

CALL FOR PAPERS AND POSTERS

American Scientific Affiliation and Canadian Scientific and Christian Affiliation
Joint Meeting, August 1–4, 2008
George Fox University, Newberg, OR

The Heart of Science: Do Right, Love Mercy, Walk Humbly

Doing and using science, domestically and abroad, in service to God, God's world, and our human sisters and brothers

He has showed you, O man, what is good.
And what does the Lord require of you?
To act justly and to love mercy
and to walk humbly with your God. –Micah 6:8 NIV

CONFIRMED PLENARY SPEAKERS

Dr. Douglas Diekema

- Professor, Department of Pediatrics, University of Washington, School of Medicine
- Clinical Director, Treuman Katz Center for Pediatric Bioethics
- Chair: Bioethics Committee, American Academy of Pediatrics
- Member: Ethics Committee, American Board of Pediatrics

Dr. C. Dean Freudenberger

- Professor Emeritus, Luther Seminary
- Former Professor of International Development Studies, Missions, and Rural Church at Claremont School of Theology
- Author of *Global Dust Bowl* (1990), *Food for Tomorrow?* (1984), and *Christian Responsibility in a Hungry World* (with Paul Minus, 1976)
- Served with the United Methodist Church for 17 years in agricultural and rural community development across six continents

Dr. W. Kent Fuchs

- Joseph Silbert Dean of Engineering, Cornell University
- Professor of Electrical and Computer Engineering
- Executive Board and Director ASEE Engineering Deans Council
- Member: Joint Committee on Technology Transfer

Dr. Tom Headland

- Wycliffe Bible Translators
- International Anthropology Consultant, Summer Institute for Linguistics
- Adjunct Professor of Linguistics, University of Texas, Arlington
- Specialities: primitive societies, tropical forest human ecology

Mr. Larry Schweiger

- President and CEO, National Wildlife Federation
- Former publisher of four award-winning wildlife magazines
- Former Head, Western Pennsylvania Conservancy

Dr. Jennifer Wiseman (pending availability)

- Chief, NASA Laboratory for Exoplanet and Stellar Astrophysics
- Hubble program scientist, NASA
- Discoverer of periodic comet 114P/Wiseman-Skiff
- Former American Physical Society Congressional Science Fellow
- American Scientific Affiliation, Fellow and Council Member

SYMPOSIA TOPICS

- Ethical issues in science, and engineering
- Ecology, environmental studies, and global warming
- Sustainable agriculture and world hunger
- The natural sciences, basic research, and issues of faith
- Alternative Energy Sources and their Impact
- Special Focused Symposium: Moral Issues in Human Sexuality and Gender
- Social sciences, including anthropology and geography, and issues of faith
- Science teaching—methods and expectations
- Civil, mechanical and electrical/computer engineering, and appropriate technology
- Medicine, global infectious disease, and world health
- Scientific and theological contributions to cosmic history and the history of life

In addition, sessions of special interest to Early Career Scientists and Graduate and Undergraduate Science Students are being planned.

CONTRIBUTED PAPERS AND POSTERS

Requirements, guidelines, deadlines

ABSTRACT SUBMISSION

1. All contributed papers and posters must be submitted as abstracts of 250–300 words; all submissions must be entered online using the submission form available at www.asa3.org, with the link to the 2008 ASA/CSCA Joint Meeting. At the top of each abstract, indicate which symposium topic area, including the Special Focused Symposium (from the list on previous page) is most appropriate for your submission; also indicate whether your submission is for oral (paper) or poster presentation.
2. Each abstract must emphasize what your paper or poster offers that is new and important for the topic chosen. Use the set of symposium topics listed to guide the focus of your paper. Provide sufficient detail to be informative, but use language that will be intelligible to a non-specialist.
3. Early Career Scientists (within three years of having received your most recent degree), and Graduate and Undergraduate College Science Students who wish to present papers or posters must also submit an abstract as in Item (1) above. These individuals are also eligible and encouraged to apply for one of the Scholarships for Early Career Scientists or Students in the Sciences and Engineering. (See **How to Apply for a Scholarship** section in this packet.) Papers and posters by Early Career Scientists and Students will be incorporated into the regular paper and poster sessions. In addition, other sessions will be available at the meeting which will focus on the special interests and needs of these persons.
4. Authors may submit only one paper each for which they are the primary author. (Additional papers listing individuals as secondary co-authors may also be submitted.) Because of space limitations, some requests for paper presentation may be approved as posters. Space limitations may also require that some papers and posters be rejected; authors of these are still strongly encouraged to attend the meeting to participate in discussions and to meet colleagues.
5. Contributed oral presentations will be limited to 20 minutes plus 5 minutes for discussion.
6. Poster presentations will be accorded a special time and place in the conference agenda, in order to maximize their impact.
7. To be included in the final program, presenters must register for the meeting by June 15, 2008. (Graduate and Undergraduate College Students and Early Career presenters are also subject to this deadline.)
8. **Deadline:** *All* abstracts must be submitted electronically to the ASA office prior to January 15, 2008. Use the submission form available at www.asa3.org with the link to the 2008 ASA/CSCA Joint Meeting.
9. Program chairs for this meeting are John Van Zytveld and Arnold Sikkema.

INSTRUCTIONS FOR POSTER PRESENTATIONS

(These instructions also apply to Early Career Scientists and Graduate and Undergraduate Science Students wishing to present papers or posters.)

General Comments

Plan your poster presentation carefully. Keep in mind the advantages of a poster over an oral presentation. Posters are available for viewing over an extended period of time. Attendees find the poster sessions a good way to sample many papers, devoting their time in proportion to their interest in the poster topic. Authors and interested viewers have time for much more significant discussion, not the five minutes allotted at the end of oral presentations. Finally, there is no first or last poster presentation on the program!

Specific Guidelines

Your poster must fit on a 32" by 40" foam core board in landscape format. Posters should be readable from at least five feet away—this means that no font smaller than 18 point (24 point is better) should be used, with headings of significantly larger font. Mounting materials for your poster will be available at the poster site.

INFORMATION ON SCHOLARSHIPS FOR EARLY CAREER SCIENTISTS AND GRADUATE AND UNDERGRADUATE STUDENTS IN THE SCIENCES AND ENGINEERING

We invite early career scientists (within the first three years of receiving your latest degree), and graduate and undergraduate students to participate in the joint meeting of the ASA and CSCA, August 1–4, 2008, on the campus of George Fox University in Newberg, Oregon.

This joint ASA/CSCA Meeting provides an opportunity to meet professionals in your field who share your Christian faith; to hear prominent plenary speakers; to participate in the symposia, paper, or poster sessions; to give a paper or poster yourself; to network with other Christians from a wide variety of colleges, universities, and research institutions; and to explore how to integrate your faith with your discipline. This is an excellent opportunity to share your research with Christian colleagues. Your presentation can be listed on your resume as a paper or poster presented at a national meeting (with an international audience). It is a professional activity that strengthens your applications for further training, grants, or career advancement.

The meeting also promises to be great fun in a beautiful place. Field trips (optional) and gatherings for emerging scientists will take advantage of the location. So, come join us! To encourage and enable your participation, a number of members have graciously provided funding for a limited number of scholarships.

HOW TO APPLY FOR A SCHOLARSHIP

To be considered for scholarship aid, an applicant must be a member or must file an application for membership in either the ASA or the CSCA. This membership application must be filed online with the ASA (www.asa3.org) or CSCA (www.csc.ca) before January 31, 2008 (about two weeks after abstracts are due). Student rates are substantially lower than the regular rates.

There are a limited number of scholarships available at two different levels.

1. **Scholarships for Early Career Scientists and Students in the Sciences and Engineering** are available to all early career scientists and graduate and advanced undergraduate students submitting a proposed abstract for a presentation or poster. These scholarships will cover registration, room (at double occupancy, dormitory rate) and board at the conference. Your deadline for submitting your proposed abstract and applying for one of these scholarships is January 15, 2008.
2. **Scholarships for Undergraduates in the Sciences and Engineering** who would like to attend but not present a paper or poster are eligible for scholarships covering the cost of registration. The scholarship application deadline is January 15, 2008.