

MINUTES OF THE MEETING
of the
MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
May 25-26, 1978

President Harden called the meeting to order in the Board Room in the Administration Building at 2:46 p.m., May 25.

Present: Trustees Bruff, Martin, Radcliffe, Stack, and Stevens; President Harden, Provost Winder, Executive Vice President Breslin, Vice Presidents Cantlon, Carr, Nonnamaker, Perrin, Scott, and Wilkinson, Secretary Ballard; Faculty Liaison Group, Student Liaison Group.

Absent: Trustees Carrigan-Strickland, Krolikowski, and Smydra.

1. Approval of Proposed Agenda

Motion was made by Trustee Radcliffe, seconded by Trustee Stack, to approve the agenda. Unanimously carried.

2. Approval of April 27-28, 1978 Minutes

On motion by Trustee Stack, seconded by Trustee Radcliffe, it was unanimously voted to approve the April 27-28, 1978 Minutes.

Recessed at 2:50 p.m.

During the recess there was a joint meeting of the Audit and Health Programs Committees, another meeting of the Audit Committee, and a meeting of the Investment Committee.

Following dinner, the Board was privileged to participate in ceremonies in which the 1978 Daniel Rosenthal Legislative Aide Awards were presented to MSU student volunteers.

Daniel Rosenthal
Legislative Aide
Awards

Reconvened at 7:40 p.m. in 103 A and B, Kellogg Center.

The Board received presentations by members of the public on six topics at the evening Public Comments session.

Recessed at 8:45 p.m.

The meeting reconvened at 9:36 a.m., May 26, in the Board Room in the Administration Building.

Present: Trustees Bruff, Carrigan-Strickland, Krolikowski, Martin, Radcliffe, Smydra, Stack, and Stevens, Executive Advisory Council, Faculty and Student Liaison Groups.

Absent: No one.

A. PERSONNEL CHANGES

Personnel
Changes

Resignations and Terminations

Resignations and
Terminations

1. Leo G. Erickson, Professor, Marketing and Transportation Administration, effective August 31, 1978.
2. Reed Moyer, Professor, Marketing and Transportation Administration, effective August 31, 1978.
3. James F. Scotton, Associate Professor, Journalism, effective August 31, 1978.
4. Maryellen McSweeney, Professor, Counseling, Personnel Services, and Educational Psychology, effective June 30, 1978.
5. William S. Hull, Assistant Professor, Engineering Instructional Services, effective August 31, 1978.
6. June G. Goodfield, Professor, Dean's Office, College of Human Medicine, and Philosophy, effective August 31, 1978.
7. Stephen J. Hill, Associate Professor, Astronomy and Astrophysics, effective August 31, 1978.
8. Judith E. Brown, Assistant Professor, Nursing, effective August 31, 1978.
9. Marilyn J. Giffin, Instructor, Dean's Office, College of Osteopathic Medicine, effective April 30, 1978.
10. James L. Conklin, Professor, Anatomy, effective June 30, 1978.
11. Lawrence E. Jacobson, Professor, Osteopathic Medicine, effective June 30, 1978.
12. Terence Dungworth, Assistant Professor, Criminal Justice, effective August 31, 1978.

Personnel
Changes
Sabbatical
Leaves

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Leaves--Sabbatical

1. Helen Tzitsikas, Professor, Romance and Classical Languages, with full pay, from September 1, 1979 through December 31, 1979, to study in the U.S. and Spain.
2. John E. Jordan, Professor, Counseling, Personnel Services, and Educational Psychology, with full pay, from May 1, 1978 through October 31, 1978, to study and travel in the U.S.
3. John T. Parmeter, Associate Professor, Medical Education Research and Development, with full pay, from August 1, 1978 through January 31, 1979, to study at Massachusetts Institute of Technology.
4. Michael Rubner, Assistant Professor, James Madison College, with full pay, from September 15, 1978 through March 14, 1979, to study in East Lansing.
5. John P. Reid, Assistant Professor, Justin Morrill College, with half pay, from September 1, 1978 through August 31, 1979, to study in the U.S., Canada, possibly Europe.
6. James H. Stapleton, Professor, Statistics and Probability, with half pay, from September 1, 1978 through February 28, 1979, to study and research in the Philippines.
7. Bruce L. Miles, Associate Professor, Dean's Office, College of Osteopathic Medicine and Secondary Education and Curriculum, with full pay, from June 21, 1978 through December 21, 1978, to study at MSU and travel in the U.S.
8. Philip E. Greenman, Professor, Biomechanics, and Associate Dean for Academic Affairs, College of Osteopathic Medicine, with full pay, from October 1, 1978 through March 31, 1979, to study in Arizona.
9. Lauren J. Harris, Professor, Psychology, with half pay, from September 1, 1978 through August 31, 1979, to study in the U.S. and England.
10. Barrie Thorne, Associate Professor, Sociology, with half pay, from January 1, 1979 through June 30, 1979, to study at Stanford University.
11. J. Morgan Sweeney, Assistant Professor, Humanities, with full pay, from April 1, 1979 through June 30, 1979, to conduct research in Michigan, California, England, and Ireland.
12. Jane K. Vieth, Assistant Professor, Humanities, with full pay, from April 1, 1979 through June 30, 1979, to study in the U.S. and England.

Medical
Leaves

Leaves--Medical

1. M. Richard Zinman, Assistant Professor, James Madison College, with full pay, effective May 1, 1978 through August 31, 1978.

Other Leaves

Leaves--Other

1. Marlene C. Caszatt, Extension Home Economist, Antrim, Kalkaska, and Charlevoix Counties, with full pay, June 19, 1978 through July 28, 1978, to study at MSU.
2. George P. Lyman, Assistant Professor, James Madison College, without pay, January 1, 1979 through August 31, 1979, to serve as visiting professor at Stanford University.
3. Joyce R. Ladenson, Associate Professor, American Thought and Language, without pay, September 1, 1978 through August 31, 1979, to travel to Washington, D.C.
4. Kenneth J. Harrow, Associate Professor, Humanities, without pay, September 1, 1978 through August 31, 1979, to teach at Federal University of Cameroon.

Transfers and
Changes in
Assignment

Transfers and Changes in AssignmentKathryn S.
Eagan

1. Transfer Kathryn S. Eagan, Extension Home Economist, from Alcona County, 50% time at a salary of \$6,200 per year, to Branch County, 100% time at a salary of \$13,000 per year on a 12-month basis, effective June 1, 1978.

Daniel E.
Chappelle

2. Cancellation of sabbatical leave with full pay effective March 20, 1978 through September 15, 1978, for Daniel E. Chappelle, Professor, Resource Development and Forestry.

Dale Bartlett

3. Additional assignment for Dale Bartlett, Associate Professor, Music, as Assistant Chairman, Music, effective July 1, 1978.

Edgar Kirk

4. Additional assignment for Edgar Kirk, Professor, Music, as Assistant Chairman, Music, effective July 1, 1978.

Maris A.
Abolins

5. Change in ending date of leave of absence for Maris A. Abolins, Professor, Physics, from August 31, 1977 to July 31, 1977.

Patricia A.
Werner

6. Change Patricia A. Werner, Assistant Professor, Kellogg Biological Station and Botany and Plant Pathology, from a 10-month basis at a salary of \$16,800 per year to a 12-month basis at a salary of \$21,000 per year, effective September 1, 1978.

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Transfers and Changes in Assignment, cont.

7. Transfer Richard Leavitt, Specialist, from Entomology to the Pesticide Research Center, effective February 1, 1978.
8. Additional assignment for Terrance D. Braden, Assistant Professor, Small Animal Surgery and Medicine, to Biomechanics, effective April 1, 1978.
9. Transfer Dorothy E. Carnegie, Professor, from the Department of Osteopathic Medicine to the Department of Community Health Science, effective April 1, 1978.
10. Change William F. Riley from Professor and Chairman, Large Animal Surgery and Medicine, at a salary of \$36,600 per year, to Professor, Large Animal Surgery and Medicine, at a salary of \$35,100 per year on a 12-month basis, effective June 1, 1978.
11. Change dates of leave of absence for James R. Nord, Associate Professor, Learning and Evaluation Service and Secondary Education and Curriculum, from September 1, 1978 through August 31, 1979, to July 1, 1979 through June 30, 1980.

Promotions

1. Change Arthur M. Melzer from Instructor to Assistant Professor, Political Science, effective July 1, 1978.
2. Change Allen W. Batteau, from Instructor to Assistant Professor, Social Science, effective July 1, 1978.

Salary Changes

1. Increase in salary for Sue Ann Charron, Assistant Professor, Nursing, to \$13,500 per year on a 10-month basis, effective April 1, 1978.
2. Increase in salary for John W. Judy, Professor and Associate Dean, College of Veterinary Medicine and Continuing Education, to \$44,000 per year on a 12-month basis, effective May 1, 1978.
3. Increase in salary for Jeffrey F. Williams, Professor, Microbiology and Public Health, and Assistant Dean for Graduate Study and Research, College of Veterinary Medicine, to \$34,985 per year on a 12-month basis, effective May 1, 1978.
4. Increase in salary for George Dyer, Assistant Football Coach, Intercollegiate Athletics, to \$28,000 per year on a 12-month basis, effective April 1, 1978 through January 14, 1979; subject to contract.

Appointments

1. Kathleen J. Majewski, Extension Home Economist, Kent County, subject to Cooperative Extension Service continuing employment system, at a salary of \$15,600 per year on a 12-month basis, effective May 1, 1978.
2. Van V. Varner, Extension Agricultural Agent, Huron County, subject to Cooperative Extension Service continuing employment system, at a salary of \$15,000 per year on a 12-month basis, effective June 19, 1978.
3. John C. Waller, Assistant Professor, Animal Husbandry, in the tenure system, at a salary of \$20,000 per year on a 12-month basis, effective June 26, 1978.
4. David W. Robinson, Jr., Associate Professor, History and African Studies Center, in the tenure system, at a salary of \$20,000 per year on a 10-month basis, effective September 1, 1978.
5. William S. Hull, Specialist, Metallurgy, Mechanics, and Materials Science, in the job security system, at a salary of \$16,050 per year on a 10-month basis, effective September 1, 1978.
6. Robert W. Rosenbaum, Assistant Professor, Medicine, in the tenure system, at a salary of \$35,000 per year on a 12-month basis, effective June 1, 1978.
7. L. Patrick Hart, Assistant Professor, Botany and Plant Pathology, in the tenure system, at a salary of \$19,500 per year on a 12-month basis, effective April 1, 1978.
8. Daniel H. Luecking, Assistant Professor, Mathematics, in the tenure system, at a salary of \$16,000 per year on a 10-month basis, effective September 1, 1978.
9. Patricia A. Werner, Assistant Professor, Kellogg Biological Station and Botany and Plant Pathology, in the tenure system, at a salary of \$16,800 per year on a 10-month basis, effective May 1, 1978.
10. John R. Bell, Associate Professor, Family Medicine, in the tenure system, at a salary of \$38,000 per year on a 12-month basis, effective April 1, 1978.

Personnel
ChangesTransfers and
Changes in
Assignment

Richard Leavitt

Terrance D.
BradenDorothy E.
CarnegieWilliam F.
Riley

James R. Nord

Promotions

Salary Changes

Appointments

Personnel
Changes
Appointments

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Appointments, cont.

11. Robert H. Dorff, Assistant Professor, Political Science, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1978.
12. Jack H. Knott, Assistant Professor, Political Science, in the tenure system, at a salary of \$15,500 per year on a 10-month basis, effective September 1, 1978.
13. Lorraine M. Uhlaner, Instructor, Psychology, in the tenure system, at a salary of \$15,000 per year on a 10-month basis, effective January 1, 1979.
14. Roger J. Bresnahan, Assistant Professor, American Thought and Language, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1978.
15. Patrick G. Eaglin, Assistant Professor. American Thought and Language, in the tenure system, at a salary of \$14,000 per year on a 10-month basis, effective September 1, 1978.
16. Edward C. Mather, Professor and Chairman, Large Animal Surgery and Medicine, with tenure, at a salary of \$44,000 per year on a 12-month basis, effective June 1, 1978.
17. Alison K. Hubbard, Specialist, Continuing Education, at a salary of \$14,350 per year on a 12-month basis, effective July 1, 1978 through June 30, 1980.

Academic
Promotions

Academic Promotions

The following promotions are recommended to be effective July 1, 1978:

TO PROFESSORAgriculture and Natural Resources

Stephen B. Harsh
Larry J. Segerlind
David R. Hawkins

James M. Tiedje

Charles W. Laughlin
Harold H. Prince
James R. Kirk
James F. Price
Robert L. Andersen
Larry R. Baker

Agricultural Economics
Agricultural Engineering
Animal Husbandry; Institute of Agricultural
Technology
Crop and Soil Sciences; Microbiology and
Public Health
Entomology; Office of the Dean
Fisheries and Wildlife
Food Science and Human Nutrition
Food Science and Human Nutrition
Horticulture
Horticulture

Arts and Letters

James E. Fagan
Robert G. Wright
Munir Sendich
Alan W. Fisher
Donald N. Lammers
William O. McCagg
Julia S. Falk
Daniel J. Stolper
Joseph I. Donohoe

Art
English; Justin Morrill College
German and Russian
History
History
History
Linguistics and Oriental and African Languages
Music
Romance and Classical Languages

Business

Melvin C. O'Connor
David I. Verway
Harold E. Lane
Byron W. Brown

Accounting and Financial Administration
Business and Economics Research Bureau
Hotel, Restaurant and Institutional Management
Economics

Communication Arts and Sciences

Lawrence E. Sarbaugh

Communication

Education

Howard Hickey
James R. Engelkes
William H. Schmidt
George V. Gore
James Bristor
Herbert W. Olson
Casmer F. Heilman
R. Arden Moon

Administration and Higher Education;
Elementary and Special Education
Counseling, Personnel Services and Educational
Psychology
Counseling, Personnel Services and Educational
Psychology
Elementary and Special Education
Health, Physical Education and Recreation
Health, Physical Education and Recreation
Secondary Education and Curriculum
Teacher Education

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Academic Promotions, cont.TO PROFESSOR, cont.Engineering

Robert F. Blanks

Chemical Engineering; Division of Engineering
Research; Food Science and Human Nutrition
Computer Science

Morteza A. Rahimi

Electrical Engineering and Systems Science

Peter D. Fisher

Mechanical Engineering; Electrical Engineering
and Systems Science

Ronald L. Kerber

Human Ecology

Linda J. Nelson

Family Ecology

Mary E. Zabik

Food Science and Human Nutrition

Human Medicine

Robert Echt

Anatomy

Michael D. Bailie

Human Development; Physiology

Thomas A. Helmrath

Human Development

Margaret Z. Jones

Pathology

Joan C. Mattson

Pathology

Arnold Werner

Psychiatry

Ronald W. Richards

Office of Medical Education Research and
DevelopmentLyman Briggs College

Mimi M. A. Sayed

Natural Science

Charles S. Scarborough

Robert E. Snow

Natural Science

Hans Lillevik

Biochemistry

Eugene LeGoff

Chemistry

Michael W. Rathke

Chemistry

Brian A. Croft

Entomology

Glen D. Anderson

Mathematics

Shui-Nee Chow

Mathematics

Edward C. Ingraham

Mathematics

Chester Tsai

Mathematics

Clifford E. Weil

Mathematics

Jerzy R. Borysowicz

Physics

Dorian Feldman

Statistics and Probability

Osteopathic Medicine

Fred C. Tinning

Office of the Dean; Community Health Science;
Counseling, Personnel Services and
Educational Psychology

James J. Davis

Family Medicine

+Richard E. Griffin

Family Medicine

Nicholas J. Fiel

Family Medicine

Thomas J. Stachnik

Psychiatry

Social Science

Tom W. Carroll

Computer Institute for Social Science
Research; Computer Laboratory

David Rohde

Political Science

Andrew Barclay

Psychology

Ruth S. Hamilton

Sociology; Racial and Ethnic Studies

Thomas L. Conner

Sociology

University College

Reed Baird

American Thought and Language

Kathryn N. Burns

American Thought and Language; Office of the
Dean

Macel Ezell

American Thought and Language

Philip A. Korth

American Thought and Language

Floyd D. Barrows

Humanities

Conrad L. Donakowski

Humanities

William J. Schoenl

Humanities

Alwynelle S. Ahl

Natural Science

Mary M. Zaenglein-Senger

Social Science

+Gains Tenure

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Academic Promotions, cont.TO PROFESSOR, cont.Veterinary MedicineNorman E. Robinson
George E. EysterPhysiology; Large Animal Surgery and Medicine
Small Animal Surgery and Medicine; MedicineLifelong Education ProgramsKenneth VerBurg
Donald L. SmithInstitute for Community Development
Highway Traffic Safety Center; Secondary
Education and CurriculumInternational Studies and Programs

Homer D. Higbee

Office of the Dean

Provost

Thomas M. Freeman

Institutional Research

TO ASSOCIATE PROFESSORAgriculture and Natural ResourcesCollette H. Moser
Thomas R. Pierson
John B. Gerrish

+Lee W. Jacobs
Ivan L. Mao
Roger W. Mellenberger

Donald A. Dunbar

+Steven W. GyszlyAgricultural Economics
Agricultural Economics
Agricultural Engineering; Institute of
Agricultural Technology
Crop and Soil Sciences
Dairy Science
Dairy Science; Institute of Agricultural
Technology
Horticulture; Institute of Agricultural
Technology
PackagingArts and Letters+Ronald B. Kemmitzer
+Nancy Ainsworth
+Larry N. Landrum
+Josef W. Konvitz
Robert Erbes
Mark Johnson
+Marilyn Frye
+Nicholas DeMara
+John Lipski
Jean Nicholas
Leonard J. RahillyArt
English
English
History
Music
Music
Philosophy
Romance and Classical Languages
Romance and Classical Languages
Romance and Classical Languages
Romance and Classical LanguagesBusiness

+Richard R. Simonds

Accounting and Financial Administration

Communication Arts and Sciences+Linda L. Smith
+Cassandra L. BookAudiology and Speech Sciences
CommunicationEducationSheila M. Fitzgerald
+Lonnie D. McIntyre
+John E. LopisElementary and Special Education
Elementary and Special Education
Teacher Education; Secondary Education and
CurriculumEngineering+Mackenzie L. Davis
+Robert E. FalcoCivil and Sanitary Engineering
Mechanical EngineeringHuman EcologyAnne E. Field
+Maurice R. BenninkFamily Ecology
Food Science and Human Nutrition+Gains Tenure

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Academic Promotions, cont.TO ASSOCIATE PROFESSOR, cont.Human Medicine

+Mary L. Brady
 +Eugene A. Dolanski
 +Albert B. Robillard
 +Gilbert H. Mayor
 +William S. Davidson
 +Walter J. Esselman

Community Health Science; Human Development
 Human Development
 Human Development
 Medicine; Surgery
 Psychology
 Surgery; Microbiology and Public Health

James Madison College

George P. Lyman
 John E. Paynter

Lyman Briggs College

David E. Wright

Natural Science

+Ring T. Carde
 +Richard W. Merritt
 +Gary A. Simmons
 +Earl E. Werner
 *+Robert G. H. Robertson
 *+James J. Whitmore
 +Deborah P. Delmer
 +Connie P. Shapiro

Entomology
 Entomology; Kellogg Biological Station
 Entomology; Forestry
 Kellogg Biological Station; Zoology
 Physics
 Physics
 Plant Research Laboratory; Biochemistry
 Statistics and Probability

Osteopathic Medicine

+Estelle J. McGroarty
 +John A. McNeil
 +Gordon C. Spink
 +John A. Breznak
 +James L. Bennett
 +Sarah A. Sprafka

Biophysics
 Family Medicine
 Family Medicine
 Microbiology and Public Health
 Pharmacology
 Office of Medical Education Research and
 Development

Social Science

Jack F. Williams
 +John F. Sullivan
 +John Aldrich
 Stan A. Kaplowitz
 Harry Perlstadt
 John C. Burroughs
 +Roger E. Hamlin

Geography
 Labor and Industrial Relations
 Political Science
 Sociology
 Sociology
 Urban Planning and Landscape Architecture
 Urban Planning and Landscape Architecture

University College

Jane Featherstone
 Jeremy Mattson
 Gordon McKenzie
 Douglas A. Noverr
 Anne Ousterhout
 Judson I. Mather
 J. Morgan Sweeney
 William A. Vincent
 Diana I. Martinez
 William M. Bridgeland
 David H. Katz

American Thought and Language
 Humanities
 Humanities
 Humanities
 Natural Science
 Social Science
 Social Science

Urban Development

+Maxie C. Jackson
 +Richard W. Thomas
 +Thomas W. Tenbrunsel

Center for Urban Affairs; Urban and
 Metropolitan Studies
 Racial and Ethnic Studies
 Urban and Metropolitan Studies

Veterinary Medicine

Martha T. Thomas
 +Harold W. Tvedten

Pathology
 Pathology

Provost

+William A. Simpson

Institutional Research

+Gains Tenure

*Non citizen, has taken steps to become a U.S. citizen

Personnel
Changes
Academic
Promotions

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Academic Promotions, cont.TO ASSOCIATE PROFESSOR, cont.Academic Services

John S. Duley

Learning and Evaluation Services

Vice President for Student Affairs and Services

+Albert S. Aniskiewicz

Counseling Center; Psychology

+Lee N. June

Counseling Center

+Douglas E. Miller

Counseling Center

+Homer D. Wenger

Counseling Center

TO ASSISTANT PROFESSORNatural Science

Suzanne Budd

Nursing

Tenure
Recommendations

Tenure Recommendations

The following actions are recommended by the departmental chairmen and the deans in accordance with the tenure rules:

- a. Associate Professors who acquire tenure with the reappointment, effective September 1, 1979:

Thomas H. Burkhardt

Agricultural Engineering; Institute of
Agricultural Technology

Ramesh C. Chandan

Food Science and Human Nutrition

Theodore J. Haskell

Park and Recreation Resources

Gaylan A. Rasmussen

Park and Recreation Resources

Maxine S. Ferris

Agriculture and Natural Resources
Education Institute

Clifford O. Jump

Institute of Agricultural Technology

Ellis R. Thomas

Business Law and Office Administration;
Secondary Education and Curriculum

John P. Wanous

Management

Michael R. Chial

Audiology and Speech Sciences

Floyd Westendorp

Psychiatry

Robert F. Stein

Astronomy and Astrophysics

*Michael F. Thorpe

Physics

Michael J. James

Osteopathic Medicine Department

William D. Schall

Small Animal Surgery and Medicine

- b. Assistant Professors who acquire tenure with the reappointment, effective September 1, 1979:

Paul H. Risk

Park and Recreation Resources

Charles S. Steele

Art

L. Paul Benningfield

Music

Harlan Jennings

Music

Alford T. Welch

Religious Studies

Donna J. Arnink

Theatre

Edward L. Fink

Communication

Alice L. Whiren

Family and Child Sciences

Joanne M. Thurber

Human Environment and Design

Charles W. Given

Community Health Science

Doris S. Miller

Medical Technology

Kenneth Waltzer

James Madison College

Mary K. Crabtree

Nursing

Bonnie J. Elmassian

Nursing

Linda J. Spence

Nursing

Kenneth E. Christian

Criminal Justice

Duane Mezga

Urban Planning and Landscape Architecture

Nancy L. Bunge

American Thought and Language

Patricia W. Julius

American Thought and Language

Edward J. Recchia

American Thought and Language

Kathleen J. Rout

American Thought and Language

James E. Seaton

Humanities

Dan Preston

Learning Resources Center

Benny Cathey

Natural Science

Bruce M. McCrone

Dean's Office, University College; Social Science

+Gains Tenure

*Non-citizen, has taken steps to become a U.S. citizen

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Tenure Recommendations, cont.

- c. Second probationary appointment as Assistant Professor for three years from September 1, 1979:

Donald O. Mitchell	Agricultural Economics
Maynard G. Hogberg	Animal Husbandry
Karel R. Schubert	Biochemistry
John E. Kaufmann	Crop and Soil Sciences
Richard H. Leep	Crop and Soil Sciences
Darryl D. Warncke	Crop and Soil Sciences
Michael J. Walterscheidt	Forestry
Bill B. Dean	Horticulture
Daniel J. Stynes	Park and Recreation Resources
Linda O. Stanford	Art
Cathy N. Davidson	English
Katherine R. Fishburn	English
David G. LoRomer	History
David F. Liptak	Music
Curtis Olson	Music
Burton A. Merriam	Theatre
Georg W. Schuttler	Theatre
John R. Brick	Accounting and Financial Administration
Frederic H. Jacobs	Accounting and Financial Administration
Ronald C. Fisher	Economics
Aaron S. Gurwitz	Economics
James M. Tolliver	Management
M. Bixby Cooper	Marketing and Transportation Administration
*Douglas M. Lambert	Marketing and Transportation Administration
Jeffrey G. Towle	Marketing and Transportation Administration
Martin P. Block	Advertising
Linda H. Gillum	Audiology and Speech Sciences
Jacqueline L. Caul	Teacher Education
*Krishnamurthy Jayaraman	Chemical Engineering
Albert N. Andry	Mechanical Engineering
James E. Bernard	Mechanical Engineering
Nicholas J. Altiero	Metallurgy, Mechanics, and Materials Science
Jenny L. Bond	Food Science and Human Nutrition
Carolyn J. Lackey	Food Science and Human Nutrition
Rose M. Tindall	Food Science and Human Nutrition
Lawrence D. Aronson	Medicine
*Fereshteh Fahimi	Obstetrics, Gynecology and Reproductive Biology
L. Jean Dunegan	Surgery
James M. Harkema	Surgery
Wayne H. Weidlich	Botany and Plant Pathology
Bruce A. Averill	Chemistry
Gerald T. Babcock	Chemistry
*Chi Kwong Chang	Chemistry
Grahame J. Larson	Geology
Joyce G. Conley	Nursing
Louise S. Knight	Nursing
Judith C. Longworth	Nursing
Carl J. Naegele	Science and Mathematics Teaching Center
Stewart Ethier	Statistics and Probability
James L. Edwards	Zoology
*Margaret I. Ajunwa	Family Medicine
John W. Gobel	Osteopathic Medicine Department
David J. Dwyer	Anthropology; African Studies Center
John H. Whiteford	Anthropology
Richard N. Block	Labor and Industrial Relations
Terry M. Moe	Political Science
Jeffrey Straussman	Political Science
Helen Benedict	Psychology
J. Kathryn Bock	Psychology
Eileen Thompson	Psychology
Sue B. Scheiner	Social Work
Richard M. Lebeaux	American Thought and Language
Jacob J. Climo	Social Science
Charles L. Boles	Large Animal Surgery and Medicine
Thomas G. Bell	Pathology
Charles T. Lowrie	Small Animal Surgery and Medicine
David F. Merkley	Small Animal Surgery and Medicine
*Richard Walshaw	Small Animal Surgery and Medicine
Jeffrey A. Wortman	Small Animal Surgery and Medicine
Alton R. Kirk	Counseling Center
David J. Novicki	Counseling Center

- d. Third probationary appointment as Instructor for a period of three years from September 1, 1979:

Ronald F. Dorr

James Madison College

*Non-citizen, has taken steps to become a U.S. citizen

Personnel
Changes

A. PERSONNEL CHANGES, cont.

May 25-26, 1978

Tenure

Recommendations Tenure Recommendations, cont.

- e. Second probationary appointment as Instructor for a period of two years from September 1, 1979:

Roger Smeltekop	Music
James M. Johannes	Economics
Barbara B. Smith	Health, Physical Education, and Recreation
Stephen K. Widder	Health, Physical Education, and Recreation
Jane F. Allendorph	Food Science and Human Nutrition; Nursing
Kathryn D. Colando	Pathology; Medical Technology
Bruce W. Pigozzi	Geography
John L. Revitte	Labor and Industrial Relations
Arthur Melzer	Political Science
Frederic M. Roberts	Social Science

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On motion by Trustee Carrigan-Strickland, seconded by Trustee Stevens, it was unanimously voted to approve the Resignations, Leaves, Transfers and Changes in Assignment, Promotions, Salary Changes, Appointments, Academic Promotions, and Tenure Recommendations. A copy of Provost Winder's comments in presenting the Academic Promotions and Tenure Actions is on file in the Secretary's Office.

Personnel
RecommendationsPersonnel Recommendations

It is recommended that the following positions be established:

1. Secretary III C-T 9 for the Dean's Office, College of Human Medicine
2. For the Mathematics Department:
 - a. Secretary I C-T 5
 - b. Clerk-Typist II C-T 5
3. Half-time Secretary I C-T 5 for Continuing Education, College of Social Science
4. Secretary II C-T 7 for the Dean's Office, College of Veterinary Medicine
5. Administrative Assistant I A-P 8 for Radio Broadcasting (WKAR Radio)

On motion by Trustee Radcliffe, seconded by Trustee Smydra, it was unanimously voted to approve the Personnel Recommendations.

Gifts and
GrantsB. GIFTS AND GRANTS

1. Gift of a Kubota M4000 tractor valued at \$9,200 from the Kubota Tractor Co., c/o Ray Labs, Reese, to be used under the direction of C. M. Hansen and F. R. Galbavi in Agricultural Engineering for research and teaching.
2. At the February 3, 1978 Board meeting the Trustees accepted an album of five original serigraphs by Richard Lindner from Fredrick E. Sherman. The gallery handling this gift, London Arts Group, Detroit, has advised that the \$8,000 valuation they placed on this collection was incorrect; it should have been \$9,000.
3. Gift of 28 back issues of American Economic Review valued at \$155 from Hugo Nurnberg, East Lansing, to be used in the Department of Economics.
4. Gift of three used Hudson 2½ gallon sprayers valued at \$30 from Robert Edighoffer, Newaygo, to be used under the direction of Franklin Laemmlen in Botany and Plant Pathology for research and experimental use.
5. Gift of a Sol terminal minicomputer valued at \$1,500 from Daniel S. Huycke, Okemos, to be used under the direction of Herbert E. Ross in the College of Osteopathic Medicine for the administration of patient care records and reference for research.
6. Gift of books and journals valued at \$75.55 from James Tuinstra, East Lansing, for the School of Social Work library.
7. Gift of a German Wirehaired Pointer valued at \$1,500 from Arthur B. Dowd, Leslie, to be used under the direction of U. V. Mostosky and R. G. Schirmer in Small Animal Surgery and Medicine for research purposes.
8. Gift of 200 green and white MSU toilet seats valued at \$4,990 from the Sanitary Specialty Mfg. Co., Cleveland, Ohio, to be used by the Development Fund for P.R. and awards.
9. Grants to be used for scholarship purposes as follows:
 - a. \$1,400 from the William Randolph Hearst Foundation, New York, for the A.A. Applegate Scholarship account; won by two Journalism students
 - b. \$2,000 from the Continental Oil Co., Ponca City, Okla., for awards to students in Chemical Engineering
 - c. \$1,000 from the Ingham County Medical Society, East Lansing, for students in the College of Human Medicine who are Ingham County residents
 - d. \$25 from Kevin F. Byrnes, Lansing, to be deposited in the Latin American Research Fund; recipients to be chosen by International Studies and Programs
 - e. \$1,000 from The Gillette Co., Safety Razor Div., Boston, Mass., to be deposited in the general scholarship fund; won by Gregory Kelsner as outstanding player in NCAA tournament game

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10. Grant to the MSU Development Fund:
\$1,400 from Martin Sherman and Karen Langeland; \$1,000 for the Wrestling Scholarship Fund and \$400 for women's basketball
11. Grant of \$28,500 from the U.S. Department of Agriculture to be used under the direction of G. Guyer in the Cooperative Extension Service for in-service education for Cooperative Extension personnel in field of public affairs.
12. Grant of \$71,006 from AID/Department of State, Washington, D.C., to be used under the direction of C. K. Eicher in Agricultural Economics; extension of earlier grant to assist in Eastern Regional Development Organization in Upper Volta to increase agricultural production and improve quality of life in the region.
13. Grant of \$40,000 from the Michigan Department of Commerce, Lansing, to be used under the direction of L. J. Connor in Agricultural Economics to support pilot energy study of Michigan farms; make use of selected energy educational programs for farmers.
14. Grant of \$2,000 from Washington State University, Pullman, Washington, to be used under the direction of H. Riley in Agricultural Economics to evaluate Kellogg Foundation leadership training projects.
15. Grant of \$6,000 from the Cannery Machinery Ltd., Ontario, Canada, to be used under the direction of C. M. Hansen in Agricultural Engineering to improve mechanical strawberry harvester/capper.
16. Grant of \$500 from Century Engineering Corporation, Cedar Rapids, Iowa, to be used under the direction of C. M. Hansen in Agricultural Engineering to support the 1979 International Congress of CIGR.
17. Grant of \$8,000 from Consumers Power Company, Jackson, to be used under the direction of T. C. Surbrook in Agricultural Engineering in support of Michigan Committee on Rural Electrification.
18. Grant of \$220.40 from Dickinson, Wright, McKean, Cudlip and Moon to be used under the direction of F. W. Bakker-Arkema in Agricultural Engineering to support grain drying research.
19. Grant of \$5,000 from the Massey-Ferguson, Inc., Detroit, to be used under the direction of C. M. Hansen and R. H. Wilkinson in Agricultural Engineering to study the effects of preservatives on rolled hay wafers.
20. Grant of \$59,000 from the Michigan Department of Commerce, Lansing, to be used under the direction of B. A. Stout in Agricultural Engineering for an energy audit.
21. Grant of \$1,000 from the Velsicol Chemical Corporation, Chicago, Illinois, to be used under the direction of C. M. Hansen in Agricultural Engineering to support the 1979 International Congress of CIGR.
22. Grant of \$15,000 from Calor Agriculture Research, Okemos, to be used under the direction of D. R. Hawkins in Animal Husbandry to support research of fermented ammoniated condensed whey (FACW) as a protein source for cattle fed corn silage rations.
23. Grant of \$5,000 from Eli Lilly & Co., Indianapolis, Indiana, to be used under the direction of W. G. Bergen in Animal Husbandry for the study of the role of Rumensin on protein levels in feedlot rations.
24. Grant of \$699.04 from the EMBRAPA PROGRAM, Purdue University, W. Lafayette, Indiana, to be used under the direction of W. R. Dukelow in Animal Husbandry to support research by graduate student W. F. deSa on reducing embryonic mortality in swine and increasing litter size.
25. Grant of \$5,000 from the Simmons Foundation, Ann Arbor, to be used under the direction of H. A. Henneman in Animal Husbandry to improve livestock breeding and management programs and provide educational materials for teaching livestock production.
26. Grant of \$1,000 from Adkin Brothers Blue Ribbon Packing Co., South Haven, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to support ongoing blueberry disease research.
27. Grant of \$1,000 from E. M. Laboratories, Inc., Elmsford, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to support ongoing blueberry disease research.
28. Grant of \$3,500 from the Michigan Blueberry Growers Association, Grand Junction, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology to support ongoing blueberry disease research.
29. Grant of \$1,500 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of M. L. Lacy in Botany and Plant Pathology to investigate improved methods of rust and root rot control and improved methods for screening plants for resistance.
30. Grant of \$2,000 from the BASF Wyandotte Corporation, Parsippany, New Jersey, to be used under the direction of A. L. Jones in Botany and Plant Pathology to evaluate experimental fungicides for fruit disease control.

31. Grant of \$900 from the Chevron Chemical Company, Richmond, California, to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate experimental systemic fungicides for control of late blight of potato.
32. Grant of \$1,500 from the CIBA-GEIGY Corporation, Greensboro, N. C., to be used under the direction of H. S. Potter in Botany and Plant Pathology to evaluate experimental systemic fungicides for control of late blight of potato.
33. Grant of \$1,750 from the Chevron Chemical Co., Richmond, California, to be used under the direction of D. C. Ramsdell in Botany and Plant Pathology for testing of difolatan for blueberry disease control by aerial application.
34. Grant of \$600 from the CIBA-GEIGY Corporation, Greensboro, N. C., to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to support ongoing turfgrass pathology research.
35. Grant of \$5,000 from the Michigan Turfgrass Foundation, East Lansing, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to support ongoing turfgrass pathology research.
36. Grant of \$500 from Swift Chemicals, Bartow, Florida, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to support ongoing turfgrass pathology research.
37. Grant of \$3,000 from the CIBA-GEIGY Corporation, Greensboro, N. C., to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of experimental fungicide against apple scab, cherry leaf spot, and brown rot.
38. Grant of \$500 from E. I. duPont deNemours & Co., Wilmington, Delaware, to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology for testing of DPX 166, Tersan 1991, Tersan SP, and DPX 4424 for control of Fusarium blight, Typhula blight, dollar spot anthracnose, and melting out.
39. Grant of \$2,000 from E. M. Laboratories, Inc., Elmsford, N. Y., to be used under the direction of E. J. Klos in Botany and Plant Pathology to study fungicidal activity of Triforine on major tree fruit diseases.
40. Grant of \$1,000 from the International Society of Arboriculture, Urbana, Illinois, to be used under the direction of F. Laemmlen in Botany and Plant Pathology to support study of Epidemiology, etiology, and chemical control of Cytospora Canker of Colorado Blue Spruce.
41. Grant of \$1,500 from the Michigan Onion Committee, Zeeland, to be used under the direction of G. Safir in Botany and Plant Pathology to support research of the growth and development of the onion plant and its relation to mycorrhizal infestation.
42. Grant of \$5,800 from the Michigan Onion Committee, Zeeland, to be used under the direction of M. L. Lacy in Botany and Plant Pathology to support investigations of pink root and basal rot diseases of onion.
43. Grant of \$500 from the Michigan Pear Research Association, Fremont, to be used under the direction of E. J. Klos in Botany and Plant Pathology to support the continuation of investigations of fireblight control.
44. Grant of \$500 from Rhodia, Inc., New York, N.Y., to be used under the direction of J. M. Vargas, Jr. in Botany and Plant Pathology to support ongoing research of Helminthosporium species control.
45. Grant of \$700 from the Simpson Aero Co., Tribune, Kansas, to be used under the direction of H. S. Potter in Botany and Plant Pathology to support spray deposition and droplet spectrum studies with experimental rotary atomizer for aircraft.
46. Grant of \$500 from Williams Flying Service, Tutwiler, Mississippi, to be used under the direction of H. S. Potter in Botany and Plant Pathology to support aerial spray deposition studies with rotary atomizers.
47. Grant of \$1,250 from the American Hoechst Corporation, Somerville, New Jersey, to be used under the direction of W. F. Meggitt in Crop and Soil Sciences for the continuation of weed control research.
48. Grant of \$500 from the BASF Wyandotte Corporation, New Jersey, to be used under the direction of G. Schultz in Crop and Soil Sciences as continuing support of herbicide program.
49. Grant of \$4,213.88 from the Beet Sugar Development Foundation, Ft. Collins, Colorado, to be used under the direction of G. Hogaboam in Crop and Soil Sciences as continuing support of sugarbeet research.
50. Grant of \$1,000 from the Borden Foundation, Inc., Columbus, Ohio, to be used under the direction of M. L. Vitosh in Crop and Soil Sciences to support continuing research on soil fertility.

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51. Grant of \$1,000 from the Duval Corporation, Houston, Texas, to be used under the direction of M. L. Vitosh in Crop and Soil Sciences to support continuing research on soil fertility.
52. Grant of \$300 from the Mans Fertilizer Service, Inc., Hamilton, to be used under the direction of M. L. Vitosh in Crop and Soil Sciences to support continuing research on soil fertility.
53. Grant of \$185 from Zeeb Fertilizers, Inc., St. Johns, to be used under the direction of M. L. Vitosh in Crop and Soil Sciences to support continuing research on soil fertility.
54. Grant of \$2,000 from the Duval Corporation, Houston, Texas, to be used under the direction of D. Warncke in Crop and Soil Sciences to support continuing fertilizer research.
55. Grant of \$800 from the Gettel & Company, Sebawaing, to be used under the direction of E. H. Everson in Crop and Soil Sciences to support agricultural production projects - wheat development.
56. Grant of \$2,000 from the Michigan Bean Commission, Lansing, to be used under the direction of A. J. M. Smucker in Crop and Soil Sciences as continuing support of soybean research.
57. Grant of \$605 from the Michigan Onion Committee, Zeeland, to be used under the direction of D. Warncke in Crop and Soil Sciences to support organic soil investigations - development of no-till system for onion production.
58. Grant of \$6,000 from the Quaker Oats Co., Chicago, Illinois, to be used under the direction of J. Grafius and D. Smith in Crop and Soil Sciences for the continuation of cereal leaf beetle research.
59. Grant of \$5,500 from the Velsicol Chemical Corporation, Chicago, Illinois, to be used under the direction of D. Penner in Crop and Soil Sciences for the continuation of pesticide studies.
60. Grant of \$5,095 from various donors to be used under the direction of T. J. Johnston in Crop and Soil Sciences to support soybean yield trials research.
61. Grant of \$2,573 from the National Institute of Child Health and Human Development, Washington, D.C., to be used under the direction of E. M. Convey in Dairy Science to support study to determine factors influencing luteinizing hormone release from bovine pituitaries in vivo and in vitro; investigate the role of gonadal steroids and gonadotropin releasing hormone (GnRH) in control of LG synthesis and release.
62. Grant of \$85 from various donors to be used under the direction of H. D. Hafs in Dairy Science for scholarship support through the Michigan Dairy Memorial Scholarship.
63. Grant of \$750 from the E. I. duPont deNemours and Company, Wilmington, Delaware, to be used under the direction of G. W. Bird in Entomology to support nematode research.
64. Grant of \$500 from the Nor-Am Agricultural Products, Inc., Chicago, Illinois, to be used under the direction of G. W. Bird in Entomology to support nematode research.
65. Grant of \$1,500 from the Michigan Blueberry Growers Association, Grand Junction, to be used under the direction of A. J. Howitt in Entomology to support study of blueberry insect control with trapping and insecticides.
66. Grant of \$4,000 from the Michigan Onion Committee, Zeeland, to be used under the direction of D. L. Haynes in Entomology to initiate field work which will result in life table for all age intervals of the onion maggot in Michigan; develop sampling techniques that will predict more accurately first emergence and subsequent adult population peaks.
67. Grant of \$6,000 from the Michigan Onion Committee, Zeeland, to be used under the direction of E. Grafius in Entomology to support the evaluation and development of effective and efficient control strategies for the onion maggot in Michigan.
68. Grant of \$900 from the Michigan Pear Research Association, Fremont, to be used under the direction of A. J. Howitt in Entomology to support the study of psylla control.
69. Grant of \$1,000 from Stoller Chemical Co., Inc., Houston, Texas, to be used under the direction of A. J. Howitt in Entomology to support research of fruit tree pests - low volume application.
70. Grant of \$250 from the Michigan Audubon Society, Kalamazoo, to be used under the direction of L. W. Gysel in Fisheries and Wildlife for the continuation of research on noise impacts on wildlife (small animals).
71. Grant of \$15,717 from the California Frozen Vegetable Council, San Francisco, Calif., to be used under the direction of J. N. Cash in Food Science and Human Nutrition to support study to determine price differential of equivalent purchase weights and price per serving of five frozen vegetables versus their raw and canned counterparts.

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72. Grant of \$500 from the Michigan Milk Producers Association, Detroit, to be used under the direction of L.G. Harmon in Food Science and Human Nutrition to defray costs of American Dairy Sci.-American Association of Animal Science's meeting at MSU, summer 1978.
73. Grant of \$500 from the Select Sires, Inc., Plain City, Ohio, to be used under the direction of L. G. Harmon in Food Science and Human Nutrition to defray costs of American Dairy Sci.-American Association of Animal Science's meeting at MSU, summer 1978.
74. Grant of \$3,000 from the Standard Brands, Inc., Stamford, Connecticut, to be used under the direction of W. Chenoweth in Food Science and Human Nutrition to support study to determine effect of eggs and egg substitute on serum cholesterol in human subjects.
75. Grant of \$6,600 from the U.S. Department of Agriculture, U.S. Forest Service, Washington, D.C., to be used under the direction of R. S. Manthy in Forestry to support the development of operational procedure for collecting, recording and analyzing fire damage/benefit data.
76. Grant of \$8,000 from the U.S. Department of Agriculture, U.S. Forest Service, North Central Forest Experiment Station, St. Paul, Minnesota, to be used under the direction of R. S. Manthy in Forestry to develop fire effects appraisal system for the State of Wisconsin.
77. Grant of \$1,000 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of H. Price in Horticulture to support ongoing research on cultural practices for asparagus.
78. Grant of \$1,000 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of S. K. Ries in Horticulture to support ongoing asparagus research - tricentanol for increasing the yield of asparagus.
79. Grant of \$3,000 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of B. J. Zandstra and H. Price in Horticulture to support ongoing research on cultural practices for asparagus.
80. Grant of \$3,500 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of A. R. Putnam in Horticulture to support ongoing research in asparagus weed control.
81. Grant of \$7,500 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of J. Fobes in Horticulture to support ongoing research in asparagus plant breeding.
82. Grant of \$1,500 from the American Farm Bureau Research Foundation, Park Ridge, Illinois, to be used under the direction of J. Fobes in Horticulture for the development of tissue culture techniques, greenhouse and field culture of explants, production of preliminary hybrids from materials selected prior to 1978, evaluation of new parental gumplasm and the development of disease.
83. Grant of \$4,500 from the American Hoechst Corporation, Somerville, N. J., to be used under the direction of A. R. Putnam in Horticulture to support ongoing research with herbicides for horticultural crops.
84. Grant of \$750 from the Chevron Chemical Company, San Francisco, California, to be used under the direction of A. R. Putnam in Horticulture to support ongoing research with herbicides for horticultural crops.
85. Grant of \$198 from the Arkansas State Horticultural Society, Van Buren, Arkansas, to be used under the direction of G. S. Howell in Horticulture to support research in production problems of grape growers.
86. Grant of \$90.11 from the Indiana Grape Symposium, Nashville, Indiana, to be used under the direction of G. S. Howell in Horticulture to support ongoing research on grapes with emphasis on cold-hardiness and vineyard management.
87. Grant of \$109.91 from the National Grape Co-operative Association, Inc., Westfield, N.Y., to be used under the direction of G. S. Howell in Horticulture to support research in production problems of grape growers.
88. Grant of \$3,000 from the Crookham Company, Caldwell, Idaho, to be used under the direction of L. Baker in Horticulture to support ongoing carrot breeding program.
89. Grant of \$1,000 from the Gerber Products Company, Fremont, to be used under the direction of D. R. Dilley in Horticulture to support the study of the optimum maturity and ripening processes of the Spartlett pear.
90. Grant of \$2,000 from the Gerber Products Company, Fremont, to be used under the direction of L. Baker in Horticulture to support ongoing programs to develop improved hybrid carrot varieties for processing and strengthen programs for commercial testing of experimental hybrid carrots.

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91. Grant of \$800 from the International Dwarf Fruit Tree Association, Sparta, to be used under the direction of F. Dennis in Horticulture to support study of rootstock (MAC) effects on yields of Delicious apples.
92. Grant of \$2,000 from the International Dwarf Fruit Tree Association, Sparta, to be used under the direction of R. Carlson in Horticulture to support the development of dependable rootstock for peach cultivars and identification, description and naming of MAC rootstock series.
93. Grant of \$900 from Kalsec, Inc., Kalamazoo, to be used under the direction of S. Honma in Horticulture to support ongoing pepper research.
94. Grant of \$2,000 from the Michigan Apple Committee, Lansing, to be used under the direction of D. H. Dewey in Horticulture to support ongoing program to improve internal quality of apples for fresh market and processing.
95. Grant of \$25 from Roy C. Parker, Lexington, Kentucky, to be used under the direction of D. H. Dewey in Horticulture to support apple research.
96. Grant of \$3,000 from the Michigan Onion Committee, Zeeland, to be used under the direction of B. Zandstra in Horticulture to support study of the growth and development of the onion plant and its relation to mycorrhizal infestation.
97. Grant of \$3,800 from the Michigan Onion Committee, Zeeland, to be used under the direction of A. Putnam in Horticulture to support study of the development of improved weed control strategies for onions on muck soils.
98. Grant of \$10,000 from the Michigan Onion Committee, Zeeland, to be used under the direction of J. Fobes in Horticulture to support onion breeding.
99. Grant of \$1,000 from the Pickle Packers International, Inc., St. Charles, Illinois, to be used under the direction of L. Baker in Horticulture to support ongoing research on cucumber breeding.
100. Grant of \$21,000 from the Society of American Florists' Endowment, Alexandria, Virginia, to be used under the direction of K. Sink in Horticulture to investigate cellular techniques to create new flower hybrids.
101. Grant of \$2,500 from the Morton Salt Co., Chicago, Illinois, to be used under the direction of C. J. Mackson in Packaging to support basic packaging research.
102. Grant of \$43,652 from the USDA Agricultural Stabilization and Conservation Service, Washington, D.C., to be used under the direction of J. W. Goff in Packaging to develop and evaluate performance specifications for agricultural commodities and provide consulting services on commodity packaging.
103. Grant of \$7,500 from the Fats and Proteins Research Foundation, Inc., Des Plaines, Illinois, to be used under the direction of D. Polin in Poultry Science to support research of the use of fat in poultry rations.
104. Grant of \$2,352 from the Midwest Universities Consortium for International Activities, Inc., Madison, Wisconsin, to be used under the direction of I. R. Wyeth in the Institute of International Agriculture as support for the development of inter-university (MUCIA) project in agricultural extension training involving interaction of MUCIA, UNDP and World Bank representatives.
105. Grant of \$1,000 from the Michigan Council for the Arts, Detroit, to be used under the direction of L. Stanford in Art to support the development by "Women in Contemporary Art" program of the aesthetic and political issues confronted by women artists and critics today.
106. Grant of \$3,700 from the MSU Foundation, East Lansing, to be used under the direction of J. Konvitz in History to underwrite major grant proposal to the National Endowment for the Humanities for an exhibition on modern art and textile design from 1910 to 1930.
107. Grant of \$600 from Peat, Marwick, Mitchell Foundation, New York, N.Y., to be used under the direction of G. M. Jones in the Dean's Office, College of Business, for the Management Education Center.
108. Grant of \$7,458 from various donors to be used under the direction of R. J. Lewis in the College of Business for the Crissy Memorial Scholarship Fund for students in the College of Business.
109. Grant of \$140 from various donors to be used under the direction of G. Jones in the College of Business for the library at the Management Education Center.
110. Grant of \$900 from Peat, Marwick, Mitchell Foundation, New York, N.Y., to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.

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111. Grant of \$1,800 from various donors to be used under the direction of H. M. Sollenberger in Accounting and Financial Administration for faculty development.
112. Grant of \$90 from Bradley S. Greenberg, Okemos, to be used under the direction of E. P. Bettinghaus in the College of Communication Arts and Sciences for development within the college.
113. Grant of \$550 from the William Randolph Hearst Foundation, New York, N.Y., to be used under the direction of G. A. Hough, III in Journalism as travel funds for advanced reporting students to visit community newspapers in Michigan and other travel purposes.
114. Grant of \$1,000 from the William Randolph Hearst Foundation, New York, N.Y., to be used under the direction of G. A. Hough, III in Journalism for development within the school.
115. Grant of \$1,762.50 from The Newspaper Fund, Inc., Princeton, N.J., to be used under the direction of S. I. Soffin in Journalism to sponsor a program to find and encourage minority high school students to consider careers in newspapers.
116. Grant of \$50 from Rappoport Studios, Inc., New York, N.Y., to be used under the direction of J. L. Hillwig in Journalism as partial funding for yearbook readership study.
117. Grant of \$300 from the Adult Education Association of Michigan, Lansing, to be used under the direction of V. C. Johnson in Administration and Higher Education as assistance to graduate students in the Program of Studies in Continuing Education at MSU.
118. Grant of \$225 from Russell J. and Agnes Kleis, Okemos, to be used under the direction of V. C. Johnson in Administration and Higher Education for student assistance, publication, travel and other supplemental support of the Program of Studies in Continuing Education.
119. Grant of \$300 from the Longsdorf Memorial Fund, East Lansing, to be used under the direction of V. C. Johnson in Administration and Higher Education to match grant from the Adult Education Association of Michigan for scholarship assistance to graduate students in the Program of Studies in Continuing Education at MSU.
120. Grant of \$963.23 from the Farmington School District, Farmington, to be used under the direction of F. Ignatovich in Administration and Higher Education to provide consultative services regarding school organization.
121. Grant of \$600 from various schools to be used under the direction of F. R. Ignatovich and S. Hecker in Administration and Higher Education to produce enrollment projections for specified school districts.
122. Grant of \$900 from the Illinois State Board of Education, Chicago, Illinois, to be used under the direction of R. Craig in Counseling, Personnel Services, and Educational Psychology for research, secretary services and travel, especially research on the teaching of interpersonal communication using films, video tapes, and other simulation techniques.
123. Grant of \$8,085 from the State of Michigan, Department of Education, Lansing, to be used under the direction of R. Poland and G. Ferns in Secondary Education and Curriculum to facilitate activities of MSU's Occupational and Applied Arts faculty in meeting the personnel development needs of vocational personnel in Michigan.
124. Grant of \$1,800 from the Midwest Universities Consortium for International Activities, Inc., Champaign, Illinois, to be used under the direction of O. D. Meaders in Secondary Education and Curriculum to cover all expenses necessary to plan and hold meeting; travel and expenses for 7 or 8 MUCIA representatives to attend the meeting.
125. Grant of \$6,100 from various donors to be used under the direction of W. J. Gamble, Jr. in the Dean's Office, College of Engineering, in support of Engineering Equal Opportunity Program.
126. Grant of \$2,171 from the Grand Rapids Public Schools, Grand Rapids, to be used under the direction of J. B. Eulenberg and M. A. Rahimi in Engineering Research to support the Communication Enhancement Program.
127. Grant of \$21,897 from the Central Solar Energy Research Corporation, Detroit, to be used under the direction of H. E. Koenig, R. L. Kerber, M. C. Hawley, B. W. Wilkinson, and H. R. Zapp in Engineering Research to plan a regional solar energy center for the North Central states.
128. Grant of \$3,000 from the Monsanto Company, St. Louis, Missouri, to be used under the direction of D. K. Anderson in Chemical Engineering to support efforts of the department.
129. Grant of \$400 from the Michigan Department of Corrections, Lansing, to be used under the direction of B. G. Wenberg in Food Science and Human Nutrition for the computation of menus by MSU Nutrient Data Base; provide complete analysis of menus from major institutions and county correctional facilities with the printout by meal, day, week of selected nutrients plus a summarization compared to recommended daily allowance.

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130. Grant of \$6,597 from the University of Minnesota, St. Paul, Minnesota, to be used under the direction of A. Slocum and M. Bubolz in Human Environment and Design for expanding sampling area of two Quality of Life research projects and obtain assistance in analysis of the data; will form basis for regional research proposal.
131. Grant of \$215.99 from the Children's Board of MSAU Day Care Center, East Lansing, to be used under the direction of N. A. Carlson in the Institute for Family and Child Study to cover the cost of installation of new carpeting in infant unit of Day Care Center.
132. Grant of \$1,930 from the MSU Foundation, East Lansing, to be used under the direction of P. M. Gladhart in the Institute for Family and Child Study to support study of the participation of the family in management of the total food system.
133. Grant of \$111,610 from the National Inst. of Health/Division of Research Resources to be used under the direction of W. D. Weston in the College of Human Medicine as biomedical research support.
134. Grant of \$29,282 from the Michigan Department of Social Services, Lansing, to be used under the direction of W. B. Weil, Jr. in Human Development to support study of education in child abuse and neglect in health related fields.
135. Grant of \$1,000 from the American College of Emergency Physicians, Lansing, to be used under the direction of J. G. Wiegenstein in Medicine to support study of self-assessment examination in emergency medicine.
136. Grant of \$380 from Merck and Co., Inc. to be used under the direction of D. Greenbaum in Medicine to cover cost of speaker for Medicine Grand Rounds.
137. Grant of \$14,000 from the Michigan Heart Association, Southfield, to be used under the direction of R. J. Moon in Microbiology and Public Health to support study of endotoxemia and cardiovascular shock.
138. Grant of \$1,500 from the Michigan State Medical Society, Lansing, to be used under the direction of C. H. Sander in Pathology in support of placental tissue registry for the State of Michigan.
139. Grant of \$4,500 from the Butterworth Hospital, Grand Rapids, to be used under the direction of N. B. Enzer in Psychiatry to support the Psychiatry Residency Training Program.
140. Grant of \$8,100 from the County of Kent, Grand Rapids, to be used under the direction of N. B. Enzer in Psychiatry to support the Psychiatry Residency Training Program.
141. Grant of \$16,200 from the Pine Rest Christian Hospital Association, Grand Rapids, to be used under the direction of N. B. Enzer in Psychiatry to support the Psychiatry Residency Training Program.
142. Grant of \$8,475 from the Michigan Heart Association, Southfield, to be used under the direction of L. J. Dunegan in Surgery to support study of extravascular lung water.
143. Grant of \$1,450 from the Dow Chemical Company, Midland, to be used under the direction of G. J. Karabatsos in Chemistry for development within the department.
144. Grant of \$40,000 from the Office of Naval Research to be used under the direction of G. E. Leroi in Chemistry to support photoionization studies of molecular dynamics and energetics.
145. Grant of \$600 from the Cities Service Foundation, Tulsa, Oklahoma, to be used under the direction of F. W. Cambray in Geology for summer geology field camp students.
146. Grant of \$970 from the MSU Foundation, East Lansing, to be used under the direction of G. J. Larson in Geology; Subsurface Tracing with Tritium, the establishment of a low level tritium laboratory at MSU.
147. Grant of \$2,146 from the MSU Foundation, East Lansing, to be used under the direction of T. A. Vogel in Geology to support the study of The Origin of Coexisting Acidic and Basic Silicate Melts.
148. Grant of \$53,203 from the National Science Foundation, Washington, D.C., to be used under the direction of B. H. Wildenthal in the MSU/NSF Heavy Ion Laboratory as support for the IPA assignment.
149. Grant of \$82,079 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of B. H. Wildenthal and L. Clemens in Zoology to support the study of Neural Control of Sexual Behavior.
150. Grant of \$1,652 from the MSU Foundation, East Lansing, to be used under the direction of J. Curtis in Nursing to support the assessment of nursing and ethical issues by practicing baccalaureate educated nurses.

B. GIFTS AND GRANTS, cont.

May 25-26, 1978

151. Grant of \$91,355 from the U.S. Department of Energy, Washington, D.C., to be used under the direction of R. G. Wetzel in the Kellogg Biological Station to support research in dissolved organic matter and lake metabolism.
152. Grant of \$250 from the Gordon Conference, Okemos, to be used under the direction of A. Lang in the MSU/ERDA Plant Research Laboratory to cover expenses by K. L. Poff related to carrying out duties of Chairman of Gordon Research Conference, a research organization on the sensory transduction in microorganisms.
153. Grant of \$2,106.67 from Rand McNally & Company, Washington, D.C., to be used under the direction of G. Berkheimer in Science and Mathematics Teaching Center to conduct leadership workshops, awareness sessions, and provide consultant services to more than 50 school systems in Michigan.
154. Grant of \$4,000 from Hercules, Inc., Wilmington, Delaware, to be used under the direction of F. Matsumura in the Pesticide Research Center to support studies relative to degradation of pesticides in the environment.
155. Grant of \$42,865 from Rutgers State University North Central IR-4 Leader Laboratory, New Brunswick, New Jersey, to be used under the direction of F. Matsumura in the Pesticide Research Center to support research to acquire ornamental clearance data.
156. Grant of \$47,110 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of P. Gerhardt in the Dean's Office, College of Osteopathic Medicine, as a biomedical research support grant.
157. Grant of \$11,000 from the Michigan Heart Association, Southfield, to be used under the direction of F. Kierszenbaum in Microbiology and Public Health to support research of experimental Chagas' disease; mechanisms of resistance.
158. Grant of \$75.00 from the American College of Osteopathic Ob-Gyn, Chicago, Illinois, to be used under the direction of W. Mill in Osteopathic Medicine for department development.
159. Grant of \$54,648 from the National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, to be used under the direction of J. L. Bennett in Pharmacology to support study of Schistosomiasis: Mode of Action of New Drugs.
160. Grant of \$4,900 from the County of Ingham, Office of County Controller, Mason, to be used under the direction of N. B. Enzer in Psychiatry for program development.
161. Grant of \$9,180 from the Michigan Department of Public Health, Lansing, to be used under the direction of C. D. Johnson in Psychology to support study of substance use among senior citizens in Michigan.
162. Grant of \$31,035 from the National Institute of Mental Health, Bethesda, Maryland, to be used under the direction of G. W. Fairweather in Psychology to support study of Experimental Innovation Diffusion in Mental Hospitals.
163. Grant of \$47,265 from the Michigan Office of Criminal Justice, Lansing, to be used under the direction of J. H. McNamara and R. C. Miley in Criminal Justice to support the study of the development of a state unified juvenile data system.
164. Grant of \$215,618 from the National Institute of Mental Health, Bethesda, Maryland, to be used under the direction of W. Hanewicz and J. McNamara in Criminal Justice to support study of Social Justice Team: Implementation and Assessment.
165. Grant of \$3,537 from the U.S. Department of Justice, Washington, D.C., to be used under the direction of H. Timm and F. Horvath in Criminal Justice as a fellowship for doctoral research.
166. Grant of \$4,000 from the MSU Foundation, East Lansing, to be used under the direction of R. N. Block in Labor and Industrial Relations to support an analysis of union organizing success and the supply of union services.
167. Grant of \$2,000 from Dorothy J. Munson, Petoskey, to be used under the direction of C. Goldschmidt in Urban Planning and Landscape Architecture for an annual Albe Munson Award.
168. Grant of \$9,228 from the Midwest Universities Consortium for International Activities, Inc., Madison, Wisconsin, to be used under the direction of J. W. Myers in Humanities to conduct archaeological conservation survey and training program at Bassae, Greece; unique tethered balloon low-altitude prospecting and recording method will be used.
169. Grant of \$10,790 from CETA of Lansing, Lansing, to be used under the direction of R. LaMore in the Center for Urban Affairs to provide 200 Lansing residents with information and resources necessary to improve the energy efficiency of their homes through the development and implementation of two 3-5 week educational workshops.
170. Grant of \$36,547 from the National Institutes of Health, Bethesda, Maryland, to be used under the direction of J. R. Welser in the Dean's Office, College of Veterinary Medicine, as a biomedical research support grant.

B. GIFTS AND GRANTS, cont.

May 25-26, 1978

Gifts and
Grants

171. Grant of \$500 from Mr. and Mrs. Philip H. Power, Ann Arbor, to be used under the direction of R. Walshaw in the College of Veterinary Medicine for equipment for the Department of Small Animal Surgery and Medicine.
172. Grant of \$2,500 from the Veterinary Orthopedic Society, Solana Beach, California, to be used under the direction of H. Tvedten, D. DeYoung, and G. Flo in the College of Veterinary Medicine to support the study of regeneration of the meniscus in the dog.
173. Grant of \$9,599.68 from the Food & Agriculture Organization of the United Nations, Rome, Italy, to be used under the direction of G. R. Carter in Microbiology and Public Health to support research of experimental production of NS vaccine in Sri Lanka.
174. Grant of \$5,000 from the Salsbury Laboratories, Charles City, Iowa, to be used under the direction of G. R. Carter and T. Chang in Microbiology and Public Health to support study of streptomycin dependent pasteurella multocida vaccine for the prevention of fowl cholera.
175. Grant of \$10,685 from The Rockefeller Foundation to be used under the direction of R. W. Leid in Pathology to support study of enzymic changes in host leukocytes with tapeworm infections.
176. Grant of \$64,370 from the National Institute of Environmental Health Sciences, Bethesda, Maryland, to be used under the direction of J. B. Hook in Pharmacology to support study of perinatal pesticide toxicity.
177. Grant of \$100 from Meijer Super Markets, Inc., Grand Rapids, to be used under the direction of C. Wells and R. Rentschler in Continuing Education to support activities in connection with The Politics of Food Conference, April 7-8, 1978.
178. Grant of \$100 from the Prince Macaroni of Michigan, Inc., Warren, to be used under the direction of R. Rentschler in Continuing Education to support activities in connection with The Politics of Food Conference, April 7-8, 1978.
179. Grant of \$100 from R. W. Snyder Co., Inc., Battle Creek, to be used under the direction of R. Rentschler in Continuing Education to support activities in connection with The Politics of Food Conference, April 7-8, 1978.
180. Grant of \$25 from Wayne State University, Detroit, to be used under the direction of R. Rentschler in Continuing Education to support activities in connection with The Politics of Food Conference, April 7-8, 1978.
181. Grant of \$510 from the Department of the Air Force to be used under the direction of S. Cherney in International Extension for tuition assistance for military attending Graduate Education Overseas program in Zama, Japan.
182. Grant of \$1,500 from the MSU Foundation, East Lansing, to be used under the direction of R. Smuckler in International Studies and Programs to augment existing accounts that provide for faculty travel to international conferences.
183. Grant of \$10,450 from various donors to be used under the direction of R. D. Page in Instructional and Public Television to underwrite programs and support activities of public television.
184. Grant of \$795 from the Council for the Advancement of Experiential Learning, Columbia, Maryland, to be used under the direction of J. Duley in Learning and Evaluation Service to assist faculty and administrators of Wayne State University, Detroit Institute of Technology, and MSU in working together to plan and carry out faculty and instructional development programs in experiential learning.
185. Grant of \$180 from Samuel F. Febba, Dimondale, to be used under the direction of R. Estell in Radio Broadcasting to support program activities of WKAR Radio.
186. Grant of \$4,991 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of R. H. Baker in the Museum to study the habitats of threatened small mammals of the Rose Lake Wildlife Research Area.
187. Grant of \$5,008 from the Michigan Department of Natural Resources, Lansing, to be used under the direction of R. H. Baker in the Museum to survey summer populations of the Indiana Myotis in Michigan.
188. Grant of \$1,002 from the MSU Foundation, East Lansing, to be used under the direction of J. A. Holman in the Museum to support excavation of the Ladds, Georgia, pleistocene site.
189. Grant of \$1,000 from the Stroh Brewery Foundation, Detroit, to be used under the direction of C. K. Dewhurst in the Museum as continued assistance for the Twentieth Century Folk Art project.
190. Grant of \$3,850 from the Northwest Area Foundation, St. Paul, Minnesota, to be used under the direction of P. L. Dressel in Institutional Research for the continuation of evaluation of liberal arts college projects supported by the Foundation.

Gifts and
Grants

B. GIFTS AND GRANTS, cont.

May 25-26, 1978

191. Grant of \$1,259.27 from the Estate of John G. Schwab, Bay City, to be used under the direction of E. L. Harden in the President's Office for University development.
192. Grant of \$27 from the Welcome Wagon Club, Tecumseh, to be used under the direction of F. W. Freeman in Campus Park and Planning for library acquisition.
193. Grant of \$2,500 from the Ford Motor Company, Dearborn, to be used under the direction of J. D. Shingleton in the Placement Services in support of a research project on quality of students entering organizations recruiting at MSU.
194. Grant of \$50,000 from the Dayton Hudson Foundation, Minneapolis, Minnesota, to be used under the direction of L. W. Scott in the Vice President for University Development for the building fund for the Performing Arts Center.
195. Grant of \$3,000 from Leslie W. Scott, East Lansing, to be used under the direction of L. W. Scott in the Vice President for University Development for the Capital Enrichment Program pledge - Performing Arts Center.

Motion was made by Trustee Smydra, seconded by Trustee Martin, to accept the Gifts and Grants. Approved by a vote of 7 to 0; Trustee Radcliffe was out of the room when the vote was taken.

Bids and
Contracts

C. BIDS AND CONTRACT AWARDS

1. Anthony Hall - Install Laboratory Furniture in Room 14

The following bids were received on May 2 for Anthony Hall - Install Laboratory Furniture in Room 14. This project provides for the installation of vinyl-asbestos tile over the existing exposed concrete floor and the furnishing, installation, and connection of several pieces of laboratory furniture, including cabinets, counters, and sinks. These improvements will provide the facilities necessary for metabolism research.

<u>Contractor</u>	<u>Base Bid</u>
Haussman Construction Co.	\$35,100
McNeilly Construction, Inc.	37,789
Charles Featherly Construction Co.	38,134
Hanel-Vance Construction Co.	38,244

It is recommended that a contract be awarded to Haussman Construction Co. of Lansing in the amount of \$35,100 and that the following project budget be established:

Haussman Construction Co.	\$35,100
Contingencies	3,600
Engineering, Design, and Expediting	<u>2,880</u>
Total Expected Expenditures	\$41,580

Funds to complete this project are available in Account 71-6336, Food Contamination - Dairy.

RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, supported by Trustee Carrigan-Strickland. Trustee Radcliffe was out of the room at the time the vote was taken.

Horticulture
Bldg. - Fire
Safety Improve-
ments

2. Horticulture Building - Fire Safety Improvements

The following bids were received on April 28 for Horticulture Building - Fire Safety Improvements. This project involves the construction of an exterior fire escape on the south elevation of the Horticulture Building as requested by the State Fire Marshal's Office.

<u>Contractor</u>	<u>Base Bid</u>
McNeilly Construction, Inc.	\$12,970
Hanel-Vance Construction Co.	14,170
Haussman Construction Co.	14,800
Charles Featherly Construction Co.	15,695

It is recommended that a contract be awarded to McNeilly Construction, Inc. of Lansing in the amount of \$12,970, and that the following project budget be established:

McNeilly Construction, Inc.	\$12,970
Contingencies	1,300
Engineering, Design, and Expediting	<u>1,700</u>
Total Expected Expenditures	\$15,970

Funds to complete this project are available in Account 11-8965, Horticulture Building - Fire Improvements.

RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, seconded by Trustee Smydra. Trustee Radcliffe was not in the room at the time the vote was taken.

C. BIDS AND CONTRACT AWARDS, cont.

May 25-26, 1978

Bids and
Contract Awards
Kellogg Center3. Kellogg Center - Improvements to Guest Rooms and Corridors

The following bids were received on April 27 for Kellogg Center - Improvements to Guest Rooms and Corridors on Second through Seventh Floors. This project includes removal of built-in furniture and existing carpet, relocation of electrical and television outlets, plaster repair of walls, installation of vinyl wall covering and incidental painting, installation of wall-hung furniture, grounding of electrical outlets, and rewiring of corridor ceiling lights. Also included are revisions to eight guest rooms to meet the Barrier Free Design Code.

<u>Contractor</u>	<u>Base Bid</u>
McNeilly Construction, Inc.	\$278,462
Hanel-Vance Construction Co.	285,500
Charles Featherly Construction Co.	333,333

It is recommended that a contract be awarded to McNeilly Construction, Inc. of Lansing in the amount of \$278,462, and that the following project budget be established:

McNeilly Construction, Inc.	\$278,462
Contingencies	28,000
Engineering, Design, and Expediting	<u>16,000</u>

Total Expected Expenditure	\$322,462
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Funds to complete this project are available in Account 41-4297, Kellogg Center - Refurbishing.

RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, supported by Trustee Carrigan-Strickland. Trustee Radcliffe was out of the room at the time the vote was taken.

4. McDonel, Owen, and Wonders Halls - Heating Coil ReplacementMcDonel, Owen
Wonders Halls

The following bids were received on April 20 for McDonel, Owen, and Wonders Halls - Heating Coil Replacement. This project involves the replacement of heating coils and related controls in seven heating and ventilating units in these halls.

<u>Contractor</u>	<u>Base Bid</u>
Shaw-Winkler, Inc.	\$ 81,522
United Piping & Erecting Co.	82,135
Dard Incorporated	87,347
Construction Pipe Company, Inc.	99,209
John E. Green Plumbing & Heating Co., Inc.	112,700

It is recommended that a contract be awarded to Shaw-Winkler, Inc. of East Lansing in the amount of \$81,522, and that the following project budget be established:

Shaw-Winkler, Inc.	\$ 81,522
Contingencies	8,578
Engineering, Supervision and Expediting	<u>7,900</u>

Total Expected Expenditures	\$ 98,000
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Funds to complete this project are available as follows:

Owen Graduate Center-Special Projects - Account 41-4286	\$29,000
Wonders Hall Building	" 21-2751 43,000
McDonel Hall Building	" 21-2755 <u>26,000</u>

Total	\$98,000
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RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, seconded by Trustee Martin. Trustee Radcliffe was not in the room at the time the vote was taken.

Bids and
Contract Awards

C. BIDS AND CONTRACT AWARDS, cont.

May 25-26, 1978

Parking
Ramp No. 15. Parking Ramp No. 1 - Waterproof Coating and Concrete Protection

The following bids were received on May 3 for Parking Ramp No. 1 - Waterproof Coating and Concrete Protection:

<u>Contractor</u>	<u>Base Bid</u>
William H. Kelly Co.	\$ 57,440
Ben T. Young Co.	58,500
Raymond E. Kelley, Inc.	79,200

The Base Bid provides cleaning, repairing, and applying a protective coating to approximately 31,000 square feet of Parking Ramp No. 1, along with repairing spalled concrete and replacing six expansion joints.

The low Base Bid is substantially below the budget available for this work and a Pre-Contract Bulletin was, therefore, issued to provide necessary repairs and protective coating to an additional 16,500 square feet of ramp, as well as replacing three additional expansion joints. The quotation for this additional work is \$30,686 and the unit prices used to develop the quotation are equal to or lower than those submitted on the Base Bid Proposal Form.

It is recommended that a contract be awarded to the William H. Kelly Co. of East Lansing in the amount of \$88,126 (Base Bid - \$57,440 + Pre-Contract Bulletin No. 1 - \$30,686), and that the following project budget be established:

William H. Kelly Co.	\$ 88,126
Re-Striping - Grounds Department	400
Contingencies	9,474
Engineering, Supervision, and Expediting	<u>7,000</u>

Total Expected Expenditures \$105,000

Funds to complete this project are available in Account 21-3053, Parking Ramps 1 and 2, Repairs, 1976-77.

RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Carrigan-Strickland, seconded by Trustee Smydra. Trustee Radcliffe was not in the room at the time the vote was taken.

Shaw Hall -
Electrical
Alterations6. Shaw Hall - Electrical Alterations

The following bids were received on April 27 for Shaw Hall - Electrical Alterations. This project involves the installation of two electrical outlets with additional circuiting in each student room the replacement of 45 fuse type lighting panels with circuit breaker type, and the replacement of incandescent with fluorescent light fixtures in areas presently not converted. The addition of outlets and circuiting is needed to eliminate overloaded circuiting problems.

<u>Contractor</u>	<u>Base Bid</u>
Root Electric, Inc.	\$199,289
Lansing Electric Motors Construction, Inc.	205,920
Hall Electric Co.	268,000
Quality Electric, Inc.	284,368

It is recommended that a contract be awarded to Root Electric, Inc. of Lansing in the amount of \$199,289, and that the following project budget be established:

Root Electric, Inc.	\$199,289.00
Contingencies	19,908.85
Clark-Trombley Consultants and Printing	10,302.15
Coordination, Supervision, and Expediting	<u>6,500.00</u>

Total Expected Expenditures \$236,000.00

Funds to complete this project are available in Account 21-2886, Shaw Hall Major Repair.

RESOLVED that the above contract be awarded and project budget be established as recommended.

Approved by a vote of 7 to 0 on motion by Trustee Bruff, supported by Trustee Stevens. Trustee Radcliffe was not in the room at the time the vote was taken.

C. BIDS AND CONTRACT AWARDS, cont.

May 25-26, 1978

Bids and
Contract Awards7. Power Plant - Baghouse FiltersBaghouse Filters
Power Plant 65

Bids were received on April 18, 1978 for the furnishing and erection of two baghouse filters for Units 1 and 2 of Power Plant 65. This is the initial phase of the air emission control project.

The specifications of the project indicated that contracts would be awarded on a life cycle cost basis, considering factors such as power consumption, pressure drop, and bag life. It should be noted that the recommendation of award of contract is not based on the lowest construction bid, but the best evaluated bid on the life cycle cost factors.

Of the nine proposals received, only three met the University specifications; however, all nine proposals were evaluated by the consulting engineers and University staff. The following summarizes the bids received:

<u>Company Name</u>	<u>Bid Responsive</u>	<u>Base Bid</u>	<u>Final Eval. Cost</u>
American Air Filter	Yes	\$2,050,143	\$5,908,443
Carborundum Company	No	1,668,931	6,352,051
Envirotech (Buell)	No	2,111,817	6,439,417
Fuller Company	No	1,550,900	6,841,600
Industrial Clean Air	No	1,994,400	6,787,300
Research Cottrell	Yes	2,044,990	5,650,590
Western Precipitator	No	1,666,000	5,891,100
Wheelabrator-Frye	Yes	2,358,787	6,504,087
Zurn Industries	No	2,074,119	6,683,919

Based on the recommendation of the consulting engineers and the Physical Plant staff, this is to recommend that a contract be awarded to Research Cottrell for the furnishing and erection of two baghouse filters at a cost of \$2,044,990. It should be noted that this cost is well within the original estimate for this phase of the project.

RESOLVED that the above recommendation be approved.

Unanimously approved on motion by Trustee Smydra, seconded by Trustee Carrigan-Strickland.

D. OTHER ITEMS FOR ACTIONOther Items
for Action1. Trustee AwardsTrustee Awards
Spring Term
1978

The students graduating at the 1978 spring term commencement who had the highest scholastic averages at the close of their last term in attendance and are therefore recommended to receive the Board of Trustees' Awards are:

First high woman - Ann Marie Francis, Lyman Briggs - Zoology major, 3.982 average, graduate of Our Lady of Mercy High School, Farmington, Michigan

First high man - Kevin Leonard Pokallus, Electrical Engineering major, 4.000 average, graduate of Pascagoula High School, Pascagoula, Mississippi

Second high woman - Mary Clare Gibbons, Dietetics major, 3.979 average, graduate of Ann Arbor Huron High School, Ann Arbor, Michigan

Second high man - Ian H. Redmount, Physics major, 3.983 average, graduate of Ridgway Area High School, Ridgway, Pennsylvania

RESOLVED that the Board of Trustees' awards be approved.

Unanimously approved. Motion by Trustee Stevens, seconded by Trustee Smydra.

2. Awarding of DegreesAwarding of
Degrees Spring
Term 1978

It is recommended that the appropriate degrees be awarded to those students who, according to the records of the Registrar, completed the requirements for graduating spring term 1978.

RESOLVED that the degrees be awarded as recommended.

Unanimously approved. Motion by Trustee Bruff, seconded by Trustee Carrigan-Strickland. Several Trustees expressed concurrence with Trustee Stack's suggestion that the Morrill Act, a greeting from the Alumni Association, or some other appropriate message be printed on the token diploma distributed to graduates at commencement. Secretary Ballard commented that the token diplomas presently contain an appropriate message from the President and indicated that the administration would follow up on this suggestion.

Other Items
for ActionD. OTHER ITEMS FOR ACTION, cont.

May 25-26, 1978

Honorary
Degrees3. Honorary Degrees

It is recommended that the following honorary degrees be awarded at the spring term 1978 commencement:

Thomas Stephen Foley	U.S. Congressman
Damon J. Keith	Judge, U.S. Court of Appeals

RESOLVED that the honorary degrees be awarded as recommended.

Unanimously approved on motion by Trustee Carrigan-Strickland, seconded by Trustee Martin.

Optical Scanner
for Learning
and Evaluation
Service4. Optical Scanner

The Learning and Evaluation Service unit maintains and operates the University's optical scanning scoring machine. The machine is an integral part of the system used to maintain student grade files. It is also used to score a large number of examinations each term, to machine score student evaluations of faculty, and it serves a variety of other purposes. We recommend the purchase of a new machine since the current model is beyond the limit of repair at any reasonable cost. The cost of a new optical scanner is \$75,000.

RESOLVED that \$75,000 be allocated to purchase an optical scanner for the Learning and Evaluation Service.

Approved by a vote of 7 to 0 on motion by Trustee Martin, seconded by Trustee Bruff. Trustee Radcliffe left the meeting just prior to this action.

Allocation for
Grounds Dept.
Budget5. Grounds Department Budget

Due to the major snowstorm of January 26 and the subsequent labor costs and necessary repairs to the University grounds, the Grounds Department budget is inadequate to meet the needs of this unit for the balance of this fiscal year. A summary of the abnormal charges incurred is as follows:

Overtime labor	\$23,800
Equipment rental	18,400
Fuel charges and equipment repair	<u>8,700</u>
	\$50,900

It is recommended that the budget for the Grounds Department be increased by \$50,900 for the balance of this fiscal year.

RESOLVED that the recommended budget allocation be approved.

Approved by a vote of 6 to 0 on motion by Trustee Bruff, supported by Trustee Smydra. Trustees Stack and Radcliffe were not present at the time the vote was taken.

1978-79 Resi-
dence Halls
Rates6. 1978-79 Residence Halls Rates

It is recommended that the double room dormitory rate be established at \$520 per term for the 1978-79 school year, effective with the fall term. This is an increase of \$30 per term over the current rate.

RESOLVED that the dormitory rate be increased as recommended.

Approved by a vote of 6 to 1 on motion by Trustee Carrigan-Strickland, seconded by Trustee Martin. Trustee Smydra voted No, and Trustee Radcliffe was not present at the time the vote was taken.

1978-79
University
Apartments
Rates7. 1978-79 University Apartments Rates

It is recommended that the University Apartments basic rates be established at \$148 per month for a one-bedroom apartment and \$156 per month for a two-bedroom apartment for the 1978-79 fiscal year, effective July 1, 1978. This is an increase of \$9 per month over the current rates.

RESOLVED that the University Apartments rates be approved as recommended.

Approved by a vote of 5 to 1 on motion by Trustee Carrigan-Strickland, seconded by Trustee Bruff. Trustee Smydra voted No and Trustees Stack and Radcliffe were not present at the time the vote was taken.

D. OTHER ITEMS FOR ACTION, cont.

May 25-26, 1978

Other Items for
Action8. Investment TransactionsInvestment
Transactions

Following policies adopted by the Board of Trustees, Scudder, Stevens & Clark completed investment transactions as reported in their tabulation dated April 18, 1978, copy of which is on file in the Secretary's Office.

RESOLVED that the Scudder, Stevens & Clark investment report be accepted.

Approved by a vote of 7 to 0 on motion by Trustee Krolikowski, seconded by Trustee Stevens. Trustee Radcliffe was not present at the time the vote was taken.

9. Faculty, Staff and Visitors Parking Regulation RevisionsFaculty, Staff
and Visitors
Parking Regula-
tion Revisions

Changes recommended by the All University Traffic Committee for the Faculty, Staff and Visitors Parking Regulation were distributed to the Trustees and are on file in the Secretary's Office. The Administration concurs in the recommended changes.

RESOLVED that the Faculty, Staff and Visitors Parking Regulation revisions be approved as recommended, to be effective September 1, 1978.

Approved by a vote of 6 to 0 on motion by Trustee Bruff, seconded by Trustee Smydra. Trustees Carrigan-Strickland and Radcliffe were not present at the time the vote was taken.

10. Student Motor Vehicle Regulation RevisionsStudent Motor
Vehicle Regula-
tion Revisions

The All University Traffic Committee's proposed revisions to the Student Motor Vehicle Regulation were distributed to the Trustees and are on file in the Secretary's Office. The Administration concurs in the recommended changes.

RESOLVED that the Student Motor Vehicle Regulation revisions be approved as recommended, to be effective September 1, 1978.

Approved by a vote of 6 to 0 on motion by Trustee Bruff, seconded by Trustee Smydra. Trustees Carrigan-Strickland and Radcliffe were not present at the time the vote was taken.

11. Direct Lending Student Guaranteed Loan ProgramDirect Lending
Student
Guaranteed Loan
Program

The Financial Aids Administrative Group has recommended that the University continue to offer the direct lending student guaranteed loan program and has recommended that the University borrow up to \$500,000 to provide a source of funding for this program for the 1978-79 fiscal year. The Administration concurs with this recommendation.

RESOLVED that the Vice President for Business and Finance be directed to complete financial arrangements for continuation of the above loan program with detailed financial arrangements to be approved by the Board of Trustees at a subsequent meeting.

Approved by a vote of 6 to 0 on motion by Trustee Stack, seconded by Trustee Smydra. Trustees Radcliffe and Martin were not present at the time the vote was taken. Trustee Smydra complimented the Financial Aids Office on its thorough and complete handling of financial aid requests.

12. Affiliation AgreementAffiliation
Agreement -
Col. of Agr. &
Nat. Res. and
Battle Creek
V.A. Hospital

The College of Agriculture and Natural Resources is requesting approval of an affiliation agreement between the University and the Veterans Administration Hospital in Battle Creek to provide practical experiences for students in its Department of Horticulture's Horticultural Therapy program.

The "Memorandum of Understanding" (which was distributed to the Trustees and is filed in the Secretary's Office) varies significantly from our typical affiliation agreements but it is the form required by the Veterans Administration. Another peculiarity of V.A. procedure is that the University is asked to approve the agreement before sign-off by the V.A.

The Memorandum of Understanding has been reviewed by the Office of the Dean, College of Agriculture and Natural Resources, the Office of the Provost, and by the University Attorney and comes to the Board of Trustees with the Administration's recommendation that it be approved.

RESOLVED that the affiliation agreement between Michigan State University through its College of Agriculture and Natural Resources and the Veterans Administration Hospital in Battle Creek be approved.

Approved by a vote of 6 to 0 on motion by Trustee Smydra, seconded by Trustee Bruff. Trustees Radcliffe and Martin were not present at the time the vote was taken.

Other Items
for Action

D. OTHER ITEMS FOR ACTION, cont.

May 25-26, 1978

Linton Hall
Alterations

13. Linton Hall Alterations

The Agricultural Experiment Station is expanding its operation as approved by Board action. This expansion requires additional space to accommodate the increased staff. Additionally, the consolidation of Instructional and Broadcast Television has released space in Linton Hall for reassignment. The Director of the Agricultural Experiment Station has requested that his unit be located in Agriculture Hall in its entirety, thus necessitating the relocation of another unit to Linton Hall. The Office of Facilities Planning and Space Management has developed a plan to relocate the Director of Information Services, News Information, and Sports Information to Linton Hall and allow the Agricultural Experiment Station to expand into the vacated space in Agriculture Hall.

The estimated cost for the alterations to Linton Hall required for the Information Services staff (Rooms 12, 12A, 12B, 116, 116A, 116B, 116D, 117, and 117A) is \$27,000. If approved by the Board of Trustees, this work will be funded by the Special Alterations and Improvements Account No. 11-5173.

Because this project is expected to cost in excess of \$25,000, Board approval to proceed is requested in accordance with the Board's resolution of May 22, 1975.

RESOLVED that the recommended alterations to Linton Hall are approved.

Approved by a vote of 6 to 0 on motion by Trustee Smydra, seconded by Trustee Bruff. Trustees Radcliffe and Martin were not present at the time the vote was taken.

Merging of
Engr. Instr.
Serv. into
Met., Mech. &
Mat Sci. eff.
July 1, 1978

14. College of Engineering Administrative Reorganization

The College of Engineering and the academic units concerned recommend that effective July 1, 1978 the Engineering Instructional Services and the Department of Metallurgy, Mechanics and Materials Science be merged into one administrative unit which will continue to carry the name of the Department of Metallurgy, Mechanics and Materials Science.

No curriculum or educational program will be changed as a part of this administrative reorganization in the College of Engineering. The combined department will continue to be responsible for the courses and programs that are currently the responsibility of each department individually and in addition will assume the responsibility for the Engineering Arts Program in the College as currently administered by the Office of Student Affairs.

The administrative reorganization will have no impact on students in terms of their degree programs and service courses will continue to be offered for other areas of the University.

RESOLVED that the Board of Trustees approves the merger of Engineering Instructional Services and the Department of Metallurgy, Mechanics and Materials Science into one unit named the Department of Metallurgy, Mechanics and Materials Science, effective July 1, 1978.

Approved by a vote of 6 to 0 on motion by Trustee Carrigan-Strickland, seconded by Trustee Smydra. Trustees Radcliffe and Martin were not present at the time the vote was taken. Provost Winder and Executive Vice President Breslin reported on the status of the proposed addition to the Engineering Building and the Metallurgy, Mechanics and Materials Science Department.

Reports to the
Board

E. REPORTS TO THE BOARD

President's
Report
1978-79 Budget

1. President's Report

a. 1978-79 Budget

President Harden reported on the status of legislative proceedings relative to the 1978-79 state appropriation. He stated that the University has had good hearings in both the House and the Senate and he is optimistic about the chances of a responsible budget this year.

b. University Group Insurance Program

President Harden also reported he had met with Professors Korth, Repas and Wilson as a follow-up to their presentation in a Public Comments session on the University's group insurance program. Dr. Harden will be reviewing the present program with University staff.

c. Performing Arts Center

The architects on the Performing Arts Center will be here in the near future and will be charged with restructuring the Center in view of the projected \$1,500,000 increase in cost. Every consideration will be given to keeping plans flexible enough to permit adding the theater wing on the present site. It is hoped that plans and specifications will be ready to go out for bidding in the near future.

Performing
Arts Center

Group Insurance
Program

2. Board Committee Reports

a. Investment Committee

Investment Committee

Trustee Krolikowski reported that the Faculty Committee on Academic Environment had presented its report on investments in companies doing business in South Africa. Because of its complex nature, the report will be presented to the full Board on Thursday, June 22.

Trustee Krolikowski also reported that the committee met with representatives of Callan Associates who outlined the scope of their investment review. It is hoped that the review process will be undertaken in September.

b. Audit Committee

Audit Committee

Trustee Stack reported that health programs and campus health facilities were discussed at a joint meeting of the Audit and Health Programs committees.

Trustee Stack also stated that the Audit Committee had received a report by James Lennon, Director of Data Processing, which indicated the reorganization of that department is proceeding successfully. In two months the Audit Committee will receive a report on the Data Processing Department from the Internal Auditor and Ernst and Ernst and Mr. Lennon will meet with the committee again at that time.

The Audit Committee also passed a resolution recommending that the Board approve revision in the Trustee Expenditure Guidelines as follows:

Revisions to Trustee Expenditure Guidelines approved

Amend Section II by adding a new subsection F. to read as follows:

"F. Any other provision of these guidelines notwithstanding, Trustees are authorized to receive advances on expenses only with specific prior approval of the Audit Committee."

Amend subsection II.b.3. after "II.B.1." by striking out the balance of the sentence and inserting "by submitting the receipt and the names of guests."

Amend subsection II.C.3. after "II.C.1" by striking out the balance of the sentence and inserting "by submitting the receipt and the names of guests."

Amend subsection II.D.2. after "II.B.1." by striking out the balance of the sentence and inserting "by submitting the receipt and the names of guests."

Amend Section I by designating the present section as subsection A. and adding a new subsection B. to read as follows:

"B. Nothing in these guidelines, however, shall authorize any Trustee to incur obligations exceeding \$200 in any one month without specific approval of the Audit Committee."

Trustee Stack moved approval of these revisions to the Trustee Expenditure Guidelines, effective with expenses incurred on and after June 1, 1978. Motion seconded by Trustee Smydra and approved by a vote of 6 to 0. Trustees Radcliffe and Martin were not present at the time the vote was taken. Copies of the complete Expenditure Guidelines, as revised, have been distributed to the Trustees and are filed in the Secretary's Office.

Trustee Stack also reported that the Audit Committee approved a request from Trustee Smydra that the Director of Internal Audit perform a special audit of his expenditures since January 1977 under the expenditure guidelines then in effect and issue a report to the Trustee Audit Committee.

Trustee Smydra requests his expenses since Jan. 1977 be audited

3. All-University Presidential Search and Selection Committee

All-University Presidential Search and Selection Com.

Trustee Bruff reported that the Committee expects to submit a job description, an evaluation sheet, and other proposals for Board action at the June Board meeting. After these proposals have received Board action, the Committee will begin consideration of present candidates and will search for additional candidates.

Reports to the Board

Resolution re Equal Rights Amendment

E. REPORTS TO THE BOARD, cont.

May 25-26, 1978

4. Equal Rights Amendment

At the April 28 Board meeting, Trustee Carrigan-Strickland was asked to draft a resolution requesting the Association of Governing Boards not to hold conventions in states that have not ratified the Equal Rights Amendment. The following resolution was proposed by Trustee Carrigan-Strickland:

RESOLUTION REGARDING UNIVERSITY RELATIONSHIPS WITH STATES WHICH
HAVE NOT RATIFIED THE PROPOSED EQUAL RIGHTS AMENDMENT TO THE
CONSTITUTION OF THE UNITED STATES

WHEREAS, on March 31, 1978 the Board of Trustees of Michigan State University adopted a resolution in support of House Joint Resolution 638 which would extend the Equal Rights Amendment ratification deadline to March 1986, and;

WHEREAS, the United States Congress has not yet acted upon House Joint Resolution 638, and;

WHEREAS, responses to the Board's March 31 resolution have been received from the offices of the President and Vice President of the United States, the Speaker of the House of Representatives and several members of the Michigan congressional delegation, and;

WHEREAS, these responses have been predominantly in favor of the position adopted by the Board of Trustees, and;

WHEREAS, the Board of Trustees has been urged to take further steps in support of its fundamental position with such lawful further actions as are not inimical to the interests of the University, and;

WHEREAS, such further lawful actions are those which are calculated to persuade states which have not yet ratified the Equal Rights Amendment to do so promptly, now;

THEREFORE, BE IT RESOLVED, that until the Equal Rights Amendment is incorporated in the Constitution of the United States, no member of the Board shall receive reimbursement for traveling to or conducting University business in any state which has not adopted the Equal Rights Amendment without specific prior approval of the Board's Audit Committee based on the Committee's judgment that such business is essential to the fulfillment of the University's obligations, and;

FURTHER, BE IT RESOLVED, that appropriate University officials contact organizations in which the University or its several units hold University-sponsored memberships urging those organizations to meet only in states which have ratified the Equal Rights Amendment, and;

FURTHER, BE IT RESOLVED, that the MSU Board of Trustees request that the Association of Governing Boards cancel meetings presently scheduled in states which have not ratified the ERA Amendment and not schedule further meetings in such states.

FURTHER, BE IT RESOLVED, that copies of this resolution be transmitted to the Michigan Association of Governing Boards and to the members of the Board of Regents, Governors and Trustees of other Michigan colleges and universities and that we encourage these to adopt similar resolutions.

FURTHER, BE IT RESOLVED, that copies of this resolution be published in the News-Bulletin and distributed to all unit administrators with the objective of encouraging all units to join in the spirit of this resolution in pursuing their own professional activities.

Trustee Carrigan-Strickland moved approval of the resolution, seconded by Trustee Smydra.

Trustee Smydra offered a friendly amendment to make the resolution's travel restrictions applicable to University employees as well as Trustees. Trustee Carrigan-Strickland responded that the application of travel restrictions to employees raised the question of infringement on the academic rights of the faculty. Trustee Stack pointed out this provision also would be administratively infeasible. Trustee Krolikowski added that the provision was unacceptable to him because he would view it as an improper prior restraint and an infringement on academic freedom.

Following this discussion Trustee Carrigan-Strickland indicated she was not willing to accept the friendly amendment, but that a formal amendment could be entertained. Trustee Smydra declined to offer a formal amendment.

Resolution unanimously approved.

E. REPORTS TO THE BOARD, cont.

May 25-26, 1978

Reports to the Board
Trustees' Expenses

5. Trustees' Expenses

Trustees' expenses paid in April 1978 totaled \$1,383.64, distributed as follows:

	<u>Bruff</u>	<u>Carrigan</u>	<u>Krolikowski</u>	<u>Martin</u>	<u>Radcliffe</u>	<u>Smydra</u>	<u>Stack</u>	<u>Stevens</u>
Long-distance Telephone Charges	\$19.94	\$ 2.22	\$6.30	\$ 7.42	\$ 61.53	\$219.77	\$8.16	\$ 3.05
Travel	--	54.60	--	298.00	110.00	248.68	--	79.50
Lodging and Subsistence	--	--	--	--	--	23.35	--	--
University Entertainment	--	--	--	43.30	27.84	122.31	--	--
Postage	5.36	13.74	--	--	.13	.13	--	3.92
Other	--	--	--	--	24.39	--	--	--
Total	\$25.30	\$70.56	\$6.30	\$348.72	\$223.89	\$614.24	\$8.16	\$86.47

Adjourned.

Edgar L. Harder

President

W. S. Ballard

Secretary