

MICHIGAN SOCIETY FOR MEDICAL RESEARCH

Annual Meeting &
Educational Symposium

PANDEMIC PREPAREDNESS

*Looking Beyond
the Obvious*

Wednesday,
April 29, 2009

12:00 PM – 4:00 PM

Kellogg Hotel & Conference Center
Michigan State University



registration
deadline: April 13, 2009

For Additional Information Contact MISMR:
tel (734) 763-8029 e-mail mismr@umich.edu

keynote address

Pandemic Preparedness: Looking Beyond the Obvious



keynote speaker

Robert Root-Bernstein, PhD
Professor of Physiology and
historian of science at Michigan
State University, as well as an
inventor and prolific author.
Books include: *Discovering;*
Rethinking Aids; Honey, Mud,
Maggots, and Other Medical
Marvels; and Sparks of Genius.

AIDS, SARS, and the threat of pandemic influenza remind us daily that there **will be** another pandemic in our future. We all know that we need to be able to respond more rapidly than in the past to the emergence of such new diseases, or a bioterror threat. A great deal of effort “appropriately” is therefore being spent on studying the molecular biology of pandemic agents, devising better and faster ways to produce larger batches of vaccines, more effective antivirals, and better early diagnostic and detection systems. These are the obvious things to do to prepare for the next pandemic. But medical history is full of examples of the obvious being inadequate.

So let me take you through a journey of medical ignorance that I hope will convince you that there are many questions we have yet to ask, the answers to which may be just as important for preparing for future pandemics as are the obvious ones. These include asking questions such as:

- Under what socio-economic, public health and epidemiological circumstances do pandemics arise?
- Could those circumstances be predicted?
- What might those circumstances tell us about how to control the emergence of pandemics or slow them down?
- Are pandemics actually transmitted by single pathogenic organisms or might they arise when combinations of diseases synergize?

Juxtaposing medical history with current research and practice will tell us not only what we do know, but also what we do not, about planning innovatively and effectively for the pandemics of the future.

- If pandemics are synergistic diseases, how would that change our understanding of the nature of pandemic diseases, their detection, diagnosis, treatment, control and epidemiology?
- Is it the disease agent or the immune response to the disease agent that is actually fatal?
- If the immune response is part of the problem, have we focused too narrowly on treatments of disease agents instead of ways to modulate our response to them?
- Finally, if we could better define these questions, would we be doing different kinds of research and development in preparation for the next pandemic; would we respond differently; and would we stockpile materials that we have not yet considered having on hand?

PROGRAM CHAIRPERSONS:

Charles L. Bisgaier, PhD • Alan P. Brown, PhD, DABT • Theodore Sanders, Jr., DVM, MS, DACLAM

MICHIGAN SOCIETY FOR MEDICAL RESEARCH

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program

- 12:00 PM WELCOME & LUNCHEON**
- 1:00 PM 2009 AWARDS PRESENTATION**
The Seymour Gordon Science Education & Advocacy Award
 Shirley Wroblewski, Medical Research Associate & Educator, University of Michigan
Student Essay Contest
- 2:30 PM KEYNOTE ADDRESS**
Pandemic Preparedness: Looking Beyond the Obvious
 Robert Root-Bernstein, PhD, Professor of Physiology, Michigan State University
- 4:00 PM WRAP-UP**

registration

Preregistration is Required
No Walk-in Registration

REGISTRATION FEE

For registration **by April 13, 2009** the fee is \$50.00 for each participant.
 For registration **after April 13, 2009** the fee is \$60.00 for each participant.
 Registration fee includes: meeting attendance, lunch, refreshment breaks, hard copy materials, parking validation, and other amenities involved in creating a rewarding learning experience.
 Sorry, no credit cards can be accepted. Make checks or Money Order payable to MISMR. Payments must be in US funds and payable on a US bank.

CANCELLATIONS

Cancellations submitted in writing **prior to April 13, 2009** are necessary for reimbursement of the registration fee minus a \$25.00 administration fee. Cancellations **after April 13, 2009** will not be refunded.
 MISMR reserves the right to cancel the meeting and return all fees. Liability is limited to the registration fee. MISMR will not be responsible for any losses incurred by registrants including, but not limited to, airline cancellation charges or hotel deposits.
 Participation of women, racial/ethnic minorities, persons with disabilities, and other individuals who have been traditionally under represented in science, is encouraged.

SPECIAL NEEDS AND/OR QUESTIONS

If you have special needs, require special accommodations, or have questions about registration, please contact Executive Director of MISMR Rebecca Elish-Stengle, MPH, at (734) 763-8029 or e-mail: mismr@umich.edu.
 For a vegetarian meal please check the box on the registration form.

KELLOGG HOTEL & CONFERENCE CENTER

Michigan State University • 55 South Harrison Ave. • East Lansing, Michigan
 Phone: (517) 432-4000 Hotel Reservations: (800) 875-5090
 Parking is adjacent to the center. Please bring your parking stub with you for validation.

Driving Directions:

- FROM ANN ARBOR:** I-23 North to I-96 West, to US-127 (exit 106) North (3.1 miles) to Trowbridge Rd. exit East (.5 miles) to Harrison Ave.; turn left North approximately 1 mile on the right (4 traffic lights up).
- FROM DETROIT**
 I-96 West to US-127 (exit 106) North (3.1 miles) to Trowbridge Rd. exit East (.5 miles) to Harrison Ave.; turn left North approximately 1 mile on the right (4 traffic lights up).
- FROM GRAND RAPIDS**
 East on I-96 to I-496 (exit 95) East (9.7 miles) to Trowbridge Rd. (exit 9) East (.5 miles) to Harrison Ave.; turn left North approximately 1 mile on the right (4 traffic lights up).
- FROM KALAMAZOO**
 I-94 East to I-69 North, to I-496 East; East (5 miles) to Trowbridge Rd. (exit 9) East (.5 miles) to Harrison Ave.; turn left North approximately 1 mile on the right (4 traffic lights up).

registration form

Please type or print and complete the following information for each participant and return the registration form with your check or Money Order **by April 13, 2009** to:

Rebecca Elish-Stengle, MPH
 Michigan Society for Medical Research (MISMR)
 P.O. Box 3237 • Ann Arbor, MI 48106-3237
 tel (734) 763-8029 fax (734) 930-1568 e-mail mismr@umich.edu

NAME _____

COMPANY / INSTITUTION _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

PHONE _____

FAX _____

E-MAIL ADDRESS _____

If you do not have access to e-mail, PLEASE indicate another method including alternative e-mail addresses for providing you with updates.

Total Amount Enclosed \$ _____

Please check if you would like a vegetarian meal provided.

MISMR Individual Membership

Please check one: RENEW NEW MEMBER

Please check one: Life (\$350) Patron (\$200) Benefactor (\$75)

Associate (\$35) Student (\$15) Other \$ _____

Please make your tax-deductible contribution payable to MISMR and mail your check or Money Order along with your meeting registration fee.

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