



Newsletter of the ASA & CSCA

VOLUME 59 • NUMBER 1 • 2017

Come Join Us for ASA 2017, our Annual Meeting, in Beautiful Golden, Colorado, July 28–31

At ASA 2017, we will explore the interaction of God’s people with God’s earth through five outstanding plenary speakers, a special symposium on “Water and the Environment,” and parallel sessions and a poster session on various aspects of science and stewardship. In addition, there will be our annual volleyball tournament and many opportunities for discussion and fellowship.

Plan to come early to participate in a field trip or workshop on Friday, July 28. This year we are offering two all-day field trips: one is a bus tour to Rocky Mountain National Park and the other is a geology tour of Denver Front Range. You may also choose a morning tour of

the *National Renewable Energy Laboratory (NREL)* and/or an afternoon workshop, “The Energy, Environment, and Ethics Nexus,” led by Brent Nelson from NREL.

For those who can stay later, there is a Monday afternoon climate change tour package that will go to the National Center for Atmospheric Research and the National Ice Core Laboratory. We are also arranging Tuesday morning hikes in the Rocky Mountain foothills.

We are planning to roll out registration by March 15. You can check out the ASA website for all the details.

SYMPOSIUM LEADER



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Wetland Ecologist;
Professor of Biology,
Gordon College,
Massachusetts



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Associate Professor, Texas
Tech University; Director of
the Climate Change Science
Center



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Laboratory



PHILIP YANCEY

Internationally known
evangelical author and
speaker; editor-at-large
of Christianity Today



Director's Corner



Executive Director Leslie Wickman

Dear friends –

I don't know about you, but I'm glad that spring is on its way... I've had about enough of this crazy winter weather!

We've been busy this season with lots of travel... it's starting to feel like the new normal! In January I spent a few days at Palm Beach Atlantic University with Jeff Greenberg and the rest of his team for the kick off of our STEAM book project, featuring inspirational profiles and careers. It was a productive meeting for an exciting project, and you will enjoy reading more about it in a later article in this issue.

In mid-January, Vicki and I met up with local organizers Lynn Billman and Ken and Cheryl Touryan for a visit to the beautiful Colorado School of Mines campus, where our Annual Meeting will be held this summer (July 28–31). Things are shaping up for a great conference, and we're looking forward to seeing many of you there. Registration will soon be open, so please help us spread the word by inviting your scientific, technical, and theological friends and colleagues to attend.

We also had local meetings at Colorado Christian University and at Colorado State during our visit, and were very encouraged by the friends (both new and old) who showed up!

As this newsletter goes to press, we're gearing up for more visits with churches and members in Hawaii and Florida, as well as with some budding new chapters in Texas.

That's it for now. Enjoy the newsletter, and I hope to see you somewhere soon!

With gratitude,

Leslie



ASA Member Highlight



Paul R. Godfrey

Long-time ASA member, Paul Godfrey, turned 102 years old on November 26, 2016! Paul has been a member of the ASA since 1953, and a member of the

American Chemical Society since 1943. After receiving a package of souvenirs from the ASA 75th anniversary annual meeting, Paul wrote to ASA with the help of his son, Thomas Godfrey. We are pleased to highlight Paul's life, career, and impressive history with the ASA.

Paul was born on November 26, 1914, in Ventnor, NJ, now a suburb of Atlantic City, but he grew up in a number of small towns or rural locations in southern New Jersey, eventually graduating from high school in Millville in 1932. He went out west with his older brother to study at William Jewell College, which is where he earned his bachelor's degree in chemistry in 1938. He went on to Purdue to earn a master's degree in 1940 and a PhD in 1952, both also in chemistry. During this same period, he married and held a number of teaching positions in various places, finally settling down at Louisiana College in the fall of 1946. By the end of 1957, he had five children (of which Thomas was the third). In 1970, he moved to Tusculum College in Tennessee along with his second wife and their first child. Their second and youngest child was born in 1973. He continued on the faculty there until he retired, around 1985, but he held a number of part-time or honorary positions, such as faculty marshal, even after that. Last summer, he and his wife moved in with their youngest child, where they now live in Asheville, NC.

Paul first learned about the ASA at a chapel meeting at Louisiana College and attended an ASA meeting at Gordon College where he heard Walter Hearn speak. He recalled to his son that he has read most articles in each *Perspectives on Science and Christian Faith* issue over the years, including a few letters written by his son, Thomas. On behalf of the ASA community, we want to thank Paul for his many years of faithful participation in the science and faith dialogue.



Herrmann Lecture Series on Faith and Science at Gordon College

By Vicki Best

The Herrmann Lecture Series was held November 9–11, 2016, in the Ken Olsen Science Center at Gordon College. This annual event was established to honor the pioneering work of Robert Herrmann, former ASA Executive Director and former pre-med advisor and professor at Gordon College. Many ASA members as well as Gordon College faculty and staff and the general public gathered to hear Jennifer Wiseman, ASA Fellow, astronomer, and Director of Dialogue on Science, Ethics and Religion for the American Association for the Advancement of Science, speak on “Universe of Wonder, Universe of Life.”

In addition to the stimulating public lectures by Jennifer, we were delighted to hear the three respondents who are also ASA Fellows. The lecture titles and the respondents were the following:

“Brilliant Nebulae, Black Holes, and Dark Matter: A Universe Inspiring Wonder and Praise.”

Respondent: Leslie Wickman, ASA Executive Director.

“Unfolding Majesty: A Cosmic Journey from Light to Stars to Planets and Life.”

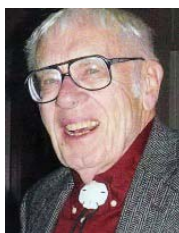
Respondent: Ian Hutchinson, ASA Fellow and Professor of Nuclear Science and Engineering, MIT.

“Is the Universe Filled with Life? Discovering Cosmic Bounty.”

Respondent: Owen Gingerich, ASA Fellow and Professor Emeritus of Astronomy and of the History of Science, Harvard University.

Following the Wednesday public lecture and reception, several ASA members and friends gathered for dinner at a local restaurant. It was a wonderful time of fun, food and fellowship in ASA style.

Members in Glory



John W. Burgeson *(1931–2016) Physicist*

John W. Burgeson died in Texas on Monday, Sept. 12, 2016. John, also known as “Jack” and as “Burgy” on the ASA listserv, was born on Aug. 19, 1931, in Youngstown, OH. He graduated from South High School in 1949, Carnegie Tech in 1953, and Florida State University in 1955, with a master’s in nuclear physics.

After doing contract work for two years with the U.S. Navy, he signed on with IBM and worked for 40 years as a computer engineer. His hobbies included scientific studies and baseball. He also wrote an automobile book and many scientific articles. In 1961, John invented the world’s first computer baseball game. He donated it to the Baseball Hall of Fame.

John was a Stephen’s minister and knew Jesus as his Lord and Savior. He joined the ASA in 1971 where he actively participated in the listserv discussion and was a member until his death. He wrote nearly 20 book reviews in *PSCF*.

With his experience in designing surveys at IBM, he helped advise aspects of various ASA surveys.



Teresa Marie Nesman *(1957–2016) Anthropology, Science teacher*

Teresa Nesman died peacefully in her sleep August 6, 2016. She was born on July 5, 1957, in Oriente, Cuba, where her parents were teaching in a rural vocational school. Her grade school years were spent in Alajuela, Costa Rica and Gainesville, Florida, high school in Tampa and college at Florida State University. She spent 15 years as a science teacher locally, before entering USF for a master’s degree and then a PhD in applied anthropology. Teresa’s remaining years were in research and evaluation projects and teaching courses on cultural competence at the Child and Family Department of the Mental Health Institute at USF.

Teresa authored numerous writings from her research studies in the field of children’s mental health and cultural assimilation and directed many training workshops. She also volunteered one year in Haiti at a Presbyterian mission, helping with teacher training, while volunteering on their mission’s executive board for many years. Teresa joined the ASA in 2010 at the recommendation of Martin Price. She also joined the Christian Women in Science group.



Frederick H. Hafner *(1912–2014) Food Chemist*

Fred H. Hafner, formerly of Edina and Plymouth, MN, died peacefully after a brief illness on July 2, 2014, in Sun City West, AZ, at the age of 102. Frederick Henry Bergholz Hafner was born on April 22, 1912, in Buffalo, NY. He graduated from the University of Buffalo, where he majored in food chemistry and met his beloved wife Dolores. They married in 1937 in Minneapolis, shortly after Fred was transferred there by his employer, Archer Daniels Midland. Fred spent most of his professional career at General Mills, where he collaborated with doctors from the Mayo Clinic to develop a cookbook for people with metabolic deficiencies, renal disease, and gluten intolerance. He retired in 1976 and moved permanently to Sun City West in 1981. They celebrated their 71st anniversary before her death in 2008.*

Fred joined the ASA in January of 1963 and later became a lifetime member. He was active in the North Central local ASA section in the Twin Cities, MN, serving as vice president of that section in 1970. He also was the local arrangements chair for the ASA 1970 annual meeting at Bethel College.

**From The Arizona Republic on July 8, 2014*

Successful Trip to Northern California including Another 75th Anniversary Celebration

By Vicki Best

In addition to celebrating ASA's 75th anniversary at Azusa Pacific University and Wheaton College, we had another wonderful event in Berkeley, California. In November, over 30 people from Northern California (some traveling up to three hours in California traffic!) joined Leslie and me at First Presbyterian Church, Berkeley for a delightful evening of celebrating God's faithfulness to the ASA. Leslie gave her rendition of "The History and Future of the ASA," and Jack Swearengen gave his personal testimony of what ASA has meant to him over the years. In similar fashion to other anniversary events, we highlighted our VIP (40+-year members) that were in attendance. They were Walter (and Ginny) Hearn, Jack Swearengen, Sidney Niemeyer and Tim Stafford. It was a fabulous time had by all.

In the wake of the Berkeley event, we had a fairly aggressive travel schedule to the following locations in the Bay Area:

1. Reasons to Believe in Los Altos
2. San Jose State University in San Jose
3. Valley Christian School in San Jose
4. Stanford University IVF Graduate Fellowship in Stanford
5. Center for Theology and Natural Science in Berkeley
6. The Highway Church in Palo Alto

We interacted with over 150 people at these various gatherings and all were exceedingly valuable and productive meetings. Engaging with many friends, it was energizing to share the mission and message of the ASA with such a broad range of people.

As we continue to travel the country as part of our local chapters campaign, we are looking forward to meeting and partnering with ASA members and with churches, faith-based organizations, K-12 Christian schools, Christian and secular colleges and universities—all in an effort to expand the work, mission, and reach of the ASA!



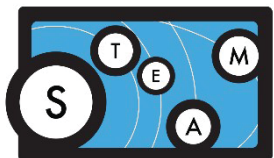
ASA New Members January–June 2016

Please join us in welcoming these new members!

Asenath Adienge –Nairobi, Kenya
Aniko Albert –Rockville, MD
J Theodore Anderson –Washington, DC
Daniel Ang –Cambridge, MA
Mary Barber –Hohenwald, TN
Alyson Barker –Santa Barbara, CA
Justin Barrett –Pasadena, CA
Lisa Beckmann –Torrance, CA
Steven Bell –Stanford, CA
Susan Billman –Aurora, CO
Daniel Blakemore –Grand Rapids, MI
Odofo Bondzi-Simpson –Palmdale, CA
Theodore Bruner –Mars Hill, NC
Robert Bryant –North Ryde, Australia
Hien Bui –Santa Barbara, CA
Madeline Bullmore –Kenosha, WI
John Bullock –Frankfort, IN
Ryan Burner –Baton Rouge, LA
Christopher Buschhaus –Moncton, NB
Josh Caesar –McKinney, TX
Emily Campbell –Sauk Rapids, MN
Audrey Chen –Pasadena, CA
Daniel Chen –Charlottesville, VA
Kristin Chilton –Blacksburg, VA
Samyeol Choi –Seoul, Korea
Dan Chung –Fremont, CA
Katherine Clayton –Hoopeston, IL
Joel Corcoran –San Bernardino, CA
William Cwirla –Hacienda Heights, CA
Anne Davidson –Indianapolis, IN
Dean Dettloff –Toronto, ON
Jonathan Diaz –La Verne, CA
Rebecca Dielschneider –Winnipeg, MB
Amy Dreyer –North Vancouver, BC
Tommy Dunlap –Hernando, MS
Dale Dunn –Springfield, VA
Paul Dwiggins –Southborough, MA
Sue Dykes –Johannesburg, South Africa
Olivia East –Cortland, IL
Zachariah Ellis –Pasadena, CA
Robbin Eppinga –Sioux Center, IA
Anders Ericson –South Bend, IN
Rachel Evans –Nashville, TN
Goncalo Forjaz de Lacerda –Washington, DC
Veronica Fortino –Hialeah, FL
Heidi Fuqua-Haviland –Pineville, LA
Kaitlyn Gardea –Rancho Cucamonga, CA
Daniel Gillooley –Campbell, CA
Bruce Gilmore –Greeley, CO
Phil Godding –St. Cloud, MN
Andrea Gory –La Mirada, CA
Alison Gove –Beverly, MA
Otangelo Grasso –Aracaju, Brazil
Seth Gresham –Chalfont, PA
Joel Gretton –Oakville, ON

Christopher Guidi –Manhasset, NY
Allan Haley –Nevada City, CA
Joshua Harris –Toronto, ON
Ginny Hayes –Tuscaloosa, AL
Franklin Herr –Lancaster, PA
Paul Herrington –Louisville, KY
Joshua Hershey –Hamilton, NJ
Stephen Hewko –Toronto, ON
Joshua Ho –St. Louis, MO
Eric Holloway –Waco, TX
Gregory Howard –Bethesda, MD
Savanah Huizar –Rancho Cucamonga, CA
Charles Hunt –Davis, CA
Athul Jacob –Mississauga, ON
Peter James –Houston, TX
Benjamin Johnson –West Lafayette, IN
Kevin Jung –Winston Salem, NC
Robert Keefer –Omaha, NE
Halle Kershnik Burley –Seattle, WA
Kylie Keshav –Buffalo, NY
Ahmed Khawer –St. John's, NL
George Kidd –Decatur, IL
James Kim –Toronto, ON
Paul Kindstedt –Shelburne, VT
Scott Kinnes –Covina, CA
Matthew Kobe –Grand Rapids, MI
Timothy Kocher –Morgantown, WV
Dilia Kool –Sede Boqer, Israel
Joel Korytko –Chilliwack, BC
Douglas Kump –Odenton, MD
Jerry Lau –Utrecht, Netherlands
Minyi Lee –Tulsa, OK
Jonathan Lew –Pasadena, CA
Josiah Lewis –Saint Louis, MO
Libby Ligon –Cookeville, TN
Franklin Linam –Wimberley, TX
Lara Linden –Durham, NC
Jonas Lippuner –Altadena, CA
Peter Wanpek Liu –Short Hills, NJ
William Loose –Rosemead, CA
Jake Love –Perris, CA
Micah MacAskill –Wheaton, IL
Gian Marti –Zurich, Switzerland
Loren Martin –Azusa, CA
Maxine Martinez –Riverside, CA
Kayla Masters –Riverside, CA
Jordan McEwan –Edmonton, AB
Victoria McKinnon –Waterloo, ON
Reed Metcalf –Pasadena, CA
Genis Misola –Burnaby, BC
Michael Mobley –Phoenix, AZ
Kathryn Moyer –Mechanicsburg, PA
Toney Mulhollan –Spring, TX
David Murray –Brownwood, TX
Gil Nadolny –Phoenix, AZ

Amanda Nichols –Edmond, OK
Mark Novak –Toronto, ON
Alex Ockerse –Zeeland, MI
Richard Ofori –Houston, TX
Ashley Osmond –Paradise, NL
Michael Paul –Wenham, MA
Jennifer Payne –West Covina, CA
Steven Petrillo –Pennsauken, NJ
John Pidgeon –Great Falls, VA
Galina Pylypiv –Akron, OH
Darren Reimer –Steinbach, MB
Jordy Reinders –Lincoln, NE
Ciara Reyes –Ypsilanti, MI
Taylor Richter –Leesburg, GA
Matt Robertson –Georgetown, TX
Jacob Rothenbush –Surrey, BC
Scott Rowell –Surrey, BC
Ronald Russell –Anchorage, AK
Morag Ryan –St. John's, NL
Alexander Saleh –Abbotsford, BC
Michael Santini –Encinitas, CA
Patrick Schacht –Riverside, CA
Emily Schmidt –Escondido, CA
Caroline Schuster –Lubbock, TX
Suleman Shahzad –Lahore, Pakistan
Karen Shahzad –Lahore, Pakistan
Shazia Sharif –Lahore, Pakistan
Michael Shelton –Fayetteville, NC
Wungrampha Silas –New Delhi, India
April Sime –Lodi, NJ
Erin Smith –Riverside, CA
Rebecca Sok –Pasadena, CA
Patrick Sun –Los Angeles, CA
Nancy Sung –DPO, Armed Forces Pacific
Vicky Sedhya Theodore –Laval, QC
Sandy Thompson –Tallahassee, FL
Karla Thompson –Florence, MS
Karen Toews –Steinbach, MB
Hollie Tripp – Mooresville, NC
Nicholas Troup –Charlottesville, VA
Peter Twigg –Elizabethtown, PA
Diego Uribe –Merida, Mexico
Laura Vander Horst –Hamilton, ON
Bruce Verduyn –The Woodlands, TX
Kyle Vynorius –Atkinson, NH
Tyler Wagner –Eastvale, CA
Danielle Weber –Langhorne, PA
Caroline Williams –Nashville, TN
Gavin Willis –Surrey, BC
Donald Wong –Indianapolis, IN
Calvin Wray –Surrey, BC
Amos Yong –Altadena, CA
Sid Ypma –Ottawa, ON
Xuanzi Zhang –New York, NY



SCIENCE & THEOLOGY FOR
EMERGING ADULT MINISTRIES

STEAM Grant Partnership

by Jeff Greenberg

The ASA in partnership with Jeff Greenberg of Wheaton College received one of the grants from the Templeton Foundation-Fuller Theological Seminary STEAM (Science and Theology for Emerging Adult Ministries) Project in 2016.

This particular grant for \$25,000 was awarded so that a team of diverse, qualified individuals could meet and design a very strategic book. The book is to be a strong recruitment tool for attracting young Christians, high-school and college age, into scientific vocations. The rather obvious rationale is that the scientific disciplines less populated by college students need particular “marketing” and promotion for their value as Kingdom service. Current political and global issues powerfully emphasize the need for biblical ethics wed with professional scientific expertise to meet the challenges.

Fourteen individuals gathered at Palm Beach Atlantic University, January 5 and 6, 2017, to formulate the book’s organization, content, and style. Much discussion also went into how this initiative can be “owned” most widely by organizations such as ASA, BioLogos, InterVarsity, the CCCU (Coalition of Christian Colleges and Universities), as well as congregations, and other groups that serve Christian young people.

The volume will have three major sections: an introduction of theological and science-vocation principles; a core section of many personal story-profiles, exhibiting a wonderful array of actual vocational journeys; and an appendix of bibliography with lists of careers and internships currently available. The profiles are being solicited from the full spectrum of disciplines not well represented in Christian higher education, including the chemical, geological, and physics/physical sciences. Non-medical biological science, engineering, and some interdisciplinary vocations will also be presented with lesser emphasis, as they are better elected by evangelical students.

The volume team welcomes ideas, questions, and even potential contributions, until mid-summer 2017.

The Newsletter of the ASA and CSCA is published for its membership by the American Scientific Affiliation.

Please send Newsletter information to Sharon Carlson, sharon@asa3.org

Send Coming Events information to David Fisher, dfisherasa@gmail.com.

Kindly send Canadian matters to CSCA, PO Box 63082, University Plaza, Dundas, ON L9H 4H0.

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Annual Fund

Please help us to reach our goals!

We are so encouraged by your active participation in our annual fund and capital fund campaigns. Thank you for your commitment and generosity in supporting the important, life-changing work of the ASA. We are confident that God's hand of provision will continue to sustain us as we seek to finish funding both of these campaigns.



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