ASA 2022 Winter Symposium

Philip Yancey on God, Science, and the Pandemic: With Lessons from John Donne

Hannah Eagleson

Biology ~ The Spiritual Complexities of Sickness ~ Public Health

Pastor and poet John Donne (1572–1631) explored all these themes, writing as modern science was beginning to take shape four hundred years ago. In our own moment of global pandemic, award-winning author Philip Yancey has updated the language of Donne’s classic work, Devotions upon Emergent Occasions, on sickness and spirituality.

At our 2022 Winter Symposium on January 29, 2022, Philip Yancey explored one of his great subjects: God’s presence in our times of suffering and pain. Drawing on A Companion in Crisis, his paraphrase of Donne’s Devotions, Philip guided us through a deep and poignant exploration of spirituality in the midst of sorrow and struggle. We were delighted to welcome 877 people who registered for the event.

In the first hour, Philip shared his deep reflections on suffering with us, drawing on his experience as a journalist and author. He has over 15 million copies of his books in print, published in over 50 languages. His work is widely loved by Christian audiences, and ASA was thrilled to host him as the gala speaker for the 2017 Annual Meeting in Colorado. Throughout his writing career, Philip has welcomed readers to find God’s mysterious presence in unexpected ways. One long-term theme of his work is suffering and spirituality. He is the author of Where Is God When It Hurts? and the recent memoir Where the Light Fell.

Philip started by telling the story of how Donne helped him launch his own career. As a young writer, Philip discovered Devotions and found that it wrestled through questions of faith and suffering in a way he found incredibly helpful. He gave it to many friends, hoping they would find it as compelling as he had. Over and over, his friends tried to read it and found the archaic language to be a barrier to connecting with the book. Philip worked on paraphrasing it then. Publishers at the time were not convinced that a paraphrase of Devotions would be a hit, but a publisher did encourage him to use what he had learned to write his own book on suffering and faith. That led to the publication of his first book Where Is God When It Hurts? So, in a way, Donne helped to launch Philip’s career as an author.

As the pandemic started in 2020, Philip, with unexpected unscheduled time, decided to revisit Donne’s Devotions and paraphrase it for contemporary readers. Philip drew on this starting point to reflect on several aspects of suffering, interweaving reflections on faith in times of difficulty. ASA members can watch the whole talk here: https://network.asa3.org/general/custom.asp?page=2022-ws-recording.

In the second hour, a panel shared from their varied expertise on ways to respond in faith to this difficult moment. ASA Fellow and Executive Council member Janel Curry moderated a panel including Hannah Eagleson, a campus ministry leader with expertise in Donne’s work; David Horn, a theologian and pastor and previous director of Gordon-Conwell’s Ockenga Institute; Debra Schwinn, the president of Palm Beach Atlantic University and a physician scientist; and Reid Swetland, an associate dean and mental health counselor at Gordon College.

David talked about how specialized language shapes communities and how that language is relevant to our conversations in a time of pandemic. Debra spoke about bridging conversations in her community as a college president. Reid offered insights as a mental health professional supporting individuals and communities as they process the emotional and psychological experience of the pandemic. Hannah reflected on how John Donne was the kind of pastor many scientists seek. He studied new discoveries in the natural world and the human body, and wove that study into his pastoral work and his writing. A contemporary of Galileo and Francis Bacon, Donne is, in a way, pastoring us across four hundred years. The whole panel appreciated Philip Yancey’s work in sharing his own wisdom, and in making Donne more accessible to contemporary readers.

In the third hour, ASA members and guests connected in small groups: some online and some in person around the country. The small groups processed their experience and shared ideas inspired by Philip Yancey and the panelists.

Overall, the 2022 Winter Symposium was an amazing moment to gather our community across a distance and welcome in new participants. With 505 registrants beyond our current membership, we were thrilled to welcome a wide community of members and other participants.
Dear Friends,

We live in disruptive times—again! The ASA was born out of the fires of Pearl Harbor. Today the modern world is being reborn out of the fires of Kyiv and Mariupol in the Ukraine. Our lives are deeply touched by this war, so present yet strangely distant to the pace of everyday life. How should we respond, individually? Prayer, of course, and our staff has been praying, especially for several ASA followers in the Ukraine.

But what of the ASA? What of our mission, together?

For the ASA, our mission is as clear as it is daunting. Thinking Christianly about scientific questions can occupy a lifetime. And thinking scientifically about theology and Christian faith is equally challenging. Bringing these two lines of inquiry together is our goal. Thousands of ASA members over the last 80 years have benefited from the ASA’s role in integrating, communicating, and facilitating properly researched science and theology in service to the church and the scientific community. C.S. Lewis reminded his students that “war creates no absolutely new situation: it simply aggravates the permanent human situation so that we can no longer ignore it. Human life has always been lived on the edge of a precipice.” ¹ We are children of eternity, yet a vapor; like grass we wither, but we are called to live in the light of God’s love and grace. This is a mystery.

ASA Fellow Cal DeWitt reminded us recently that a war horse is a vain hope for victory. ² Rather, like the early Christians, we need to pray and seek God. And then we need to do the work necessary for the flourishing of humans, and for all of God’s creation. That is the theme of the ASA annual meeting this summer.

Have you ever wondered, what the faith-science landscape would look like without the ASA? What is the unique role we play? The ASA is a scholarly society, a professional society, and a community of Christians at the interface of the social and natural sciences. We aspire to excellence in scholarship, to professional formation, and to growth as a community that engages science and faith. Our goal in all of this is excellence. Learning to honor one another as members of the body of Christ, in this context, is an ongoing challenge and our calling. Your generous support is making this possible.

A special passion of ASA members is helping to form the next generation of leaders in faith and science. Many of us recall first hearing of the ASA as students. Our scholarship fund is full with generous support for students to join us at Point Loma Nazarene University on the shores of the Pacific Ocean in San Diego, California. Students are especially welcome to present their work in a poster and to network with the community of ASAers in person.

Please plan to join us as we pause for a few days of focused reflection together, to encourage each other and be renewed.

Looking forward to seeing you in San Diego,

John Wood


ASA New Members October–December 2021
Please join us in welcoming these new members!

Chidiebere Akudigwe —Tulsa, OK
Domenica Baez —Tulsa, OK
Marc Bauer —Hawley, MN
Owen Boerema —Litchfield, MN
Michael Bosscher —Chicago, IL
Meghan Bullard —Washington, DC
Matthew Byrd —Burlington, NC
Andrew Chapuis —Tulsa, OK
Grace Chung —Porter Ranch, CA
Priscilla Click —Fredericksburg, VA
Steve Condrey —Omaha, NE
Valerie Cooper —Oklahoma City, OK
Keyara Edwards —Cypress, TX
Alejandra Escobar —Tulsa, OK
Gary Fergren —Corvallis, OR
Jessica Gillies —Oshawa, ON
Victor Gomes —Cascavel, Brazil
Steven Gregory —Goodlettsville, TN
Glory Hansel —Eldridge, IA
Joseph Itiat —Philadelphia, PA
Jeff Jibben —Gilbert, AZ
Hongbin Kim —Paju-si, South Korea
Wesley Klehm —Tulsa, OK
Hannah Landman —Sioux Center, IA
Jianxiong Li —Baton Rouge, LA
Emmelia Lichty —Enid, OK
Steven Light —Fenton, MI
Heuiseok Lim —Seoul, South Korea
Cade Looney —Stewartville, MN
Kendall Luman —Sacramento, CA
Cody Mackoway —Sturgeon County, AB
Jack Mayfield —Hygiene, CO
Ben Meier —Roseville, MN
Celina Mix —St. Cloud, MN
Robert Moss —Belden, MS
Robert Mullins —Broken Arrow, OK
Michael Norvelle —Green Valley, AZ
Maddie Oscarson —Rogers, MN
Julio Paladilla —Doral, Dominican
Lucy Pelzel —St. Joseph, MN
Gabriel Pendell —Tulsa, OK
Sandeep Philip —Tulsa, OK
Mark Porterfield —Thorndale, TX
Paige Ragan —Fontana, CA
Caroline Reding —Saint Paul, MN
Matthew Richards —Ventura, CA
Sampson Rolen Jr —Lakeville, MN
Ian Sheridan —Maple Ridge, BC
Andrew Skoglund —Roseville, MN
Taylor Smith —Litchfield, MN
Andrew Snow —Vancouver, BC
Jaemog Soh —Seongnam-si, South Korea
Shannon Swicker —Sharonville, OH
Jennifer Tsui —Edmont, AB
Richard Turner —Woodway, TX
Lane Ulrich —Augusta, GA
Jon Vaughn —Sulphur, OK
John Vivienzo —Stony Brook, NY
Rita Wang —Uniondale, NY
Connor Wood —Arlington, MA
Aidan Wright —Tulsa, OK
Lori Yoder —Richland, PA
Nathaniel Youmans —Siloa Springs, AR
Sarah Zimmermann —Afton, MN
After a full year of engagements, Diving Deeper Discussions (DDD) has become a popular ASA program. This successful scholarly outreach is moderated by ASA Executive Director Emeritus Randy Isaac.

Once a month, on the second Saturday at 2:00 pm ET, guest authors are invited to expand on their articles or book reviews that have been presented in *Perspectives on Science and Christian Faith*. The audience joins virtually from locations in the US, Canada, and around the world.

Randy expertly guides the conversation with the authors and then entertains questions from the audience. Many people look forward to joining in the dialogue each month. It is also a great way to showcase the scholarship of our ASA members.

Last year, there were a total of 641 attendees at the DDD monthly seminars. Recordings of the program are posted on the ASA YouTube channel. In 2021, there were over 1,600 views of the past events. Topics such as climate change, vaccine hesitancy, food security, abiogenesis and origins have been welcomed conversations during these online gatherings. For a full listing of both past and future DDD topics, visit the ASA website, https://network.asa3.org/page/DivingDeeper.

The 2021–2022 Herrmann Lectures featured ASA Fellow and astrophysicist Perry Phillips. Perry received his PhD in astrophysics from Cornell University where he became a Christian as a graduate student. He then attended Biblical Theological Seminary (now called Missio), where he earned his MA in Hebrew language. After his MA, Perry remained at JUC where he taught historical geography to groups of students from around the world. He has taught over 60 groups in Israel, off and on, and continues to teach historical geography in conjunction with his wife, Elaine Phillips, Distinguished Professor Emerita of Biblical Studies at Gordon College.

Perry has also taught at the college level over fifteen years and was a senior quality assurance engineer with Converse, a high-tech firm in the Boston area. He has published numerous articles in the area of theology and science. He lives with his wife Elaine in Gloucester, Massachusetts.

Perry’s three lectures are described below and will be posted at https://www.gordon.edu/herrmannlectures/pastlecturers.

**March 28 – “The Expansion”**
Most people have heard the term “big bang” and have an idea that the term implies that the universe is expanding from an initial point (creation). But what is the observational evidence that led to the acceptance of an expanding universe?

**March 29 – “Cosmic Glow and Cinders”**
The “hot big bang,” which occurred about 14 billion years ago, left its imprint upon the universe that we can detect presently with radio telescopes and with satellites. Moreover, we can also observe the “cinders” of the material forged during the first three minutes of creation. These observations, along with the expansion, provide the three pillars upon which we base the big bang origin of the universe.

**March 31 – “But There Are Problems …”**
In spite of the massive evidence for a hot big bang, some questions exist: Why is the universe so flat? Why do unconnected parts of the universe look so similar? Is this the only universe, or are we in one component of a multiverse?

The Herrmann Lectures on Science and Faith began in 2012 from a partnership of Gordon College in Wenham, Massachusetts, and the John Templeton Foundation. It was established to honor the pioneering work of ASA Executive Director Emeritus and Gordon College Director of Premedicine Robert Herrmann who addressed, throughout his distinguished career, the “Big Questions” constellation around the theme of science and religion. His friendship and collaboration with Sir John Templeton enabled numerous groundbreaking events, networks, programs, and publications that greatly expanded the group of strategic thinkers engaged in the conversation on the crucial relationship between these two fields of study.
CSCA Thanks David Chettle

Bob Geddes, CSCA Secretary

A meeting of the Hamilton chapter on February 25, allowed the final chance for the group to hear from David Chettle, Professor Emeritus, Department of Physics and Astronomy at McMaster University, who spoke on the topic “Limits on Knowing in Science and Faith.” Over a number of years, David had provided key leadership in the Hamilton Chapter of the CSA, and particularly its precursors. He will be moving “back home” to England in June. The CSCA would like to take this opportunity to thank David for his service.

David’s academic specialty is in medical physics and applied radiation science. He commenced his time at McMaster in July of 1991. Not long after, around 1994, he and John Robertson from the Department of Religious Studies started a science and religion discussion group, which eventually morphed into today’s Hamilton Chapter of the CSA. He and John also established a graduate course in “Science and Faith Interactions” from a Templeton award administered through the Metanexus Institute. In 2005, through Don McNally’s guidance, the CSA became more formally involved with the discussion group, and for a number of years, it was one of the key elements of the CSA’s national activities. Throughout that time, this writer has many fond memories of David’s guidance and leadership, particularly with the planning group. The planning meetings for me were always a time of learning with fascinating discussion, as topics of interest were shared.

David’s talk on February 25, 2022, explored the limits of the scientific method, showing that science itself must be built on its axioms (i.e. faith). Christian knowledge requires trust in God, another faith-based principle. David showed that there is therefore a “broad equivalency” and potential for mutual compatibility between these two ways of knowing. There was much good discussion and questions, and David handled the answers in his typical modest, gentle, and eloquent style, always acknowledging alternative views and options. The recording is posted at CSCA’s YouTube channel at www.csca.ca/yt.

In his time at McMaster, David was also Associate Dean of Science for Research and External Relations. We extend our deep appreciation to David for his leadership and long-standing and generous commitment to the work which so effectively has aligned with the principles of the ASA/CSCA. We wish him God’s blessings and good health in the years ahead. We expect this move will be a blessing for the Faraday Institute and/or the Christians in Science (CiS).

We save the last word for the past Executive Director of the CSCA, Don McNally, who worked closely with David on many science and faith initiatives in Hamilton and at McMaster:

True to his British academic and Christian roots, David was always keen to engage in conversations on matters of faith and science with colleagues and students. Despite his heavy workload, and many church and mission commitments, David was always glad to take the lead in organizing special events and lecture series on faith and science to broaden the range of discussion. David’s ideas were always probing and exploratory but remained rooted in his deep personal faith. It was this faith that served as the center of gravity for David’s very active professional career and work in academic ministry.

CSCA’s Vancouver chapter co-sponsored two events launching Trinity Western University’s (TWU) Sustainability Series, each with two speakers. On March 3, 2022, Cat Jenkins, a fourth-year environmental studies major, reported on their attendance at the UN Climate Change Conference of the Parties (COP26) in Glasgow, including catching up with ASA Fellow Katharine Hayhoe for a conversation and autograph in Katharine’s book Saving Us, displayed below along side CSCA materials; Cat’s emphasis was on climate justice. Then Cheryl Wiens, a TWU biology graduate and climate policy advocate, described her involvement in municipal debates regarding urban development on environmentally sensitive Indigenous lands.

On March 12, Shane Durbach, TWU chemistry professor, spoke on “Plastic Particles of Hope,” describing the proliferation of plastics in our environment and current research on alternative uses for single-use plastics. This was followed by Tim Stephenson, science teacher and climate change educator, who spoke about the research he and his students are conducting on plastics at a local high school.

For both events, a few dozen were in attendance, including students, faculty, and administrators, as well as community members; the second event was also live-streamed. Recordings are posted at CSCA’s YouTube channel at www.csca.ca/yt and all CSCA events are listed at www.csca.ca/events.
Keith Miller Lectures on Evil and Tolkien
Sean C. Grimes and Evangeline Cornwell

On March 18, 2022, ASA Fellow Keith Miller presented on the topic of “Natural and Moral Evil and the Mythology of J.R.R. Tolkien” before a rapt hybrid audience consisting of members of the ASA Gordon College Student and Boston Chapters. Keith is retired from Kansas State University where his teaching and research interests included paleoecology, paleoclimate, stratigraphy, and the nature of science. He is currently an adjunct faculty member at Messiah College in Grantham, PA.

Keith is keenly interested in promoting science education. He has served on the Advisory Council of the National Center for Science Education since 2013 and is a past board member of Kansas Citizens for Science, a nonprofit organization that promotes science literacy. He is also the editor of Perspectives on an Evolving Creation (Eerdmans, 2003), a collection of essays by prominent scientists who support theistic evolution.

We were curious to hear how a Christian paleontologist would use the fantastical, literary world of J.R.R. Tolkien, and in particular, works such as The Hobbit and The Lord of the Rings, in a philosophical and theological discussion on the problem of evil, pain, suffering, and death in the natural world. The struggle to understand how a benevolent and all-powerful God could allow evil to exist in the world has perplexed humanity for centuries. Drawing from characters in the Trilogy and The Silmarillion, Keith gave a brief introduction to the origins of Tolkien’s universe, starting with its most powerful being, Eru Ilúvatar, who acted as God. During creation, Tolkien’s “Satan” character, Melkor, attempted to corrupt that which was being made during “The Great Music,” but Eru Ilúvatar turned the evil chords into sweet flowing melodies. Keith compared this scene to the story of Joseph and his being sold into slavery by his brothers. An evil act was turned into something good. As Genesis 50:20 says: “But as for you, ye thought evil against me; but God meant it unto good, to bring to pass, as it is this day, to save much people alive” (KJV). All evil acts that are perpetrated by Satan are able to be used by God for good because God is supreme good.

When discussing death, Keith described the creation of elves and humans. Elves were given immortality, and humans were given mortality. Immortality was actually meant to be a curse on the elves, not a blessing. Eru Ilúvatar stated that one day the elves would grow to be jealous of humanity’s mortality. Death is not something to be feared, rather it is seen as an ending that gives our lives beauty and meaning, because we know that we will not always be around to enjoy the nature around us. Keith theorized that death was the original plan for humans from the beginning, that death did not come about because of original sin. Death in itself is not wrong, because a world without death would be unsustainable. It is the fear of death that is wrong.

Lastly, Keith referenced a word that Tolkien coined: “eucatastrophe,” a sudden unforeseen positive event that leads to the protagonist being saved from a horrendous fate. In The Lord of the Rings, the eucatastrophe occurs when Frodo stood at the very edge of the world, literally feet above where the ring was created. He only needed to drop the ring to destroy it, but in a twist of fate—he gave into the ring’s temptation. He put on the ring and became invisible. Gollum, who had been following him, leapt onto Frodo in a moment of violent jealousy and bit off his finger. This act caused Gollum and the ring to fall into the lava, destroying them both. Likewise, Christ’s second return is humanity’s “eucatastrophe.” When humanity has fallen so far that no hope can be found—Christ will return and enact his final judgment. Our doom will be counteracted by an event that no finite mind can fully comprehend. The great evil will be vanquished, and we will live amongst God and his angels, a satisfying end to the greatest story ever written.

Keith’s lecture was well-received. Afterwards, he received enthusiastic questions from an intergenerational audience of Tolkien fans. We were simultaneously stimulated, challenged, and entertained, and we thank Tolkien and Keith Miller for this opportunity.
CCU Hosts Its 5th Annual Rocky Mountain Undergraduate Research Conference

Julie Woodman

On Saturday, March 12, 2022, the ASA teamed up with Colorado Christian University (CCU) to sponsor CCU’s 5th annual Rocky Mountain Undergraduate Research Conference. There were over 20 presenters and 70 attendees from three universities at this showcase of student excellence in research. Rocky Mountain ASA member Angela Kantola kicked off the conference with a talk entitled “Keep His Word: Recovering Endangered Fish in the Colorado River.” Leaders from the Rocky Mountain ASA chapter were given the difficult task of judging many outstanding student oral and poster presentations, and presenter awards were given to top presenters. CCU looks forward to once again hosting this annual event next spring, assisted by a great partnership with the ASA!
David Ernest Fisher

(1935–2021), Missionary

David Ernest Fisher, age 85, of Wheaton, Illinois, finished his work on Earth and moved to his heavenly home on September 22, 2021. He was born on October 23, 1935, in Lakewood, Ohio to Ernest Albert and Dorothy Mary (Deeks) Fisher, and graduated from North Olmsted High School.

On June 23, 1956, he married Doris Jane Sholes, then earned a Bachelor’s degree from Roberts Wesleyan College in Rochester, NY in 1957, followed by a degree in Missionary Technical Radio from Moody Bible Institute in Chicago, IL in 1960. He gained practical experience as a radio engineer and announcer at WDAC in Lancaster, PA, where he met many listeners who became faithful supporters over the ensuing decades.

In 1963 Dave and Doris joined Trans World Radio (now TWR) and served in Monaco (Europe) 1963–1973, Swaziland (Africa) 1973–1976 and Guam 1976–1978. He served in a technical capacity preparing broadcasts to be aired in dozens of dialects, so that people of many tribes and nations could hear the Good News of Jesus in their heart language. It was from hearing responses from listeners behind the Iron Curtain, who had been taught that science invalidated faith, that he was inspired to spend a few hours per week writing radio scripts that addressed their concerns and questions.

In 1978 the family moved to Wheaton, so Dave could focus full-time on showing secular listeners the coherence between science and Christian faith, via interviews with notable scientists with a strong Christian faith, as well as expositions of synergies between science and the Bible. Over the years, from its start for Hungarian, then Russian and Mandarin-speaking listeners, the Truth in the Test Tube (TTT) program has been produced and broadcast by TWR in 13 languages, drawing responses from around the globe. He also served in the World by 2000 project at the US Center for World Mission in the late 90s. He marked 58 years of service with TWR in June 2021.

After 52 years of marriage, Doris was promoted to heaven in 2008. Eleanor Weiberg became his wife and ministry partner in 2011, celebrating his 50 years with TWR with him in 2013. They would have celebrated their 10th wedding anniversary in November 2021.

In 1985, he earned an MA in Intercultural Studies and Missions from Wheaton College. His print publications include co-authorship of Scientists Who Believe (Moody Press, 1984), translated into five languages and selling over 50,000 copies, chapter contributions to Ambassadors for Christ (Moody, 1994), numerous articles in Young Ambassador magazine, and frequent contributions to Chuck Colson’s BreakPoint broadcast.

Dave joined the American Scientific Affiliation in 1979. He actively recruited ASA members for science-faith material to use in his broadcasts. That plus his penchant for puns is illustrated in the June/July 1982 issue of the ASA Newsletter. It recounts the way Dave drew on information from astronaut Jack Lousma (commander of the third Columbia space shuttle mission) on his broadcast and urged ASA members to contribute similar stories. The newsletter concludes:

As a headline for this story Dave Fisher suggested “AN APOLOGETIC APPROACH,” because of our “pervasive and persistent penchant for puns.” Where did he get that idea? Even so, it’s good to see a young fellow show respect for a senior’s old-age penchant.

Charles Elswood Chaffey

(1941–2021), Chemical Engineer

Charles Elswood Chaffey passed away October 15, 2021, at Michael Garron Hospital at the age of 80. He is survived by his loving wife Eunice, his children Anna (David) and Charlotte (Chris), and his grandchildren Emily, Timothy, Benjamin, Philip, Beatrix, and Kees.

Charles was appointed Professor Emeritus in 2006 after a career at the University of Toronto in the Department of Chemical Engineering and Applied Chemistry of the Faculty of Applied Science and Engineering. Charles was a faithful member of Forward Baptist Church of Toronto. He was an enthusiastic and involved member of the Toronto Field Naturalists, the Bruce Trail Conservancy, Senior Hikers of Toronto, Canadian Scientific & Christian Affiliation, Senior College at the University of Toronto, and Cosburn Park Lawn Bowling Club. He was a valued volunteer with the Herbarium at the Royal Ontario Museum.

Charles has been an active and faithful member of the ASA and CSCA, becoming recently recognized for his 50-year membership. He was one of the most loyal attendees at CSCA annual meetings, and, along with his support for local events for the Hamilton Chapter, was well known for his combining of public transport and his bicycle to attend all these Hamilton events, from his Toronto location. Throughout the years, he submitted a number of book reviews to PSCF, ranging from such topics as mathematics and environmental issues, to old earth geology. In more recent years through a series of talks, he filled in a critical gap in the Canadian science and faith theme through his explorations of the historic scene in French Canada and the issue within that Province’s Roman Catholicism. Charles was always known and respected for his engaging comments and questions at CSCA meetings and talks. He will be dearly missed.

Charles was one of the original members of the CSCA and maintained a keen sense of the founding principles and historical development of the CSCA over the span of his career and into retirement. With a modesty that was so characteristic, Charles was always quick to draw attention to the contributions of others, while overlooking his own very considerable role in establishing the CSCA as a highly respected academic ministry in Canada. This characteristic modesty is illustrated in his reflections on the founding years of CSCA. There will be no surprise when Charles hears the words of his Lord: “Well done, you good and faithful servant.”
WHAT IS A HUMAN?
Flourishing as a Person

The Newsletter of the ASA and CSCA is published quarterly for its membership by the American Scientific Affiliation. Please send Newsletter information to Rebecca English, becky@asa3.org. Kindly send Canadian matters to CSCA, PO Box 63082, University Plaza, Dundas, ON L9H 4H0. Send address changes and other business items to The American Scientific Affiliation, 218 Boston St, Ste 208, Topsfield, MA 01983. Phone: (978) 887-8833; E-mail: asa@asa3.org; Website: www.asa3.org. ©2022 American Scientific Affiliation (except previously published material). All rights reserved.