



REGISTRATION & CALL FOR ABSTRACTS

# Seventh Annual Meeting of the International Association of Medical Science Educators

*A program joint-sponsored by the  
International Association of Medical Science Educators  
and Georgetown University School of Medicine*

July 19–22, 2003

Georgetown University  
Conference Center  
Washington, D.C., U.S.A.

LAMSE



[www.iamse.org](http://www.iamse.org)



# Dear Colleagues...

*It is our pleasure to invite you* to join us for the Seventh Annual Meeting of the International Association of Medical Science Educators (IAMSE) to be hosted and joint-sponsored by Georgetown University School of Medicine. These Annual Meetings, like IAMSE itself, are designed to explore both current trends and future directions in medical science education. Our focus this year is inward as we acquaint ourselves with new definitions of scholarship and rethink our efforts within the context of recent global events and their resultant challenges to medicine. This view is augmented by demonstrating technological advancements used in both teaching and learning, which are rapidly becoming essential tools of our trade. Human patient simulators and hand-held devices for managing data, the explosion of Internet communications and Web-accessible databases—all resources that facilitate and complement the psychology of adult learning.

Conferees will attend plenary session presentations by acknowledged experts, which serve as the anchor points for several small group sessions, and through discussion and workshops, permit expansion on related topics. Poster presentations reflecting a wide range of participant interests will be displayed throughout this meeting. We invite your submission as described in this brochure. Please note that the deadline for receipt of abstracts is *March 15, 2003*.

Unlike most conferences, expenses for IAMSE meetings are purposely simplified with almost all (except for travel and hotel) wrapped into one registration fee. That means breakfasts, refreshment breaks, and lunches are included, as are the evening events of our Opening Reception, Gala Dinner, and Social Event. This year's Social Event will be an evening dinner cruise on the Potomac River offering dramatic views of some of the most famous monuments in the United States. Please note that special discounted registration rates apply for all members of IAMSE. One option being offered again this year for non-members is a special package that includes registration plus a one-year membership in IAMSE.

The International Association of Medical Science Educators prides itself on being an interdisciplinary professional organization dedicated to promoting the teaching and learning of medical science. Our membership, currently in 50 countries, is comprised primarily of those who teach the subjects arising from the traditional disciplines of Anatomy, Behavioral Sciences, Biochemistry, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. Members and Annual Meeting participants also include clinical faculty members, curriculum planners, medical school deans, deans for medical education, curriculum, faculty development, CME—and indeed, all those who support science as the foundation of clinical medicine.

We cordially invite you to join us in July to participate in this international event. Those of us in IAMSE and at Georgetown University are proud to welcome you to Washington, D.C., the capital city of the United States, with its history and tradition of American hospitality.

**Roger Koment, Ph.D.**  
Executive Director of IAMSE

**Giulia Bonaminio, Ph.D.**  
President of IAMSE

**Aviad Haramati, Ph.D.**  
Host and Site Director

**Gary Rosenfeld, Ph.D.**  
Program Committee Chair

# Speakers and Committee

## Featured Speakers

**Richard Carmona, M.D.** (Invited)

Surgeon General of the United States of America  
Washington, D.C., United States

**Ruth-Marie Fincher, M.D.**

Professor and Vice Dean for Academic Affairs  
Medical College of Georgia  
Augusta, Georgia, United States

**James Gordon, M.D., M.P.A.**

Director, MEC Program in Medical Simulation  
Harvard Medical School  
Boston, Massachusetts, United States

**Ronald Harden, M.D., F.R.C.P., F.R.C.S.**

Postgraduate Dean and Director  
Centre for Medical Education  
University of Dundee, Scotland, United Kingdom

**William Mallon, Ed.D.**

Director of Organization and Management Studies  
Association of American Medical Colleges  
Washington, D.C., United States

**Donald Melnick, Ph.D.**

President  
National Board of Medical Examiners  
Philadelphia, Pennsylvania, United States

**Joel Michael, Ph.D.**

Professor of Molecular Biophysics & Physiology  
Rush Medical College  
Chicago, Illinois, United States

**Geoff Norman, Ph.D.**

Director, Program for Educational Development  
McMaster University Faculty of Health Sciences  
Hamilton, Ontario, Canada

**Amitai Ziv, Ph.D.**

Director of the Israel Center for Medical Simulation  
The Chaim Sheba Medical Center  
Tel Aviv University  
Tel Aviv, Israel

## Host & Site Director

**Aviad Haramati, Ph.D.**

Professor and Director of Education  
Department of Physiology and Biophysics  
Georgetown University School of Medicine  
Washington, D.C., United States

## Program Committee

**Gary Rosenfeld, Ph.D.** (Chair)

Professor and Assistant Dean for Educational Programs  
University of Texas Houston Medical School  
Houston, Texas, United States

**M. Brownell Anderson, M.Ed.**

Sr. Associate Vice President  
Division of Medical Education  
Association of American Medical Colleges  
Washington, D.C., United States

**Rosalie Ber, M.D., D.Sc.**

Head, Department of Medical Education  
Bruce Rappaport Faculty of Medicine  
Technion-Israel Institute of Technology  
Haifa, Israel

**Kenneth Dretchen, Ph.D.**

Chair, Department of Pharmacology  
Georgetown University School of Medicine  
Washington, D.C., United States

**Charles Hitchcock, M.D., Ph.D.**

Professor of Pathology  
Ohio State University College of Medicine  
Columbus, Ohio, United States

**Marivic Villamor, M.D.**

Chair, Department of Biochemistry  
Angeles University College of Medicine  
Angeles City, Philippines

**E. Pat Finnerty, Ph.D.** (*Ex Officio* 2002 Chair)

Professor of Physiology/Pharmacology  
Des Moines University Osteopathic Medical Center  
Des Moines, Iowa, United States

**Thomas Schmidt, Ph.D.** (*Ex Officio* 2004 Chair)

Professor of Physiology & Biophysics  
University of Iowa College of Medicine  
Iowa City, Iowa, United States

## Meeting Leadership

**Roger Koment, Ph.D.**

Executive Director of IAMSE  
Springfield, Virginia, United States

**Julie Hewett**

Secretariat of IAMSE and Meeting Organizer  
Huntington, West Virginia, United States

# Meeting Information

## Meeting Description

This meeting will provide a forum for medical faculty to gain a better understanding of how the fundamental sciences may be more effectively presented so that they are relevant and appropriate to the needs of those in medical training.

## Intended Audience

This meeting is designed for those who have responsibility for teaching the fundamental sciences of medicine, which we define as those subjects arising from the traditional disciplines of Anatomy, Behavioral Science, Biochemistry, Microbiology and Immunology, Pathology, Pharmacology, and Physiology. We especially welcome IAMSE members and others representing allopathic, osteopathic, podiatric, and chiropractic schools, as well as those from dental and veterinary colleges. Colleagues from the clinical disciplines of medicine are also encouraged to participate.

## Meeting Venue

Georgetown University, one of the nation's premier institutions of higher learning, was founded in 1789 and has grown to include more than 12,000 students in its four undergraduate and professional schools of law and medicine. Its programs and philosophy are guided and inspired by the university's Catholic, Jesuit tradition, which embraces a commitment to ethics, service, compassion and humanism, and an openness to all religious professions. The university's guiding principle is a deep belief in the freedom of inquiry and the development and dissemination of new knowledge. The School of Medicine was founded in 1851, and is now part of a world-class academic medical center dedicated to the advancement of health and the improvement of the human condition through innovative medical education, advanced biomedical research, and excellent patient care.

## Registration

Complete the attached registration form and return by mail, fax, or on-line submission with the appropriate fees. The meeting registration fee includes tuition, the final program, continental breakfasts, luncheons, refreshment breaks, the Opening Reception, and the Washington Potomac River Cruise and Dinner. The faculty development course fee includes tuition and course materials. The meeting facilities impose a maximum number of registrants. Therefore, to avoid disappointment we encourage you to register as soon as possible. A letter of confirmation will be sent upon receipt of payment and the completed registration form.

The on-site meeting registration desk will be in the Georgetown University Conference Center and open at the times listed below.

- *Friday, July 18:* 4:00–6:00 p.m.
- *Saturday, July 19:* 7:00–9:00 a.m.  
3:00–6:00 p.m.
- *Sunday, July 20:* 7:00 a.m.–2:00 p.m.
- *Monday, July 21:* 7:00 a.m.–5:30 p.m.
- *Tuesday, July 22:* 7:30 a.m.–12:30 p.m.

## Cancellation Policy

Your registration fee, less a \$100 U.S. administrative fee, will be refunded when the IAMSE Business Office receives written notification before July 1, 2003. Substitutions can be made. No refunds will be made after July 1, 2003.

## Travel Arrangements

The Washington, D.C. area is served by three international airports. These are Washington (Reagan) National Airport (DCA), Dulles Airport (IAD), and Baltimore Washington Airport (BWI). DCA and IAD are the closest to Georgetown and taxi fare is approximately \$25 U.S. (DCA), \$50 U.S. (IAD) and \$60 U.S. (BWI). Shuttle service is also available. Further information is posted on our web site at [www.iamseconference2003.org/travel.htm](http://www.iamseconference2003.org/travel.htm).

## Lodging Accommodations

Blocks of guestrooms have been reserved with special meeting rates at the following hotels. To ensure accommodations and the discounted rate, please make your reservations by June 21, 2003, and identify yourself as a participant of the Seventh Annual IAMSE Meeting.

### GEORGETOWN UNIVERSITY CONFERENCE CENTER

3800 Reservoir Road, NW  
Washington, DC  
Tel: 1-800-228-9290 (calling from U.S. & Canada)  
Tel: 1-202-687-3232  
Fax: 1-202-687-3291  
\$145 U.S. single/double  
[www.conferencecenters.com/WASGU/](http://www.conferencecenters.com/WASGU/)

### KEY BRIDGE MARRIOTT (*Shuttle bus available*)

1401 Lee Highway, Rosslyn, VA  
Tel: 1-703-524-6400  
Fax: 1-703-524-8964  
\$119 U.S. single/double  
[www.marriott-hotels.com/WASKB/](http://www.marriott-hotels.com/WASKB/)

### GEORGETOWN HOLIDAY INN

2102 Wisconsin Avenue, NW  
Washington, DC  
Tel: 1-202-338-4600  
Fax: 1-202-338-4458  
\$119 U.S. single/double  
[www.higeorgetown.com](http://www.higeorgetown.com)

### GEORGETOWN UNIVERSITY STUDENT DORMITORIES

A limited number of dormitory rooms are available for \$60 U.S. per night, single/ double, for those on an economy budget. Please contact Alana Weinstein.  
[weinsta@georgetown.edu](mailto:weinsta@georgetown.edu)  
Tel: 1-202-687-1021  
Fax: 1-202-687-7407

## Colleague Match Service

A "colleague match" service is available if you wish to share a room with another meeting registrant of the same gender. Please contact Alana Weinstein for further details



## Social Programs

### OPENING CEREMONY AND RECEPTION

*Saturday, July 19, 2003 (6:00–9:00 p.m.)*

The opening ceremony with formal presentation of flags from all nations represented at this year's meeting is an IAMSE tradition that welcomes participants and their guests to Washington, D.C., and Georgetown University. It will be followed by an informal reception that offers attendees and guests the opportunity to network with friends and colleagues. This event is included in the meeting and guest registration fee. Pre-registration is requested.

### WASHINGTON POTOMAC RIVER CRUISE AND DINNER

*Monday, July 21, 2003 (6:00–10:00 p.m.)*

Buses will transport meeting registrants and their guests from the Georgetown University Conference Center to the Odyssey Cruise Line pier at Gangplank Marina, 6th and Water Street. The evening will feature a 3-hour trip up the Potomac River past several historic monuments and sites. For complete details visit the web site at [www.odysseycruises.com/odyssey/dc/group/deck\\_photo\\_capacities/cruise\\_route.html](http://www.odysseycruises.com/odyssey/dc/group/deck_photo_capacities/cruise_route.html). This event is included in the meeting and guest registration fee. Pre-registration is required.

## Accompanying Guests

Washington, D.C., offers a wide array of choices for guests to indulge in shopping, sightseeing, sports activities, and tours. Information is available online at [www.washingtonpost.com/wp-srv/travel/visitorsguide.htm](http://www.washingtonpost.com/wp-srv/travel/visitorsguide.htm). Guest registration fee includes the Opening Reception and Washington Potomac River Cruise and Dinner. The guest fee does not include other conference meals.

## Climate, Dress, and Language

Temperatures in Washington during July average 85°F/29°C during the day, and 75°F/24°C at night. Although the Washington Potomac River Cruise and Dinner is a dress affair (dinner jacket required), IAMSE meetings are generally considered "business casual." All meeting sessions will be conducted in English.

## Special IAMSE Membership Offer

We are pleased to offer a special combination meeting registration and membership package. By selecting this option, a portion of your non-member registration fee will be applied toward a one-year membership in IAMSE.

### IAMSE Membership Benefits

- 15 percent discount on registration for all IAMSE events, including the Annual Association Meeting and other regional and international conferences on educational strategies in the medical sciences.
- Web site password access to all Association Meeting and Conference Proceedings containing full audio recordings of featured speakers.
- Advance notice and priority registration for all IAMSE Audio Seminars and Computer Webinars.
- Web site password access to current issues of the *Journal of the International Association of Medical Science Educators* featuring peer-reviewed articles describing original research, current trends in basic medical science education, reports, commentaries on innovative teaching methods, and reviews of educational software.

- Web site password access to current Positions Available postings, Ask an Expert feature, Educational Resources, and Membership Directory

- And most importantly – membership in IAMSE provides professional advancement opportunities to network with colleagues at other medical facilities, establish collaboration and exchange programs, publish in the Association journal, conduct and/or attend courses and workshops on educational methods, present projects from your school, and develop the credentials of a truly effective medical educator.

For complete list including additional benefits, please see

[www.iamse.org/join.htm](http://www.iamse.org/join.htm)

## Additional Information About IAMSE

If you cannot attend this meeting but are interested in learning more about the International Association of Medical Science Educators, please contact:

Roger Koment, Ph.D.

Executive Director of IAMSE

5535 Belfast Place, Suite A  
Springfield, VA 22151 USA

Tel: 1-703-333-5223

Fax: 1-703-333-5224

E-mail: [rkoment@iamse.org](mailto:rkoment@iamse.org)

[www.iamse.org](http://www.iamse.org)

# Meeting Information



# Faculty Development Courses

## Faculty Development Courses

Four concurrent courses in faculty development will be offered on Saturday July 19, 2003, from 8:30 a.m. until 3:30 pm. To ensure individualized attention from our instructors, IAMSE courses are each limited to the first 25 registrants. The \$65 U.S. registration fee includes tuition and course materials. Lunch may be purchased at the Georgetown University Cafeteria. All courses are concurrent, so you may only register for one. Please include an alternate choice on the registration form in case your first selection has already reached capacity.

### C-1 Becoming an Effective Course Director

The purpose of this course is to initiate a discussion of the important questions—how does one become and remain an effective course director?

*Participants will learn:*

- the responsibilities of a course director to his/her students, the teaching faculty, departmental administration, and to the educational deans of the college
- the importance of resource selection in the planning and implementation of a course
- what effectiveness is and how it is measured
- the pitfalls that must be avoided in becoming and remaining an effective course director

*Instructors:*

*Jay Menna, Ph.D.*, Professor of Microbiology and Associate Dean for Medical Education, University of Arkansas for Medical Sciences

*Patrick Tank, Ph.D.*, Professor of Anatomy and Neurobiology, University of Arkansas for Medical Sciences

### C-2 Writing and Evaluating MCQs Using Clinical Vignettes

The purpose of this course is to help faculty improve the quality of multiple choice examination questions. Through practical exercises and informative presentations, faculty will learn how to effectively create, evaluate, and use multiple choice questions for their particular discipline.

*Participants will:*

- explore issues relating to the construction of quality multiple choice exam questions including how to recognize and avoid technical flaws
- discuss methods to create and use clinical vignettes for testing of basic science content
- practice writing and critiquing questions in a small group format
- examine approaches to question evaluation using performance-based statistical indices

*Instructors:*

*Aggie Butler, Ph.D.*, Deputy Vice President, National Board of Medical Examiners (NBME)

*Regina Kreisle, M.D., Ph.D.*, Associate Professor of Pathobiology, Purdue University, President of GRIPE

### C-3 Intermediate and Advanced Techniques in PowerPoint

The purpose of this course is to educate the experienced PowerPoint user on the practical use of more advanced skills and techniques of this powerful educational medium.

*Participants will learn how to:*

- insert and manipulate objects such as photographs, illustrations, shapes, and audio-visual materials
- produce computer-guided drawings
- produce a wide array of text and object animations

- customize PowerPoint to the participant's individual needs

*Instructors:*

*Britt Sanford, M.D.*, Assistant Professor of Neurology and Anatomy, Jefferson Medical College

*Richard Schmidt, Ph.D.*, Vice Chairman of Anatomy, Jefferson Medical College

*Ronald Jensh, Ph.D.*, Professor of Pathology, Jefferson Medical College

### C-4 Integrative Team Learning in Large Group Settings

The purpose of this course is to introduce participants to the principles and methods of Team Learning, a teaching strategy new to medical education that has been shown in other disciplines to promote individual and small-group accountability for learning in a large group, "teacher-centered" environment.

*Participants will:*

- define Team Learning
- compare and contrast Team Learning with Problem-based and Lecture-based Learning
- describe key principles and practices associated with effective use of Team Learning in medical education settings
- evaluate the evidence about the impact of Team Learning on learners' knowledge, skills, and attitudes

*Instructors:*

*Boyd Richards, Ph.D.*, Director, Office of Curriculum, Baylor College of Medicine

*Chuck Seidel, Ph.D.*, Professor of Molecular Physiology and Biophysics, Baylor College of Medicine

*Kathryn McMahon, Ph.D.*, Associate Professor of Pharmacology, Texas Tech University Health Sciences Center

# Faculty Development Courses

# Program Schedule

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## Friday, July 18, 2003

4:00–6:00 p.m. Registration Desk Open

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## Saturday, July 19, 2003

7:00–9:00 a.m. Registration Desk Open

8:30 a.m.–3:30 p.m. **Saturday Faculty Development Courses** (pre-registration required)

**C1 Becoming an Effective Course Director**

Drs. Jay Menna and Patrick Tank, University of Arkansas for Medical Sciences

**C2 Writing and Evaluating MCQs Using Clinical Vignettes**

Drs. Aggie Butler, National Board of Medical Examiners and Regina Kreisle, Purdue University

**C3 Intermediate and Advanced PowerPoint Presentations**

Drs. Britt Sanford, Richard Schmidt, and Ronald Jensh, Jefferson Medical College

**C4 Integrative Team Learning in Large Group Settings**

Drs. Boyd Richards, Charles Seidel, Baylor College of Medicine, and  
Kathryn McMahon, Texas Tech Medical School

3:00–6:00 p.m. Registration Desk Open

6:00–6:30 p.m. **Opening Ceremony**

Dr. Roger Koment, Executive Director of IAMSE

Dr. Giulia Bonaminio, President of IAMSE

6:30–9:00 p.m. **Opening Reception**

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## Sunday, July 20, 2003

7:00 a.m. Registration Desk Opens

**Continental Breakfast Buffet**

8:00–8:15 a.m. **Welcome and Meeting Overview**

Dr. Aviad Haramati, Site Director

Dr. Gary Rosenfeld, Program Committee Chair

8:15–9:15 a.m. **Plenary Session I: *Global Initiatives in Basic Science Education: Challenges and Opportunities***

Dr. Donald Melnick, National Board of Medical Examiners

9:15–10:15 a.m. **Plenary Session II: *Virtual Medical Schools of the Future: Opportunity or Threat?***

Prof. Ronald Harden, University of Dundee Centre for Medical Education

10:15–11:15 a.m. **Refreshments for Visiting the Exhibits and Viewing the Posters**

11:15 a.m.–12:15 p.m. **Plenary Session III: *Evolving Views of the Scholarship of Teaching in the Academic Health Center***

Dr. Ruth-Marie Fincher, Medical College of Georgia

12:30–2:00 p.m. **Lunch and New Member Recognition Luncheon**

2:00–3:30 p.m. **Concurrent Focus Sessions**

**F1 Basic Science Education from the Dark Side: The Dean's Perspective**

Dr. Jay Menna, University of Arkansas for Health Sciences

**F2 Medical Faculty's Responsibility to Society and Social Order**

Dr. Jamsheer Talati, The Aga Khan University Faculty of Health Sciences

**F3 The Scholarship of Teaching: Authentic Peer Assessment of Medical Science Educators**

Drs. Boyd Richards and Charles Seidel, Baylor College of Medicine

**F4 From Where Shall Tomorrow's Basic Science Educators Come?**

Dr. Bruce Koeppen, University of Connecticut School of Medicine

**F5 Best Evidence Medical Education and its Impact on Basic Science Teaching and Learning**

Prof. Ronald Harden, University of Dundee Centre for Medical Education

**F6 Bringing Clinical Relevance to the Basic Sciences**

Dr. Frazier Stevenson, University of California-Davis School of Medicine

**Demonstrations of Computer Technology in Basic Science Education**

3:45–4:50 p.m.

**IAMSE General Business Meeting and Refreshments**

5:00 p.m.

**Dinner on Your Own**

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**MONDAY, July 21, 2003**

7:00 a.m.

**Registration Desk Opens**

**Continental Breakfast Buffet**

8:00–9:00 a.m.

**Plenary Session IV: *The Role of Basic Science in Medical Student Learning: Insights from Cognitive Psychology***

Dr. Geoff Norman, McMaster University Faculty of Health Sciences

9:00–10:00 a.m.

**Plenary Session V: *Mental Models and Meaningful Learning***

Dr. Joel Michael, Rush Medical College

10:00–10:30 a.m.

**Refreshments for Visiting the Exhibits and Viewing the Posters**

10:30 a.m.–12:00 p.m.

**Plenary Session VI: *High Fidelity Patient Simulation: A Revolution in Medical Science Education***

Dr. James Gordon, Harvard Medical School

Dr. Amitai Ziv, Tel Aviv University

12:00–1:00 p.m.

**Lunch**

1:00–2:30 p.m.

**Concurrent Focus Sessions**

**F7 Strategies for Integrating Basic Science into the Continuum of Medical Education**

Dr. Kevin Krane, Tulane University School of Medicine

Dr. Jack Strandhoy, Wake Forest University School of Medicine

**F8 Strategies to Increase Motivation for Teaching**

Dr. Ruth-Marie Fincher, Medical College of Georgia

**F9 National Multi-Media Databases for Teaching the Medical Sciences**

Dr. Sebastian Uijtdehaage, University of California-Los Angeles School of Medicine

Dr. Robert Carroll, East Carolina University

**F10 Diagnosing Mental Models**

Dr. Joel Michael, Rush Medical College

**F11 Strategies for Incorporating Simulation into Basic Science Teaching**

Mr. Richard Kyle and Dr. Darin Via, Uniformed Services University of the Health Sciences

**F12 Approaches to Incorporating Complementary and Alternative Medicine into the Medical Curriculum**

Drs. Judy Emery and Maggie Covington, University of Maryland School of Medicine

**F13 Web Pedagogy: Developing and Delivering On-Line Instructional Content for the Health Sciences**

Drs. Peter Anderson and Julie Walsh, University of Alabama at Birmingham

Dr. Jeanne Schlesinger and Mr. Chris Stephens, Virginia Commonwealth University

2:30–3:30 p.m.

**Refreshments for Visiting the Exhibits and Viewing the Posters**

Program Schedule



3:30–4:30 p.m.

**Basic Science–Clinical Science Discipline-based Discussions**

**F14 Anatomical Sciences and Surgery**

TBA

**F15 Biochemistry, Molecular Biology, and Genetics**

Dr. Charles Wiener, Johns Hopkins University

**F16 Microbiology, Immunology, and Infectious Disease**

TBA

**F17 Pharmacology, Physiology, and Internal Medicine**

Dr. Gary Rosenfeld, University of Texas Houston Medical School

Dr. Thomas Schmidt, University of Iowa College of Medicine

Dr. Thomas Viggiano, Mayo Medical School

**F18 Neurobiology, Behavioral Sciences, and Psychiatry**

Dr. Laura Fochtman, SUNY Stoney Brook

Dr. Debra Klamen, University of Illinois–Chicago

**F19 Deans and Administrators**

Dr. Jay Menna, University of Arkansas for Medical Sciences

Dr. Giulia Bonaminio, University of Kansas School of Medicine

6:00 p.m.

**Buses Leave for Washington Potomac River Cruise and Dinner**

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**Tuesday, July 22, 2003**

7:30 a.m.

**Registration Desk Opens**

**Continental Breakfast Buffet**

8:00–9:30 a.m.

**Concurrent Breakfast Sessions**

**B1 Imaging Techniques for Today's Varied Curricula**

Dr. Charles Hitchcock, Ohio State University College of Medicine

**B2 How to Use PDAs to Enhance Basic Science Education**

Dr. Jack Kues, University of Cincinnati College of Medicine

**B3 Defining and Incorporating Competencies into the Basic Science Curriculum**

Dr. Regina Kreisle, Purdue University

**B4 The Comprehensive Integrative Puzzle Assessment Method: A Technique for Measuring Learner Achievement Within the Integrated Curriculum**

Dr. Rosalie Ber, Technion–Israel Institute of Technology

**B5 The Challenge of Too Much Information: How Can Technology Help Manage Medical Science Education Overload**

Dr. Harry Goldberg, Johns Hopkins School of Medicine

**B6 Education on Demand: Development of a Simulator-Based Medical Education Service**

Dr. James Gordon, Harvard Medical School

9:30–10:30 a.m.

**Plenary Session VII: *Meeting the Bioterrorism Threat: The Role of Medical Science Educators***

Dr. Richard Carmona, Surgeon General of the United States of America (Invited)

10:30–11:00 a.m.

**Refreshments for Visiting the Exhibits and Viewing the Posters**

11:00 a.m.–12:00 p.m.

**Plenary Session VIII: *The Reorganization of Medical School Basic Science Departments: Impact on Medical Student Education***

Dr. William Mallon, Association of American Medical Colleges

12:00–12:30 p.m.

**Summation and Closure**

Dr. Gary Rosenfeld, Program Committee Chair

# Program Schedule

# Abstract Form

Meeting registrants are invited to submit abstracts of their projects in medical science education, including innovative software applications. The deadline for abstract submission is *March 15, 2003*. Abstracts will be published on the IAMSE website prior to the meeting. Please complete the following by referring to the guidelines for submission below:

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Submitting Author

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Institution

---

Address

---

City

State/Province

Postal Code

Country

---

Phone

Fax

E-mail

## Submit Abstracts To:

Ms. Julie Hewett

Secretariat of IAMSE

One Crested Butte Drive, Suite 100  
Huntington, West Virginia 25705

Tel: 1-304-733-1270

Fax: 1-304-733-6203

E-mail: [julie@iamse.org](mailto:julie@iamse.org)

[www.iamseconference2003.org](http://www.iamseconference2003.org)

### Check TYPE of abstract

☐ Poster Presentation

☐ Computer Demonstration

### Check CATEGORY of abstract

☐ Assessment

☐ Curriculum

☐ Innovation & Technology

☐ Instructional Methods

☐ General Education

## Guidelines for Submission:

- Completed registration is required for publication of abstracts
- All abstracts must be typed in English using 10-point Times New Roman font
- Abstract, including title and author(s), must fit inside a box no larger than 17cm wide by 11.5cm tall. Use these borders as a template.
- Type the title in bold, uppercase letters. Do not use abbreviations in the title.
- Using Italics, list the name(s) of the author (place an asterisk next to the primary author) and the institution, city and state, and country where the work was done. See the example below.
- Electronic submission of abstracts is preferred. If sent by e-mail attachment, please use Microsoft Word

### *Example*

#### **AN ELECTIVE MEDICAL SCHOOL PROBLEM-BASED LEARNING BIOCHEMISTRY COURSE EMPLOYING STUDENTS AS FACILITATORS**

*Thomas Mueller, Ph.D.\*, Thomas Breithaupt, Ph.D., and Diane Hills, Ph.D., Department of Biochemistry and Nutrition, College of Osteopathic Medicine and Surgery, Des Moines University Osteopathic Medical Center, Des Moines, IA 50312 U.S.A.*

For the past seven years the Department of Biochemistry and Nutrition has offered first year medical students an elective Problem-Based Learning (PBL) course that can be taken in ...

**Abstract Submission Deadline: March 15, 2003**

# Registration Form

To register, complete and return this registration form with your payment by mail, fax, or on-line submission.

**Annual Meeting** The Annual Meeting registration fee includes tuition, final program, continental breakfasts, luncheons, refreshment breaks, the Opening Reception, and the Washington Potomac River Cruise and Dinner. A letter of confirmation will be sent upon receipt of payment and completed registration form. Space is limited, so early registration is encouraged.

**Saturday Faculty Development Courses** The Saturday course registration fee includes tuition and course materials. Pre-registration is required. A letter of confirmation will be sent upon receipt of payment and completed registration form. Enrollment will be limited to 25 participants per course to ensure individualized attention. Please indicate a second choice in case your first selection has already reached capacity.

**Mail, fax, or submit on-line registration form with payment to:** Ms. Julie Hewett; IAMSE Secretariat and Meeting Organizer;  
One Crested Butte Drive, Suite 100; Huntington, WV 25705 USA  
Tel: 1-304-733-1270; Fax: 1-304-733-6203; E-mail: [julie@iamse.org](mailto:julie@iamse.org); [www.iamseconference2003.org](http://www.iamseconference2003.org)

Name	Degree(s)		
Department			
Discipline			
Institution			
Address			
City	State/Province	Postal Code	Country
Telephone	Fax	E-mail	
<input type="checkbox"/> Check box if you have special accommodation/dietary needs. Describe specific need(s):			

**Faculty Development Courses** (Saturday, July 19, 2003 8:30 a.m.– 3:30 p.m.) Registration Fee \$65 U.S.

C-1 \_\_\_\_\_ C-2 \_\_\_\_\_ C-3 \_\_\_\_\_ C-4 \_\_\_\_\_ Please Indicate First and Second Choice

I plan to attend: Opening Reception ☐ Yes ☐ No Washington Potomac River Dinner Cruise ☐ Yes ☐ No

**Concurrent Meeting Sessions** (Monday July 21) refer to program schedule for details

**Sunday, July 20, 2:00–3:30p.m.** (check one) ☐ F1 ☐ F2 ☐ F3 ☐ F4 ☐ F5 ☐ F6 ☐ Computer Demonstrations

**Monday, July 21, 1:00–2:30p.m.** (check one): ☐ F7 ☐ F8 ☐ F9 ☐ F10 ☐ F11 ☐ F12 ☐ F13

**Monday, July 21, 3:30–4:30p.m.** (check one): ☐ F14 ☐ F15 ☐ F16 ☐ F17 ☐ F18 ☐ F19

**Tuesday, July 22, 8:00–9:30a.m.** (check one): ☐ B1 ☐ B2 ☐ B3 ☐ B4 ☐ B5 ☐ B6

## Payment

	Post marked Before April 1, 2003	Post marked After April 1, 2003
Non-Member (with new 1-year membership)	<input type="checkbox"/> \$555 U.S.	<input type="checkbox"/> \$655 U.S.
Non-Member	<input type="checkbox"/> \$545 U.S.	<input type="checkbox"/> \$645 U.S.
Member (joined after July 1, 1998)	<input type="checkbox"/> \$465 U.S.	<input type="checkbox"/> \$565 U.S.
Charter Member (joined before July 1, 1998)	<input type="checkbox"/> \$440 U.S.	<input type="checkbox"/> \$540 U.S.
Student	<input type="checkbox"/> \$425 U.S.	<input type="checkbox"/> \$525 U.S.
Faculty Development Course Registration	<input type="checkbox"/> \$65 U.S.	<input type="checkbox"/> \$65 U.S.

**The Annual Meeting registration fee includes tuition, final program, continental breakfasts, luncheons, refreshment breaks, the Opening Reception, and the Washington Potomac River Cruise and Dinner.**

Conference Registration Total: \$ \_\_\_\_\_

Course Registration Total: \$ \_\_\_\_\_

Guests of Participants ( ) x \$150 each Includes Opening Reception & Dinner Cruise Only Guest Fee Total: \$ \_\_\_\_\_

Guest Name \_\_\_\_\_

☐ Check Enclosed (payable to IAMSE) ☐ Visa ☐ Mastercard Total Payment Enclosed: \$ \_\_\_\_\_ U.S.

Card Number \_\_\_\_\_ Expires MO/YR \_\_\_\_\_

Signature

Date



Seventh Annual Meeting of the International Association of Medical Science Educators  
www.iamseconference2003.org  
July 19–22, 2003  
Georgetown University Conference Center  
Washington, D.C., USA



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