Van Syckle Geology; Climax Ned Carter Ver Hage Chemistry; Muskegon Heights George Raymond Vogel Chemistry; Howell David Scott Wade Zoology; East Jordan Edward Leonard Wagonlander Biological Science; Flint Neal Edward Walker Geology; Ironwood
William John Ward
Bacteriology; Peru, Illinois
Malcolm Wayne Warren
Zoology; Trenton, New Jersey David Weiswasser Mathematics; Detroit Earl Bruce Wells Earl Bruce Wells
Zoology; Lansing
James M. Westby
Zoology; Dearborn
David Percy Wheeler
Zoology; East Lansing
*Huber Wheeler
Zoology; Morenci
Wallace George Wheeler
Mathematics; Pleasant Ridge
Chester James Wilkinson
Chemistry; Flint
Jerald Junior Wilson
Zoology; East Lansing Zoology; East Lansing Laurence MacKenzie Wilson Geology; Port Huron Robert Charles Wolf Geology; Berwyn, Illinois Robert Seaver Wolf Zoology; Grand Rapids
†William Henry Ziering
Zoology; Brooklyn, New York

^{*}With Honor †With High Honor

DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

Ray Lincoln Beede
Lansing
†Reynold Andrew Berkey
Constantine
Leonard Thomas Blouin
Minden City
*Edwin F. Cool Cain
Grand Rapids
*Joseph Arthur Caruso
Lansing

†Robert Lawrence Clements:
Howell
Carroll Wayne Collier
Chemistry; Lansing
*Ethan Charles Galloway
Hemlock
Jean Margaret Kleasen
Buffalo, New York

*Charles Edwin Ring Grand Rapids *Barbara Anne Smith Utica Russell E. Summer Kelly Lake, Minnesota *Alfred Julius Zeits Chemistry; Detroit

Veterinary Medicine

The candidates will be presented by DEAN CLAUDE S. BRYAN

DEGREE OF DOCTOR OF VETERINARY MEDICINE

†John Perry Abrahamsen Lansing *Robert William Acton Jackson Richard Alexander Aysta Virginia, Minnesota Robert Angus Baldwin East Lansing Robert William Barnes Oshkosh, Wisconsin Dayne Harvey Barthels Green Bay, Wisconsin Bernard Wilson Bigger Cheboygan *Harold Marvin Braeutigam Birch Run Richard Fredrick Bristol Eaton Rapids *Bruce Orr Brodie Martin *Boyden K. Brown Garretsville, Ohio †Walter Raymond Burke Flint William Erwin Burmeister Bonduel, Wisconsin tJ. M. Carter Elkhart, Indiana Pei Wen Chang Shanghai, China Albert Norman Christiansen Norwalk Carl Lewis Clark Reading Calvin Martin Clothier North Branch Robert James Cloud Orleans, Indiana Elwood Reed Collins Bad Axe Alvin Ralph Conquest Grand Blanc David William Conway Wyandotte Wilford Dallas Davis Dundee Wyman Dale Davis Dundee *Duaine Ralph Deming Clinton Allen Edward Dunckel Farmington Donald Henry Ege

†Jeremy Vilos Ferries
Wilton, Wisconsin
Monte Nelson Frazier
Montrose
†Arthur Julian Freid
Detroit
*William Gerencer
Bailey
*James Eugene Gross
Kramer, Indiana
Henning Haugard
Detroit
John Albin Hillstrom
Laurium

Virgil LaMar Holdeman Jackson *James Clement Hruska Neenah, Wisconsin †James O. Hughson Shelby Richard Hazard Hull East Lansing *Elroy Clarence Jensen Dorchester, Wisconsin Donald William Johnson Ludington Betty Lou Jones Homer Percy E. Jones Coldwater †James Wenzel Kahl Winona, Minnesota Donald Lesdin Knott Beverly, Massachusetts rmin Franklin Krohn Madison, Wisconsin John Louis Labby Marquette *Cyril J. Laridaen Mauston, Wisconsin Robert Wray Leech Chillicothe, Missouri Keith George Libke Morenci Francis Wilfred Macey Battle Creek Robert Louis Madson Saginaw Leroy Willis Maxwell Detroit Charles Michel McCarthy Detroit Orville L. McFadden New Haven, Indiana Howard Freeman Mikles

*Lawrence Duane Miller Battle Creek Lee Allan Morgan East Detroit Wallace T. Nagao Hilo, Hawaii *Merlin Andrew Nelson Kingsford Carl Douglas Olsen Iron Mountain Vern Lyle Patterson Detroit Richard Galpin Pearce Detroit Neubert Dale Petschulat Sturgis *George Arthur Piper Dearborn Arthur Eugene Polk, Jr. Dowagiac Sherman Russell Purvis Franklin, Pennsylvania Warren Rednor Trenton, New Jersey Jack Owen Reed Arlington, Virginia Burns Renton Royal Oak Charles Alton Renton Wayne *Wesley Dale Russell Tangier, Indiana Dean Samuel Royal Oak Robert George Shipman Rhinelander, Wisconsin *Stuart Duane Sleight Laingsburg Clyde Konrad Smith Sturgeon Bay, Wisconsin Harry Edward Stoliker Farmington Herbert S. Stoneman Hart Lyle Eugene Trout Tracy, Minnesota *Walter Steele Tyler Iron River *Leonard Thomas Vader Lansing *David Junior Van Meter Fort Wayne, Indiana William F. Walquist Roseville, *Bernard Wasserman Brooklyn, New York

DEGREE OF BACHELOR OF SCIENCE MEDICAL TECHNOLOGY

Kenneth Herbert Eskelund

Waterville, Maine

Mary Catharine Allen
Ludington
Maxine Suzanne Bach
Milwaukee, Wisconsin
Kay Nichols Carnahan
Franklin
*Joanne Frances Craig
Dearborn
Ellen Sargent Crall
Grand Rapids

Mt. Pleasant

*With Honor †With High Honor Rutn N. Hing
Flint
Debora Jean Johnson
Kalamazoo
*Jeanne Frances Labadie
Port Huron
Phyllis Elaine MacAllen
Lansing
†Phyllis Ann Marquart
Detroit

Skiatook, Oklahoma

Lilly Yoneko Nemoto
Okemos
Celia Marie Paul
Bay City
Phyllis Mae Shattuck
Detroit
Eileen Marie Weidenfeller
Grand Rapids
Elizabeth Faye Winston
Detroit

*Adolf Weinacker

Detroit

Graduate Studies

The candidates will be presented by DEAN THOMAS HARRIS OSGOOD

DEGREE OF MASTER OF ARTS

John Charles Adams Education; St. Johns Wilfred Milton Arneson Speech, Dramatics and Radio Education; Westminster, Colorado Charles David Aronson Mathematics; Chicago, Illinois George Lobb Baer Political Science; Croswell Warren Garst Ballachey Sociology; Lansing Florence F. Banhagel Education; Lansing Louis James Barron Education; Durand, Wisconsin Donald D. Beach, Jr. Social Science; Mount Morris Eugene Everett Beagle Education; Portland Harry Gene Beckner General Business: Chicago, Illinois Vernon Lee Beers Psychology; Lansing Robert Omer Berube Education; Munising Frank Blackford Political Science; Detroit Charles Arthur Blagdon Political Science; East Lansing Raymond Franklin Bodwin Psychology; Morrice Francis Eugene Bowerman Physical Education; Romeo Arthur F. Brandstatter Public Administration; East Lansing James Lawson Britton Economics; Union City Nancy Luce Bunker Education; Fitchburg, Massachusetts Francis F. Burton Education; Lincoln Park Richard Hebert Cady History; Lansing Charles David Campbell Education; Midland William Henry Carey, Jr. General Business; Hartford, Connecticut James Grafton Carter Accounting; East Lansing James Louis Casebere Education; Holt Robert Jared Chippendale Education; Canton, Ohio Deward Alden Clark Education; Lansing Margaret Lucille Clark Psychology; Detroit Harry F. Cloft General Business; Midland Gannon Flay Coffey Public Administration; Grand Rapids Marion Alyward Cole

Education; Lansing

Joan Eleanor Combs Art; East Lansing Constance June Cortright Political Science; Lansing Clayton Clyde Curtis Economics; Bryant Pond, Maine Peter H. Curtis Social Science; Milwaukee, Wisconsin Cyrus Munro Davis Physical Education: Jackson Judson Steven Davis General Business: Lansing Charles Brown Dennis Education; East Lansing Percy Ray Douglas Education; Toronto, Canada Elmer Enslow Eason Education; St. Louis, Missouri John Clarence Ehrmann Psychology; Milwaukee, Wisconsin Robert Monteith Elliot Psychology; Owosso Hyrtl Cairns Feeman Education; Lansing Avis Mary Forsyth Education; Davison Edward Willis Fox Education; Worcester, Massachusetts Clark Lee Gates Education; Saginaw Vincent Leo Gleason Art: Howell Wilfred J. Godfrey Public Administration; East Lansing Ann Sharon Goldoftas Home Management, and Child Development; Detroit William Edward Goldsmith Education; Detroit Wendell E. Grove Mathematics; East Lansing Harry C. Haight Speech; Grand Blanc Andrew Weston Hart English; Bay City Peter Hartocollis Psychology; Athens, Greece Homer DeLaine Higbee Political Science; Bristow, Oklahoma Cecile Pollock Hoffman English; Lansing Walter Holland Education; Flint June Conrad Hopkins Education; Flat Rock Robert Floyd Hopkins Education; Owosso Harold Stuart Huizenga Business Administration; Grand Haven Richard Maynard Irwin Political Science; Pontiac Frank N. Jacobson Psychology; Columbia, Missouri

Joseph Benedict Jenks English; Muskegon Lois Anne Johnson Psychology; Wellfleet, Massachusetts Norejane Johnston Home Management and Child Development; Coudersport, Pennsylvania Edna Marie Jorgensen General Business; Oscoda Maurice Jacob Keyser Psychology; Ypsilanti Charles Alfred King Business Administration; Concord, New Hampshire Gerald Franklin King Psychology; East Lansing Donald R. Kogut Sociology and Anthropology; Detroit Faye Lucile Kunkle Education; Prattville Einar A. Larson
Education; Sault Ste, Marie
Raymond Peter Lincolnhol
Social Science; Lansing Stanley Paul Long Education; Merritt John G. Lorenz Public Administration; Long Island, New York Edward Lovinger Psychology; Flint
Jack L. Maatsch
Psychology; Charlotte
Eugene Shannon Mahany General Business; South Fort Mitchell, Kentucky William Wallace Maner Economics; Lansing William Franklyn McCowan Psychology; Lansing Elwin Everett McCray Education; East Lansing Charles Robert McHaney, Jr. Education; Bridgeport George Francis McKenzie General Business; Newark, New Jersey Edward Germain McKinley General Business; Saginaw David William Merrell Psychology; Niles Jacob Gorton Milliken, Jr. Education; Fenton Govind Swamy Naidu General Business; Madras, India Thomas Morgan Nelson Psychology; Detroit William Donald Nelson Psychology; Tomah, Wisconsin Arvid Wallace Norlin Education; Sault Ste. Marie Thomas Leonard Norris Sociology and Anthropology; Brockton, Massachusetts Edward Lawrence Palarski Education; Omer

Joseph J. Panella Physical Education; Canton, Ohio Ross Clayton Parr English; Kalamazoo Lee Ernest Polley Education; Walcott, Iowa James Henry Powell Mathematics; East Lansing Charles Harry Proctor Sociology and Anthropology; Wayne Phyllis Steever Redemann Education; Stromsburg, Nebraska Byron Samuel Reetz History; West Branch
Ruben Elias Reina
Sociology and Anthropology;
Corodoba, Argentina
Robert Stanley Richards Political Science; Ironwood Wayne E. Robinson Economics; Grant Jack Robert Rombouts Education: Iron River Donald Bernard Rubens General Business; Rochester, New York Jadurai Laljibhai Rupani Business Administration; Ahmedabad; India David George Scafasci . English; Loretto Walter Wood Scott Education; North Muskegon Florence Ann Laird Schabel Speech: Okemos

DEGREE OF MASTER OF MUSIC

Emil George Ellis Sturgis Kathleen Anne Haley Ithaca Francis Imbragulio Ellisville, Mississippi Ray George Koos Dearborn Robert James MacDonald Youngstown, Ohio

DEGREE OF MASTER OF SCIENCE

Edgar William Albaugh Chemistry; Millfield, Ohio C. Henry Allen Bacteriology; Pontiac Grace Ann Allen Bacteriology; Bronx, New York, New York Hazel Chang Amen Foods and Nutrition; Honolulu, Hawaii Edward Harland Bacon Zoology; Detroit Ralph Albert Bacon Chemistry; Detroit Carl O. E. Basel Forestry; Hillman Ralph James Bertolacini Chemistry; Pawtucket, Rhode Island Richard Erle Biedenbender Mathematics: Middletown, Ohio Paul Franklin Biefeld Chemistry; Keego Harbor W. Victor Bielinski Agricultural Economics; East Lansing Henry Harold Bloom Bacteriology; Brooklyn, New York

Elizabeth Iledan Shroff Education: Capiz, Phillipine Islands Firman Cassius Shaft Education; Holt Gerald Emerson Smith Economics; East Lansing Hal R. Smith Education; Fort Wayne, Indiana Wayne Alden Stanton Psychology; Lansing Walter Russell Stevens, Jr. Psychology; East Lansing Warren Austin Stoddard Public Administration; Portland, Maine Roy George Struble Education; Lansing Charles Patrick Sullivan Education; Bristow, Oklahoma Charles Elmore Sutton Education; Okemos Irwin Isamu Tanaka Social Service; Honolulu, Hawaii Orrin Edison Taulbee Mathematics; Taulbee, Kentucky Marvin Ten Elshof Education; Nashville Pantum Thisyamandala General Business; Bangkok, Thailand Charles John Tolch Speech; Sigel, Illinois Vern Alvin Vandemark General Business; East Lansing Louise Jean Van Dommelen

Setsuko Mita
Suma, Kobe, Japan
Robert Keith Powell
Charlotte
Eldon Charles Rosegart
Pontiac
Don Orth Tatroe
Holt
Norman Francis Vogel
Long Island, New York

Physical Education; Holland

Kimon Bournazos Agricultural Economics; Lansing Chester Francis Boyard Bacteriology; Clearfield, Pennsylvania Charles Clark Bowen, III Botany; East Lansing Henry Dittimus Bowen Agricultural Engineering; Adrian Shirley Virginia Bring Foods and Nutrition; Lansing Gerald LeRoy Brooke Geology; Sunfield Lloyd Brooks Conservation; Ladner, Canada John Fanton Brown Horticulture; Vineland, Ontario Canada Myron Gilbert Brown Chemical Engineering; Lansing Merrill J. Buschlen Farm Crops; Lansing Kenneth Alexander Campbell Civil Engineering; Detroit William Ozias Carver General Agriculture; Lansing

Anthony Francis Vavrus Economics; South Chicago Heights Willard L. Walker Economics; Loveland, Colorado Frank H. Watson Political Science; Beulah John Harold Wawzysko Art; Battle Creek Charles S. Weber Public Administration; East Lansing James Frederick Weidig Psychology; Detroit Thomas Michael Weiss Education; Lansing Ruth Mary Wheeler Education; Belvidere, Illinois Hugh Sidney Whipple nugn sidney Whipple
Philosophy; Lansing
Eileen Seymour Whitaker
Education; East Lansing
Harris Edgar Whiting
General Business; Wakefield, Rhode Island Rodney Arthur Wiggin Music; Londonville, Ohio John Gordon Williams Education; Petoskey Eleanor Howard Workman Education; Lansing Edward Chester Wright Education; Baton Rouge, Louisiana Edward Zbiciak Physical Education; Flint Herbert A. Ziegler General Business; Vienna, Austria

Clarence Howard Wade Sault Ste. Marie Marjory Sutton Warnaar Lennon Stuart M. Warnaar Flint Robert L. Wirschem Muskegon

Ishwar Gopal Chavan Dairy; Bombay, India Marguerite Marie Chretien Bacteriology; Indianapolis, Indiana Richard W. Christian Agricultural Economics; Hastings Leon Ciporin Chemistry; New York, New York
Gerald Arthur Clark
Chemistry; Midland
Roger John Claus
Civil Engineering; Lansing Mary Lucille Colberg
Mathematics; Cleveland, Ohio Vernon Walter Cole Zoology; Cleveland, Ohio Robert Sherman Connor Bacteriology; Jackson John Sherman Coryell Horticulture; Manhattan, Kansas Jerry Arnold Cowen
Physics; Toledo, Ohio
Thomas Applegate Curtis
Agricultural Engineering; Tiffin, Ohio Alberto Daker Agricultural Engineering; Brazil, South America

Richard LeRoy Nyquist

Carl Nicholas Danielson Civil Engineering; Zeeland Paul Jay De Koning Mechanical Engineering; East Lansing Joseph Francis Delaney Plant Physiology; White Plains, New York Michael Delich Mechanical Engineering; Okemos Vahan Derminasyan Civil Engineering; Istanbul, Turkey Reynold Victor Dickhaus Forestry; Park Hills, Kentucky Milton Bernard Dobkin Bacteriology;Brooklyn, New York Gerald Oliver Edgerly Agricultural Engineering; Holt Leon Eisenstat Bacteriology; Philadelphia, Pennsylvania Roy Ellsworth Elicker Mechanical Engineering; Harrisburg, Pennsylvania John Arthur Fellman Forestry; Joliet, Illinois Yu-sheng Louise Feng Physiology; Peking, China Donald Charles Flischel Mathematics; Germantown, Ohio John Rowe Ford Zoology; East Lansing Fred Wesley Freeman Forestry; Columbus, Ohio Robert Harry Fulton Botany and Plant Pathology; East Lansing David Rice Gardner Soil Science; East Lansing Tuvijas Goldoftas Agricultural Engineering; Lansing Sara Jane Granger Physics; Ortonville Jack Ellsworth Gray Animal Pathology; Grand Rapids Joseph Edward Gray Bacteriology; Brooklyn, New York Robert Doak Harrison Entomology; Shelby Douglas Jack Harvey Mechanical Engineering; Utica Sheldon Bertram Hedges Zoology; Detroit Harold Blair Heeney Botany; Ottawa, Ontario, Canada Roscoe John Higdon Horticulture; Columbia, South Carolina Allan Hirsch Zoology; New York, New York Allen Frederick Horn, Jr Forestry; Milwaukee, Wisconsin Wallace Eugene Houk Entomology; South Bend, Indiana Adelbert David Huber General Agriculture; Onsted Matthew Joseph Huber Civil Engineering; Watertown, Wisconsin Peter Arthur Hyypio Botany; Chassell Subramonia Vancheswara Iyer Bacteriology; Madras, India Richard Ellsworth Jacobs Bacteriology; Mt. Carmel, Connecticut

Jean Jacques Jasmin

Horticulture; Montreal, Canada

Hyland Righter Johns, Jr. Land and Water Conservation; Bryn Athyn, Pennsylvania Robert Henderson Keyser Civil Engineering; Mason Moon Hwi Kim Chemistry; Taeku, Korea Young Chang Kim Mathematics; Chonju, Korea Young Chang Kim
Physics; Chonju, Korea
George Carl Klingbeil
Horticulture; Westfield, Wisconsin Karl Klomparens Horticulture; Holland William Klomparens Botany and Plant Pathology; Holland Marvin Nelson Kragt Bacteriology; Holland John Earl Kruse Metallurgical Engineering; Cleveland, Ohio Howard Brewster LaFrance Civil Engineering; Port Huron George Howard Lauff Zoology; Milan Noelle Christiane Lebrec Botany; Paris, France Douglas Elmo Lee Mechanical Engineering; Cruger, Mississippi Martin Robert Leven Chemistry; Chicago, Illinois Bernard David Lewis Bacteriology; Joliet, Illinois John LeBaron Lockwood Botany and Plant Pathology; Hastings Harold Richard Long General Agriculture; Lake Odessa Glenn Grant Lorch Physics: Grand Rapids Salah-Eldine Mahmoud Lotfy El Baz Food Technology; Cairo, Egypt Lawrence Ide Lowell Mathematics; DeWitt Donald Lester Martindale Forestry; Pontiac Frederick Otto Marzke Zoology; Lansing Rajbans Dayal Mathur Soil Science; Delhi, India Robert Carney McBryde Physics; Detroit John Thompson McCall Civil Engineering; Houghton Reginald James McCormack Forestry; Peterborough, Ontario, Canada Richard L. McCullough Chemistry; Niagara Falls, New Mary Mills Foods and Nutrition; Marysville, Nicholas James Mizeres Zoology; Canton, Ohio Adel Mohsen Mechanical Engineering; Cairo, Egypt Clyde Arthur Morrison Physics; Lachine Joseph Namazi Farm Crops; Teheran, Iran Charles Leslie Nickel Animal Husbandry; Monroe John Charles Noblet Forestry; Houghton

Chemistry; Detroit George Robert Oberer Mathematics; Dayton, Ohio Margaret Constance Ohlander Horticulture; Scarsdale, New York Andrew Louis Olson Agricultural Extension; Kingsley Joan Marion Pangburn Botany; Detroit Ishwarbhai Ashabhai Patel Chemical Engineering; Bombay, India Pasquale John Petrullo Wood Utilization; Northumberland, Pennsylvania James Andrew Pompey Horticulture; Live Oak, Florida Shirley Susan Powell Botany; Detroit Myrtle Marie Powers Zoology; Scotts Alta Virginia Presson Foods and Nutrition; Calvert City, Kentucky Mohan Singh Purohit
Animal Husbandry; Jodhpur, India Theodore Lynn Rebstock Chemistry; Elkhart, Indiana W. Robert Redelmeier Agricultural Economics; Toronto, Ontario, Canada Clara Dodge Refson Biological Chemistry; Ovid Antonio Rezende
Soil Science; Vicosa, Brazil
Edward C. Rhodehamel Geology; Ishpeming Earl Cranston Richardson General Agriculture; Lansing Henry Beedie Richardson Poultry Husbandry; Campbellsville, Kentucky William Francis Riley, Jr. Surgery and Medicine; East Lansing Robert Olaf Ringoen Mechanical Engineering; St. Paul, Minnesota Edward Raymond Rogers, Jr. Forestry; South Bend, Indiana Luis Armando Romo Soil Science; Ambato, Ecuador Paul Joseph Rood Horticulture; East Lansing Adolfo M. Rothschild Chemistry; S. Paulo, Brazil Donald Chester Ruby Soil Science; Detroit William John Ruby Civil Engineering; Lansing Salah Eldine Sadek Surgery & Medicine; Cairo, Egypt Dattajeerao Kondjee Rao Salunkhe Farm Crops; Bombay, India Walter Herman Sandhusen Forestry; Thiensville, Wisconsin Bhalchandra Tanaji Sangle Dairy; Sindkheda, India Herman Gerard Scholten Chemistry; Grand Rapids Norman Robert Sedlander Civil Engineering; East Lansing Roger Joseph Seibert Mathematics; Defiance, Ohio Walter Winston Sewell Agricultural Engineering; Washington

William Ernest Shiffermiller Agricultural Engineering; Dayton, Ohio Neil Frederick Shimp Soil Science; Sarasota, Florida John Vahan Simonian Chemistry; Edgewood, Rhode Island Arthur Edwin Slaughter Geology; Bangor Albert Ernest Smith Physics; Lancaster, Massachusetts Esther M. Smith Anatomy; East Lansing Roy J. Smollett Electrical Engineering; Petoskey Helmuth Martin Steinhilb Forestry; Painesdale Joseph Alfred Stevens Bacteriology; Cleveland, Ohio Rudolph Frank Stinauer Zoology; Ann Arbor Salah Izzat Tahsin Physics; Baghdad, Iraq Howard David Tait Zoology; Benton Harbor Leck Tanasugarn Bacteriology; Bangkok, Thailand Muriel Elizabeth Tara Geology; Otterlake William Anderson Terry Animal Husbandry; East Lansing

Leslie W. Tobin Soil Science; Allegan Robert Dean Touse Forestry: Jackson Hugh Farrant Travis Zoology; Saratoga Springs, New York James Myron Trebilcock Chemical Engineering; East Lansing Kenneth L. Turbin Chemical Engineering; East Lansing
Duane Earl Ullrey Animal Pathology; Niles David Owen Van Strien Civil Engineering; Grand Rapids George Constantine Vayonis Botany; Athens, Greece William Jacob Venema Forestry; Nunica William C. Vinyard Botany; River Pines, California John Parsons Vogt Food Technology; Fowlerville Robert Jay Waalkes Mechanical Engineering; Mason Leila Jean Walker Botany: East Lansing Gordon Chou-Chin Wang Mechanical Engineering; Nanking, China

Dorothy Hupp Ward Physiology; Sterling Fredric Joseph Warrell Mechanical Engineering; Ventnor City, New Jersey Robert Harold Wasserman Bacteriology; Schenectady, New York Patricia Elliott Wentz Zoology; Lansing Joseph Wilson Whalen Bacteriology; Battle Creek Lester Frank Whitney Agricultural Engineering; Parma Joan E. Wilhelm Bacteriology; Bellevue, Ohio Russell Eugene Williams Poultry Husbandry; Aberdeen, Maryland Harry Stanley Wilt Agricultural Economics; Lansing Robert W. Winters Agricultural Economics; Atlanta Bonnie Redmond Wolfram Bacteriology; Lansing Fred Arthur Woolman Mechanical Engineering; Midland Melbourne Thain Worfel Bacteriology; Grand Ledge Sakae Yamamura Electrical Engineering; Tokyo, Japan

DEGREE OF DOCTOR OF EDUCATION

Neal Beery Andregg, Education; Montgomery, Alabama Thesis: "A Critical Study of Graphic Rating Scales"

Mary Alice Horswill Burmester, Education; East Lansing
Thesis: "The Construction and Validation of a Test to Measure Some of the Inductive Aspects of Scientific Thinking"

Raymond McCallum Clark, Education; East Lansing
Thesis: "Factors Associated with the Decisions of Michigan Teachers to Remain in or Leave the Field of Teaching
Vocational Agriculture"

John Oliver Hall, Education; St. Johns
Thesis: "A Study of Acceleration Methods in Basic College Social Science"

Carl Meads Horn, Education; East Lansing
Thesis: "A Survey of Guidance Services and Practices in Michigan Public Schools"

John William Kidd, Education; East Lansing Thesis: "An Analysis of Social Rejection in a College Men's Residence Hall"

Alice Doll Nelson, Education; East Lansing
Thesis: "The Effect of Group Self-Study on Sociometric Ratings"

Marvin David Solomon, Education; Port Jervis, New York
Thesis: "The Teaching of the Scientific Method: A Synthesis and a Critique"

DEGREE OF DOCTOR OF PHILOSOPHY

Indra Prasad Agrawala, Dairy; Moradabad, India
Thesis: "Comparative Study of the Synthesis of the Ten Essential Amino Acids and Riboflavin, Niacin and Pantothenic Acid in the Rumen of Cattle on Natural and Purified Rations"

Marco Antonio Baeza, Agricultural Economics; Bronx, New York

Thesis: "Sampling and Response Differences for Three Methods of Enumeration Obtained in a Study of Consumer Potato Preferences"

John Carroll Balloch, Psychology; Nashville, Tennessee
Thesis: "An Experimental Investigation of the Effect of the Degree of Shading Contrast in Ink Blots on Verbal and
Physiological Responses"

Alvis Wayman Caliman, Psychology; Detroit Thesis: "Personality Adjustments of Aging Women"

- Prentice A. Caraway, Zoology; Point, Texas

 Thesis: "The Whitefish, Coregonus clupeaformis (Mitchill), of Northern Lake Michigan, with Special Reference to Age, Growth, and Certain Morphometric Characters"
- Chen Kang Chai, Animal Husbandry; Hopeh, China
 Thesis: "The Relative Importance of Genetic and Environmental Factors on the Butterfat Production of Holstein-Friesian Cattle"
- Beerappa Chandrashaker, Animal Husbandry; Mysore, Indiana
 Thesis: "Genetic and Environmental Contributions to the Economic Characteristics of the Michigan State College
 Dairy Herd"
- Henry Wilford Fairchild, Soil Science; Coopersville
 Thesis: "Some Relationships Between Land Use and Selected Natural Land Types in the Lansing Region of Michigan"
- Raymond Andrew Garner, Education; Six Lakes
 Thesis: "Practices of Teachers of Varying Proficiency in Conducting Programs of Supervised Farming in
 Vocational Agriculture in Michigan"
- Youssef Salah Eldin Ghanem, Animal Husbandry; Gizah, Egypt
 Thesis: "An Investigation of Wool Characters, Growth and Skin Folds in a Cross Between Rambouillet and Black
 Top Delaine Sheep"
- Wilson Howland Guertin, Psychology; Westville, Indiana Thesis: "A Factor Analytic Study of Schizophrenic Symptoms"
- Robert Joseph Hathaway, III, Chemistry; Elkhart, Indiana Thesis: "Syntheses of 2(3, 4)-hydroxy-(and methoxy)-2'(3', 4')-chloro-stilbenes and-bibenzyls"
- John Ben Holland, Sociology and Anthropology; East Lansing
 Thesis: "Attitudes Toward Minority Groups in Relation to Rural Social Structure"
- Edith Gueh-djen Hsiung, Bacteriology; Wuchang, Hupeh, China Thesis: "The Value of Certain Therapeutic Agents Against the Bacterial Infections Causing Conjunctivitis and Rhinitis in Dogs Affected with Distemper"
- James Robert Hunter, Farm Crops; Chicago, Illinois
 Thesis: "Some Factors Affecting Germination in Sugar Beet Seed (Beta Vulgaris L.)"
- Alexander Hunter Jones, Bacteriology; Ottawa, Canada Thesis: "The Viability of Microorganisms Isolated from Fruits and Vegetables When Frozen in Different Menstrua"
- Benjamin G. Kremen, Education; Fresno, California Thesis: "A National Study of Counselor Certification"
- Norman O. Levardsen, Botany; Richmond Hill, New York

 Thesis: "Studies on Chemical Methods of Aquatic Plant Control in Freshwater Lakes and Ponds"
- Bennie Douglas Mayberry, Horticulture; Tuskegee Institute, Alabama
 Thesis: "Growth and Development of Vegetable Crops as Influenced by Foliage Application of Sucrose and Major
 Nutrient Elements"
- Eugene Timbrell Oborn, Botany; Denver, Colorado Thesis: "Translocation Studies in the Submerged Tissues of Aquatic Vascular Plants"
- Frank Murray Pelton, Electrical Engineering; Midland
 Thesis: "The Utilization of Reflection from Transmission Line Elements to Produce 100 Watt Positive Pulses of
 0.006 Microseconds Duration at High Repetition Rates"
- Ram Baran Prasad, Animal Husbandry; Bihar, India
 Thesis: "Estimates of the Heritability of Grease Fleece Weight and Grade and the Repeatability of Grease Fleece
 Weight in Sheep"
- Edward Louis Proebsting, Horticulture; Davis, California
 Thesis: "Leaf Analysis and Growth of Montmorency Cherry Trees (<u>Prunus cerasus</u>, <u>L.</u>) as Influenced by Solar
 Radiation and Intensity of Nutrition"
- Ashby Marshall Rhodes, Farm Crops; Pence Springs, West Virginia
 Thesis: "The Development of Anthracnose and Virus 15 Resistant Strains of Rainey River Variety of Beans by Back Crossing"
- Phiroze Dhunjishaw Shroff, Chemical Engineering; Bombay, India
 Thesis: "A Study of the Effect of Long Chain Aliphatic Substituted Dyes on the Wettability of Certain Textiles"
- Jerome J. Siegel, Soil Science; Chicago, Illinois Thesis: "Some Physical and Biochemical Effects of Fumigants in Soils"
- Herman Silva, Botany; Knoxville, Tennessee Thesis: "Algae of the Tennessee Valley Region: A Manual for Identification of Species"
- Roy Kenneth Simons; Horticulture; Kincheloe, West Virginia
 Thesis: "Growth, Leaf Composition and Nutrient-Element Balance of Montmorency Cherry (Prunus cerasus, L.) effect of Varying Concentrations of Ten Nutrient-Elements"

- James Frederick Smithcors, Animal Husbandry; East Lansing
 Thesis: "The Predictability of the Butterfat Transmitting Ability of Dairy Bulls"
- Erling Rein Stromme, Botany; Ski, Norway
 Thesis: "Availability to Plants of Iron and Manganese in Glassy Frits"
- Stephanus Johannes Paulus Kruger van Heerden, Agricultural Engineering; Transvaal, South Africa Thesis: "Utilization of the Principle of Extirpation in the Harvesting of Sugar Beets"
- George Merrill Ward, Dairy; New Haven, Vermont Thesis: "Cobalt Polycythemia in Cattle"
- Bernard Weinstein, Dairy; Philadelphia, Pennsylvania
 Thesis: "Some Factors Affecting the Solar-activated Flavor of Homogenized Milk and the Isolation and Characterization of a Minor Whey Protein Fraction which is Capable of Being Solar-Activated"
- Zia-ud-Din, Entomology; Lahore, Pakistan
 Thesis: "Studies on the Biology and Control of Lygus Oblineatus, Say"

Honorary Degrees

DOCTOR OF LAWS

Nelson Aldrich Rockefeller New York, New York

Alexander Grant Ruthven Ann Arbor, Michigan

Reserve Officers' Training Corps

The following students have completed their ROTC training at Michigan State College and are qualified to receive commissions as reserve officers of the United States Air Force or as officers of the United States Army in the Branches indicated.

INFANTRY

James W. Farrell Houston, Texas James Fredrick Gates, Lansing Robert Ellis Grant Bancroft Mark Ernest Kuhn Grand Rapids John Joseph Richards Sturgis Edward Michael Ryan New York, New York Lionel Jay Stober Detroit Duane M. Tester Marble, Minnesota

ARMORED

Donald James Boyd Bronxville, New York John Warren Fleck Grosse Pointe James Michael Higgins, Detroit Alexander William Kennedy Sault Ste. Marie James Wallace Leweke Huntington, Indiana Donald Bingham McGregor Kalamazoo Francis Raymond Walter La Cresent, Minnesota

CORPS OF MILITARY POLICE

Kosta V. Branoff Flint Stephen Christie Bransdorfer Lansing Donald Andrew Deeter Pontiac Robert Easton Girardin Wyandotte Seymour Knox Hale Lansing

William Joseph Horine
White Plains, New York
Thomas Charles Leavey
St. Clair Shores
Edward Walter Marsh
Detroit
Roger Lee Morgenstern
Wilmette, Illinois

Robert Bliss Pierson
East Lansing
Warren Giles Sprague
South Haven
Roland Jack Shelby
Jackson
Sidney Stein
Chicago, Illinois
Robert Dale Vanderberg
Detroit

SIGNAL CORPS

Jack Vincent D'Agostino Waldwick, New Jersey Duane Burrell Freeman South Haven Richard Allan Gessner Monroe Paul Hallman Hutchings Attica Gerald Hugh Lewis Saginaw John Reed Metz New Haven Harold Leslie Miller Lachine Charles J. Steigleder Royal Oak Charles Lee Storm Detroit Joseph O. Vanest Gladwin

QUARTERMASTER

John Kenneth Boerema Grand Rapids Gerald Arvid Bogner Cadillac Charles Edward Calvert Saginaw Joseph John Comps Pontiac Dale D. Corcoran Cadillac Thomas Arlen Creager Oak Park, Illinois John Richard Daily Detroit Junior Leo Fendt
Farmington
Charles Shoichi Furuya
Honolulu, Hawaii
Hubert L. Galer
Remus
John Adam Gentzler
Bethesda, Maryland
Robert Callow Irwin
Pontiac
George Marius Johnsen
Belleville

Harold Frank Koeplin Saginaw Phillip Eugene Lint Sturgis William Taylor Moore Detroit David Fredrick Roberts Wilmette, Illinois Jack Wallach Brooklyn, New York George Gardner Watson Evanston, Illinois

ORDNANCE

Edward Griffith Brown Westfield, New Jersey James Andrew Brunn Snyder, New York Liviu Irimie Capatina Dearborn Joseph Leo Cassidy Malden, Massachusetts William John Mottel Lansing

George Stasevich Dearborn Gerald M. Stevens Detroit Harold K. C. Wong Honolulu, Hawaii

ANTI-AIRCRAFT ARTILLERY

Carl William Bruch Kenosha, Wisconsin Herbert Robertson Cook Detroit Robert Gordon Fowler East Lansing John Hilliard Gibson East Lansing Amede Oren Hungerford Afton David Carl Ochsner LaPorte, Texas Donald Hubbell Smith, Jr. Milford James Donald Todd
Bad Axe
Donald Keazer Whittemore
South Weymouth, Massachusetts
John Andrew Wozniak
Amsterdam, New York

FIELD ARTILLERY

Leo Francis Baumgartner Drayton Plains Harry Freeman Canfield Eaton Rapids David Charles Corkill Saugatuck Donald James Cullen Wyandotte Leo J. Fitzgerald Salamanca, New York Kenneth Wayne Mulligan Bay City Donald Postiff Ferndale Robert Allen Swoverland Saginaw

AIR FORCE

James Elwood Armstrong Detroit Melville Robert Barlow Lansing James Basil Belgrave, Jr. Muskegon Robert Carl Boston Pontiac James Briggs Caird Detroit Roland Henry Carlson Daggett Walter Sanders Clee Trenton Robert Thomas Cleland Grand Rapids George Lytle Cook Saline Joseph James Corbelli Buffalo, New York Burnell Robert Dietrich Barrington, Illinois Raymond Lee Elliott Harbor Springs William Grant Erb Flint Richard Lynn Erratt Lansing Weldon Gordon Faull Grand Ledge John Albert Fiebelkorn Lake Orion James Francis Flagg Battle Creek John Joseph Flynn Ridgewood, New Jersey Robert James Foss Richmond Max Sawyer Gritzmaker

Britton

Fremont

Charles Thomas Hendrickson

Fred Daniel Johnson Grand Rapids Leland Ervin Jolgren Pelkie Edward Arnold Kaeding Detroit Bernard Anthony Kaldahl Bear Lake Robert Charlie Katz Battle Creek Glenn William Kindt Herron Eugene Kuish Detroit Walter Peters Lander, Jr. Lansing Gregory George Lawrence Detroit Richard Lee Long Pontiac Charles Andrew Lysaght Benton Harbor John Conover Mac Meekin Cranford, New Jersey David Ervin Matherly Battle Creek Walter Ernest Mayer Detroit Leon William Mc Gowen Fremont Robert John Mc Quiggin Dowagiac William Edward Miron, Jr. Escanaba Gordon Lewis Nash Ionia Edward John Nehls Detroit Robert Frederick Newberg Ludington David Franklin Page Lansing

George Raymond Parkins, Jr. Chicago, Illinois Thomas Kingston Pembleton Metamora Edward Glenn Penabaker Flint Raymond Edward Peterson, Jr. Lansing Donald Reinert Reinertson Davison John Glenwood Robbins Detroit George Leslie Sarver Brown City Roger John Schafer Lansing Frederick Dalby Schenck Kensington, Maryland Herbert Frank Schimsk Lansing Donald A. Schulz **Barton City** James A. Snodgrass Pierceton, Indiana Bernard Eric Sobie Grand Rapids Adrian Joseph Stewart Manistee Blaine Wheeler Strimple Maumee, Ohio Russell Waldo Thresher, Jr. New Orleans, Louisiana G. Fred Wait Pinconning Paul Franklin Worthington Romeo Clifford B. Young Birmingham Gerald Jacob Zerfas Eaton Rapids

Alumni Awards for Distinguished Service

To provide recognition to alumni of Michigan State College for outstanding achievements, the Washington, D.C. Alumni Club, under the direction of Ray A. Turner, '09, Chairman of the Alumni Award Committee, in 1946 established the Alumni Awards for Distinguished Service. Annually one or more recipients, not to exceed five in any given year, are designated from a list of nominees submitted by local Michigan State College alumni clubs throughout the United States. Parchment scroll awards are presented each spring on Commencement Day at the College.

Recipients of the awards for 1951 are:

DR. EDGAR SHANNON ANDERSON

Class of 1918. St. Louis, Missouri. Scientist. Teacher. Author. Geneticist at Missouri Botanical Gardens Arborist at Harvard's Arnold Arboretum. Conductor of scientific expeditions to Mexico, the Orient, and the Balkans. Professor of Botany at Washington University. Lecturer, Columbia University. Research on history, classification and species of Indian corn. Awarded Guggenheim Fellowship, National Research Council Fellowship, Order Jugoslavian Crown. Editorial Boards of Madrono and American Journal of Botany. Member, Genetics Society, Botanical Society of America, Herb Society of America, Society of American Naturalists. U.S.Navy.

DR. GROVER CLEVELAND DILLMAN

Class of 1913. Houghton, Michigan. Engineer. Administrator. College Executive. Director, Public Service Utilities. Michigan State Highway Commissioner. President, Mississippi Valley Association of State Highway Departments. Member, State Administrative Board, State Board of Aeronautics, American Association of State Highway Officials, Pan-American Institute of Mining Engineering and Geological Organizations, American Society for Engineering Education. Delegate to International Road Congress. President, Michigan College of Mining and Technology.

DR. GEORGE ALFRED GARRATT

Class of 1920. New Haven, Connecticut. Forester. Author. Instructor in Forestry, Michigan State College. Professor of Forestry, University of the South. Chief, Technical Service Training, U. S. Forest Products Laboratory. Chairman, Connecticut State Park and Forest Commission. Dean of Forestry School, Yale University. Author of publications on Forestry. Delegate to International Forestry Congress. Member, Society of American Foresters, International Association of Wood Anatomists. President, Forest Products Research Society. U. S. Army.

EDWIN SMITH

Class of 1912. Wenatchee, Washington. Horticulturist. Scientist. Author. Investigator, British Columbia Department of Agriculture. Horticulturist, Dominion Department of Agriculture, Canada. Fruit Exporter. Chief Marketing Specialist, U.S.D.A. Senior Horticulturist. Bureau of Plant Industry, U.S. Department of Agriculture. Author of overforty publications regarding fruits and vegetables. Pioneered in field of fruit storage and transportation. Member, Society of Horticultural Science, Society of Refrigerator Engineers. U.S. Navy.

ALBERT SOBEY

Class of 1909. Flint, Michigan. Educator. Administrator. Author. Instructor, Michigan College of Mines. Instructor in Engineering, Michigan State College. Director of Education, Industrial League. Director and President, General Motors Institute of Technology. Consultant, War Manpower Commission. Author of publications regarding radio, engineering, and industrial training. Member, American Management Council, American Society for Engineering Education, National Research Council, Michigan Industrial Training Council. Major, U. S. Army.

Gifts

GOOD WILL toward Michigan State College continually is being demonstrated in various ways. The many gifts that are received each year, most of them in the form of money, attest to the pleasant relationships that exist between the college and individual citizens and private and public organizations throughout the nation. The following gifts were presented to Michigan State College during the past year.

- 19일본에는 일반하다 역사 19일본에 대한 역사 역사 전 19일본에 발표하다는 역사 전에 Nation (No. 1997) - Na. 스타이 Helicity (No. 1994) - Na. 1992	
Michigan Associated Feed Men, to be added to the Elevator and Farm Supply Scholarship Fund	. \$200
Detroit Panhellenic Association, to be added to its Student Loan Fund	\$50
Alumni, to be added to the A. K. Chittenden Student Loan Fund.	\$25
Council of American Legion Auxiliaries of Lansing, to be used for the Spartan Nursery School	\$50
Lukenweld, Division of Lukens Steel Company of Coatesville, Pennsylvania, to be used for chemical engineering research.	\$600
Friends of Harry J. Eustace, to establish the "Harry J. Eustace Lecture Series" to be administered and directed by the Department of Horticulture for a series of lectures by representatives from the commercial field in the handling and marketing of horticultural products	. \$430
South Eastern Michigan Fire Chiefs Association of Wayne County, to be used to encourage participation in a co- operatively developed training institute in fire inspection	\$25
Michigan State Fire Fighters Association of Grand Rapids, to be used to encourage participation in a cooperative-ly developed training institute in fire inspection.	
Michigan State Firemens Association of Kalamazoo, to be used to encourage participation in a cooperatively developed training institute in fire inspection.	\$25
Michigan State Fire Chiefs Association of Sault Ste. Marie, to be used to encourage participation in a cooperatively developed training institute in fire inspection	\$25
Western Michigan Fire Chiefs Association of Muskegon, to be used to encourage participation in a cooperatively developed training institute in fire inspection	\$25
Gerber Products Company of Fremont, to be used in the Engineering Department in a study of cannery wastes and the development of an adequate waste disposal technique	\$15,000
Farmers' and Manufacturers' Beet Sugar Association of Saginaw, to be used in the Farm Crops Department in a study of the influence of different forage crops and forage crop mixtures upon a succeeding crop of sugar beets with particular reference to the stand, yield, and quality of the beet crop.	\$1,700
Farmers' and Manufacturers' Beet Sugar Association, to be used in the Farm Crops Department in a study of the moisture, enzyme, and nutrient factors in the germination of sugar beet seed, with particular reference to the accomplishment of accelerated and vigorous sprouting	. \$1,700
Midwest Barley Improvement Association of Milwaukee, to be used in the Farm Crops Department in trials of barley varieties and effect of fertilizer upon the yields and malting qualities of these varieties	\$400
International Minerals and Chemical Corporation of Chicago, to be used in the Horticulture Department in a study of the selective absorption of potassium, calcium, magnesium and sodium by the important vegetable crops.	. \$2,400
J. I. Case Company of Racine, Wisconsin, to be used in the Agricultural Engineering Department in a continuation of the project on baled hay	. \$3,700
State Department, to be used for the German Police Officers training program.	.\$26,250
Alumni, to be added to the A. K. Chittenden Student Loan Fund.	\$60
Parke Davis and Company of Detroit, to be used in the Chemistry Department in a research program on polycyclic nitrogen compounds.	. \$1,500
Specialty Brass Company of Kenosha, Wisconsin, to be used in Agricultural Engineering for classroom display and instruction	. \$350
Ruth McCarthy, of the St. Lawrence Hospital in Lansing, to be used to purchase toys for the Spartan Nursery School.	\$5
Mrs. Thomas H. Osgood, of East Lansing, to be used to purchase equipment for the Spartan Nursery School	\$10
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Bureau of Agricultural and Industrial Chemistry to be used in research in the processing of red cherries \$4,744
Bureau of Agricultural and Industrial Chemistry to be used in research in the processing of freestone peaches \$4,732
Research Corporation of New York City to be used in the Chemistry Department in a study of the rates of reactions of certain substituted phenols both in ionized and inert solvents, and to determine dipole moments, ionization constants, etc., of the compounds prepared
Roses, Inc., to be used in the Horticulture Department for the purpose of paying part of the cost of light intensity recorders
Roses, Inc., to be used in a research problem having to do with an investigation of the influence of light and light intensities on greenhouse roses
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U. S. Department of Interior to be used in a study of administration in the Bureau of Indian Affairs, especially as regards the employment of Indians
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Mr. & Mrs. Jack Dunlap for use of children's toys at the Spartan Nursery School
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The Caulkins Foundation of Detroit, to be used for a continuation of scholarship aid to worthy students in the School of Agriculture, particularly in Short Courses
Kent County Vining Scholarship Fund Subscribers, to be used in the Short Course Department for scholarship aid for one boy and one girl each year
Perry Greely Holden, Class of 1889, a gift of the Perry Greely Holden Collection to be used in the College Library
Spartan Nursery Mothers of East Lansing, to be used at the Spartan Nursery School
Michigan Farm Bureau Women of Lansing, to be used as a scholarship grant to a woman student during the summer quarter 1950
J. D. Runkle-Crowley, Milner & Company of Detroit, to be used for scholarships to participants in the Workshop in Economic Education
The Kroger Company of Cincinnati, Ohio, to be used for the continuation of three scholarships in the School of Agriculture and three scholarships in the School of Home Economics at \$200 each
S. S. Kresge Company of Detroit, to be used for financing scholarships to participants in the Workshop on Economic Education in the summer of 1950.

Gifts

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Kent County Vining Scholarship Fund Subscribers, to be used in the Short Course Department for scholarship aid for one boy and one girl each year
Perry Greely Holden, Class of 1889, a gift of the Perry Greely Holden Collection to be used in the College Library
Spartan Nursery Mothers of East Lansing, to be used at the Spartan Nursery School
Michigan Farm Bureau Women of Lansing, to be used as a scholarship grant to a woman student during the summer quarter 1950
J. D. Runkle-Crowley, Milner & Company of Detroit, to be used for scholarships to participants in the Workshop in Economic Education
The Kroger Company of Cincinnati, Ohio, to be used for the continuation of three scholarships in the School of Agriculture and three scholarships in the School of Home Economics at \$200 each
S. S. Kresge Company of Detroit, to be used for financing scholarships to participants in the Workshop on Economic Education in the summer of 1950.

Workshop on Economic Education in the summer of 1950
The Murray Corporation of America of Detroit, to be used for financing scholarships to participants in the Workshop on Economic Education in the summer of 1950
The Detroit Edison Company of Detroit, to be used for financing scholarships to participants in the Work shop on Economic Education in the summer of 1950
Estate of LaVerne Noyes, to be used for LaVerne Noyes Scholarships
Foundry Educational Foundation of Cleveland, Ohio, to be used for scholarships for students primarily in the School of Engineering
The Sears-Roebuck Foundation of Chicago, to be used for a continuation of scholarships in the School of Agriculture and Short Courses
Fred Russ of Cassopolis, a gift of 100 shares of Associates Investment Company stock to be added to the Russ Forest Trust fund
Sears-Roebuck Foundation of Chicago, to be used for scholarships for freshmen girls in Home Economics \$600
Saks Fifth Avenue of Detroit to be used for the Economic Workshop Scholarship Fund
Michigan Home Demonstration Council, to be used for two scholarships of \$150 each for freshman students \$300
George W. Mead of Wisconsin Rapids, Wisconsin, to be used to pay for a scholarship for a student from Wisconsin Rapids
Contributions to the Michigan State College Memorial Center Fund from March 1 to July 31, 1950
Girl Reserves of Hinsdale Township High School, Hinsdale, Illinois, to provide a scholarship for Joan McCoy, to be used for tuition, room or board, or books
Albion Scholarship Committee, Albion, Michigan, to be used to pay for the 1950-51 tuition of Vivian Hunter \$141
Michigan National Bank, a set of one of the first editions of "Great Books of the Western World", valued in excess of \$500
Michigan Veterinary Auxiliary of Warsaw, Indiana, to be used in purchasing books for the Surgery and Medicine reading room in the Veterinary Hospital
J. L. Hudson Company of Detroit, to be used in the School of Business and Public Service to finance scholarships to participants in the Workshop on Economic Education
A. F. Bliese & Son of Bedford Gardens, Battle Creek, to be used in the landscaping of the garden near Fairchild Theater
James F. Lincoln Arc Welding Foundation of Cleveland, Ohio, to be used in the Agricultural Engineering Department for a scholarship to be known as "The Harry Webb Scholarship of the Lincoln Foundation" \$250
O. W. Mourer, of the Mourer Insurance Agency of Lansing, to be deposited in the Discretionary Gifts Fund \$2,000
Augustus Busch, Jr. of Anheuser-Busch, Inc. of St. Louis, Missouri, to be used for three \$500 scholarships to be called the Augustus Busch, Jr. Scholarships. The scholarships will be recommended by Leslie Scott to sophomore, junior, or senior men or women students in Hotel or Restaurant Management, and will be awarded on the basis of academic standing, an indicated interest in this field by basis of previous employment, and financial need
Newspaper Distributor's Association of Chicago, to be used for a scholarship for James C. Spelman, a student who is enrolled as a freshman
J. W. Knapp Company Charitable Trust of Lansing, to be used for two scholarships for students in the Retail Merchandising curriculum
Apex Processors, Inc. of Greenville, Michigan, to be used for a scholarship for a student from Greenville for the fall and winter short courses, 1950-51
Supreme Chapter, P.E.O. Sisterhood of Portland, Oregon, to be used for paying living expenses for a student from Denmark
Kiwanis Club of Battle Creek, to be used for expenses for a student now enrolled
International Silver Company of Meriden, Connecticut, to be used in the Department of Dormitories and Food Services to be applied as a credit against the order which has been placed with this firm
Louis Rastetter & Sons Company of Fort Wayne, Indiana, 25 chairs for the furnishing of a private dining room at the W. K. Kellogg Center on the basis of their interest in the work in Hotel Management
Ruth M. More, for services rendered E. B. More at the Olin Memorial Health Center
Spartan Nursery Mothers of East Lansing, to be used at the Spartan Nursery School
Contributions to the Michigan State College Memorial Center Fund for the period from August 1 to October 31,

students
Spartan Nursery Mothers of East Lansing, to be used in the Spartan Nursery School
R. L. Olmstead of Jackson, Michigan, to be added to the A. K. Chittenden Loan Fund
Estate of LaVerne Noyes, to be used for LaVerne Noyes scholarships in accordance with our agreement \$1,249.20
Gifts to the Museum
Heinel Motors, Inc. of Philadelphia, Pennsylvania, to be added to the Forest H. Akers Scholarship Trust Fund \$100
Michigan Farm Equipment Association of Grand Rapids, to be used for a scholarship for a student from Portland, Michigan, who is enrolled in college
Michigan Farm Bureau of Lansing, to be used for scholarship grants to deserving foreign women students \$300
Dean and Mrs. C. S. Bryan, to be used for the 1951 Dean of Veterinary Medicine Award in Medical Technology \$25
City Panhellenic of Greater Lansing, to be used for deserving women for room rent, books, board and other small necessities
Child Study Club of Hastings, Michigan, to be used at the Spartan Nursery School
J. L. Hudson Company of Detroit, to be used eventually for the purpose of constructing the International Center \$1,000
Henry L. and Grace Doherty Charitable Foundation, Inc., of New York City, to be used for a scholarship for a student during the winter and spring terms 1951
Ralph Calder, Mr. Snyder & McLean, and Mr. Ray Covey, covering services in connection with the President's House
E. A. Cowgill of Detroit, gift of x-ray equipment to be used in Surgery and Medicine
J. G. France, of Vista, California, to be credited to the Harry J. Eustace Lecture fund in the Horticulture Department
Michigan State Fire Chiefs Association, Trenton, to be used in Continuing Education for a cooperative institute for training of fire department inspectors
Southeastern Michigan Fire Chiefs Association, Roseville, to be used in Continuing Education for a cooperative institute for training of fire department inspectors
Michigan State Fire Fighters Association, Detroit, to be used in Continuing Education for a cooperative institute for training of fire department inspectors
Michigan State Firemen's Association, Port Huron, to be used in Continuing Education for a cooperative institute for training of fire department inspectors
Western Michigan Fire Chiefs Association, Muskegon, to be used in Continuing Education for a cooperative institute for training of fire department inspectors
Chi Omega Alumnae of Lansing, to be used for the Elva Crawford Clark Chi Omega Alumnae Award to be presented to an outstanding senior woman majoring in science, preferably in chemistry
Friends of George E. Julian, to be used to establish an award to be known as the George E. Julian Memorial Award. The income is to be used for an award each year to the male student who at the end of his junior year has been most outstanding in athletics and scholarship
Greenfield-Mills Restaurant Company of Detroit, to be credited to the Fred A. Simonsen Scholarship fund. Mr. Simonsen is particularly interested in students majoring in the restaurant field
Horwath and Horwath of Chicago, \$100 to be used for a scholarship and \$100 to be added to the principal sum \$200
Spartan Nursery Mothers, to be used at the Spartan Nursery School
Spartan Wives Club, to be used for the Spartan Nursery School
Norton W. Nogge of Los Angeles, to be credited to the Harry J. Eustace Lecture Fund
Reniger Construction Company
Estate of LaVerne Noyes, to be used for LaVerne Noyes scholarships
H. A. Fee, one share of the Independent Telephone Company of Tipton
Zonta Club of Lansing, to be awarded to the junior student in Home Economics who has attained the highest standing among those girls earning their own maintenance
The J. L. Hudson Company, Detroit, to finance scholarships to participants in the Workshop in Economic Education
The Detroit Edison Company, Detroit, to finance scholarships to participants in the Workshop in Economic Education

S. S. Kresge Company, Detroit, to finance scholarships to participants in the Workshop in Economic Education \$200
Michigan Consolidated Gas Company, Detroit, to finance scholarships to participants in the Workshop in Economic Education
Contributions to the Memorial Center Fund from November 1, 1950 to March 31, 1951
Will of Arcola McLean Rowan, to be used as a loan fund to students, preferably those who reside in Ottawa County, Michigan
Michigan Department of Public Instruction, to be used in Social Research Service in studies of the Grand Traverse Area Community School Service Program
National Cancer Institute, to be used in the Bacteriology Department in seriological studies of avian lymphomatosis and related manifestations
U. S. Department of State, to be used in Police Administration to continue the program in the training of German police officers at Michigan State College
Merck and Company, Inc. of Rahway, New Jersey, to be used in Poultry Husbandry Department in studies on the mechanism of the growth stimulation resulting from feeding antibiotics to chicks
Michigan State Florists Association, to be used for the purchase of greenhouse materials and small tools \$103.5
General Chemical Division of the Allied Chemical Corporation of New York City, to be used in the Entomology Department in a continuation of studies of the insecticidal value of certain chemicals
Parke, Davis and Company of Detroit, to be used in the Chemistry Department to continue the studies of vitamin analyses by instrumental methods
Wyeth, Inc. of Mason, Michigan, to be used in the Bacteriology and Public Health Department in a study of an organism found to be resistant to heat
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in the Agricultural Engineering Department in a study of the experimental washing of sugar beets prior to storing
Coke Oven Ammonia Research Bureau, Inc., of Columbus, Ohio, to be used in the Horticulture Department to study the inter-relationships between relatively heavy applications of high nitrogen-complete fertilizers and soil moisture with fruit crops
Crop Protection Institute of Washington, D. C., to be used in the Botany Department for field tests of a fungicide \$200
A. M. Todd Company of Kalamazoo, to be used in the Botany Department in the development of disease resistant varieties of peppermint and spearmint, and also the study of fungi attacking mint
Union Carbide and Carbon Corporation and Subsidiaries of New York City, to be used in the Botany Department on tomato fungicidal tests
Federal Extension Service of Washington, D. C., to be used in the Extension Service Department in a study of the characteristics of effective extension workers
Michigan Hothouse Growers Association for the continuance of a graduate research assistantship in the Department of Horticulture
American Dairy Association of Chicago, to be used in the Dairy Department in a study of the nutritive values of crops and cows' milk as affected by soil fertility
American Electroplaters' Society of Jenkintown, Pennsylvania, to be used in the Chemistry Department to study the effects of small amounts of impurities during the electrical disposition of metals
Beech-Nut Packing Company of Canajoharie, New York, to be used in the Botany Department in the development of weed control methods in mint by the use of such herbicides as appear to be suitable in this crop
Michigan Canners' Association of Grand Rapids, to be used in the Engineering Experiment Station in a project concerned with the separation, identification, and small scale production of the several valuable component materials in cherry pits
Ferro Enamel Corporation of Cleveland, Ohio, to be used in the Botany Department in an investigation of the absorption of nutrients by plants and the effect of these nutrients on the metabolism and behavior of the plants \$500
Babson Brothers Company of Chicago, to be used in the Bacteriology Department in a study of the behavior of quanternary ammonium compounds in milk and in various types of water as measured by bacteriostatic and bactericidal action
Eli Lilly and Company of Indianapolis, Indiana, to be used in Biological Science in a study of the production and storage of ergot spores
Bureau of Ordinance of the U.S. Navy of Los Angeles, to be used in the Chemistry Department in research on the preparation of salts of di-and triaminoguanidine and services for research related to the preparation of salts to di-and triaminoguanidine and an investigation of their properties
Evergreen Farms, Inc. of Raymondville, Texas, to be used in the Botany Department in a study of the nutritional factors effecting the growth and nutrition value of grass and other pasture plants.

Michigan Certified Hybrid Seed Corn Producers Association of East Lansing, to be used in Farm Crops Department in carrying on the development and testing of new corn hybrids
Society of American Florists and Ornamental Horticulturists of Chicago, Illinois, to be used in the Horticulture Department in research on marketing of floricultural crops, including those phases having to do with the wholesale and retail marketing and with promotion of flower sales for every day use in the home; also to study the effect of light intensity on growth and flowering of the chrysanthemum
National Dairy Council of Chicago, to be used in Foods and Nutrition Department in a study of the nutritional status of women
Aeration Processes, Inc. of Columbus, Ohio, to be used in Bacteriology in a study to determine whether pathogenic bacteria increase, decrease, or remain stable in whipped cream topping
American Electroaire Corporation of Long Island City, Michigan, to be used in Agricultural Engineering in a study of the Electroaire Ozone machine for treating various agricultural products for the purpose of dehydration, rodent control, and mold control
Research Corporation of New York City, to be used in the School of Graduate Studies in a continuation of the project investigating the ionization of electrons in gases
Hotpoint, Inc. of Chicago, to be used in Bacteriology Department in a project on home dishwashing in the community
Anti-Defamation League of B'nai B'rith of New York City, to be used in Social Research Service in a continuation of certain phases of the study of minority groups in rural population
United Community Chest Fund of Lansing, to be used in Social Service to support a graduate fellowship in Social Service
Michigan Rural Rehabilitation Corporation of the U. S. Department of Agriculture of East Lansing, to be used in the Social Research Service to complete a study of families in Hillsdale County that have received assistance from the Farm Security Administration
Scott Viner Company of Columbus, Ohio, to be used in Agricultural Engineering in making a survey of different methods used by mechanical harvesters and their harvesting efficiency in tons per acre
Scott Viner Company of Columbus, Ohio, to be used in Agricultural Engineering in making a study of methods of removing dirt and foreign matter from sugar beets at the harvester
R. T. Vanderbilt Co., Inc. of New York City, to be used in Botany and Plant Pathology for research on vegetable seed treatment with special reference to Vancide 51
National Sanitation Foundation, School of Public Health, Ann Arbor, to be used in Bacteriology and Public Health in his study of sanitation in design of mechanical dishwashing machines
Harper Hospital of Detroit, to be used in Chemistry in research on problems of significance in medicine directed to the discovery of new methods applicable to diagnosis and treatment
National Dairy Council of Chicago, to be used in Foods and Nutrition in the development of the project on the nutritional status of women
Michigan State Florists Association of East Lansing, to be used in Horticulture for the purchase of supplies and tools for operation of the greenhouse
Hanson Van Winkle Munning Company of Matawan, New Jersey, to be used in Chemistry in studies on general electro plating
Michigan Milk Producers Association of Detroit, to be used in Agricultural Economics in a dairy cost study \$1,000
Starline Incorporated of Harvard, Illinois, to be used in Agricultural Engineering to help defray expenses in connection with the Agricultural Engineering Farmers' Week Exhibit on pen barns
Tennessee Corporation of College Park, Georgia, to be used in the Botany Department in a study of the effect- iveness of copper fungicides in controlling plant diseases
Lederle Laboratories Division of the American Cyanamid Company of Pearl River, New York, to be used in Bacteriology in a study of the Relationship of nutrition to parasitic infections
National Institute of Mental Health of the U. S. Public Health Service of Washington, D. C., to be used in the Social Research Service for a study of the strengths in mental health
Michigan State Florists Association of East Lansing, to be used in Horticulture for the part purchase of a light intensity recorder
Dow Chemical Company, to be used in the Engineering Experiment Station to study the effect of the addition of various amounts of Peladow and Dowflake calcium chloride on the compressive strength of concrete, the setting time of standard mortar, and the workability of concrete
U. S. Atomic Energy Commission, to be used in the Chemistry Department for basic research on interhalogen compounds
Army Chemical Corps, Camp Detrick, Frederick, Maryland, to be used in Bacteriology in a study of the modification of viruses causing hog cholera and other diseases of animals

Research Corporation of New York City, to be used in Chemistry for the purchase of equipment in a project concerned with a study on rare earth salts
National Safety Council of Chicago, to be used in Police Administration in the study on the comparability and reliability of chemical tests for intoxication
Michigan Milk Producers Association of Detroit, to be used in Agricultural Engineering in connection with the pen barn exhibit during Farmers' Week
Klenzade Products of Beloit, Wisconsin, to be used in Agricultural Engineering in connection with the pen barn exhibit during Farmers' week
Michigan Heart Association of Detroit, to be used in Home Management and Child Development in a program on occupational cardiology
American Cyanamid Company of New York City, to be used in the Entomology Department in a study of the applications of insecticides to the control of various insect pests
Michigan Bean Council of Growers and Shippers of Saginaw, to be used in Farm Crops in a dry edible bean research program in variety improvement
National Vitamin Foundation, Inc., to be used in the Department of Agricultural Chemistry for a study of the effects of low intakes of nicotinic acid, pantothenic acid and riboflavin during pregnancy on the health and livability of the newborn pig
Swift and Company, to be used on a project which deals with the histology of the fowl
American Potash Institute, Inc., to be used in the Department of Horticulture on the influence of the kind of vegetable on the absorption of various nutrient elements
Michigan Committee on Rural Electrification, to be used in Agricultural Engineering in connection with the pen barn exhibit during Farmers' Week
State Association of Mutual Insurance Companies of Michigan, to be used in Agricultural Engineering in connection with the pen barn exhibit during Farmers' Week
Division of Field Studies and Training of the Federal Extension Service in Washington, to be used in the Agricultural Extension Service in a study of the characteristics of effective extension workers
Paul Mellon of Upperville, Virginia, to be used in the Botany Department in a study of the nutrition and composition of pasture herbage
Michigan Certified Hybrid Seed Corn Producers Association, to be used in Farm Crops for carrying on the development and testing of new corn hybrids
Health Information Foundation of New York City, to be used in Sociology and Anthropology in a study of the social processes which occur in a community when it defines its health problems, discovers facts in relation to these problems, makes decision for action, and carries out the proposed action
Michigan State Poultry Improvement Association of East Lansing, to be used in Information Services to help de- fray cost of publication of a bulletin on the Animal Industries Building
International Minerals and Chemical Corporation of Chicago, to be used in the Horticulture Department in a study to determine the inherent ability of vegetable crops to accumulate calcium, potassium, magnesium, and sodium, and the interactive influence of accumulation on plant growth
Guggenheim Brothers of New York City, to be used in the Engineering Experiment Station to continue a biochemical process
Ferro Enamel Corporation of Cleveland, Ohio, to be used in Botany in an investigation of the absorption of nutrients by plants and the effect of these nutrients on the metabolism and behavior of the plants
A. M. Todd Company of Kalamazoo, to be used in Botany for a continuation of the mint research project started in 1946
American Cancer Society of New York City, to be used in Horticulture in a search for plant constituents inhibiting the growth of transplanted tumors
American Cancer Society of New York City, to be used in Physiology and Pharmacology in a study of the effect of lactogenic hormone on enzyme activity and the uptake of radioactive isotopes by mammary tissue \$5,600
Merck & Company, Inc., of Rahway, New Jersey, to be used in Agricultural Chemistry in a study of various B vitamin deficiencies on the health of newborn pigs
A.S.A.E. Committee of the Detroit Board of Commerce of Detroit, to be used in Agricultural Engineering to support research work and increase the interest in the general field of agricultural engineering \$2,576.24
Pittsburgh Plate Glass Company of Pittsburgh, to be used in Horticulture to develop work with 3-chloro IPC and to explore its effects on various crops to test its residual properties in different soils
L. Russell Kelce of Kansas City, Missouri, to be used in Botany to study the factors affecting the establishment and nutritional quality of pasture herbage
American Dehydrators Association of Chicago, to be used in Botany in an investigation of the factors influencing the survival of alfalfa, and also a study of the laboratory procedures for determining available phosphorus in alkaline soils.

Red Star Yeast & Products Company of Milwaukee, Wisconsin, to be used in Chemistry to analyze samples of dry yeast, beer, and wash water for radioactivity to ascertain whether or not the radio-carbon used as a tracer has been metabolized or whether it remains in the original compound
Fertilizer Industry Committee of Baltimore, Maryland, to be used in Soil Science in a project involving a comparison of crop response to granular and non-granular fertilizers
Department of the Navy, to be used in Geology and Geography in a study of the geography of the Turrialba area, Costa Rica
R. T. Vanderbilt Company of New York City, to be used in Horticulture to test plant growth regulating qualities of tetronic acid derivatives
A. E. Staley Manufacturing Company of Decatur, Illinois, to be used in Bacteriology in a study of the use of "Sweetose" in the manufacture of pickles and pickle products
Michigan Milk Producers Association of Detroit, to be used in Agricultural Economics in a study of dairy costs and returns in the Detroit milk shed
Atomic Energy Commission, to be used in Chemistry in a study of the role of transmethylation in the formation of plant products
Western Michigan Electric Cooperative, Scottville, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Top O'Michigan Rural Electric Cooperative, Boyne City, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Fruit Belt Electric Cooperative, Cassopolis, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Thumb Electric Cooperative, Ubly, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Presque Isle Company, Onaway, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Alger-Delta Electric Cooperative, Gladstone, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Tri-County Electric Cooperative, Portland, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Cherryland Electric Cooperative, Traverse City, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
O & A Electric Cooperative, Newaygo, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
The Consumers Power Company, Jackson, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
Oceana Electric Cooperative, Hart, to be used in Agricultural Engineering to finance the radio program, "Electricity at Work for You"
U.S. Atomic Energy Commission, to be used in Horticulture in research on the absorption and utilization of radionuclides applied to the leaves of plants
International Mineral and Chemical Corporation of Chicago, to be used in Horticulture in a study of the absorption and utilization of various nutrients at critical stages of growth on anatomical characteristics, yield and quality of the onion
Tennessee Corporation of College Park, Georgia, to be used in Botany in a study of the effectiveness of copper fungicides in controlling plant diseases, particularly those of celery, potatoes, and tomatoes
Kellogg Company of Battle Creek, to be used in Anatomy in a study of some gross anatomical aspects of the anatomy of the chinchilla to be published as an article
Dow Chemical Company of Midland, to be used in the Horticulture Department in a study of the herbicidal action of Sodium Trichloroacetate and its effect on respiration in plant tissues
Middle West Soil Improvement Committee of Chicago, to be used in Soil Science in a study of the role of fertilizers in the establishment and maintenance of legumes and legume-grass mixtures for hay and pasture \$6,000
Wildlife Management Institute of Washington, D.C., to be used in Fisheries and Wildlife to continue a study of the nesting wild ducks of Michigan
Midwest Barley Improvement Association of Milwaukee, to be used in Farm Crops and Soil Science in testing barley varieties in the Thumb area and the effect of different fertilizers upon the yield and malting quality of these varieties
Michigan Certified Hybrid Seed Corn Producers of East Lansing, to be used in Farm Crops in carrying on the development and testing of new corn hybrids
Shell Chemical Company of Denver, Colorado, to be used in Entomology in a determination of insecticidal properties of Dieldrin and Aldrin, 269, and other related compounds

Agricultural Research Administration, to be used in Poultry Husbandry for testing various food products \$6,300
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Agricultural Engineering in a continuation of studies on sugar beet mechanization
J. I. Case Company of Racine, Wisconsin, to be used in Agricultural Engineering in a continuation of studies on the processing of baled hay
Farmers and Manufacturers Beet Sugar Association of Saginaw, to be used in Farm Crops to assist in the sugar beet breeding project which includes the development of new hybrids testing and seed production
Michigan Fur Breeders Association of Milford, to be used in Poultry Husbandry to support a mink feeding project under way
The Huron Milling Company of Harbor Beach, to be used in Foods and Nutrition in a study of the use of monosodium glutamate in commercial meat preparations
Michigan State Florists Association of East Lansing, to be used in Horticulture to purchase materials and equipment for time and motion studies
Michigan Milk Producers Association of Detroit, to be used in Agricultural Economics in a study of the dairy costs and returns in the Detroit milk shed
American Dairy Association of Michigan, Inc., of Lansing, to be used at Station WKAR to defray costs of broad- casting out-of-town athletic events
Owens-Illinois Glass Company of Toledo, Ohio, to be used in Physics and Astronomy to sponsor research on measurements of elastic constants of glass and glass surfaces by ultrasonic methods
Board of Education of Kalamazoo, to be used to apply on the tuition of a student who is enrolled in college \$47

Visitors are Welcome

COLLEGE MUSEUM

The College Museum, in the Auditorium Building, will be open to visitors this afternoon from 1:00 to 6:00. Attention of the public is called especially to the exhibits of Michigan fishes, deer, and beaver in their natural surroundings; Bolivian mummy; an alcove of colorful insects; a panorama of the glacial evolution of Michigan; the Family Tree of Man; and "Weapons of War" from the crossbow of 1500 A.D. to the bazooka and grease gun of World War II.

Articles of early Michigan are being collected for the planned Agricultural Museum--anything that was used in the farm home or on the farm will be accepted. Contact the Museum in person or by letter.

ART EXHIBITIONS

An exhibition of work by students in the Department of Art is on display in the Art Room, on third floor of the Student Union from 8 A.M. to 9 P.M. The examples constitute a selection of the best work done during the past year in ceramics, sculpture, drawing, painting, design, industrial design and print making. Visitors are cordially welcomed. There is no charge.

WKAR AND WKAR-FM, COLLEGE' RADIO STATIONS

WKAR and WKAR-FM, the College Radio Stations, with studios above the main entrance to the auditorium, are open all day to visitors.

BEAL GARFIELD BOTANIC GARDEN

In the Beal Garfield Botanic Garden are between two and three thousand botanical plants. The Garden is open to visitors any time.

THE FREDERICK COWLES JENISON GYMNASIUM AND FIELDHOUSE

The Frederick Cowles Jenison Gymnasium and Fieldhouse is one of the largest and best equipped buildings for physical education and athletics in the nation. It houses the Department of Physical Education for men and provides facilities for intramural and collegiate sports. The building will be open all day to visitors.

HORTICULTURAL GARDENS

The Horticultural Gardens, east of the Horticulture Building and the greenhouses, will be open all day to visitors.

THE COLLEGE FARMS

The College Farms are located on the south side of the Red Cedar River. By driving south on Farm Lane, the road running north and south past the College Auditorium, many of the farm buildings can be seen. Attention of the visitors is called especially to the College Dairy Barn, the Beef Cattle Barn, the Pavilion, the new Agricultural Engineering Building, the new Research Greenhouses, and the College Poultry unit.

MICHIGAN STATE COLLEGE BUILDING PROGRAM

An extensive post-war building program which is now nearing completion may be viewed by a drive around the modern and beautiful campus. Approximately 40 per cent of the cost for the physical expansion was secured through legislative appropriation and the remainder through selfliquidating loans withoug public expense. Buildings completed which have been financed on a self-liquidating basis are: Landon, Yakeley and Gilchrist Halls for women; Snyder-Phillips and Shaw Halls for men; food storage building; 11 apartment buildings for married students and faculty; and additions to Macklin Field stadium and the Student Union Building. Buildings completed which have been financed by state appropriation are: Berkey Hall, Natural Science, Physics and Mathematics, Home Management, Agricultural Engineering, Electrical Engineering, Plant Science Greenhouses on Farm Lane, and a steam generating plant. Under construction on state funds is Giltner Hall for veterinary medicine on East Circle Drive. Alumni Memorial Chapel and the Kellogg Center for Continuing Education are under construction on gift funds.

