



NEWSLETTER

of the
American Scientific Affiliation &
Canadian Scientific & Christian Affiliation



Volume 46, Number 4

JULY/AUG 2004

New Developments for the CSCA/ASA/CiS Meeting

Judy Toronchuk, Program Chair, has informed us that George Ellis, South African mathematician, cosmologist, and winner of the 2004 Templeton Prize, will speak at the summer meeting in Langley, BC. His presentation will focus on his latest interest, the possible role of emotions in guiding the developmental structuring of the brain by providing a values system. With Nancey Murphy, George wrote a book on this subject titled *The Moral Nature of the Universe*.

A special event is available as one of three options for Sunday afternoon, July 25. CSCA will be co-sponsoring a symposium titled *The Gifts of Suffering: Spiritual Transformation, Science*

and Medicine with the International Network of Personal Meaning (INPM) thanks in part to a grant by the Templeton Foundation. INPM was started by Paul Wong, founder of the Counseling Psychology program at Trinity Western U., as a way to promote spiritual values, meaning, and direction among those working in the caring professions.

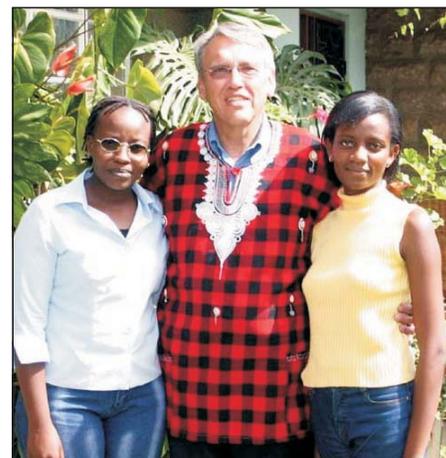
At this symposium in Vancouver, the keynote lecture will be given by Harold Koenig followed by George Ellis and ASA plenary speakers Warren Brown, David Cechetto, and Malcolm Jeeves.

Those who wish to attend this symposium will sign up at the registration table so that transportation can be arranged.

If you haven't registered for the meeting, visit www.asa3.org for registration information.

ASAer in Mission

Geologist **Ken VanDellen** from Grosse Pointe Park, MI, returned to Daystar U. in Kenya recently, having taught a semester there in 2000. His purpose was



Betty (left) is the fiancée of John Kisimir, Daystar graduate who is now a journalist and advocate with World Vision in Somalia and other African trouble spots. Ken is wearing the shirt she delivered, a gift from John's mother. (The gift was one of those things you wish they hadn't done but you can't refuse.) The girl on the right is unidentified.

to put together a tour package for prospective Daystar supporters in order to introduce this university and demonstrate how it is benefitting Kenya, Africa, and the world.

Ken visited Mukuru Slum, where there is an HIV/AIDS health and maternity clinic, and a school for AIDS orphans. He attended a church in an old warehouse which has been established by a Daystar grad who is helping members start small businesses. He also visited other alumni who are involved with Trans World Radio and in the Somalia Program of World Vision.

Ken says:

What seemed like a long drive down a bad road in the Rift Valley took us to a borehole project that

Henry F. Schaefer III Elected to Academy



Henry F. "Fritz" Schaefer III

On April 30, the American Academy of Arts and Sciences named **Henry F. "Fritz" Schaefer III** a Fellow.

As director of U. Georgia's Center for Computational Quantum Chemistry, Schaefer has an international reputation for opening new frontiers in computational chemistry. Previous academic appointments include 18 years at UC-Berkeley, and guest professorships at the U. of Paris, Eidgenossische Technische Hochschule in Zurich, and Australian National U.

His research involves state-of-the-art computational hardware and theo-

retical methods to solve important problems in molecular quantum mechanics. He has authored more than 1,000 scientific publications, primarily in *Journal of Chemical Physics* and *Journal of the American Chemical Society*. During the comprehensive period 1981-1997, he was the sixth most-cited chemist in the world.

In an e-mail to the *Newsletter* editors, Fritz said:

God has been very gracious to me. A year ago I returned from a series of lectures in Germany and was barely able to put one foot in front of the next. My cardiologist, Robert Sinyard, ordered me to the hospital, and the next day I had quintuple bypass surgery. Now I'm

Continued on p. 7, Schaefer

Continued on p. 3, VanDellen

The Executive Director's Corner

Donald W. Munro

Thanks for your continued prayers for the transition here at the ASA when my decade will end and someone else's time will begin. Our present plans for the fall include a move to a warmer area with a reduced cost of living. Joyce and I have chosen the coastal area of North Carolina and are building a modest house in a 55+ community.

Council hopes to have someone in place soon but the potential starting dates are undefined. Should there be a hiatus between the time someone can start and the end of my tenure, it is possible that I could become a part-time, remote executive for only a brief, defined period. It is all in the hands of the Lord and the ASA Council.

Soon after you receive this newsletter, ASA staff and others of you will be leaving for Trinity Western U. for our annual meeting. This is a very full meeting. It should have something special for everyone. We certainly have many gifted speakers converging on the meeting as you can see from other parts of the newsletter. Praise God, **Judy Toronchuk, David Clements, Carol Aiken** and so many others for the way it has come together. I am also pleased to see at least 25 people heading into the Canadian Rockies together

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: dfisher@twr.org and Margaret Towne, 8505 Copper Mountain Ave., Las Vegas, NV 89129. E-mail: TowneMG@aol.com. Both editors 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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after the meeting to experience the beauty and wonder of God's creation and am thankful to Collette Vacations for giving us the original price even though we did not quite have the full number they wanted. See you soon.

In this issue, we honor those who have been members of ASA/CSCA for 35 years since they joined in 1969. We have 20 members in the list which includes **Jack O. Balswick, Stanley L. Burden, Richard F. Carlson, Charles E. Chaffey, Stanley G. Chamberlain, Bruce J. Clark, John A. Cramer, Edward B. Crowell, Jr., Richard L. Daake, Edwin A. Karlow, Dwight H. Klaassen, John E. Kroll, David A. Leep, Robert L. Miller, Daniel C. Norman, Perry G. Phillips, Bernard J. Piersma, Vernon A. Raaflaub, Donald L. Riggan, and David A. Saunders**. It has been my distinct privilege to have interacted with many of you over the years. Again, please contact the newsletter editors with memories from your 35 years of membership.

The Templeton/ASA Lecture Series will be winding to a close this fall after running for seven years. It included hundreds of lectures in the United States, Canada, and Europe.

Recently, three senior scientists and two early career scientists finished the judging of the videos from the first half of the present lecture series. Since it ended with a three-way tie for first place, we split the first and second place awards and gave each winner \$1,000. The three winners this year are: Dr. Michael Behe, professor of biochemistry at Lehigh U. in Bethlehem, PA, for his lecture at Andrews U. in Michigan on Oct. 18, 2002 entitled: *Considering Intelligent Design: "Darwin's Black Box"*; Dr. Alvin Plantinga, professor of philosophy at Notre Dame U. in Indiana, who lectured on *"Evolution Versus Atheism"* at Franklin and Marshall C. in Lancaster, PA on Nov. 21, 2002; and Dr. Robin Shapiro, Ursula Von der Ruhr Professor of Bioethics and Director of the Center for the Study of Bioethics at the Medi-

cal C. of Wisconsin in Milwaukee, for her lecture on April 7, 2003 at Carthage C. in Kinosh, WI entitled *"Promise, Policy, or Prohibition: The Legislative Debate on Human Cloning and Genetic Research."* We congratulate each of these lecturers. Eventually the lectures will be available on ASA's web site.

In May I closed out 38 years of teaching biology at Houghton and Gordon C. Now I know what others of you have experienced. I am glad in some ways to be through with preparing lectures, making out tests, and grading tests and papers but I certainly will miss the many wonderful students who came and went during that time.

As you throw away the many things you thought you could never part with, it seems like a lifetime passes before your eyes. I thank God for the privilege that some of us have had to be entrusted with young, malleable lives who were sent to us out of loving homes. God bless each of you who work science magic through teaching and research with the coming generation. Now if you would just steer them into ASA as well. I am sorry to say that I missed too many opportunities in the past. This year Eastern U., George Fox U. and Wheaton C. (IL) gave student memberships to their graduating science seniors. Perhaps your institution can do that, too. A few students renew and others come back later so it is worth while. The upcoming generations need support in integrating faith and science.

As we move through the summer and on into the fall we are in definite need of your financial support. However the next step occurs, we need to assure that the affiliation is financially stable for a new director to come in and lead us to greater heights. Please consider a special, additional gift at this time. I am in awe of your financial and organizational help in the past.



VanDellen, continued from p. 1.

involved alumni Keswe Mapena and Moses Kinayia. A diesel pump on the water well running a short time each day provides water for cattle of the Maasai people, who can now stay close to home. A demo garden has been set up, also. Now they're trying to raise funds for a pipeline from the pump to the empty storage tank they built. (Moses is currently doing graduate work at the Mennonite Seminary in Elkhart, IN.)

Daystar U. in Nairobi, Kenya, is non-denominational and the largest Christian liberal arts college in Africa with 1,900 full-time students. It provides low cost, high quality education for students from across Africa. Its faculty attempts to equip students with the tools necessary to face the challenges of a developing continent. Daystar offers B.A. and M.A. programs, plus a variety of extension and short courses that can assist those in Christian ministries.

Daystar began in 1971 to offer short-term training programs to assist church leaders in developing cross-cultural communication strategies. In 1976, it added a two-year diploma program; in 1978, in cooperation with Wheaton C., a masters program was begun; and in 1984, a B.A. degree was offered in cooperation with Messiah C. In 1994, the government of Kenya awarded Daystar a charter to grant its own, internationally recognized degrees, but it still maintains close ties with Wheaton and Messiah.

More than 15,000 students from more than 50 countries and numerous denominations have been involved with Daystar's programs. Thousands of their graduates are dispersed throughout Africa and are providing leadership in churches, ministry organizations, and in every aspect of African society. Some are members of parliament, business leaders, communications specialists and leaders of Christian relief and development organizations.

Ken first heard about Daystar at an ASA meeting in 1986 and decided he

Introducing an Early Career Scientist

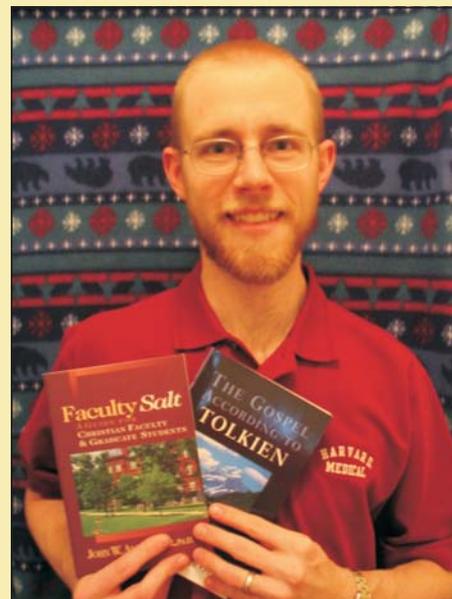
DAVID A. VOSBURG

David A. Vosburg grew up enjoying sports and the outdoors. He received his B.A. from Williams C. in Williamstown, MA. In 2002, he completed his Ph.D. thesis, "Synthesis of fumagillin and (+)-FR182877," at The Scripps Research Institute in La Jolla, CA.

David is currently a postdoctoral fellow at Harvard Medical School in the Dept. of Biological Chemistry and Molecular Pharmacology where he is studying the biosynthesis of epothilone, a promising antitumor candidate. While his fascination with synthetic organic chemistry persists, he is now studying biochemistry to learn how bacterial enzymes create the wonderful and intricate molecular architectures of natural products such as the anticancer compounds he had been preparing synthetically.

Married to Kate, a staffworker with InterVarsity Christian Fellowship at Wellesley C., they make their home in Brookline, MA. They enjoy fellowshiping at Bethany Presbyterian Church and lead an international Bible study in their home with members from Korea, Japan, China, Canada, Ukraine, and USA.

David and Kate enjoyed seeing many ASA members at the Following Christ conference in Dec. 2002, includ-



David A. Vosburg

ing **Liam Palmer**, a fellow Scripps graduate student who introduced David to the ASA.

This fall David will be applying for a position as an assistant professor of chemistry. David and Kate will continue to witness for Christ to faculty and students and open their home to this ministry. They are excited for what God has in store for them and encourage faculty in the ASA to make an impact for God's kingdom on their campuses.

would like to teach there after retirement from Macomb Community C. in Warren, MI where he had taught for 34 years. Among so many other things, he took a Massai pastor to the Bible League to sign up for a course in church planting and gave him a Massai Bible. This pastor has started a church, a school, and a clinic in his town.

Ken shares with us an amusing quote he received from one of his Daystar students: "God remains the ultimate creator of human and all other living and non-loving creatures in the world."

For more information, e-mail: Daystar@DaystarUS.org

Ecumenical Roundtable Meeting

The Ecumenical Roundtable on Science, Technology and the Church met April 23–25 in Las Vegas. The Lutherans were the organizers this year. Several ASA members attended and presented papers, including **Barbara Pursey**, "Science and Religion in Christian Education"; **George Murphy**,

“Science Fiction in Science and Religion”; and **Margaret Towne**, “Sticky Issues in Local Schools and Government.” Other ASA members in attendance were **Phina Borgeson** and **Robert Schneider**.

Also presenting were Antje Jackelen of the Zygon Center for Religion and Science, “Science and Religion in Theological Education”; James Miller, “The Ecumenical Roundtable: Past, Present and Future”; Susan Youmans, “Introduction to Food Security/Genetically Modified Food”; and Kevin Powell, “Medical Ethics.” The keynote speaker was Stephen Leppe of the Dept. of Physics, U. Nevada Las Vegas. His presentation centered on cosmology.

The Ecumenical Roundtable has been in existence since 1989 and it is composed of folk who are committed first to the church, then science. It is ecumenically broad, encourages network building, and exists for mutual support, shared programming, and to be an ecumenical witness. For example, it has exhibits at the American Association for the Advancement of Science events.

The Emerging Alliance of Religion and Ecology

Last fall, Dr. Mary Evelyn Tucker, prof. of religion at Bucknell U., spoke at Chestnut Hill C. in Philadelphia on the above topic. She explored not only what the many religious traditions can do to stave off the present ecological crisis but also what is already happening in this area. She spoke passionately about the seriousness of the present environmental crisis that threatens to wipe out millions of species. For her,

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.

the ecological crisis is a spiritual one, calling into question our identity as human beings. Its solution is not simply in a technological fix but in a change of values.

Tucker asked the audience to ponder Earth’s sacred history, to ask questions such as these: “What is this sacred jewel?” “How are we going to preserve its beauty, glory and mystery?” She noted how unfortunate it is that we fail to see our deep interconnectedness with Earth. We seem instead to be “a planetary species with microphase wisdom.” Because of its magnitude and because of these spiritual overtones, the present crisis clearly demands not only the resources of science, technology, and economics communities, but also the stored wisdom of the many religious traditions.

She also suggested some possibilities for positive contributions toward stemming the ecological crisis. Religious leaders can exert strong influence and can effect change through their statements and example. Ethics and religious ritual affect people at a level that motivates value change. For instance, Greek Orthodox Patriarch Bartholomew has made it his life’s work to speak for the great seas and rivers of his region. The Dalai Lama has also spoken out for environmental protection.

There is a need to develop an ethics for biocide, genocide, and ecocide, to mourn the damage being done when we pollute the sacred waters needed for baptism, genetically modify the bread and wine we use in Eucharist. Tucker called on churches to develop rituals that make clear our connectedness to Earth systems, to the cycles of life.

The response to this lecture was overwhelmingly positive. Her sense of hope was contagious. Students felt energized, knowing there are ways to work for a better world, and that many people, including some of our great religious leaders, are already acting to turn the tide of destruction.

✉ *Kathleen Duffy, Prof. of Physics, Chestnut Hill C.*

ASAers with Vision

Stephen C. Meyers, Th.D., from the Institute for Biblical and Scientific Studies, notes that this institute has 14.9 beautiful acres of nature and geology trails in St. Peters, PA. There is now available a building next to their park which would be ideal for a natural history museum. It could be a time tunnel taking us back to the beginning of creation. Rocks and fossils would be included. One section would illuminate the creation/evolution debate. This could be an alternative to the young-earth creationist museums. Another part of the museum could have the local history of the quarry and mining operation. If you are interested to know more about this possibility or know of anyone who might be interested, contact Steve at ibss@comcast.net. For pictures and more information, see www.triassicparkofpa.com/ The main web site is www.bibleandscience.com

Meanwhile, on the opposite coast, **Stephen C. Meyer**, Ph.D., is director of the Center for Renewal of Science and Culture at Discovery Institute in Seattle, and an associate professor of philosophy at Whitworth C. He spoke at the 1993 Annual Meeting on “Scientific Status of the Design Inference” and at the 1997 meeting on “DNA and the Origin of Information: When Science Must Bracket Naturalism.” Further information at www.arn.org/meyer/smhome.htm

If you need a memory crutch to avoid confusing Meyers and Meyer, the key is the letter “S” as in Seattle. The one *without* the “S,” is the one in the city that begins with “S.” Go figure!

Of Interest

Carrigan accepts teaching post

The early career scientist featured in our Mar/Apr newsletter, **Charles W. Carrigan**, has accepted a position as asst. prof. at his alma mater, Olivet Nazarene U. beginning this fall. He is completing his Ph.D. at U. Michigan this summer. His wife, Dana, is pregnant with their first child, due in mid Sept. Our warmest wishes!

Symposium invites applicants

Wheaton C.'s Spring Science Symposium, "Geosciences in Global Ministry," will take place April 30–May 1, 2005. Jeffrey Greenberg, chair of the Dept. of Geology, is working on the plans. Contact him if you are interested in presenting or know of someone; internationals are particularly sought for their perspective. (630) 752-5866; jeffrey.k.greenberg@wheaton.edu

Oldest evidence of fire use unearthed

Archaeologists in Israel have unearthed the oldest evidence of fire use by our ancestors. The site on the Jordan River dates to about 790,000 years ago. Nira Alperson, archaeologist at the Hebrew U. of Jerusalem, notes that while chimpanzees have impressive language and tool use, the use of fire is "the most human skill that we have."

Fire changed the ancients' lives. They could migrate to colder regions, drive away predators, and get more energy from food by cooking it, as well as have a more cohesive social life. The site has been destroyed, so there is not much hope that more information will come from this area.

UC Santa Barbara announces new program

UC Santa Barbara's New Visions of Nature, Science, and Religion is a 3-yr. program devoted to examining multiple concepts of biophysical and human nature across the sciences and humanities, asking whether these concepts can be resolved and considering implications for rethinking science and religion, given their grounding in particular notions of nature. There are a group of core participants with credentials across the physical and life sciences, humanities, theology and social and behavioral sciences. Graduate students will also be very much involved. Visiting professors will be brought in to present lectures as part of a series entitled "Dialogues in Nature, Science, and Religion." See www.newvisions.ucsb.edu or call (805) 893-8741. (taken from Metanexus listserv)

Creation Care Awards available

The National Religious Partnership for the Environment is offering cash rewards and recognition for Jewish and Christian faith communities engaged in protecting creation. Visit www.nrpe.org and click "Apply Now for a Creation Care Award" or e-mail: NRPEawards@ausable.org

Protection for unborn victims

In a March 29 press release, the American C. of Pediatricians says it "applauds the recent action by Congress in passing legislation to protect unborn victims of violent crimes committed against their mothers. The wide margins of its passage indicate the depth of understanding that human life is sacred, no matter the stage of development." www.acpeds.org

Evidence for life on Mars?

Some researchers are questioning whether a meteorite discovered in 1996 really contains evidence of past life on Mars. In a paper scheduled for publication in the May/June issue of *American Mineralogist*, a Houston-based team suggest that magnetite, the iron-bearing mineral found in Martian meteorite ALH84001, was likely caused by inorganic processes. The article adds that those processes can be recreated in the laboratory, forming magnetite identical to that observed in the Mars meteorite.

However, Dave McKay, chief scientist for astrobiology at Johnson Space Center, stands by his 1996 interpretation, saying:

A plausible inorganic model must explain simultaneously all of the properties that we and others have suggested as possible biogenic properties of this meteorite.

Spacedaily.com quotes Steven Hawley of Johnson Space Center saying:

As work on this fundamental question continues, it is quite likely the final answer may not be known until Mars samples can be retrieved for study by scientists there or back on Earth.

www.spacedaily.com/news/mars-life-04g.html

Larson speaks at Messiah C.

Messiah C. featured *God and Science: A Public Dialogue* on March 25–26. Sponsored by the John Templeton Foundation, the dialogue featured Edward Larson, a U. of Georgia historian, legal scholar and Pulitzer Prize-winning author. His lectures included:

1. "Creation, Eugenics and the Law," using the eugenics movement in the Deep South during the early 20th century as background for contemporary concerns about genetic testing and discrimination;
2. "Creationism and the Law," covering the history of religious opposition to evolution, including the Scopes trial of the 1920s; and
3. "God and the Galapagos," including Darwin's visit to that archipelago in 1835. Outlining the research of Louis Agassiz, Walter Rothschild and David Lack, Larson pointed out that researchers had various reactions to their experiences. For example, noting that Lack found faith after leaving the Galapagos, Larson noted:

Observers bring their concept of God to the Galapagos and (their concept) of the Galapagos to their god. Conceptions of religion and science mingle in the Galapagos.

Further details in *Newsletter of the ASA and CSCA History/Philosophy of Science Commission*, **Ted Davis**, ed., tdavis@messiah.edu. Larson's Pulitzer-winning book is *Summer for the Gods: The Scopes Trial and America's Continuing Debate over Science and Religion* (Cambridge, MA: Harvard U. Press, 1997). His most recent publication is *Evolution: The Remarkable History of a Scientific Theory* (Random House, 2004).

Job Postings

For descriptions of job postings, visit the ASA website, www.asa3.org. At press time, these included:

Director, Center for Research and Innovation: Taylor U.; **Biology:** Oklahoma Wesleyan U.; **Physics:** Calvin C.; **Physics:** Grove City C.; **Physics:** Union U. of Jackson, TN

Please e-mail asan@asa3.org when position is filled.

Of Interest to Church Campers/Leaders

Church camps, as we know, are one of the most important settings in which children, youth, and adults can live close to the natural environment. Camps provide opportunities for people to appreciate and enjoy nature's beauty, to ponder its revelation of God's goodness and love, and to reflect on their responsibility to steward its resources for the future.

A new camp curriculum, *New Earth: Christian Resource for the Outdoors*, can equip leaders in their ministry with campers of all ages. It is produced by a partnership between the Committee on Outdoor Ministries of the National Council of Churches in the USA and

Cooperative Publication Association, an ecumenical group of religious publishers (United Methodist, Brethren, Christian Church, American Baptist, Cumberland Presbyterian and United Church). The curriculum is particularly concerned for the care of creation and the building of community.

There are six daily classes focusing on a different biblical story and the material is adaptable to many settings. Copies of the curriculum can be purchased from denominational bookstores and a sample of the materials is available in electronic form from the editor, Nancy Ferguson, at Nanfergi@aol.com Nancy is a Presbyterian minister and educator, a Day Camp Director, and an adjunct professor at Union-Presbyterian Seminary in Richmond, VA.

of being alive six months after open-heart surgery than patients who found no comfort in religion. In 1989, Duke U. researchers found a significant protective effect against high blood pressure among 400 Caucasian men in Evans County, GA who considered religion very important and who attended church regularly. A 1999 Duke study of nearly 4,000 older adults found that attendance at a house of worship is related to lower rates of depression and anxiety (*Reader's Digest*, May 2001). This relates to the interest of George Ellis, a speaker at our annual conference (see p. 1).

ASAers in Print

• **Steven E. Stoller** has written *The Symphony of Creation* (Phoenix:ACW Press, 2002). Using musical metaphors, Stoller covers scientific evidence for the necessity and greatness of God, creation and evolution, human creation in the divine image, and the problem of suffering and evil. www.dynamic-living.org

• **Angus Menuge** of Concordia U. in Miquon, WI has written *Science and the Savior*. He describes it as "up-to-date Bible study materials that look at science as a vocation (calling), and which take ID and the natural knowledge of God seriously ..." Contents include: God's Intentions for Science; Science as Sub-creation; How Theology Gave Birth to Modern Science; Science Serves Our Neighbors; Science, Beauty and God's Handiwork; and Defending the Faith with Science. For details, go to www.cph.org and type the book title in the search box.

• **Jeffrey Addicott**, law professor at St. Mary's U. School of Law, San Antonio, TX has published "Storm Clouds on the Horizon of Darwinism: Teaching the Anthropic Principle and Intelligent Design in the Public Schools" in the *Ohio State Law Journal* (vol. 63, no. 6, 2002). He addresses the future legal ramifications that he expects these two concepts will have on the teaching of Darwinian evolution in public schools and predicts that the US

Welcome, New Members! April-May 2004

Alexander, Malcolm -Miami, FL
Ash, Allison -Rockledge, PA
Bamford, Jeremy -Edmonton, AB
Canada
Barnett, Jennifer K. -Beverly, MA
Bates, Daniel -Haslet, MI
Beran, Rebecca -Chicago, IL
Calderon, Jonathan -Dallas, TX
De Vries, Mark E. -Whitby, ON Canada
Einhardt, Adam -Rochester, MI
Faville, Josiah D. -Seattle, WA
Haehlen, Andrew -Portland, OR
Havemann, George -Bellingham, WA
Henry, Christopher R. -Wayside, MN
Holler, Christopher -Water Park, FL
Kent, Meredith -Wheaton, IL
Keung, Connie H. -Wheaton, IL
Klassen, Lindsey K. -Mountain Lake, MN
Kron, Sarah -White Bear Lake, MN
Lindstrom, Jennifer -Wheaton, IL
Lowry, Roxy -Nampa, ID
McCay, Keith -Mystic, CT
Mesko, Nathan W. -Holt, MI
Molen, Elias -Sherwood, OR
O'Connor, Robbyn -Harleysville, PA
Perkins, Brittany R. -Fort Huachuca, AZ
Porth, Ray B. -Kemptville, ON Canada
Ragan, Karen D. -Madras, OR
Richart, Sarah M. -Edmonton, AB
Canada
Scudiere, Rebecca -Bolton, MA
Summers, Jason -Alexandria, VA
Swanson, Robert -Norfolk, VA
Thompson, Bethany -Lake Oswego, OR
Van Fenema, P. C. -Driebergen,
Netherlands
Weatheron, Jeremy -Wheaton, IL
Wimber, Christian -Mission Viejo, CA
Yates, David -Melbourne, FL
Yau, Tiffanie -Naperville, IL

Spirituality and Health

In recent years, scientific research has begun to explore the relevance of patients' spirituality to their health and health care. Medical education has increasingly incorporated spirituality into the curriculum. Many in the medical field believe that this will be more and more significant in the years to come as more research supports the bridge between health and faith. In May, the U. of Pennsylvania Medical Center-Presbyterian, for example, had their Seventh Annual Spirituality Research Symposium: "Curricular Innovation in Spirituality and Medicine."

The May 2001 issue of *Reader's Digest* noted that a nationwide study of 21,000 people from 1987 to 1995 found a 7-yr. difference in life expectancy between those who never attend religious services and those who attend more than once a week. Furthermore, research co-conducted by epidemiologist Jeff Levin, author of *God, Faith, and Health*, found that the older adults who considered themselves religious had fewer health problems and functioned better than the non-religious.

A 1995 Dartmouth Medical School study found that patients comforted by their faith had three times the chance

Supreme Court will ultimately rule that teaching the two does not violate the First Amendment's Establishment Clause. jaddicott@stmarytx.edu

Book Briefs

Former *Time* magazine Beijing bureau chief David Aikman reports that several top Chinese officials have identified Christianity as the key ingredient of the West's economic success. In *Jesus in Beijing* (Washington: Regnery Publishing, 2003), Aikman lauds three Christian leaders who have spent a total of 40 years in prison for their faith, who are now spearheading the "Back to Jerusalem" movement. The name comes from the fact that Christianity has spread primarily westward—from Jerusalem into Greece, then Europe, the Americas, and the Far East—but has "no firmly established church" between China's western border and Christianity's origination point. To complete the circuit "back to Jerusalem" and reach the two billion living in countries whose populations are primarily Muslim, Buddhist and Hindu, they are mobilizing "an army of worms," Chinese Christians who are used to working underground and are thus equipped to infiltrate cultures where witness must be low-profile.

Of particular interest to ASAers, he reports a large number of highly educated Chinese are "not satisfied that either the Marxist interpretation of reli-

gion or the standard Western Darwinian understanding of life adequately explained the human condition in general and the Chinese condition in particular." Chapter 13, "Artists, Writers, and Academics," cites one poll showing that 60% of college students said they were interested in Christianity. Aikman sees this as an opportunity for Christian academics to step into an environment where they can discretely share their faith with receptive students.

Coming Events in North America

- July 12–30.** "Writing the World History of Christianity Since 1900," Mark Noll, Calvin C., Grand Rapids, MI
- July 15–17.** 11th Annual Bioethics Summer Conference: Conflict and Conscience In Health Care, Chicago. www.cbhd.org/conferences
- July 19–25.** "Meeting the Creator Again for the First Time: Exploring the Cosmos as Creation," Ghost Ranch Conference Center, Abiquiu, NM. **Barbara Pursey**, leader. www.ghost ranch.org
- July 20–24.** "Conceptual Models for Integrating Christian Faith and Social Work Practice," Calvin C. E-mail: brac@calvin.edu
- July 23–26.** ASA/CSCA Annual Meeting: "Neuroscience and the Image of God," Trinity Western U., Langley, BC, Canada. E-mail: carol@asa3.org
- July 24–31.** Institute on Religion in an Age of Science 51st Annual Star Island Conference, Isle of Shoals, NH. "Earth's Waters in Crisis: A Scientific, Spiritual and Moral Challenge." **Owen Gingerich** will speak on "Water in the Universe." www.iras.org/conference.html
- July 30–Aug. 1.** International Christian Studies Association Sixth World Congress, Pepperdine U., Malibu, CA, "Science and Religion: The Missing Link." Key-note speaker: Arnold O. Benz, prof. of astrophysics and author, Swiss Institute of Tech., Zurich, Switzerland. **Oskar Gruenwald**, organizer. og@JIS3.org or (626) 351-0419 www.JIS3.org/icsavi.htm
- Aug. 19–22.** "Toward a Free and Virtuous Society," W. Cornwall, CT. (616) 454-3080 E-mail: info@acton.org
- Aug. 23–27.** "Meditation as Medicine: Psychopathology and Optimal Performance." Eastham, MA (203) 629-6048 E-mail: prolearning@behavior.net
- Sept. 12.** "Human Agency in an Emergent World," Science & Religion Discussion Group of Montgomery County, MD, Grace United Methodist, Gaithersburg, MD E-mail: Vikingtoo@aol.com
- Sept. 15.** American Association of Christian Counselors Annual Meeting, Orlando, FL Harold Koenig, speaker. E-mail: stitus@newrivertv.com

- Sept. 19–21.** American Association for the Advancement of Science, Dialogue on Science, Ethics and Religion, "The Brain and I: Neuroethics, Responsibility and the Self." Kresge Auditorium, MIT
- Sept. 24–25.** IMAGO Conference: Center for Bioethics and Culture, Imago Conference "Genetic Technology and the Meaning of Human Life," St. Louis, MO. www.thecbc.org E-mail: Barbara.Quigley@thecbc.org
- Sept. 30–Oct. 2.** "Faith in the Academy," Messiah C., Grantham, PA. This is a national conference exploring the role of faith in American higher education, both church-related and other. A large group of esteemed speakers will be present. *Scholarship and Christian Faith: Enlarging the Conversation* (Oxford U. Press, 2004) will be the common point of reference. See www.messiah.edu/fital/
- Oct. 7–10.** ChildSpirit 2004: The North American Conference on the Spirituality of Children and Youth, Pacific Grove, CA. (707) 836-3540. E-mail: sfryar@westga.edu
- Oct. 10–13.** Association of Presbyterian Educators/Assoc. of United Church Educators, Zephyr Cove, NV, Annual Western Regions Conference, **Margaret Towne** will give a presentation titled "God's Handiwork: Science and Faith." www.zephyrpoint.org E-mail: zephyr@zephyrpoint.org
- Oct. 14–15.** York C. of PA Humanities and Technology Assoc. annual conference, "Technology and Religion." <http://departments.ycp.edu/departments/ehweb/HTA.htm> E-mail: dweiss@ycp.edu
- Oct. 22.** Psychotherapy, Psychiatry & Modern Clinical Treatment, Atlanta, GA. Speaker: Harold Koenig. E-mail: heidi@ewomen.net
- Oct. 22–24.** Religious Research Association Annual Meeting: Linking Social Action and Religious Research, Kansas City, MO. E-mail: Bartkowski@soc.msstate.edu
- Oct. 27–29.** Center for Bioethics and Culture and Institute on Biotechnology and the Human Future are co-sponsoring "The Face of the Future: Technosapiens? Phase II," Washington DC. E-mail: Jennifer.Lahl@thecbc.org www.thecbc.org
- Oct. 28–31.** Social Work in a Global Context: He's Got the Whole World in His Hands, Reston, VA. (888) 426-4712 E-mail: info@nacsww.org
- Nov. 11–14.** Christianity and Human Rights, Samford U., Birmingham, AL. 4th Annual Lilly Fellows program Natural Research Conference
- Nov. 18–21.** 19th Biennial Meeting of the Philosophy of Science Association. Austin, TX. E-mail: psa2004@temple.edu
- Nov. 20.** Salt and Light: The Public Dimension of Christian Ethics, San Antonio, TX E-mail: Vincent.E.Bacote@wheaton.edu
- Nov. 20–23.** American Academy of Religion Annual Meeting, San Antonio, TX E-mail: AnnualMeeting@aarweb.org

Schaefer, continued from p. 1.

feeling better than I have in ten years. I was able to finish my book on Science and Christianity last summer, UGA printed it, and it made it as high as #84 on Amazon.com's list of bestsellers. And now this unexpected recognition from the American Academy of Arts and Sciences. Jesus has blessed me in so many ways, far beyond anything I might merit.

Academy membership is a distinction shared by only 4,000 Fellows and 600 Foreign Honorary Members.

Litany for the Cosmos

—Rev. Dr. Charles Smith, Newport News, VA

All time and space, matter and energy, bless and magnify God.

Sound and touch, rainbows and lasers, radio, television, starlight, waves from far galaxies, ghost particles from exploding suns, gravity pulses from dense dead stars, all messengers and angels of the Lord, bless and magnify God.

May the expanding universe itself praise the Lord. Dust clouds and nebulae, warm planets and gas giants, comet tails extending for millions of miles; black holes shrouded in mystery; pulsars and novas and quasars. New stars and new planets, getting ready for life. May all these bless and magnify God.

Raindrops and dew drips, jet streams and cold fronts, praise the Lord forever. Heat waves and lightning, ice ages and volcanoes, sea currents and tornadoes and tidal waves, bless and magnify God.

Soaring mountains and hills that find their way to the sea, praise the Lord. Drifting land masses, sea mounts and ice caps, bless and magnify God. Trees, grasses, roses and rice plants that drink in the sun and pass life along to all the planet, bless and magnify God forever.

Animated life, animals given breath by God, magnify God. Whales, weasels, anteaters, eagles, armadillos, giraffes, meerkats, orangutans and barracudas; the world within a world of insects, the web of spiders, the universe in a drop of water, bless and magnify God.

Let all the people praise the Lord. Our brains are complex, our culture great. We can speak and think and praise the Lord with our hearts and our lips. We bless and magnify God forever.

Let God's people praise the Lord. Saints and sinners, and everyday people, cooks and street cleaners, scientists and pearl divers, the unemployed, astronauts, grocers, bus drivers, lawyers, the voiceless, dancers, plumbers, ecologists, volunteers, miners, potters, musicians, the homeless, the rich: an unbroken strand of Spirit spiraling through the ages, through the grace of God. Let us bless and magnify God forever.

Surely, all time and space, matter and energy, bless and magnify God forever.

This responsive reading was part of the worship service at the 2003 Ecumenical Roundtable in Richmond, VA.

American Scientific Affiliation

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