



2007 BOARD OF DIRECTORS

OFFICERS

Louis G. D'Alecy, D.M.D., Ph.D.
PRESIDENT
The University of Michigan

Cindy M. Hoorn, D.V.M., Ph.D.
VICE PRESIDENT
Pfizer Global R&D / Safety Science Kalamazoo

James W. Crissman, Ph.D.
SECRETARY
Crissman Toxicologic Pathology, LLC

Richard L. Malvin, Ph.D.
TREASURER
Emeritus – The University of Michigan

Rebecca Ellish-Stengle, M.P.H.
EXECUTIVE DIRECTOR
Michigan Society for Medical Research

BOARD MEMBERS

Lisa Baker, Ph.D.
Western Michigan University

Charles L. Bisgarier, Ph.D.
Pipex Therapeutics, Inc.

Alan P. Brown, Ph.D., D.A.B.T.
Pfizer Global R&D / Safety Sciences

Jean Y. Domoradzi, Ph.D.
Dow Corning Corporation

Basim A. Dubaybo, M.D.
Veterans' Administration Medical Center

Gregory D. Fink, Ph.D.
Michigan State University

Seymour Gordon, M.D.
EX OFFICIO

Molly Greene
Consultant

Gary L. Hofing, D.V.M., Ph.D.
EX OFFICIO
Consultant

Karen L. Hudson
Private Citizen

Babette Krause
Private Citizen

Jane M. Lacher, D.V.M.
Dow Chemical Company

Edward P. Nagel
Consultant

Paul E. Newton, Ph.D., D.A.B.T.
MPI Research

Noreen F. Rossi, M.D., F.A.C.P.
Wayne State University

Robert E. Sigler, Ph.D.
Esperion Therapeutics Div., Pfizer, Inc.

Gary V. Tucker, Esq.
Covance Research Products, Inc.

EMERITUS BOARD PRESIDENTS

Bennett J. Cohen, D.V.M.
Richard L. Malvin, Ph.D.
Christine S.F. Williams, BV.Sc., M.R.C.U.S.
William Beierwaltes, Ph.D.
Seymour Gordon, M.D.
Robert Pittman, Ph.D.
Gary L. Hofing, D.V.M., Ph.D.

MEMBERS & SUPPORTERS

INSTITUTIONAL MEMBERS

BioPort Corporation
Dow Chemical Company
Dow Corning Corporation
Michigan State University
Pfizer Global R&D / Ann Arbor Site
Pfizer, Inc.
The University of Michigan
Wayne State University

ORGANIZATIONAL MEMBERS

American Association of Laboratory Science
(Michigan Branch)
American College of Cardiology *(Michigan Chapter)*
American Heart Association *(Michigan Affiliate)*
American Veterinary Medical Association
(Michigan Chapter)
Barbara Ann Karmanos Cancer Institute
Children's Leukemia Foundation of Michigan
Covance Research Products, Inc.
Esperion Therapeutics, Inc., Div. of Pfizer Global R&D
Harlan Sprague Dawley, Inc.
Henry Ford Hospital
MPI Research
Providence Hospital
R&R Research
Society of Toxicology *(Michigan Chapter)*
St. John Hospital
The American Physiological Society
Western Michigan Regional Laboratory
Western Michigan University
William Beaumont Hospital

SPECIAL PROGRAM SPONSORS

Charles River Laboratories Foundation
The Ester A. and Joseph Klingenstein Foundation
The National Kidney Foundation of Michigan, Inc.
Pfizer Community Grant, Science Education
MI Science Teachers Association, In-Kind Contribution

The Michigan Society for Medical Research extends a special thanks to Pfizer for their generous support of the 2007 MISMR Annual Essay Contest through a community grant for science education.



MISMR

Annual Meeting & Educational Symposium



NIH Focus on Systems Biology Intensifies Need for Animals in Biomedical Research

Wednesday

April 11, 2007

12:00 PM — 4:00 PM

University Club
Michigan State University

Lansing, Michigan

Michigan Society for Medical Research

PROGRAM

12:00 PM **Welcome & Luncheon**

1:15 PM **Keynote Address**

Introduction:

Louis G. D'Alecy, D.M.D., Ph.D

NIH Focus on Systems Biology Intensifies Need for Animals in Biomedical Research

— **Allen W. Cowley, Jr., Ph.D.**

Chairman & Professor of Physiology,
Medical College of Wisconsin

2:15 PM **Break**

2:30 PM **Award Presentations**

Introduction:

Louis G. D'Alecy, D.M.D., Ph.D

● **Bennett J. Cohen Educational Leadership Award**

Introduction:

Louis G. D'Alecy, D.M.D., Ph.D

— **Susan R. Stapleton, Ph.D.**

Professor of Physiology &
Biological Sciences,
Medical College of Wisconsin

● **Science Education Award**

Introduction:

Karen L. Hudson

Vet-A-Visit Program

Represented By:

— **Sarah K. Abood, D.V.M., Ph.D.**
& **Sarah Llyse Jacob**

College of Veterinary Medicine,
Michigan State University

● **Student Essay Contest**

Introduction:

Gregory D. Fink, Ph.D.

— **Emily Bolthouse** (Student)

— **Mary Lindow** (Teacher)

4:00 PM **Wrap-up**

*Special thanks to support staff
Terry Fracala & Robin Hite*



KEYNOTE SPEAKER

Allen W. Cowley, Jr., Ph.D.

Over the past decade a remarkable number of novel technologies have been developed with the goal of understanding the relationships of genes to biological functions and diseases. However, the ultimate application of these powerful new tools that enable determination of gene expression, molecular modification, deletion, addition, or over expression of specific genes has required the increasing utilization of various experimental organisms.

As a result of this work and the importance of these model systems, the animal populations and the facilities required to house and care for them have increased exponentially. An example of one such large scale effort is provided within the Medical College of Wisconsin (The Program of Genomic Applications supported by NHLBI) that is directed at relating genes to cardiovascular function.

In brief, the presentation will show how biomedical research in the post-genomic era has resulted in an even greater dependence upon the development and use of animal model systems.

BENNETT J. COHEN EDUCATIONAL LEADERSHIP AWARD

Susan R. Stapleton, Ph.D.



Dr. Susan R. Stapleton, Professor of Chemistry and Biological Sciences at Western Michigan University (WMU), is internationally recognized for her research expertise in the area of understanding the regulation of carbohydrate and fatty acid metabolism, including the relationship to metabolic disorders such as diabetes. As PI of a National Science Foundation (NSF) Research Experience for Undergraduates program funded at WMU since 1999, she has opened the doors for others to engage in science learning and research opportunities at WMU. Since 2005, Dr. Stapleton has served as WMU's Director of the NSF-funded Michigan Alliance for Graduate Education Program (AGEP), which promotes the career development of graduate students from under-represented groups in science, technology, mathematics and engineering fields (STEM).

SCIENCE EDUCATION AWARD

Vet-A-Visit Program

Represented By: Sarah K. Abood, D.V.M., Ph.D.



On March 31, 2007 the College of Veterinary Medicine at Michigan State University celebrated it's annual open house, called Vet-A-Visit, for the 42nd year. This highly successful outreach program engages children and families to respect animals and the importance they play in our lives. Dr. Sarah K. Abood is accepting the award on behalf of the program. She has been the faculty advisor for the past 8 years working closely with a revolving group of dedicated students who commit their time and talents to make sure guests at Vet-A-Visit learn something new, make contact with animals, and enjoy the opportunity to tour the veterinary medical complex. MISMR has been involved with the program for about 15 years, providing displays and educational handouts.

STUDENT ESSAY CONTEST

Emily Bolthouse — 1st Place Winner

Mary Lindow — Teacher



Essay Title: *Animals Pass the Test*

Battle Creek Area
Math & Science Center,
Battle Creek, Michigan



PROGRAM CHAIRPERSONS

Louis G. D'Alecy, D.M.D., Ph.D.
Gary L. Hofing, D.V.M., Ph.D.

EDUCATION CHAIRPERSON

Gregory D. Fink, Ph.D.