2005-03

General Schedule

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114th Annual Meeting
Hosted by
Bowling Green State University
April 1-2, 2005

About the Annual Meeting
The Ohio Academy of Science's Annual Meeting is for academic, governmental, and industry scientists and engineers, university and pre-college educators and teachers, and pre-college, undergraduate, and graduate students, and interested lay citizens in the Ohio region.

Welcome!
Bowling Green State University welcomes you to the 114th Annual Meeting of The Ohio Academy of Science. We invite you to explore our campus and to share in the excitement and opportunities provided in this program.

REGISTRATION: Registration is required for all meeting presenters and attendees. On-site registration will be available at a higher rate. The Ohio Academy of Science must receive forms by March 23, 2005. Please use Registration Form on the last page. Mail completed form and fee to:

OAS Annual Meeting Registration
The Ohio Academy of Science
PO Box 12519
Columbus OH 43212-0519
FAX 614/488-7629 (for Credit Card or PO only)

Registration by credit card or purchase order only will be accepted by FAX at 614/488-7629. Your registration materials, receipt, and name tag will be ready at the meeting registration desk upon your arrival. For further information, please call 614/488-2228.

An Adobe PDF form is available at:
http://www.ohiosci.org/BGSURegistrationForm.pdf

Online payment option www.merchantamerica.com/ohiosci

Friday, April 1: Registration will not be open on Friday.

Saturday, April 2: Registration in Olscamp Hall from 8:00AM-3:00PM. On-site registration is possible by check, VISA, or MasterCard. Cash is discouraged.

SATURDAY PARKING: From I-75 North or South turn onto Wooster Street heading west. Turn right on Mercer Street, then left on Ridge Street. Use Lot N on the left or Lot 1 on the right. Follow the signs. Disregard parking meters on Saturday.

SMOKING POLICY: Smoking is not permitted in any building.

MEALS: Friday, April 1. None planned. Saturday, April 2. Lunch available on campus and nearby. See p. 4 for list of local restaurants.

HOUSING: Please contact hotels and motels directly. Very limited overnight accomodations are available in Bowling Green. Please review options at the following websites:

Bowling Green: www.visitbgohio.org Click on visitor's guide; choose the guide: accommodations
Findlay: www.2chambers.com/findlay_ohio.htm Click on Check Area Motel Rates
Perrysburg: www.2chambers.com/perrysburg_ohio.htm Click on Check Area Motel Rates

GENERAL SCHEDULE

Friday, April 1, 2005
3:00 PM-5:00 PM The Ohio Academy of Science Board of Trustees Meeting
Student Union (Bldg. 69)

Saturday, April 2, 2005
8:00AM-3:00PM General Meeting Registration
Lobby of Olscamp Hall (Bldg. 45)
9:00 AM -11:00 AM Morning poster and podium sessions in Room 101 B Olscamp Hall (Bldg. 45)
11:15 AM - 12:00 Noon
All Academy Lecture
Auditorium, Olscamp Hall (Bldg. 45)

Strategic Research Issues Facing the Great Lakes
ROY A. STEIN, PhD
Aquatic Ecology Laboratory
Department of Evolution, Ecology, and Organismal Biology
The Ohio State University

A author of more than 120 presentations at regional, national, and international meetings (many of which have won prestigious “best-paper” awards), 85 peer-reviewed journal publications, and graduate mentor to 14 PhD and 23 Master’s students, Dr. Stein (BS, University of Michigan - Ann Arbor; MS, Oregon State University; PhD, University of Wisconsin - Madison) is an international expert in ecology working in both inland lakes and the Great Lakes. His advice is solicited from a variety of agencies in the Great Lakes Basin including Illinois-Indiana Sea Grant, Ohio Sea Grant, Wisconsin Sea Grant, Michigan Sea Grant, and New York Sea Grant. That his research is at the forefront of his field is further evidenced by the fact that he has received
extramural funding continuously (more than 40 awards exceeding $7 M) from a variety of funding agencies, including the National Science Foundation and the Ohio Division of Wildlife since joining the OSU faculty in 1976. He has served on research advisory panels to the National Science Foundation, the Lake Erie Protection Fund, Lake Michigan Trust Fund, the New York Sea Grant, the Illinois-Indiana Sea Grant, the National Sea Grant Program, and he has served as a member of the editorial boards of the following journals: the flagship journal of the American Fisheries Society, *Transactions of the American Fishery Society* (and as a Field Editor); the *American Midland Naturalist*, the primary outlet for fisheries research in Canada, the *Canadian Journal of Fisheries and Aquatic Sciences*, and the lead journal for applied science of the Ecological Society of America, *Ecological Applications*. In addition, Dr. Stein is an elected Fellow of the American Association for the Advancement of Science and has been recognized as a distinguished graduate of Oregon State University. Dr. Stein’s service in the area of aquatic ecology and fisheries biology has not gone unrewarded for he has received the following awards: 2003 – Excellence in Research and Graduate Education (OSU College of Biological Sciences); 1992 - Excellence in Fisheries Education (American Fisheries Society); 1986 - Distinguished Service Award (American Fisheries Society); 1984 - Distinguished Service Award (OSU Council of Graduate Students); 1982 - Sigma Xi Research Award (Sigma Xi, The Scientific Research Society).

12:00 Noon Lunch

See page 4 for roster of various restaurants nearby or obtain lunch in the Union.

12:00 Noon OFFICIAL NOTICE of Annual Business Meeting for Academy Members Only

Room 121, Olscamp Hall

1:30 PM-3:00 PM All-Academy Symposium:

Room 101 B Olscamp Hall

*Establishing a Research Agenda for the Social, Economic and Environmental Impacts of Contained Animal Feeding Operations*

3:00 PM- 5:00 PM Afternoon poster and podium presentations, Olscamp Hall

**About Our Host**

Chairperson, Local Arrangements: DR. LEE M. MRESERVE, Professor of Biological Sciences and Past Editor, *The Ohio Journal of Science*. Assisted by Ms. DEBRA McLEAN, Dept. of Biological Sciences.

**About Bowling Green State University**

Bowling Green State University offers students an excellent educational experience with an emphasis on preparing the engaged citizens of tomorrow. A focus on critical thinking and values makes BGSU’s programs distinctive among institutions of higher learning.

Founded in 1910, the University is dedicated to providing a wide array of quality academic programs in a learning environment that promotes academic and personal excellence as well as an appreciation of intellectual, ethical and aesthetic values. A state-assisted, residential institution, the University has an enrollment of approximately 20,000 students on two campuses and approximately 860 full-time faculty.

More than 200 undergraduate majors and programs are offered, along with master’s degree programs in 65 fields, two specialist degree programs and doctoral programs in 16 areas. Fully accredited by the Higher Learning Commission and a member of the North Central Association, the University comprises the Graduate College and seven undergraduate colleges: Arts and Sciences, Business Administration, Education and Human Development, Health and Human Services, Musical Arts, Technology, and the regional BGSU Firelands in Huron, Ohio. Numerous programs within these colleges are accredited by their respective national accrediting agencies.

Bowling Green produces highly qualified graduates in both the sciences and humanities. Nationally known programs in organizational development, college student personnel and popular culture attract interest nationally and internationally. BGSU is widely known for programs in photochemical sciences and popular culture studies, along with teacher preparation.

With a strong belief in the value of hands-on learning, the University offers students many opportunities to engage in meaningful research on both the undergraduate and graduate levels. The Office of Undergraduate Research helps coordinate projects and identify resources for faculty and students.

This emphasis on student research has netted BGSU eight Goldwater Scholarships—one of the nation's most prestigious awards for students studying mathematics, natural sciences or engineering—in the last seven years.

The University’s research centers—including Photochemical Sciences; Family and Demographic Research and the John Paul Scott Center for Neuroscience, Mind and Behavior—have gained international attention and produce outstanding young scientists.

Because of its leadership in the areas of photochemistry and phototechnology, Ohio Gov. Bob Taft in 2003 presented BGSU $2 million in funding to create a new photoinstrumentation and photopolymerization laboratory as part of his Third Frontier program aimed at creating investment and employment opportunities in the state through development of technology.

Bowling Green has also been nationally recognized for its undergraduate residential learning communities, which provide a comprehensive academic and social learning environment. Providing the academic and social support needed for all students to be successful is a shared goal across campus.

Extensive state-of-the-art facilities support the work of faculty members and students at BGSU. The University Libraries provide a gateway to several million items on site and online, including resources of the Music Library and Sound Recordings Archives,
Popular Culture Library, Curriculum Resource Center, Historical Collections of the Great Lakes and Center for Archival Collections.

The University is also committed to its role as a community partner and resource, working with businesses, schools and organizations to serve the needs of the region and state.

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Area Restaurants:

Call of the Canyon Cafe: Sandwiches, soups, chili, burritos and homemade desserts. Open lunch and dinner. Closed Sunday. 109 N. Main, BG 419-353-2255

Cohen & Cooke World Market & Eatery: Deli-style sandwiches made to order, fresh breads, evening 5 or 7 course meals. Open lunch and dinner. Closed Sunday. 109 S. Main, BG 419-353-0010

Cucina di Betto: Tried and true Italian dining brought to you by the DiBenedetto family. Open for dinner. 121 S. Main, BG 419-352-3886

Easy St. Cafe: Appetizers to dinners—47 sandwiches. Open lunch and dinner. 104 S. Main, BG 419-353-0988

Junction Bar & Grill: Lunch, dinner, steaks, ribs, soups, sandwiches, large vegetarian menu. 110 N. Main, BG 419-352-9222

Kermits: Breakfast, lunch, supper. Classic diner with all the fixings of a homemade meal. 307 S. Main, BG 419-354-1388

Panera Bread: Fresh baked breads and pastries, sandwiches including Hot Panini, soups, specialty coffees. Breakfast, lunch and dinner. 145 S. Main, BG 419-352-7100.

SamB's: Fresh seafood daily. Steaks, salads, soups, sandwiches, and homemade desserts. Extensive wine selection. Open lunch and dinner. 163 N. Main, BG 419-353-2277


Court St. Coffeehouse: Doughnuts, coffees, teas. 130 E. Court St., BG 419-354-6464.

Ben's Table: Classic family restaurant. Open breakfast, lunch and dinner. 1021 S. Main, BG 419-352-1060

Bob Evans: 1726 E. Wooster, BG 419-352-2193

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