

***Joint Meeting of ASA and CSCA  
July 31-August 3, 2009***



***Theme: Exploring God's World  
of Endless Wonder***





***Scope: Marveling at the wonder of God's creation from neurons to supernova***

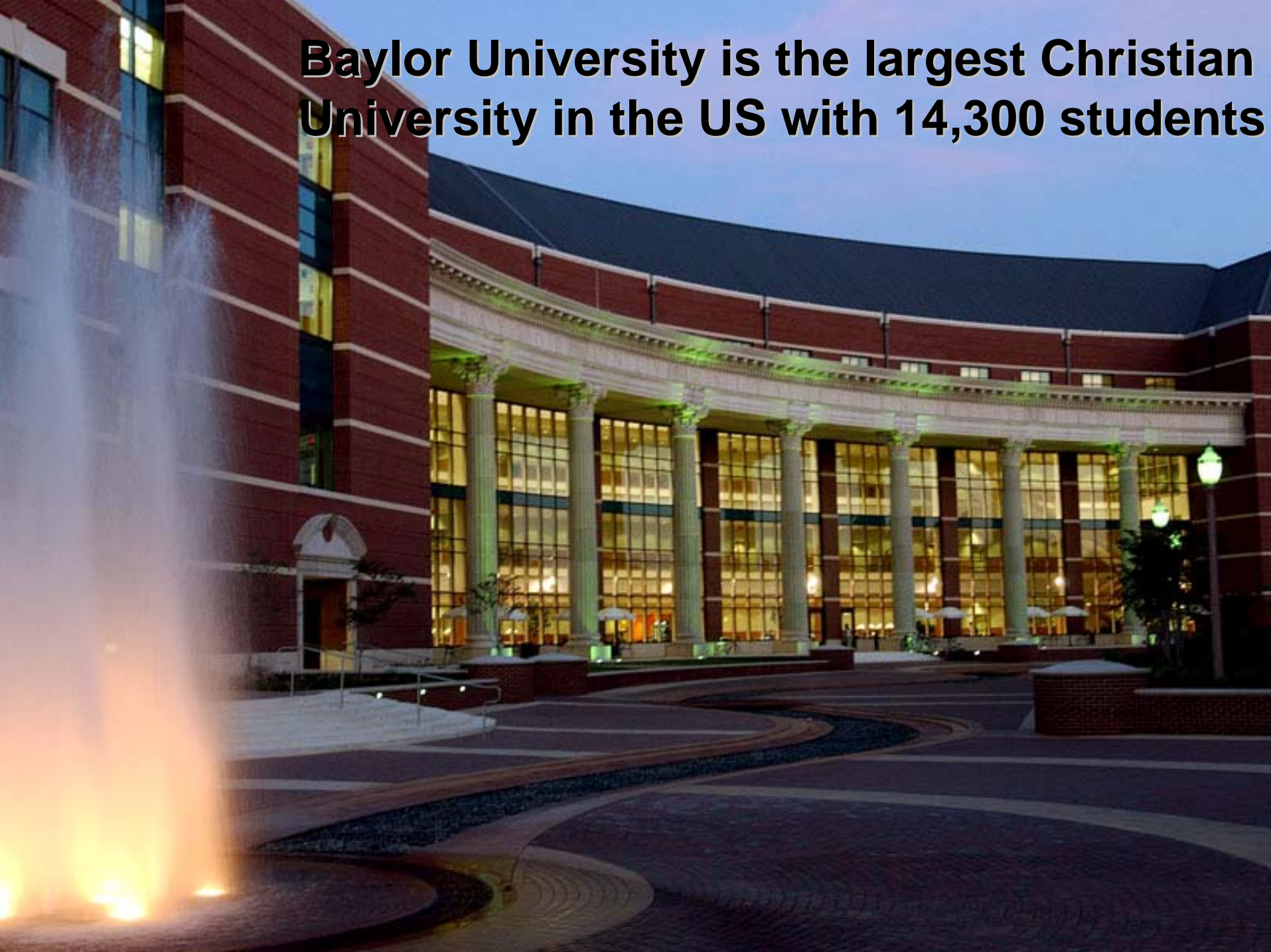
An aerial photograph of the Baylor University campus in Waco, Texas. The image shows a large, historic brick building with multiple white spires, likely the Old Chapel. To its right is another large brick building with a prominent white dome. The campus is surrounded by lush green trees and a network of roads. The text "Location: Baylor University Waco, Texas Deep in the heart of Texas" is overlaid in white, bold font at the bottom of the image.

**Location: Baylor University  
Waco, Texas  
Deep in the heart of Texas**

**Baylor University was founded in 1845 as the first university in Texas**



**Baylor University is the largest Christian University in the US with 14,300 students**





# Plenary Speaker

## Mr. Charlie Duke

- 10th man to walk on the moon
- Apollo 11 Support Crew and APCOM
- 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

# Plenary Speaker Perla Manapol



- US citizen born in the Philippines.
- B.S., State University of New York
- M.S. 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
- Private consulting on renewable energy-based assignments including the production of livelihood-generating renewable energy

# Plenary Speaker

## 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”
- Co-Author of *The Spiritual Brain: A Neuroscientist’s Case for the Existence of the Soul* (HarperOne: 2007)

# Plenary Speaker

## 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

# Plenary Speakers on

## “Christianity and the Possibility of a Multiverse”

- **Dr. Robin Collins**

- Professor of Philosophy, Messiah College
- Graduate level training in theoretical physics
- Author of over 25 articles on topics from philosophical issues in quantum physics to evolution and original of 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. 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

# 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, organized by Gerald Cleaver)
- Psychology, Neuroscience and Issues of Faith: including faith and health, evolutionary psychology, moral development, man and consciousness, biology of belief, teaching psychology and neuroscience in faith-based institutions, free will and personal responsibility, mental illness and the church. (open solicitation organized by Matt Stanford)
- 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 organized by Bill Jordan)

# Symposia Topics continued

- Sociology and Religion. (open solicitation organized by Byron Johnson)
- 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 organized by Mark Shelhamer)
- Ethical issues in science and engineering. (open solicitation)

# Symposia Topics Continued

- 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 organized by Walter Bradley)
- 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).

# Symposia Topics continued

- Presentations dealing with aspects of history and philosophy of science, especially as it connects with Christian belief. (open solicitations organized by Ted Davis)
- Teaching Science: including pedagogy and practice, Christian perspectives on science. (open solicitation)
- 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)

# Line Dancing to Country and Western Music (Saturday night)

<http://www.youtube.com/watch?v=6ztDBUmwz4E&feature=related>

# Ya'll Come

# Conference Organizers

- Program Committee-- Mark Shelhamer, Matt Stanford, Gerald Cleaver, Bill Jordan, Byron Johnson, Walter Bradley, Ted David, Harry Poe
- Field Trips Co-ordinator – Susan Bratton
- Local Arrangements – Bill Jordan
- Saturday Night Line Dancing – Ann Bradley

**Exciting Field Trips – Organized by Susan Bratton,  
Chair, Environmental Studies, Baylor University**

## **Possible Destinations**

- 1. San Marcos River and spring**
- 2. Enchanted Rock and the Texas Hill  
Country**
- 3. Botanizing and birding at Big Thicket**
- 4. Dinosaur Valley (Paluxy River near Glen  
Rose) and Waco Mammoth Site**
- 5. Texas, the State of Energy**
- 6. Preserving biodiversity in Austin:  
From salamanders to bats**

# Field Trip to Glen Rose and Paluxy River Dinosaur Valley and Waco Mammoth Site













### Plants that Eat Insects

Only five carnivorous plants grow in the United States. The Venus flytrap is known to most of these. Impatiens bicolor, including the orange pitcher plant.

Who would plant eat a bug? The way all where they grow is low in nutrients, so these plants supplement their diet by capturing insects and digesting them.

**A Slick Trick**  
The pitcher plant sticks insects with a sticky snare. The insect gets stuck and a small trapdoor that turns inward toward the pitcher plant's leaf base.

Trapped by its own sticky trapdoor, the insect's body is pulled down into a pool of digestive fluid at the bottom.

Over a week later, the pitcher plant should be able to absorb the diet of these insects.



Pitcher of 'Sundew'      Carnivorous sun      Catching











# Line Dancing to Country and Western Music (Saturday night)

<http://www.youtube.com/watch?v=6ztDBUmwz4E&feature=related>

# Ya'll Come