



NEWSLETTER

of the
American Scientific Affiliation &
Canadian Scientific & Christian Affiliation



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MAR/APR 2008

Annual Meeting: About George Fox University

Our annual meeting, August 1–4, will be held at George Fox University in Newberg, OR. It is a Christ-centered university of the arts, sciences, and professional studies with 41 undergraduate majors, 12 graduate programs, and 5 seminary programs.

Founded as an academy in 1885 by Quaker pioneers, it became a college in 1891. The original name, Pacific College, was changed to George Fox College in 1949 to honor the founder of the Quaker movement. In 1996, the college merged with Western Evangelical Seminary to form George Fox University. Presently it has over 3,200 students. George Fox Univ. has teaching centers in Portland and Salem, Oregon, and in Boise, Idaho. It has grown over 300% in the past 20 years and has over 150 full time faculty. *U.S. News and World Report* ranks George Fox University as a “Best Value” and a top-tier master’s-level university in the West.

George Fox University is a center for Quaker thought, and the Northwest Yearly Meeting gathers each summer on

Continued on p. 3, Annual Meeting

ASA Member on PBS Special

“If you don’t have women engaged ... you lose half the creativity, you lose half the brain power.”

That statement by Texas Instruments senior fellow Duy-Loan Le leads off the webpage for the PBS special “Bold Visions: Women in Science and Technology.”

ASA member **Anne E. Carpenter** will be a featured guest in the special, which gives a glimpse into the work and everyday lives of women in science and technology. As Director of the Imaging Platform of the Broad Institute of Harvard and MIT, Anne works on experiments to test hundreds of thousands of cell samples, imaged by microscopy, to determine the functions of genes and to identify useful chemicals for research and for therapeutics.



Anne Carpenter

Continued on p. 3, ASA Member

Emerging Evangelical Intelligentsia

The second weekend of December, evangelicals from across the country and various academic disciplines assembled at Boston University School of Law for a conference launching a two-year research project on “Emerging Evangelical Intelligentsia.” Although describing himself as a “theologically very liberal Lutheran,” Boston University sociologist Peter Berger initiated the project, recruiting foreign policy analyst and evangelical Timothy Shah as principal researcher.

Berger told the *Boston Globe*, “This is an enormously significant phenomenon ... and there’s remarkably little information about it.” He categorized 60 to 100 million Americans as evangelical and said, “If that large community is considered ... not respectable in public discourse by academics, media people, and the broader educated public, that’s very bad.”

The researchers cited several beliefs that unite the new “thinking-person’s evangelicals”:

the Bible as God’s word and the sole authority for Christian belief; Jesus’ redemptive death on the cross and the need for a personal relationship with him; public witnessing to one’s faith; and a generally conservative moral code.

In other areas, Shah sees a diversity in the intellectuals’ thinking similar to other Americans; “what unifies the class is their intellectual seriousness, not the content of their theology.”

Berger said the beginnings of a similar intelligentsia are visible in places such as Chile and Brazil. Evangelicals

Continued on p. 3, Intelligentsia

ASA Newsletter Goes to Electronic Distribution

This is the first issue of this newsletter to be distributed only as an electronic pdf file to everyone except those who have specifically requested a paper copy or for whom we do not have a valid email address. The electronic version is in color and can be printed on your printer. We also will be periodically sending electronic news notes in between issues to bring you items of special interest or that arrived too late for publication. There are three options for all members:

1. Only electronic newsletters, ballots, and news notes.
2. Paper newsletter and ballots but electronic news notes (by request).
3. No electronic communication (by request).

If you wish options 2 or 3 above, please email membership@asa3.org or write to our national office.

The journal, *Perspectives on Science and Christian Faith*, will continue to be mailed in paper form to all members and subscribers.

The Executive Director's Corner

Randall D. Isaac

The ASA executive council is scheduled to meet in Ipswich on March 29. Before the change in the fiscal year that was approved last year, this meeting was normally held in November or December. At this meeting, we will have a chance to review the full financial results of the 2007 calendar year and plan the coming fiscal year based on the available funds. In this column, I'd like to give all of you a sneak preview of how we fared.

In 2007 the ASA received donations from 348 donors of whom all but 13 were ASA members or subscribers. Of these, 126 donated \$200 or more to reach the Sustaining Member level. There were 21 who gave \$1,000 or more and two of them exceeded the \$10,000 mark. The total amount of donations received was approximately \$128,000. We received \$107,000 from dues and subscriptions. Our expense budget for the year, not counting the annual meeting, was \$266,300 which we met within 2%. Other income from advertising, sales of publications, and the annual meeting put us in the black for the year by over \$1,000. Praise the Lord! Thank you all for your continued support and generous donations. Help us maintain this momentum by being a Sustaining Member in 2008.

The *Newsletter of the ASA and CSCA* is published bimonthly for its membership by the American Scientific Affiliation. Send *Newsletter* information to the Editors: David Fisher, 285 Cane Garden Cir., Aurora, IL 60504-2064. E-mail: dfisherasa@comcast.net and Margaret Towne, 8505 Copper Mountain Ave., Las Vegas, NV 89129. E-mail: TowneMG@aol.com. Both receive e-mail through asan@asa3.org

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Send address changes and other business items to the American Scientific Affiliation, P.O. Box 668, 55 Market St., Ipswich, MA 01938-0668. Phone: (978) 356-5656; FAX: (978) 356-4375; E-mail: asa@asa3.org; Web site: www.asa3.org

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Managing Editor: Lyn Berg

During 2007, our membership and subscriber base increased by nearly 3% to 2,125. Our turnover rate has dropped to around 10%. We still have a long way to go in achieving our target of 2,500 but we're starting to see the effect of your recruiting efforts. Keep up the good work and sign up at least one or two new ASA members in 2008!

The council continues to focus on strategic directions for the ASA. The recent initiative to encourage formation of ubiquitous small chapters has been very well received. Many of you have contacted us to tell us of your intent to organize regular meetings in your area. As more chapters are established, cooperation among chapters in a given regional area can enable effective regional lectures and conferences.

A unique value of ASA continues to be its diversity and ability to foster dialog on the entire range of issues in science and Christian faith without taking a particular stand on any particular issue. Part of our mission is to take a stand for integrity in science and to clarify what the scientific findings really are in a particular field. At the March meeting, the council will be discussing ways in which the ASA, in addition to its journal, newsletter, annual meeting, and website, can enable action in specific areas of interest to Christians in science.

Watch for a new feature at our annual meeting this year. In parallel to the usual field trips, we will be offering a limited number of seats to a special workshop to be led by **Ted Davis**. This is similar to the technical workshops that many professional societies offer in conjunction with their meetings. The workshop is titled "Teaching About the Origins Debate in Churches and Schools." Ted will share his teaching methodology and provide materials to enable the participants to teach such a course. More information will be included in the annual meeting registration material to be mailed in April.

What would you like to see the council consider for ASA's strategic outreach? Let us know by writing to

asa@asa3.org and specify "to the council" or to a specific council member of your choice. Current members are **Hessel Bouma III, Ruth Douglas Miller, Walter Bradley, Ted Davis, and Jennifer Wiseman**. Or log on to the members' forum on our website and share your thoughts.

The ASA exists to meet your needs as you interact with your colleagues in your professional life and in your church and community. We need to hear from you to know how we can serve you better. We plan to use surveys and forums to listen to you. Please pray with and for us and tell us what you need or how you can help.



Congratulations, Long-time ASAers!

Celebrating 45 years of membership

- | | |
|---------------------------|---------------------------|
| Rudolph O. Buttler | Kenneth A. Lincoln |
| Howard L. Dunlap | Thomas J. Manetsch |
| Fred H. Hafner | Kenneth G. Miller |
| Ann B. Hein | Robert L. Miller |
| Lee Isaacs | John E. Richardson |
| Fred Jappe | Melvin N. Westwood |

Welcome, New Members! December 2007–January 2008

- Alger, Caleb J. –Reno, NV
- Chang, Hui-Yiing –Nashville, TN
- Davis, Gary L. –Houston, TX
- Engel, Daniel D. –Grand Rapids, MI
- Gray, Thomas W. –Tulsa, OK
- Howard, Jeremy R. –Mount Juliet, TN
- Hutto, Francis –Grand Junction, CO
- Jackson II, Roger S. –Nashville, TN
- Kerk, Amber R. –San Diego, CA
- Maeder, Dennis L. –Silver Spring, MD
- Mallon, Jordan C. –Calgary, AB, Canada
- Mitchell, Norm –Hemet, CA
- Newman, David S. –Seattle, WA
- Noble, Alison R. –Hillsboro, OR
- Noonan, George C. –North Las Vegas, NV
- Otani, Tetsuhisa –Kobe, Hyogo, Japan
- Pitkakoski, Aki E. –Somero, FIN, Finland
- Prins, Christine N. –Loveland, CO
- Rommel, Ronald S. –Katy, TX
- Sieck, Eric A. –Quincy, IL
- Spillman, Richard J. –Fircrest, WA
- Spinney, Jayne –Torrance, CA
- Spinney, Frank –Torrance, CA
- Stanley, Wayne S. –Woodstock, VA
- Thierfelder, William E. –Southaven, MS
- Tolson, Kristen P. –Dallas, TX
- Vaughan, Chelsea A. –Troy, TX
- Whitefield, Rodney J. –San Jose, CA
- Wilder, Montel –Pepperell, MA
- Wood, Dustin –San Diego, CA

Annual Meeting, from p. 1.

campus. In 1984, the university founded its Center for Peace Learning, now known as the Center for Peace and Justice, as an outgrowth of its connection to the Friends peace testimony.



Bell Tower on the Quad

Information about our 2008 meeting is available at www.asa3.org/ASA/meetingASA.html The plenary speakers are: Douglas Diekema, University of Washington, pediatrics and bioethics; C. Dean Freudenberger, Claremont and Luther Seminary, worldwide agricultural missions; W. Kent Fuchs, Dean of Engineering at Cornell, appropriate technology for service; Tom Headland, Wycliffe and the University of Texas, anthropology and linguistics; Larry Schweiger, president of National Wildlife Federation; **Jennifer Wiseman**, NASA astrophysicist and former congressional science fellow.

ASA Member, from p. 1.

Anne directs a group of computer scientists and biologists, helping researchers worldwide “to extract the richest information possible from biological images.” She says:

To accomplish this, we develop image analysis and data exploration methods and software that are open-source and freely available to the public. I am also researching the use of cell image data as a readout of cellular state in order to gain a systems-level view of cellular functions.

They use a software tool called CellProfiler, developed by Anne’s team.

“Bold Visions” was scheduled to air on many PBS stations beginning in February 2008. In several regions, Anne’s appearance was scheduled for the third week of February, tying in

with national Engineers Week February 17–23 and National Introduce a Girl to Engineering Day February 21. Listings of airtimes and dates are at www.womenworking.com/tv/airtimes.php?id=23#1 A 30-second video clip is on-line at www.womenworking.com/tv/television_bold_visions_video.php

Intelligentsia, from p. 1.

there are seeding the culture with a conservative morality that includes the Protestant work ethic, which fuels social mobility, education, and an intellectual class. Berger concluded: “The big question is will they ... continue to [follow that ethic], or will they start drinking and fornicating like the rest of us.”

Additional details appeared in a December 19 *Boston Globe* article entitled “Evangelicals gather to brainstorm,” available at www.boston.com/news/local/articles/2007/12/29/evangelicals_gather_to_brainstorm/

ASA members **Owen Gingerich**, **Jack Haas**, **Ian Hutchinson**, and **Randy Isaac** attended. Randy reported:

... I only attended the sessions on history and on philosophy and found them very interesting. The organizers did admit they should have had an explicit panel on science and plan to do so in the next round.

In a related development, a large evangelical church in Boston brought an old earth/old universe perspective to the pulpit in November and December. Senior Minister of Park Street Church, **Gordon Hugenberger**, preached on the following topics: “God’s Universe” (Science and Creation), “Creation, Science, and (Un)Common Sense,” “Evidences of God’s Creation,” and “God’s Signature on Creation.” Psalm 19 was a consistent reference. See www.parkstreet.org/sermon_audio

www.asa3.org

is now featuring an outstanding talk by **Darrel R. Falk** and a new book *Origins* by **Deborah B. Haarsma** and **Loren D. Haarsma**. Check them out as well as many other resources on our website.

Plasma Science Christian Fellowship

The Plasma Science Christian Fellowship, or PSCF, is an informal group of scientists and engineers who share a common professional discipline, and are united in their faith in Christ. Its primary goal is to encourage each other in several ways. First, they want to learn who are other believers working in the field. Second, they encourage meeting together for fellowship at workshops and conferences, such as the annual meeting of the American Physical Society Division of Plasma Physics (APS DPP). Third, they seek to provide information about meetings or other resources, like the ASA, that might be of specific interest to their members. Last, but not least, they share broader prayer concerns for each other and the plasma physics community. They particularly hope to encourage Christian students who are just beginning their careers in plasma physics.

The PSCF has no denominational identity, political agenda, or plans for overt evangelization activities. Their first meeting was held during the 2006 APS DPP conference, and it was organized by Dave Hill in the Fusion Energy Program of the Lawrence Livermore National Laboratory in California. There are presently thirty-four people on their membership list, and they come from national laboratories, universities, colleges, and industry. A notice for their gathering during the APS DPP last November appeared in the “DPP Chronicle,” the official announcement of conference events.

Ian Hutchinson and **Bob Kaita** described ASA to 18 attendees, including a couple of graduate students. This was followed by a good discussion of issues in research and teaching that challenge Christians in their institutions. Several people asked how to join ASA.

This group will meet at future APS DPP conferences and other similar venues, and all are welcome to attend. For more information, please email Dave Hill (hilldn@fusion.gat.com), Bob Kaita (kaita@ppl.gov), or Ian Hutchinson (hutch@psfc.mit.edu).

✉ *Bob Kaita*

ASAers In Action

• **Allan Harvey** received a Ph.D. in chemical engineering from University of California, Berkeley. Since 1994 he has been a chemical engineer in the Theory and Modeling Group, Physical and Chemical Properties Division, National Institute of Standards and Technology, Boulder, CO. He has designed a course titled “Science and Nature in Christian Perspective,” which he taught last spring at the First Presbyterian Church of Boulder. The course developed over a 10-yr. period, largely through interactions with ASA members and helpful books. Allan became a member of ASA when **Garrett Deweese** of Talbot School of Theology lent him some books and invited him to the Rocky Mountain Local Section. He is now on its Board. You can see his 42-page course at <http://members.aol.com/steamdoc/sci-nature/index.html>

• **Francis Collins** received standing ovations when he spoke at the November 2007 meeting of the National Biology Teachers Association in Atlanta. He gave some educational resources from the National Human Genome Research Institute. Included were “The Community of Genetic Educators,” whose website (www.coge.nih.gov) contains free videos, copyright-free illustrations, and information about their annual “DNA DAY,” when the Human Genome Project scientists answer hundreds of questions live on-line. ✉ *Wes McCoy*

• *Parade*, Dec. 30, 2007 (p. 5), featured an article by President George W. Bush titled “What Made My Year Special.” He said it was people, and one of the five individuals who influenced him in 2007 was **Francis Collins**. President Bush said:

Another leader who inspires me is Francis Collins ... His work is important because the more we understand the human genome, the greater the opportunity for breakthroughs in the fight against cancer, diabetes, and other diseases. Francis also is a believer in God. At this year’s National Prayer Breakfast, I heard him speak about how the work he does helps him fulfill his religious calling to alleviate human

suffering. Francis is both a man of science and a man of faith.

• In February, **Francis Collins** spoke at Columbia University, sponsored by the Center for the Study of Science and Religion; presented the 2008 William and Margaret Witherspoon Lecture at Queens University in Charlotte, NC; and on the campuses of U.C. Berkeley and Stanford. According to **Walt Hearn**, the talk at Berkeley drew some 1,500 people and was sponsored by a consortium of Christian groups called the Veritas Forum.

• Point Loma Nazarene University biology prof. **Rebecca Flietstra**, one of the new book review editors for our ASA journal, spoke on “A Neuroscience of the Incarnation” to the Christian Neuroscience Society at the Society of Neuroscience Convention in San Diego last November. Flietstra’s talk explored how our current understanding of neuroscience, particularly developmental neuroscience, can help us more fully appreciate Christ’s incarnation.

• **Jennifer Wiseman** gave a talk, “The Wave(length)s of the Future: Observing Star and Planet Formation with ALMA and Herschel,” at the Goddard Scientific Colloquium in February. The Goddard Space Flight Center, located in a Maryland suburb outside Washington, DC, is comprised of engineers and scientists dedicated to sharing knowledge of Earth, Sun, Solar System, and Universe.

• **Timothy Chen** was active in the Washington, DC, ASA Local Section and a statistician at the National Institutes of Health. He retired and became a pastor. He and his wife, Meei-Ming, now live in Chesterfield, MO, and he serves as pastor of St. Louis Chinese Gospel Church. Chen prepares sermons, leads a book-study group, and attends the International Lunch at Washington University for the purpose of reaching out to Chinese students and scholars. Individuals whom he has influenced can be found all over the world. Meei-Ming counsels, contributes articles to local Chinese newspapers, and participates in Mandarin, Cantonese, and English fellowships. Their older son, Stephen, an Air Force physician, recently returned from deployment in Iraq. Their younger son, Daniel, is at Harvard Law School. ✉ *Paul Arveson*

• **Ide Trotter**, of Duncanville, TX, endowed the Trotter Prize which is given annually and jointly by the Colleges of Science and Engineering at Texas A&M University. It recognizes “seminal contributions in the areas of information, complexity and inference illuminating the wonders of nature” and it honors Ide’s father, a long-time dean at Texas A&M. **Francis Collins** will be one of the winners and lecturers on March 20. Past winners include **William Dembski**, Paul Davies, Charles Towns- and, William D. Phillips, John Polking- horn, and Simon Conway Morris.

Opportunity for a College or Other Nonprofit Organization

David Willis, biologist, ASA Fellow and member of ASA for over 50 years, and the ASA National President in 1975, is now retired from Oregon State University, living in a retirement community in McMinnville, OR. He has a nearly complete set of *Journal of the ASA* (now *PSCF*) from December 1958 to the present and *Newsletters* from most of the same period. In retirement, his storage space is at a premium, and he would like to donate these back issues to any Christian organization (college, school, or other nonprofit organization) that would find them useful.

He would be happy to send these via USPS Media Mail with the following conditions:

1. That he would be reimbursed promptly for the mailing costs, and
2. That the organization receiving them would issue an official receipt for use as an income tax deduction.

Interested individuals may contact:

Dr. David L. Willis
841 NW Meadowood Circle
McMinnville, OR 97128
Phone: (503) 472-7153
E-mail: willis2232@comcast.net

• At the AAAS annual meeting in Boston in February, **Owen Gingerich**, of Harvard Smithsonian Center for Astrophysics, spoke on “Faith and the Laws of Nature” at the ASA get-together.

• Princeton plasma physicist **Robert Kaita** attended the Christian Worldview Conference at Princeton recently and was able to speak with John Polkinghorne. He left materials about ASA in a “high traffic” area near the refreshments. We thank Bob for making attendees aware of ASA.

• Last November, **Ted Davis** gave a lecture in Schmucker Hall at West Chester (PA) University, titled “Samuel Schmucker and the Harmony of Science and Religion.” Everyone connected with West Chester University associates the Schmucker name with the campus science building. Ted noted that Samuel was one of the most widely known science writers and lecturers in the United States eighty years ago. He wrote five books about evolution and religion and was one of seven scientists who wrote a series of pamphlets to stem the antievolution movement. His message was progressive for his time, asserting that science and religion in general, and evolution and religion in particular, can be harmoniously related. Ted is a Distinguished Professor of the History of Science at Messiah College, Grantham, PA, and is a national expert on the beliefs of American scientists during the 1920s.

• George Fox University psychology professor **Rodger Bufford** has written four articles for the *New Dictionary of Christian Apologetics*, (Leicester, England: InterVarsity Press). The topics are B. F. Skinner, Narcissism, Psychology, and Paradox. Bufford observes:

The paradox article is perhaps of most general interest. Paradox has been known since antiquity, but was treated as trivial until the beginning of the 20th century. Then the announcement of what is now known as Russell’s Paradox after its author, Bertrand Russell, set the mathematical world on its metaphorical head. Russell’s paradox revolves around the question of whether a set of all

sets contains itself as a member. Since its publication, paradox has come to be treated as having profoundly significant practical as well as intellectual significance.

• At the third Korean Christians in Science (KCIS) conference last August, Executive Director Jaeyul Kwon invited both **Alyne MacLean** of Science with a Mission and **Walt Hearn** of New College Berkeley to be plenary speakers. The audience at the Francis Asbury United Methodist Church in Rockville, MD, consisted mostly of young post-docs, many working in nearby labs of the National Institutes of Health, plus grad students from various universities.

KCIS has a close relationship to an ASA-like fellowship in Korea, the Korean Christian Forum in Science and Engineering. Their website is www.sciengineer.or.kr/ The groundwork was laid decades ago by two ASA members who were “technical missionaries” to South Korea. **Clarence Prince** helped establish an engineering department at a young university in Korea, then moved on to do the same kind of mission work in Indonesia before retiring in Texas. **Wesley Wentworth**, an engineer who traveled all over South Korea, still lives in Seoul as a representative of InterVarsity Press. We are seeing the fruit of their labors.

• **Fazale Rana, Hugh Ross, Charles Thaxton, Walter Bradley, and Stanley Rice** were mentioned in the May–Aug. 2007 *Reports of the National Center for Science Education (NCSE)*, mainly with book reviews.

The NCSE January 4 web update contains a discussion on a presidential debate on science and technology. A nonpartisan coalition is calling for such a debate. The coalition writes:

Given the many urgent scientific and technological challenges facing America and the rest of the world, the increasing need for accurate scientific information in political decision making, and the vital role scientific innovation plays in spurring economic growth and competitiveness, we call for a public debate in which the U.S. presidential candidates share their views on the issues

of the environment, health and medicine, and science and technology policy.

The coalition is chaired by Representatives **Vern Ehlers** and Rush Holt, scientists themselves, who remarked in a joint statement:

We believe a debate on these issues would be the ideal opportunity for America and the candidates to explore our national priorities for the twenty-first century, and we hope candidates will wish to be involved in such a discussion.

Two Opportunities to Serve Overseas

1. International Institute for Christian Studies’ (IICS) motto is “To change a nation, teach the leaders; to teach the leaders, go to the universities.” During a recent visit to Sudan, IICS president Daryl McCarthy learned that the University of Juba had only 4 foreign teachers. His first reaction was that most universities that size would have at least 20. He was surprised when the vice-chancellor told him all of the foreign professors were from Pakistan or Iraq.

McCarthy explains that the University of Juba was founded to serve southern Sudan, which is primarily Christian. For more than 25 years, a civil war has raged in Sudan, often pitting Muslims against Christians. More than two million people have been killed and more than four million have fled as refugees. Since the 2005 peace agreement, the University of Juba is trying to rebuild the south. Fortunately, many peace-loving Muslims welcome the help of professors around the world, including Christian professors. Southern Sudan represents a splendid opportunity for professors who have a Christian commitment, from a variety of disciplines, to help rebuild a badly broken nation. More information is at www.iics.com.

2. Haven of Peace Academy, an international Christian K–12 school overlooking the Indian Ocean in Dar es Salaam, Tanzania, is looking for dedicated Christian physics and chemistry teachers who can provide an education for 11th and 12th grade students. Teachers who have a Bachelor’s degree in

education or in chemistry or physics, who love children, and who are 55 years old or younger are invited to apply. Those who can commit to 2 years or more will be given preference. One of their long-standing science teachers is **William Transburg**, who encouraged the Personnel Coordinator to contact ASA. For more information, visit www.hopac.net/ or email Jane Gruler-Johns at personnel@hopac.net

Of Interest

• The *New York Times* (Nov. 25, 2007) mentioned the ASA. It quoted **Stephen Moshier**, chairman of Wheaton College's geology department, saying that "most members of the American Scientific Affiliation, a collection of Christians with degrees in the sciences, qualify as old-earthers." But, according to Moshier, the young-earthers have "a lot more influence" in society. They have "tremendous clout" with Christian publishers and are "very, very successful in getting their word out."

• The Canyon Institute for Advanced Studies (CIAS) in Phoenix, AZ, sponsored a public lecture in February by Don N. Page, a world renowned physicist and cosmologist, mentored by Stephen Hawking. It was titled "Does God So Love the Multiverse?" Page argued that multiverse ideas, though not automatically a solution to the problems of physics, deserve serious consideration and are not in conflict with Christian theology. CIAS's latest newsletter has much information on Page and this controversial thesis. It can be found at www.canyoninstitute.org/index.php?page=cias_newsletters.

Bill Williams is the director and founder of CIAS, an interdisciplinary research center which brings together creative minds and information as resources for thoughtful Christians and others who are trying to better understand the substance and challenges of our rapidly changing world. He is also the administrator of the prestigious *Templeton Prize for Progress Toward Research of Discoveries about Spiritual Realities*. **David Siemens, Jr.** edits their newsletter, and **James Armstrong** is their program director. For more infor-

mation about CIAS, visit their website www.canyoninstitute.org e-mail info@canyoninstitute.org or call (602) 252-4203.

Summer Opportunities

• Duke University is presenting workshops organized by its Center for Spirituality, Theology and Health on July 21–25 and August 11–15. They compress a two-year post-doctoral fellowship into five days and are the only place in the world where specific training on how to conduct research on religion, spirituality, and health can be obtained from people who have been active in the field nearly 25 years. Because this training includes individual mentorship, the workshops are limited to 20 participants each, so it is important to register early. Visit www.dukespiritualityandhealth.org/education/summer-research/

Direct questions to Dr. Harold G. Koenig at Koenig@geri.duke.edu or mail him at Duke University Medical Center, 415 Clarion Dr., Durham, NC 27705.

• Have you ever dreamed of being part of an archaeological dig that relates to the Bible? Visit www.findadig.com for information on 21 digs in Israel that are seeking volunteers this summer.

Coming Events

Lecture Series

• The Zygon Center for Religion and Science presents a series of free public lectures on "The Future of Creation: Foundations for a Just and Sustainable World" on Tuesdays, 6:30–9:30 p.m., at the Lutheran School of Theology in Chicago, Room 350. For a complete schedule of the lectures, visit: www.zygoncenter.org/future_creation.html Email Christina Heisser at zcrcs@lstc or call (773) 256-0670.

• University of Arizona in Tucson has a free spring lecture series titled "Astrobiology and the Sacred: Implications of Life Beyond Earth." These began in January but will continue at the university's Center for Creative Photography, beginning at 7 p.m. on Tuesday nights through May 6. From the perspectives of astronomy, history, philosophy, and biology, 11 scientists and writers will consider the earth within the context of the search for life in the universe. For more information, visit <http://scienceandreligion.arizona.edu> Sponsors are the John Templeton Foundation and Metanexus Institute on Religion and Science.

• Jeffery Kieft will present a series of four classes on Evolution and Science at Shepherd of the Hills Presbyterian Church in Denver, on Sundays at 9 a.m., March 30–April 20. Jeffery is assistant professor in the Department of Biochemistry and Molecular Genetics, University of Colorado School of Medicine. For information, call Carolyn Coolbaugh at (303) 279-1773 or email her at Carolyn@coolbaugh.net

Lectures and Conferences

- Mar. 1.** "Thriving in Academe," Denver, CO, regional symposium for Christian faculty, administrators, and graduate students. Sponsored by InterVarsity Christian Fellowship. Details at www.intervarsity.org/gfm/faculty/event/2008-colorado-symposium-thriving-in-academe.
- Mar. 3–8.** "Extending Life: Setting the Agenda for the Ethics of Aging, Death, and Immortality," Sponsored by The Center for Bioethics and Human Dignity. Details at www.cbhd.org/conferences/index.html or call (888) 246-3844. This is in partnership with Trinity International University Center for Educational Excellency at Grand Canyon University, The Grace Inn Conference Center, 10827 S. 51st St., Phoenix, AZ 85044.
- Mar. 7–8.** "Insights into the Bible from Archaeology" and "Monarch or Messiah? The King of Jewish Expectation and the Christ of the New Testament," Ft. Lauderdale, FL Details at www.biblicarchaeology.org/flauderdale
- Mar. 8.** ASA OK-TX Section Meeting, Star Pizza II, 77 Harvard in the Houston Heights, 12:00–3:30 p.m. Contact **Scott Robinson**, scottandpennyhouston@comcast.net
- Mar. 12.** Robert Welsh of Azusa Pacific University, Azusa, CA, will present "Religious Delusions and Infanticide," 6–7:30, Los Angeles Pacific College Banquet Room, Turner Campus Center, East Campus.
- Mar. 13.** **Francis Collins** will speak at the annual fund-raiser of the C.S. Lewis Institute at the Fairview Park Marriott, Falls Church, VA from 7–9 p.m. See www.cslewisinstitute.org.
- Mar. 13–15.** "Coming to Grips with Creation Conversation 2008," at Southwest Bible Theological Seminary, Dallas-Ft. Worth, TX. ✉ **Carol Hill**
- Mar. 20.** **Francis Collins** will be a lecturer at Texas A&M University, and he will receive the Trotter Prize.
- Mar. 26.** Robin Collins of Messiah College will present "Fine Tuning in the Universe," Azusa Pacific University, 6–7:30 p.m., LA Pacific College Banquet Room, Turner Campus Center, East Campus.
- Mar. 26–27.** "String Theory and the Multiverse: Philosophical and Theological Implications," Wheaton College Science Symposium, Wheaton, IL. Email physics@wheaton.edu or call (630) 752-5007
- Mar. 28.** Second Annual Faith and the Environment Lecture, "Troubling Questions in Conservation Biology: Do Values and Purpose Matter in Biodiversity

Conservation?" St. Paul, MN. Speaker: **Fred Van Dyke**, Wheaton College Professor of Field Biology: 7:00 p.m., McNeal, 33. NOTE: Lecture locations are subject to change. For updated information, check www.MacLaurin.org

Mar. 28–30. The Goshen Conference on Religion and Science in Goshen, IN. Speaker: Holmes Rolston III, a Distinguished Professor of Philosophy at Colorado State University. Visit: www.goshen.edu/religionscience

Apr. 1–3. "Transforming Culture: A Vision for the Church and the Arts," Hill Country Institute for Contemporary Christianity, Austin, TX. Details at www.transformingculture.org

Apr. 3. "Conceiving Parenthood: American Protestantism and the Spirit of Reproduction," Minneapolis, MN. Speaker: Amy Laura Hall, Duke Divinity School, 7:00 p.m., Nicholson Hall, 275. NOTE: Lecture locations are subject to change. For updated information, check www.MacLaurin.org

Apr. 10–12. "Open and Relational Theologies Engaging Science." A panel of open and relational Theologians will engage science at a national conference at Azusa Pacific University, Azusa, CA. Program organizers include **Karl Giberson**, **Thomas J. Oord**, and Clark Pinnock. **Francis Collins** will be a presenter.

Apr. 16. Randy Van Dragt, of Calvin College, will present "Environmental Stewardship: Roles of Science and Faith," at Azusa Pacific University, Azusa, CA, 6–7:30 p.m. in the Los Angeles Pacific College Banquet Room, Turner Campus Center, East Campus.

Apr. 19–Nov. 30. Human evolution extravaganza exhibit at the University of Pennsylvania Museum in Philadelphia. Visit www.museum.upenn.edu/new/news/fullrelease.php?which=289

Apr. 30. **Rebecca Flietstra** will speak on "The Human Need for Love," Azusa Pacific University, Azusa, CA, 6:30–7:30 p.m. in the Los Angeles Pacific College Banquet Room, Turner Campus Center, East Campus.

Apr. 30–May 5. International Society for Science and Religion conference, Sigtuna, Sweden. "How Do We Know? Understanding in Science and Theology." See www.issr.org.uk/

Aug. 1–4. ASA/CSCA Annual Meeting, George Fox University, Newberg, OR.

With the Lord

• **John Woodburn** died Nov. 29, 2007, at age 93. He earned a Ed.D. from Michigan State University and began teaching in 1936 at Michigan State, Illinois State, the University of Virginia, George Washington University, and Johns Hopkins University. At Johns Hopkins, he developed the Ford Foundation Masters of Arts in Teaching program. He was in the U.S. Navy as a Lieutenant flight navigator during WW II. John was a resident of the Washington, DC area

for 47 years and served as the assistant executive secretary of the National Science Teachers Association.

John authored more than 20 science enrichment books as well as numerous journal articles and pamphlets on the subject of teaching. He founded Teaching Research and Development Associates and launched two science related magazines. He received three Science Teacher Achievement Recognition Awards, the National Science Teachers Association Citation for Distinguished Teaching, and the Manufacturing Chemists Association National Award for Excellence in Chemistry Teaching.

In 2000 John and his wife, Ruth B. Woodburn, moved to Amherst, OH, where he was a member of the Amherst Presbyterian Church. John joined ASA in 1960.

• **Thomas F. Torrance** died Dec. 2, 2007, at age 94. He was a leading Protestant theologian who served for 27 years as professor of Christian Dogmatics at New College, Edinburgh in the University of Edinburgh. He wrote many books and articles and translated several hundred theological writings into English from other languages. He edited the English translation of the 13-volume, six-million-word *Church Dogmatics* of Swiss theologian Karl Barth. He is considered to be one of the most important Reformed theologians of his era. He was the son of missionaries in China and served two parishes in the Church of Scotland.

When war threatened Europe in 1939, he declined a job offer at Princeton University in order to serve as a military chaplain with the British Army in the Middle East and Italy. He was married with three children. He will be remembered for his writings on the Trinity, and on the relationship of science and Christianity.

• **Karen Muyskens** died Jan. 13, 2008, at age 46 in Grand Rapids, MI. She had been hospitalized just five days, succumbing to a still-to-be-determined infection. Karen and her husband, **Mark**, had a unique situation, sharing one position in the Calvin College chemistry department, eventually earning one

tenure slot together. From all reports, that situation provided the best of both worlds to the family and to the college.

Karen and Mark were part of a \$222,000 grant from the National Science Foundation to Calvin, Hope, Kalamazoo and the University of Wisconsin-Eau Claire to buy a high-end tunable laser system for use in chemical research. Karen had a passion for bringing research and teaching together. Her father, **Richard F. Carlson**, is a longtime ASA member. The college's tribute to her is at: www.calvin.edu/news/releases/2007-08/karen-muyskens.htm

• **Gordon C. Mills** died Jan. 24, 2008, at age 83 in Atlantic Beach, FL. Two days after graduating from high school he was injured in a farming accident, which resulted in paralysis from the knees down. He walked with braces the rest of his life. Gordon earned a Ph.D. in biochemistry from the University of Michigan. He was a research associate in the biochemistry department at the University of Tennessee Medical School for five years and then went to the University of Texas Medical Branch at Galveston in 1955 and taught medical and graduate school in the Department of Human Biological Chemistry and Genetics until he retired in 1989.

In 1957, Gordon wrote a paper on glutathione peroxidase, an enzyme, and was later credited with the discovery of it, having written at least five articles on it before anyone else. After retirement, he continued his research at the university as a professor emeritus. He was married to the late Mary Jane Mills.

Gordon joined ASA in 1960 and was a Fellow. He was a member of many scientific societies and held leadership roles in the University of Texas Galveston Chapter, Society of Sigma Xi and was a recipient of their John G. Sinclair Award in 1987.

Newsletter Disclaimer

As a newsletter, this publication presents news spanning a spectrum of activities, reports, and publications in order to keep readers abreast of a variety of events and views. Just as newspapers report statements made by people of various viewpoints and opinions without endorsing them, inclusion in this newsletter does not constitute or imply official ASA endorsement.

Baylor Launches New ASA Chapters

The Baylor University student chapter of the ASA held its first meeting January 22, with 26 in attendance. Lead-off speaker was Matthew Stanford, Baylor professor of psychology and neuroscience, addressing the subject “Demon or Disorder: Attitudes Toward Mental Illness in the Christian Community.”



Matthew Stanford

At the February 5 meeting, a standing room crowd of 40 students and professors heard Associate Professor of Physics **Gerald Cleaver** speak on “Before the Big Bang: String Theory, God, & the Origin of the Universe.” As of press time, Associate Professor of Biology Chris Kearney was scheduled to speak February 19 on “Understanding God through Nature and the

Word: Genesis from a Scientific Perspective.”

Walter Bradley says the group plans to meet every Tuesday—having speakers every other week, and on the alternate Tuesdays having a luncheon for in-depth discussion with the speaker. Speakers will generally be Baylor faculty members, except for **Francis Collins**, who will be the Distinguished Guest Lecturer on Wednesday, March 19. The March/April schedule is:

- March 4, James Marcum, Associate Professor of Philosophy, “Mitochondrial Eve”
- March 19 (Wednesday), **Francis Collins**, “The Language of God”
- April 1, **Walter Bradley**, Distinguished Professor of Mechanical Engineering, “Must a Christian Believe in Design?”
- April 15, Robert Marks, Distinguished Professor of Electrical Engineering,

discussing “Evolutionary Informatics: Measuring the Cost of Success,” and

- April 29, Frank Beckwith, Associate Professor of Philosophy, speaking about “Defending Life.”

Rooms and times may vary. Please contact michelle_landivar@baylor.edu for details.

In addition to the student chapter, Bradley and his colleagues are in the final stages of launching a companion ASA chapter for the larger public, “using the core of ASA current members and new ones that they hope to recruit through the meetings they are having and the various activities.”



Walter Bradley

This chapter will meet concurrently with the student chapter on the Baylor University campus.

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