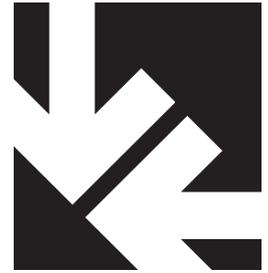




# NEWSLETTER

of the  
American Scientific Affiliation &  
Canadian Scientific & Christian Affiliation



Volume 46, Number 2

MAR/APR 2004

## O Canada! Here We Come!

The 2004 Annual Meeting will be at Trinity Western U. (TWU) in Langley, British Columbia from July 23–26. We hope all of our members will seriously consider attending as the setting, the content, and the fellowship can't be beat!

TWU was established as a junior college in 1962 when a group of Christians with a vision purchased a dairy farm and began offering classes to 17 students. The founding denominations were the

Evangelical Free Churches of Canada and America. It became Trinity Western C. in 1972, and since 1985 it has been TWU. It has an enrollment of over 3,500 students and has approximately 16,000 alumni. There are 38 undergraduate majors and 12 graduate programs including the Graduate School of Theological Studies. TWU has programs abroad in Guyana, England, N. Ireland, and Lithuania, as well as other areas.

The campus in Langley is 157 acres and it is 45 minutes from downtown Vancouver and 2½ hours from Seattle. There are also extension campuses. 71% of the students are Canadian, approximately 22% are from the US, and about 7% are international.



Aerial view of Trinity Western U., Langley, BC

TWU takes a unique approach to university education. Working from a Christian worldview, it combines ethics and morality with career-oriented disciplines in an integrated learning community.

It facilitates whole-person development and transforms many young men and women with a vision to make a positive contribution to the world. TWU delineates six core values: (1) growing as disciples in community; (2) obeying the authority of Scripture; (3) pursuing faith-based and faith-affirming learning; (4) servant leadership as a way of life; (5) striving for excellence in university education; and (6) having a transformational impact on culture. More information at: [www.twu.ca](http://www.twu.ca)

## Meet Our TWU Program Chair: Judith Toronchuk

CSCA's representative and program organizer on Trinity Western U.'s campus this year is **Judith Toronchuk**, assoc.

prof. of biology and psychology. She has degrees in biology and physiological psychology from Rutgers and McGill. Her early research involved



Judith Toronchuk

electrophysiological studies of the auditory mid-brain and cortex. At the Max Planck Institute for Psychiatry in Munich, 1976–1981, she investigated neural responses to species-specific vocalizations in the squirrel monkey midbrain, thalamus and cortex and later joined the research group at the U. of Munich studying auditory responses in bats. From 1987 to 1992, she was part of a sensory physiology group at the U. of British Columbia working on cortical

*Continued on p. 3, Toronchuk*

## Malcolm Jeeves To Be Featured Plenary Speaker

Our big news is that Prof. Malcolm Jeeves, emeritus prof. of psychology at the U. of St. Andrews in Scotland, and author of many science and faith-related books and articles, is going to be our featured plenary speaker at our Annual Meeting.

In 1992 he was honored by the Queen by being made a Commander of the Order of the British Empire (CBE) for his services to psychology in Britain. He was President of the Royal Society of Edinburgh, Scotland's National Academy of Science and the Humanities, 1996–99. We will feature Prof. Jeeves and his upcoming presentation in more depth in our next issue.

## The Executive Director's Corner

Donald W. Munro

It is good to be back in the office after an extended period of recuperation following surgery for a quadriceps tendon rupture. My living room became my office and your e-mail messages were a welcome sight as a window to the outside world. I now have a walker, crutches, cane, leg weights, and an immobilization cast should I need them in the future. Thanks so much for your cards and well wishes.

Our meeting at Trinity Western U. is just around the corner and you will be receiving registration materials in the near future. Continue to encourage students and early career scientists to apply for scholarship help. Their application deadline is March 31. You can come and bring several from your college or university. The students had a great time last year. We also need your registrations for the Canadian Rockies post-meeting trip so we can determine how many places should be reserved. I am looking forward to another great meeting and trip, and I hope that you are, too.

In this issue, we recognize those who joined ASA back in 1959, forty-five years ago. The number on the list is a little thin compared to other years but no less important. **Robert L. Bohon**,

whose obituary notice is included in this newsletter joined in 1959. There are seven 1959ers who are still active members and they are: **V. Elving Anderson, Paul F. Barkman, Robert A. Carlstrom, E. Howard Coker, John A. Gustafson, Harold R. Stephens** and **Ian J. Tinsley**. We congratulate them and wish them many more active years.

The ASA Council met at Wheaton C. in December. They were graciously hosted by **Dorothy Chappell**, Dean of the Natural and Social Sciences at the college. Besides the five Council members, **Don McNally**, Canadian Scientific and Christian Affiliation Executive Director and **Susan Daniels**, Student and Early Career Representative, were in attendance. It was my great sorrow not to be physically able to attend but I sent many comments and talked by speaker phone on several occasions. It was Dot's last Council meeting ending her five-year term. We greatly appreciate all she has done during that time. Now **Ruth Miller**, associate professor of electrical and computer engineering at Kansas State U., has joined the Council to begin a five-year term.

Council did make a tough decision as they saw what inflation was doing to ASA and what future increases were on the table for office rent, insurance, printing costs, and so forth. So after many years at \$55 for membership, they decided to raise the dues for members, friends and associates to \$60 and increase the Fellow dues from \$75 to \$85. They kept the student, spouse and retired members' dues the same. It really is a minor increase compared with overall inflation since 1995, the last time the dues were increased.

Council spent time discussing suggestions from within Council and by members of ASA's Communication Commission about ways to streamline communication between Fellows, members, students and early career scientists, and the science community. If you have suggestions along those lines, please send them to me. We also

hope to continue to make use of our website by posting our annual report and placing and continually updating our ASA Directory on a secure site. This will cut mailing costs and keep you better informed of members' addresses, e-mails and other essential contact information. Stay tuned for information about these projects.

One of our staff members, Laurie Grover, who is responsible for maintaining the membership and financial records will be leaving us at the end of March. She needs the time to care for a sick parent. We really appreciate the good work that she has done in updating our systems and caring for the ASA community. We will certainly miss her in the office. Council commended her for her excellent service. Pray that another worker can be found soon.

It has been especially hard these past few weeks as we had a serious breakdown in our computer system. Our older server crashed before we had the new one fully operational. Thanks to our ITs, Dan Fales and **Phil Jackson**, we are now back to speed. Fortunately we did not lose too much data as the database was backed up. However, it did slow everything down since some things needed to be recreated.

Thank you so much for your flurry of gifts at the end of 2003. That greatly helped our budget deficits but I do not know the full extent yet. I am hoping that donations came very close to what was budgeted. The names of all donors will be listed in the March journal and this year's list is longer than last year's which certainly is a blessing. Of course, I cannot end a letter without encouraging you to continue to send these much needed gifts as we work on the 2004 budget which is precariously balanced. We pray for the growth and vitality of ASA.



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Editors: David Fisher, Margaret Towne  
Managing Editor: Lyn Berg

**Toronchuk**, continued from p. 1

mechanisms of auditory localization. Presently, she is teaching neuroscience and psychology of gender.

Her interests include neural mechanisms of audition, the neuroscience of religious experience, and cross-cultural attitudes toward gender roles and stereotypes. She has also been a visiting fellow at Regent C. in British Columbia.

Judy has been active in ASA for over 20 years and, since moving to Canada, in the CSCA, too. She is on the CSCA executive board and has been involved in planning and coordinating the CSCA lecture series *Science & Faith in the New Millennium* since 2001. We thank her so much for her hard work in organizing our annual conference, and we look forward to seeing her and TWU in July.

**Of Interest**

**Religious Studies Classes Gain Popularity in College**

Much has been written in recent months about the college-age generation embracing spirituality. Religion has become one of the hottest areas of study in campuses across the country. Universities are offering more classes. The U. of Miami, for instance, reports that enrollment in religious studies classes has almost doubled in less than five years. Scholars say Generation Y'ers seek religious education out of curiosity as well as their need to understand current events and this technically advanced world. They are interested in understanding their roots, and in recent years, it is more acceptable to be religious than previously. A professor at Loyola U. in Chicago suggests that the old idea of educating the whole student is returning, with a more modern appreciation for diverse beliefs and backgrounds. In Nov. 2003, *The Chronicle of Higher*

**Job Postings**

For descriptions of job postings, visit the ASA website, [www.asa3.org](http://www.asa3.org). At press time, these included:

**Director, Center for Research and Innovation:** Taylor U.; **Biology/Environmental Science and Mathematics/Computing Science:** Concordia U.

**Introducing an Early Career Scientist:**

**CHARLES W. CARRIGAN**

**Charles W. Carrigan** was born in Sikeston, MO, in 1974. His father was a Nazarene pastor. They moved to Bremerton, WA, and his teen years were spent in the suburbs of Chicago. He attended Olivet Nazarene U. majoring in geology and learned about ASA and ACG from his advisor, Prof. Max Reams. After college he worked for a construction consulting company as a materials testing technician. Two years in the "real" world was enough to send him back to academia. He completed an MS in geology at Vanderbilt U. in 2000. Since then, he has been at the U. of Michigan working toward a PhD in geological sciences. In 1998 he married Dana R. Ferris.

Charles' interests in geology focus on the genesis of igneous and metamorphic rocks, evolution of the continental crust, and plate tectonic history. For his thesis at Vanderbilt, he sampled the Middle Proterozoic basement rocks that occur in the southern Appalachian Mountains. That period was a time when geologists believe that most of the continents were arranged into a

single supercontinent called "Rodinia" (Russian for "motherland"). The thrust of this project was two-fold: (1) to examine how the Middle Proterozoic rocks of southeastern N. America fit into the Rodinian picture; and (2) to test models of the accretionary history of the southern Appalachians. This work was published in *Precambrian Research* (vol. 120 [2003]: 1-36) and was the #10 most downloaded article for that journal between May 2002 and May 2003. His dissertation work at Michigan has taken him to Bulgaria where he is working on the Paleozoic development of southeastern Europe. He also will visit Romania, Turkey, and other places in Europe. Charles is due to finish his dissertation this year and plans to continue research into tectonic and petrological problems in the future.

In addition to his interest in geology, Charles also has a passion for Christian education and hopes to be part of a movement toward productive research and the advancement of new ideas within the Christian academic world.

*Education* had a large article on this subject stating that two-thirds of college students have a strong interest in religious or spiritual matters, according to researchers at UCLA. They suggest that professors should do more to encourage students to explore spiritual issues. See <http://chronicle.com/daily/2003/11/2003112102n.htm>

**Lack of Religious Preference Doesn't Equate With Nonbelief**

*Scientific American* (Feb. 2003: 26) included an article "Religion in America: Church Attendance has Dipped, but Faith Remains Strong." Roger Doyle states:

The 1990s saw a substantial increase in the proportion of Americans with no religious preference, mostly because of a shift in demographics, not a rise in religious skepticism.

Young adults frequently disengage from religion when leaving the parental home but re-engage after forming a family, but as a result of the recent trend toward marrying later in life, for many that re-engagement hasn't happened yet. The percentage of adults raised with no religion rose from 3 to 6 percent over the past 30 years, but only about one-third of those without religious preferences can be counted as nonbelievers.

**JIS Announces Merit Winners**

The recipients of the *Journal of Interdisciplinary Studies* 2003 Merit Awards are: Oleg Zinam Award for Best Essay is John Angus Campbell, "The Educational Debate Over Darwinism," and the David Morsey Award for Best Biblical

Exegesis is Gilbert R. Prost, "The Chacobo Indians of the Amazon: Discovering a Meta-Culture of Meaning and Life." ✉ **Oskar Gruenwald**, *JIS* Editor, og@JIS3.org

### Looking for the Link Between Religious Experience and the Brain

American scientists are studying the brains of meditating monks and nuns at prayer in the hope of understanding the link between the religious experience and the workings of the brain. Dr. Andrew Newberg, Director of Clinical Nuclear Medicine at U. Penn in Philadelphia says:

We wanted to find out how we as human beings experience certain types of spiritual events; how these spiritual experiences affect the different regions of the human brain and to ask important questions about the philosophical and theological implications of such research.

### 2003–2004 Gifford Lecturer Chosen

J. Wentzel van Huyssteen, chair in science and religion at Princeton Theological Seminary, has been chosen as the 2003–2004 Gifford Lecturer at the U. of Edinburgh from April 26–May 6, 2004. His lectures will be published.

The Gifford lectures were established under the will of Adam Lord Gifford, a Senator at the College of Justice, who died in 1887. He wrote:

I having been for many years deeply and firmly convinced that the true knowledge of God, that is, of the Being, Nature, and Attributes of the Infinite, of the All, of the first and the Only Cause, that is, the One and Only Substance and Being, and the true and felt knowledge of the relations of man and the universe to Him, and of the true foundations of all ethics and morals ... I have resolved ... to institute and found ... lectureships or classes for the promotion of said subjects ...

The lectures were established to "promote and diffuse the study of Natural Theology in the widest sense of the

term—in other words, the knowledge of God." The lectureships have enabled a distinctive group of scholars to contribute to the advancement of theological thought. The first lectures were given in 1888–89.

### How Some Religious Groups Look at the Physical Body

Some folk are looking at the epidemic of overweight children and adults in America and how different religious groups address this concern as they think of caring for body as well as soul. Bishop Alfred Owens, senior pastor of Greater Mount Calvary Church in Washington, DC, says:

My primary responsibility is the souls of men and women—making sure they have the right connection with God. But in addition to that, we must concentrate on the physical man so that we can live long enough to do God's will (From *Religion and Ethics Newsweekly*, Jan. 7, 2004).

### Community College and Church Offered Online Mini-Course

Mesa Community C. in Mesa, AZ and Grace Community Church in Tempe, AZ developed a free, online mini-course on what the Bible says about environmental issues. It ran from Jan. 7–Feb. 23. See <http://hislight-az.com/env/>

### Biblical Event Confirmed

Archeologists have recently confirmed the dating of the Siloam Tunnel to the time of Hezekiah. An article in *Nature* claims that this is the first time a biblical event has been confirmed by an outside independent scientific source. See *Nature* (9/11/03: 169).

### Book Stirs Controversy

Correspondents on the Affiliation of Christian Geologists (ACG) e-mail list-serve have been vigorously discussing the Grand Canyon book controversy involving the book "*The Grand Canyon: A Different View*." It seemed that most of the geologists were distressed about the content of the book and were sorry that it was being sold in the bookstores at the Grand Canyon, although views differed on whether it should be included with more conven-

tional books on Grand Canyon geology, placed with inspirational books, or banned from the Grand Canyon Association Book Store entirely. Discussions of free speech, backlash concerns, and how to best communicate with young-earth creationists ensued.

✉ **Ken Van Dellen**.

This discussion appeared in national newspapers, and it will be interesting to see where it leads. This book includes photos and essays by 23 young-earth creationists and claims that the Grand Canyon was formed after Noah's flood only a few thousand years ago. The *Los Angeles Times* states: "The flap at the Grand Canyon highlights what officials say is a problem for the national park system: how to respect visitors' spiritual views that may directly contradict the agency's accepted scientific presentations and maintain the necessary division of church and state." For more information, see: [www.nytimes.com/2004/01/18/politics/18PARK.html](http://www.nytimes.com/2004/01/18/politics/18PARK.html) and <http://washingtonpost.com/wp-dyn/articles/A29972-2004Jan19.html>

## ASAers in Action

• **Ted Davis** and **Warren Brown** will be visiting lecturers at Kansas State U. on April 29–30. Each will be delivering evening presentations open to the public as well as departmental seminars during the day. The theme of their visit is: "Human Evolution and Human Nature: Scientific, Historical and Theological Perspectives." **Keith Miller** received Templeton funds for this special event.

• **Keith B. Miller**, research assistant prof., Geology Dept., Kansas State U., will be featured in a special cosmology series at Eastern Mennonite U., Harrisonburg, VA on April 2. Presentations include: "A Geologist Reflects on Christian Vocation and Ministry," "Science, Faith and an Evolving Creation," and "The Fossil Record: Witness to an Evolving Creation." There will also be an evening book discussion on Keith's edited book *Perspectives on an Evolving Creation*. This is the regional meeting for ASA members and friends in the

VA/WV/MD/DC/NC area. Contact **Roman Miller** at (540) 432-4412 or millerj@emu.edu

• ASA Friend Lawrence Fagg has been very busy in recent months giving presentations in Aarhus, Denmark at the conference of International Society for Literature and Science; at the Institute on Religion in an Age of Science, Star Island, NH; in Xian, China; at the Krotona Institute in Ojai, CA; and the Viking Too Science-Religion Group, Gaithersburg, MD. He also presented "Nature's Sacred Undercurrent" at the International Forum for Science, Religion and Consciousness in Porto, Portugal, and "Intimations of Divine Action in the Physical World" at Washington Theological Union, Washington, DC. Lawrence has had the following articles published: "The Electromagnetic Undercurrent and Sacred Indwelling in Nature: A Physicist's Perspective," *Zygon* 37, no. 2 (June 2002); "Are there Intimations of Divine Transcendence in the Physical World?" *Zygon* 38, no. 3 (Sept. 2003); and in *Science and Theology News*, "The Theological Impact of Missing E. T.'s Message" (Oct. 2003) and "Just Let Go: God is not a Micro-manager" (Jan. 2004).

Lawrence is a retired research professor of nuclear physics at the Catholic U. of America. He spent much of his career at the Naval Research Lab using particle accelerators in the US, Holland, and Germany. He is an Academic Fellow and former vice-president of the Institute on Religion in an Age of Science.

• **David Oakley**, local arrangements chair for the 2003 ASA meeting in Denver and in the physics dept. at Colorado Christian U., visited the Pari Centre for New Learning (fosters an interdisciplin-

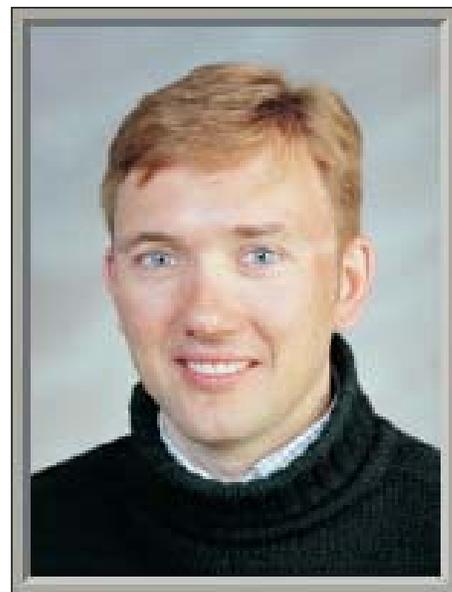
#### Newsletter Disclaimer

This publication is a newsletter. As such, its purpose is to present 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.

## Over 1,000 Collegians Hear CiS Presentations

Ard Louis, Cambridge U. chemistry prof., conducted six one-hour seminars on "Science and Christianity: Friends or Foes?" at InterVarsity's Student Missions Convention at Urbana, Dec. 26–31. Well over 1,000 students attended his presentations and asked many questions afterwards. He sensed that many were relieved to learn that (a) it was OK to do science as a Christian, (b) that their (subconscious) fear that some day science would "disprove" Christianity was unfounded, and (c) that different perspectives on the mechanisms of origins were possible with a Christian worldview, so that their faith didn't stand or fall with any particular one.

As a member of Christians in Science (CiS), the UK counterpart of ASA, he made ASA printed materials available to students, and they were gone by the end of session two. We thank Ard for representing CiS, ASA and CSCA so ably.



Ard Louis

Ard's presentation is online in both PowerPoint and html at:  
[www-louis.ch.cam.ac.uk/urbana](http://www-louis.ch.cam.ac.uk/urbana)

ary approach linking science, the arts, ethics and spirituality), Tuscany, Italy, to discuss his work on "Wittgenstein and the Quantum Eraser" as well as facilitate a day-long discussion on the subject. The focus of the presentation was to bring science and religion into dialogue by suggesting a common epistemology, one that makes use of Wittgenstein's idea of language games and compares how scientists talk about the "electron" in the face of quantum dilemmas to how theologians talk about God.

For many in the enquiry group who had heard both sides of the analytic arguments for the existence of God and remained unconvinced, this was a different and fruitful approach as summarized in the group's newsletter.

Recently, I was taken back and found myself marveling in admiration, at the courage it took for one enquiry member, who during an enquiry which touched on quantum theory said, "I'm an atheist. I don't believe in god, magic, or any of that stuff but after today, I am not so sure. Maybe I do. And that's a bit scary for me."

## ASAers in Print

• **Jeffrey K. Greenberg** completed a first draft of "The Hebrew Scriptures and Geology," an article submitted to the International Geological Congress for their meeting in Italy in August. It will be discussed in the theme session "Geology and Myth." This paper looks at the Old Testament text to see what our spiritual ancestors knew about the Earth and how it fit their world view. Jeffrey is prof. and chair, Dept. of Geology, Wheaton C.

• **Margaret Gray Towne** has written *Honest to Genesis: A Biblical and Scientific Challenge to Creationism* (PublishAmerica, 2003). This book integrates the biblical creation accounts with modern evolutionary theory. It targets a broad audience with particular concern for the layperson and is unique in that it includes both the scientific and theological dimensions of these subjects. Beginning with foundations in critical thinking, it progresses to a historic overview of the dialogue between science and religion, especially as it relates to evo-

lutionary theory. Readers will learn how to examine the Bible in light of its unique cultural and geographic settings and its ancient languages. The basics of hermeneutics are included. The foundations of evolutionary theory also are delineated, incorporating data from various fields including geology, biology, paleontology and biochemistry. The very good news is that conflict need not exist between these often seemingly opposing disciplines if the biblical and scientific records, both written by the same divine Author, are appropriately interpreted. Margaret teaches in the philosophy dept. at the U. of Nevada, Las Vegas. After earning two degrees in biology from the U. of Michigan, she attended Princeton Seminary and did her doctoral dissertation on this subject at Montana State U.

## Opportunities

- A special Canadian Rockies Tour is planned for after the ASA Langley meeting, starting on July 26. It will be for 7 days and include, among other areas, Lake Louise, Banff, Columbia Icefields, Glacier National Park, and Calgary. Email: carol@asa3.org or call (978) 356-5656

- The Wheaton C. Science Station will host a summer program for geology, environmental science, and general education majors beginning in May in the Black Hills. They have a beautiful 55-acre facility just 11 miles west of Rapid City and are looking for qualified instructors who would come for 2-4 week sessions. If you are interested, contact **Jeffrey Greenberg**, chair, Dept. of Geology at (630) 752-5866 or Jeffrey.k.greenberg@wheaton.edu

- The Institute for Research on Unlimited Love — Altruism, Compassion, Service (IRUL) is presenting a course competition to promote the study of other-regarding love. In broad terms, love is an emotion-based affirmation of the well-being of others, and it is closely linked with actions of care and service on their behalf. Often deemed a Creative Presence underlying all of

reality, participation in unlimited love constitutes the fullest experience of spirituality. The competition is intended to encourage the integration of theology, religious studies, and scientific perspectives. Teaching faculty are encouraged to submit syllabi, and faculty from all fields will be given equal consideration. Ten to twelve prizes of \$6,000 each will be awarded to the winners. Applications must be submitted by Sept. 1, 2004. Winners will be notified by Nov. 1, 2004. Email **Thomas Jay Oord**, Northwest Nazarene U: TJOord@NNU.edu to receive an application and further information.

- All are invited by International Christian Studies Association to attend their VI World Congress on "Science and Religion: The Missing Link," at Pepperdine U., Malibu, CA from July 30-Aug. 1, 2004. Bring your family and enjoy a magnificent setting. Early registration is encouraged. For those who wish to make presentations, the deadline for a 250-word abstract is March 15. See the *Journal for Interdisciplinary Studies* website for more information: www.JIS3.org Tel. (626) 351-0419 Send abstracts to **Oskar Gruenwald**, JIS editor at og@JIS3.org or via regular mail to Dr. Gruenwald at 1065 Pine Bluff Dr., Pasadena, CA 91107.

- The European Society for the Study of Science and Theology's 10th conference is April 1-6 in Barcelona, Spain. See their website: www.ESSAT.org Email their president, Willem B. Drees at w.b.drees@let.leidenuniv.nl

## Coming Events

**Templeton/ASA Lecture Series**  
Email **Don Munro**: don@asa3.org

- Mar. 9.** "Rationality in Science and Religion: A Pragmatic Approach," Wesley J. Willman, Williams C., Williamstown, MA
- Mar. 18.** "Beyond the Big Bang," William Lane Craig, U. of Colorado, Boulder, CO
- Mar. 24.** "Where Is God in Science?" **Loren Haarsma**, Baylor U., Waco, TX
- Mar. 24.** "A Universe of Wonder," **Deborah Haarsma**, Baylor U., Waco, TX
- Mar. 25.** "Evolutionary Psychology and Divine Revelation," **Loren Haarsma**, Baylor U., Waco, TX
- Mar. 25.** "Speaking to Your Church About Science," **Deborah Haarsma**, Baylor U., Waco, TX

- Mar. 25.** "The Big Bang, Stephen Hawking and God," **Henry F. Schaeffer III**, Carnegie Mellon U., Pittsburgh, PA
- Mar. 26.** "Why Should a Scientist Believe in God?" **Loren Haarsma**, Baylor U., Waco, TX
- Mar. 26.** "Current Research in Gravitational Lensing," **Deborah Haarsma**, Baylor U., Waco, TX
- Mar. 29.** "Darwin's Religious Odyssey and Its Contemporary Relevance," John Hedley Brooke, U. of Akron, Akron, OH
- Apr. 12.** "Whatever Happened to the Soul? Theological and Scientific Perspectives of Human Nature," Nancey Murphy, Juniata C., Huntingdon, PA
- Apr. 15.** "When the Sacred Cows of Science and Religion Meet," George V. Coyne, S.J., Washington and Jefferson C., Washington, PA
- Apr. 29-30.** "Human Evolution and Human Nature: Scientific, Historical and Theological Perspectives," **Ted Davis** and **Warren Brown**, Kansas State U., Manhattan, KS. See ASAers in Action.

### "Biology, Ethics and Belief: New Dialogues in Religion and Science"

This is a general lecture series sponsored by the North Central Program in Science and Theology, a project of the Minnesota Consortium of Theological Schools. Visit [www.luthersem.edu/NCPST](http://www.luthersem.edu/NCPST) Contact **Alan G. Padgett**, Prof. of Systematic Theology, Luther Seminary, St. Paul, MN. Email: apadgett@luthersem.edu Tel. (651) 641-3221

#### U. of Minnesota, St. Paul campus

- Mar. 4.** "Genetics and Human Freedom," **V. Elving Anderson**
- Mar. 11.** "Perceiving God: Religious Experience and the Human Brain," Alice Maung-Mercurio and Steve Mercurio

#### Luther Seminary, Chapel of the Incarnation, 7 p.m.

- Mar. 18.** "Brain, Consciousness & the Soul," Greg Peterson
- Mar. 25.** "Wonderful Life: Religion and the Ethics of Conservation," Daniel Philippon
- Apr. 1.** "The Ethics of Stem Cell Research," Jeffrey Kahn
- Apr. 15.** "Science vs. Belief? The Challenge of Naturalism," Terry Nichols
- Apr. 21.** "God After Darwin: Evolution and Divine Providence," John F. Haught

#### Seminars in Christian Scholarship at Calvin College, Grand Rapids, MI

- June 21-July 9.** "Works of Love: Scientific and Theological Perspectives on Altruism," Stephen Post. Email: seminars@calvin.edu/scs Tel. (616) 526-8558
- June 21-July 16.** "Nature in Belief: Evolutionary Explanation, Biological Function and Religious Purpose," Alvin Plantinga and **Jeffrey Schloss**
- July 12-30.** "Writing the World History of Christianity Since 1900," Mark Noll
- July 20-24.** "Conceptual Models for Integrating Christian Faith and Social Work Practice." Email: bracc@calvin.edu

**United Protestant Campus Ministries,  
Cleveland, OH, Church of the  
Covenant**

See [www.unlimitedloveinstitute.org](http://www.unlimitedloveinstitute.org) Click on "welcome" for more information and a free subscription to the newsletter. Email [Kah@cwrw.edu](mailto:Kah@cwrw.edu) or call (216) 231-2260 for more information on this ministry of seven mainline denominations. The lectures are from 5:30–7:00 PM.

- Mar. 18.** "Altruism and Increased Life Span," Stephen Post
- Apr. 15.** "Emerging End-of-Life Issues," Chapplain Marianne Brandon
- May 13.** "Research on 'Anger at God,'" Psychologist Julie Exline

**Additional Events in North America**

- Mar. 4.** "The Earth Charter," Susan Curry. The Cecilian Center for Earth, Arts and Spirit, Philadelphia, PA. Email: [ceciliancenter@yahoo.com](mailto:ceciliancenter@yahoo.com)
- Mar. 8.** "The Case Against Intelligent Design," Eugenie Scott. Claremont, CA. Email: [joseph.bessette@claremontmckenna.edu](mailto:joseph.bessette@claremontmckenna.edu)
- Mar. 11.** "A Tour of the Universe," Al Lamperti. The Cecilian Center for Earth, Arts and Spirit, Philadelphia, PA. Email: [ceciliancenter@yahoo.com](mailto:ceciliancenter@yahoo.com)
- Mar. 12–14.** The 4th Goshen Conference on Religion and Science, Goshen C., Goshen, IN. John F. Haught. Email: [carlsh@goshen.edu](mailto:carlsh@goshen.edu)
- Mar. 13.** "The Bioethics Revolution: A Christian Introduction," Ben Mitchell and Susan Haack. Chicago, IL. [www.cbhd.org/conferences](http://www.cbhd.org/conferences) Tel. (888) 246-3844
- Mar. 16.** "Geriatric Medicine Grand Rounds: Religion/Spirituality and Mental Health in Later Life," Harold Koenig. Durham, NC. Tel. (407) 691-5476 Email: [herdley.paolini@flhosp.org](mailto:herdley.paolini@flhosp.org)
- Mar. 25.** "Conflicts and Confederates between Mathematics and Christianity: Parables for Our Road Ahead in Science and Technology," Bruce Lundberg. Phoenix, AZ. [www.canyoninstitute.org](http://www.canyoninstitute.org)
- Mar. 25.** "The Current Interface Between Science and Religion," John Hedley Brooke. Mercyhurst C., Erie, PA. Email: [dmcfee@mercyhurst.edu](mailto:dmcfee@mercyhurst.edu) Tel. (814) 824-3607
- Mar. 25-27.** "Christianity and the Soul of the University: Faith as a Foundation for Intellectual Community," John Polkinghorne. Baylor U., Waco, TX. [www3.baylor.edu/CCSS/events/soul.htm](http://www3.baylor.edu/CCSS/events/soul.htm) Tel. (254) 710-4805
- Apr. 2.** Regional meeting for ASA members and friends at Eastern Mennonite U., Harrisonburg, VA. See ASAers in Action for more information.
- Apr. 15.** "Interpersonal Forgiveness: Forgiving for Life," Douglas Kelley. Phoenix, AZ. [www.canyoninstitute.org](http://www.canyoninstitute.org)
- Apr. 17.** "Parkinson's Disease Symposium: Spirituality in Chronic Disease," Harold Koenig. Duke U., Durham, NC. Email: [scott007@mc.duke.edu](mailto:scott007@mc.duke.edu)
- Apr. 23–28.** The International Conference on Science and Consciousness, Albuquerque, NM. Peter Russell, Raymond Moody, Judith Orloff and Alan Wallace. Email: [message@bizspirit.com](mailto:message@bizspirit.com)

- Apr. 26.** "Religion, Health and Aging: Purpose and Power in Retirement," Harold Koenig. Baltimore, MD. Email: [RWC@hscmail.mcc.virginia.edu](mailto:RWC@hscmail.mcc.virginia.edu)
- May 13–15.** "Written on the Heart: The Tradition of Natural Law," J. Budziszewski. Grand Rapids, MI. Email: [seminars@calvin.edu](mailto:seminars@calvin.edu) Tel. (616) 526-8558
- May 24–27.** "Integrating Ethics into Environmental Studies: Ethics, Science and Civic Responsibility," Dale Jamieson and Andrew Light. New York. Email: [yyemni@cceaia.org](mailto:yyemni@cceaia.org) Tel. (212) 838-4120
- May 27–29.** Third North American Multi-disciplinary Conference: Spirituality and Health, U. Calgary, Calgary, Alberta Email: [spirit@ucalgary.ca](mailto:spirit@ucalgary.ca) [www.cme.ucalgary.ca/courses/8100343.html](http://www.cme.ucalgary.ca/courses/8100343.html)
- May 28.** "Religion/Spirituality and Medicine," Harold Koenig. Charlottesville, VA. Email: [RWC@hscmil.mcc.virginia.edu](mailto:RWC@hscmil.mcc.virginia.edu)
- June 5–9.** Metanexus Annual Conference, Philadelphia, PA. Email: [conference2004@metanexus.net](mailto:conference2004@metanexus.net) Tel. (215) 789-2200
- June 28–July 2.** God & Science: A Public Dialogue, Messiah C., Grantham, PA. Contact: **Ted Davis**, (717) 766-2511 Email: [TDavis@messiah.edu](mailto:TDavis@messiah.edu)
- July 15–17.** 11th Annual Bioethics Summer Conference: Conflict and Conscience in HealthCare, Chicago. [www.cbhd.org/conferences](http://www.cbhd.org/conferences)
- July 23–26.** ASA/CSCA Annual Meeting: Neuroscience and the Image of God. Trinity Western U., Langley, BC, Canada. Email: [carol@asa3.org](mailto:carol@asa3.org)

## With the Lord

• **Howard V. Malmstadt**, prof. emeritus at the U. of Illinois, went to be with the Lord on July 7 at age 81. He earned two degrees in chemistry from the U. of Wisconsin and then served as a Navy lieutenant during WW II. Upon his return, he earned a PhD in chemistry from the U. of Wisconsin and joined the faculty at U. of Illinois in 1951. Howard was a co-developer of the first course in electronics for scientists and published the first book about the topic in 1963. He was the recipient of the 1976 American Chemical Society's Award in Analytical Chemistry, as well as the Division of Analytical Chemistry's 1963 Award in Chemical Instrumentation and its 1984 J. Calvin Giddings Award for Excellence in Education. In addition, he was a cofounder of the U. of the Nations in Kailua-Kona, Hawaii. He was provost and dean of the C. of Science and Technology and its International Chancellor, a position he held until his death.

• **Robert L. Bohon**, 78, of White Bear Twp., MN died unexpectedly on Nov. 21 while on vacation in Jackson, MS, due to a massive viral infection. Bob graduated from the U. of Illinois in 1946 majoring in chemical engineering and earned his PhD in physical chemistry in 1950. He was employed for ten years at the Anderson Physical Laboratory. In 1956 he joined 3M. For 33 years, he worked in central research and environmental labs. Bob retired as the director of analytical & properties research. He worked on developing solid rocket propellants and researched ways to reduce pollution.

Bob's life was defined by more than his work. His zest for life and unrelenting desire to learn and challenge himself was demonstrated through his mentoring and volunteer work with S.C.O.R.E. & East Metro Women's Council; SMM, world travels, church choir director, and devotion to youth. He loved his violin and his fellow musicians with the 3M Club Symphony, the Lakewood Community Orchestra and his string quartet "Con Brio." He loved genealogy, writing, tennis, skiing, sailing, dancing, a good laugh, and most importantly, his God, family and the church. **V. Elving Anderson** called him "a wonderful scientist, believer and friend." **Walt Hearn** published a tribute in 1988 now at: [www.asa3.org/ASA/PSCF/1988/PSCF1288Hearn.html](http://www.asa3.org/ASA/PSCF/1988/PSCF1288Hearn.html)

## Welcome New Members! Dec. 2003–Jan. 2004

Ator, Gregory A. –Mission Hills, KS  
Baukal, Jr., Charles E. –Tulsa, OK  
Bugenhagen, Robert –Ukarumpa, Papua New Guinea  
Constam, Daniel –Epalinges, Switzerland  
Dudley, Jonathan C. –Grand Rapids, MI  
Henderson, Jeffrey O. –Elgin, IL  
Ianuzzo, C David –Wheaton, IL  
Kwiatkowski, Leanne L. –Langley, BC Canada  
Mardimae, Alexandra –Richmond Hill, ON Canada  
Marston, Philip L. –Pullman, WA  
Portman, John R. –Lakewood, CO  
Schipper, Joel D. –Gainesville, FL  
Sharps, Paul R. –Albuquerque, NM  
Stormer, Art –West Mansfield, OH  
Thomas, Mathew S. –New Delhi, India  
Van Heyningen, Roger S. –Colorado Springs, CO

# A Geologist's Prayer

Dear God,  
Bless us. Keep us.

## **O Lord, our world is changing so much, so fast.**

More change has occurred in the last one hundred years than in all previous human history.

We live in a revolution of science, technology, and communications.

We have gone from horse and buggy days to men walking on the moon,  
television, antibiotics, super weapons, computers, and the Internet.

Pardon us if we are confused, if we mistake the wizardry of technology for eternal truth,  
and if we feel that we, rather than You, are in control.

## **God, it is easy to forget You in this fast paced secular world.**

Bring us back to reality, to the true understanding that You are the center of things,  
that it is You who is in control, and that we live for You and not for our own gratification.

## **O God, bless us. Keep us.**

Keep us strong in the faith that You are the ultimate answer,  
and that our modern technology and knowledge, while showing us much about your world,  
are no substitute for your all encompassing power and love.

Amen.

—Dr. Peter Trexler, Prof. Emeritus in Geology, Juniata C., Huntingdon, PA



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