

CALL FOR PAPERS AND POSTERS

American Scientific Affiliation
64th Annual Meeting
July 31 – August 3, 2009
Baylor University, Waco, TX

Exploring God's World of Endless Wonder

Everything in the heavens and on earth is yours, O Lord...
1Chronicles 29:11b –NLT

CONFIRMED PLENARY SPEAKERS

DR ROBIN COLLINS, MESSIAH COLLEGE

DR MARIO BEAUREGARD, UNIVERSITÉ DE MONTRÉAL, CANADA

MR CHARLES DUKE, USAF RETIRED, AND
FORMER NASA ASTRONAUT

DR ROBERT MANN, UNIVERSITY OF WATERLOO

DR JAMES TOUR, RICE UNIVERSITY
SMALLEY INSTITUTE FOR NANOSCALE SCIENCE AND TECHNOLOGY

DR PERLA MANAPOL, NGO, SUSTAINABLE RURAL ENTERPRISE

SYMPOSIA TOPICS

detailed information follows

- Christianity and the Possibility of a Multiverse
- Psychology, Neuroscience and Issues of Faith
- Science and Technology in Service of the Poor
- Sociology and Religion
- Our Place in God's Universe
- History and Philosophy of Science
- Ethical Issues in Science and Engineering
- Christian Stewardship and the Environment
- Origins
- Teaching Science
- Science, Imagination, and Faith
- Presentations by students and early career scientists and engineers

Poster Session: Open to all topics, including but not limited to students or young career scientists' research, whether or not the research has an explicit faith-science component

Dr. Robin Collins

- Professor of Philosophy, Messiah College
- Graduate level training in theoretical physics
- Written over 25 articles on topics from philosophical issues in quantum physics to evolution and original sin to theological issues of a multiverse
- Contributor to *Universe or Multiverse*, edited by Bernard Carr and participant in related conference at Stanford University, March 2003
- Currently completing a book on the evidence from physics and cosmology for the divine design of the cosmos

Dr. Mario Beauregard

- Associate Professor, Depts of Radiology and Psychology, Université de Montréal (Canada)
- Author of over 100 publications in neuroscience, psychology, and psychiatry
- Recipient of the 2006 Joel F. Lubar award for his contribution to the field of neurotherapy
- Selected by World Media Net to be among the “One Hundred Pioneers of the 21st Century”
- Author of *The Spiritual Brain: A Neuroscientist’s Case for the Existence of the Soul* (with Denyse O’Leary, HarperOne: 2007)

Mr. Charlie Duke

- 10th man to walk on the moon
- Apollo 11 Support Crew and CAPCOM
- Apollo 13 Backup Lunar Module Pilot
- Apollo 16 Lunar Module Pilot
- Apollo 17 Backup Lunar Module Pilot
- Space Shuttle Operations
- Brigadier General USAF (Ret)
- Businessman and Entrepreneur

Dr. Perla Manapol

- US citizen born in the Philippines. A graduate of the State University of New York College, Fredonia, and Harvard Graduate School of Education, specializing in international community development and renewable energy
- Past six years, President of a multi-awarded Philippine NGO, Sustainable Rural Enterprise (SRE) which operates and manages a coconut coir processing enterprise that provides livelihood for more than 700 families of poor coconut farmers. The author of two books, she also does private consulting on renewable energy-based assignments including the productive, or livelihood-generating, uses of renewable energy and alternative fuels.

Dr. Robert Mann

- Professor of Physics and Applied Mathematics, Chair of the Department of Physics and Astronomy, University of Waterloo
- Vice President elect of the Canadian Association of Physics
- Past President, Canadian Christian and Scientific Affiliation

Dr. James Tour

- Chao Professor of Chemistry, Rice University
- 300+ research publications and 30+ patents
- NASA Space Act Award, 2008
- Small Times Magazine’s Innovator of the Year Award, 2006
- Nanotech Briefs Nano 50 Innovator Award, 2006
- Alan Berman Research Publication Award, Dept of the Navy, 2006
- Southern Chemist of the Year Award, American Chemical Society, 2005
- Honda Innovation Award for Nanocars, 2005

Symposia Topics

Christianity and the Possibility of a Multiverse: Examining the String Theory Landscape and the Cosmological Anthropic Principle. (primarily but not exclusively invited presentations)

Psychology, Neuroscience and Issues of Faith: including faith and health, evolutionary psychology, moral development, man and consciousness, biology of belief, teaching psychology/neuroscience in faith-based institutions, free will and personal responsibility, mental illness and the church. (open solicitation)

Science and Technology in Service of the Poor: including appropriate technology and economic development; health and medical care in developing countries; water quality and hygiene. (open solicitation)

Sociology and Religion. (open solicitation)

Our Place in God’s Universe: Perspectives from Human Space Flight—including new perspectives on our place in God’s creation, ways in which God manifests Himself, and unique characteristics of Earth that promote life. (open solicitation)

Ethical issues in science and engineering. (open solicitation)

Christian Stewardship and the Environment: including ecology, global warming, renewable energy. (open solicitation)

Origins: Seeking Scientific and Hermeneutical Common Ground. (primarily but not exclusively invited presentations)

Teaching Science: including pedagogy and practice, Christian perspectives on science. (open solicitation)

Science, Imagination, and Faith: exploring questions of how we explain the phenomenon of imagination? What has been the role of imagination in scientific theory development and discovery? How can imagination be taught, nourished, or encouraged? How does imagination relate to other ways of knowing? Because of the nature of this topic, some papers may be exploratory and tentative without reaching a final conclusion. (open solicitation, organized by Harry Poe).

Presentations dealing with aspects of history and philosophy of science, especially as it connects with Christian belief. (open solicitations)

Students, Early Career Scientists and Engineers are encouraged to submit abstracts for any of the topical sessions listed above or on a research topic in which they are engaged, whether or not it has an explicit faith-science component. (open solicitation)

Contributed Papers, Abstract Submission, and Posters

Requirements, guidelines, deadlines

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 2009 ASA Annual Meeting. At the top of each abstract, indicate which symposium topic area, (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. 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.
4. Contributed oral presentations will be limited to 25 minutes plus 5 minutes for discussion.
5. Poster presentations will be accorded a special time and place in the conference agenda, in order to maximize their impact.
6. To be included in the final program, presenters must register for the meeting by June 10, 2009.
7. **Deadline:** *All* abstracts must be submitted electronically to the ASA office prior to January 30, 2009. Use the submission form available at www.asa3.org with the link to the 2009 ASA Annual Meeting.
8. Program chair for this meeting is Walter Bradley, Baylor University, Waco, TX.

Instructions for Poster Presentations

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. 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 Annual Meeting of the ASA, July 31–August 3, 2009, on the campus of Baylor University in Waco, Texas.

This 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 the ASA. This membership application must be filed online with the ASA (www.asa3.org) before January 30, 2009. 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. 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 30, 2009.
2. **Scholarships for Undergraduates in the Sciences and Engineering** who would like to attend are eligible for scholarships covering the cost of registration. The scholarship application deadline is January 30, 2009.