

67th Annual Meeting of the American Scientific Affiliation

Science, Faith, and the Media: Communicating beyond Books

Point Loma Nazarene University
3900 Lomaland Drive
San Diego, CA
July 20–23, 2012

*Therefore each of you must
put off falsehood and
speak truthfully to your neighbor,
for we are all members of one body
(Ephesians 4:25, NIV).*

Plenary Speakers



Jack Johnson

Professor, Department of Molecular Biology
Lab of Structural Virology
The Scripps Research Institute
La Jolla, CA



Chris Perez

Public relations and interactive marketing
counselor and educator



Dean Nelson

Journalism professor, Point Loma and
coauthor of *Quantum Leap:
How John Polkinghorne Found God in
Science and Religion*



Rebecca Ver Straten-McSparran

Philosopher, theologian, instructor, and
director of the Los Angeles Film Studies Center



Ralph Winter

Producer of 4 *X-Men*, *Star Trek III, IV, V & VI*, 2 *Fantastic Fours*,
Cool It, *Left Behind*, and *Mother Mary of Christ*

Meeting Schedule Highlights

THURSDAY, July 19, 2012–SUNDAY, July 22, 2012

2:00 PM–5:00 PM Lodging check-in
6:30 PM–10:00PM Lodging check-in

THURSDAY, July 19, 2012

3:00 PM–9:30 PM ASA registration table open

FRIDAY, July 20, 2012

8:15 AM–9:30 PM ASA registration table open
8:30 AM–12:00 PM **WORKSHOP I:** Christianity and the Scientific Revolution
–Ted Davis, Leader
1:00 PM–4:30 PM **WORKSHOP 2:** Coming Out Christian Online
–Pamela Gay, Leader

FIELD TRIPS

8:15 AM–5:00 PM Balboa Park Museums and Gardens
8:15 AM–5:00 PM San Diego Zoo
10:30 AM–5:00 PM Torrey Pines State Natural Reserve
12:45 PM–5:00 PM *USS Midway* and Seaport Village
1:00 PM–5:00 PM Cabrillo National Park

CONFERENCE

4:30 PM Dinner
7:00 PM Welcome
7:30 PM Plenary Session
9:00 PM Fellowship Mixer

SATURDAY, July 21, 2012, 8:15 AM–11:00 PM

ASA registration table open
Plenary Sessions
Parallel Sessions and Symposia
Panel: “So You Have an Idea for a Movie: Process, Opportunities, Pitfalls, and Profound Stories”
Movie, *From the Dust*, and Panel Discussion
Ice Cream Social

SUNDAY, July 22, 2012, 9:00 AM–10:00 PM

Worship Service
ASA registration table open
Plenary Session
Parallel Sessions and Symposia
Poster Session
Women in Science Gathering
ASA Business Meeting
Communications Meeting
Students and Early Career Scientists

MONDAY, July 23, 2012, 8:15 AM–12:00 PM

ASA registration table open
Plenary Session
Parallel Sessions and Symposia
Lodging check out by 10:00 AM

Symposia and Sessions

- Behavioral Sciences and Humanities –Moderator: Linn Carothers, California Baptist University
- Christian Views in Science and Faith –Moderator: Michael Everest, Westmont College
- Christians and Science in Film –Moderator: Rebecca Ver Straten-McSparran, LA Film Studies Center
- Communicating Earth Science to the Public: Opportunities and Pitfalls –Moderator: Keith Miller, Kansas State University
- Information, Genetics, and the Origin of Life – Moderators: Melissa Antonio, California Baptist University; Steve Freeland, Institute of Astronomy, Hawaii University
- Personal Branding and Social Media –Moderator: Mary Ann Pearson, California Baptist University
- Poster Session
- Resources for Dialogue and Engagement in Science and Faith –Moderator: Michael Everest, Westmont College
- Science, Faith, Engineering and Appropriate Technologies –Moderators: Anthony Donaldson, California Baptist University; Walter Bradley, Baylor University
- Science and Faith: History, Philosophy, and Theology –Moderator: Leslie Wickman, Azusa Pacific University
- Teaching Science and Faith in the Curriculum –Moderator: Steve Contakes, Westmont College
- Why Public Relations Matters Moderator: Sandra Romo, California Baptist University

Workshop Descriptions

FRIDAY, July 20, 2012, 8:30 AM–12:00 PM

WORKSHOP 1: Christianity and the Scientific Revolution

Ted Davis, Leader



This workshop consists of two lectures, profusely illustrated with slides, covering key aspects of Christianity and the Scientific Revolution of the sixteenth and seventeenth centuries. According to the traditional view, the Scientific Revolution involved profound secularization, as the new science challenged the old religion and drove it out of the center of European life and thought. Recent scholarship in the history of science has led to fundamental changes to this picture. Although modern science did challenge Christian beliefs at several points, we now realize more fully that religious beliefs and attitudes were instrumental to the construction of modern science. Davis reviews the main

components of the Scientific Revolution and relates each to specific aspects of Christianity, showing that religion and science interacted in fascinating ways during the Scientific Revolution. \$30

FRIDAY, July 20, 2012, 1:00 PM–4:30 PM

WORKSHOP 2: Coming Out Christian Online

Pamela Gay, Leader



Join this session for a frank discussion on the using the internet to effectively share your convictions. It is often joked that you can be anyone on the internet, and the truth is, any good internet communicator must develop a plan for who they want to be when they are online, and how they will use the overabundance of new and social media options to communicate their ideas and ideals. In this session we will discuss how you can develop your own communications strategy, the best

practices in using various types of content—from words, to images, to video—and how you can plug into existing communities and build your own.

As part of this discussion, we will consider the culture wars that are currently taking place within so many online communities, and discuss ways to realistically work as a tent maker online, and how to handle flame wars and religious bullying when (not if) you encounter it.

P.S. Lap tops and tech questions welcome. \$30

Field Trip Descriptions

FRIDAY, July 20

Balboa Park Museums and Gardens



Balboa Park, located just minutes from downtown San Diego, is the nation's largest urban cultural park. It is home to 14 museums, renowned performing arts venues, and many beautiful gardens. The stunning architecture and landscaping in the Park are mostly the legacy of two major expositions: the 1915–1916 Panama-California Exposition and the 1935–1936 California Pacific International Exposition. In addition to the gardens, your one-day pass entitles you to visit any four of the Park's museums, the most popular of which are the Reuben H. Fleet Science Center, the Air & Space Museum, the Automotive Museum, the Model Railroad Museum, the Natural History Museum, the Museum of Art, the Timken Art Museum, and the Museum of Man.

Bus leaves PLNU at 8:15 AM, returns at 5:00 PM.

Limit: 24, admission to 4 museums included, lunch on your own..... \$45

San Diego Zoo



The world famous San Diego Zoo is located in Balboa Park and is home to more than 4,000 exotic, rare, and endangered animals, including giant pandas from China, koalas from Australia, and Indochinese tigers. Among its many other attractions are the Children's Zoo, Skyfari, Polar Bear Plunge, Elephant Odyssey, and a botanical garden that contains more than 4,500 species of exotic plants.

Bus leaves PLNU at 8:15 AM, returns at 5:00 PM.

Limit: 23, admission included, lunch on your own..... \$58

Torrey Pines State Natural Reserve



Although Torrey Pines State Natural Reserve is located within San Diego city limits, it represents one of the wildest stretches of land on the Southern California coast. The reserve features 2,000 acres of land as they were before San Diego was developed—with the chaparral plant community; the rare and elegant Torrey pine trees; miles of unspoiled beaches; a lagoon that is vital to migrating seabirds; and steep cliffs, some of which reveal 45 millions of years of geological history. Boxed lunch included—to eat at the beach before going to the reserve.

Bus leaves PLNU at 10:30 AM, returns at 5:00 PM.

Limit: 21, admission, docent tour, and box lunch included..... \$40

USS Midway and Seaport Village



Commissioned a week after the end of World War II, the *USS Midway* embarked on an unprecedented 47-year odyssey that set new standards in naval aviation, blazed new trails as the Navy's first carrier that was home-ported abroad (Japan), and developed a "Midway Magic" aura of accomplishment and vigilance. More than 225,000 American sailors took part in this odyssey, which ended after the *USS Midway* served as the Persian Gulf flagship in Desert Storm (1990–1991). Decommissioned in 1992, the ship made its final voyage to San Diego, where it was converted into a floating museum that opened in 2004. Experience for yourself what it was like to be part of a "city at sea" through a self-guided audio tour that includes 60 exhibits, 25 aircraft, flight simulators, movies, climb-aboard aircraft, and more.

After your visit to the *USS Midway*, take a short stroll along the harbor to Seaport Village, where you can explore quaint shops and (usually) be entertained by street performers. **Bus leaves PLNU at 12:45 PM**, returns at 5:00 PM.

Limit: 27, admission included \$30

Cabrillo National Park



Cabrillo National Park occupies the highest, southernmost tip of the Point Loma peninsula and offers spectacular vantage points from which to view San Diego Bay, Coronado Island, the downtown city skyline, and the Pacific Ocean. Enjoy the exhibits and nature films at the Visitor Center, then go on a guided walking tour with a Park Ranger. See the Juan Rodriguez Cabrillo monument, the WWII Coastal Defense Exhibit, the Old Point Loma Lighthouse with its Keeper's Quarters, and the Kelp Forest/Whale-Watching Overlook. At 3:15 PM, take the bus down the western side of the hill to the Pacific Ocean for an hour of exploration at the Cabrillo tide pools.

Bus leaves PLNU at 1:00 PM, returns at 5:00 PM.

Limit: 21, admission, films, and docent tour included \$30

Saturday Panel

So You Have an Idea for a Movie: Process, Opportunities, Pitfalls, and Profound Stories

Moderator:

REBECCA VER STRATEN-MCSPARRAN

Rebecca is the director and a professor at the L.A. Film Studies Center, a program of the Council for Christian Colleges and Universities. She speaks at conferences and universities, leads spiritual retreats, and gave a Princeton lecture in January, to be published this summer. Last fall her article, "Andrei Tarkovsky: Holy Cinema," was published in the CIVA journal *SEEN*. Rebecca wrote a chapter in the book, *Reframing Theology and Film*, edited by Robert K. Johnston and worked with him on the revision of his book, *Reel Spirituality*. Currently she is working on a PhD in philosophical theology and film at Kings College London. She is on the Reel Spirituality Committee at Fuller Seminary and on the boards of City of the Angels Film Festival (past director). Rebecca created the Miracle Mile Art Walk, sponsored by L.A. County Museum of Art and Mid City WEST Community Council, and until recently was elected head of the arts council in that area of Los Angeles. She was a pastor for 14 years, developed arts ministries and urban ministries while a pastor, and planted a church for artists. Rebecca was president of the interfaith council for the Wilshire area of Los Angeles for four years. She received her Master of Divinity from Fuller Theological Seminary and BA in philosophy with Highest Honors from Bethel University.



Panelists:

DEAN BATALI

Dean worked as a writer on *That 70s Show* for seven years, serving as an executive producer for the show's final season. He wrote for the initial two seasons of *Buffy*, *The Vampire Slayer*, and has written for *Duckman*, *Hope and Gloria*, *The Half Hour News Hour*, and *The Adventures of Pete and Pete*. Recently, he was executive producer and showrunner for two seasons of the Family Channel's *What's Up, Warthogs*. Before coming to Los Angeles, Dean worked as an actor and playwright for Taproot Theatre Company in Seattle, Washington, and has written and produced numerous musical theater productions. He is a graduate of the Evergreen State College in Olympia, Washington, and lives in La Crescenta with his wife of 25 years, Beth, and two daughters, Erin and Katharine.



CHARLES B. SLOCUM

Chuck Slocum works as Assistant Executive Director at the Writers Guild of America (WGA), West, which represents screenwriters in Hollywood. He is credited with finding the solution to end both major writers' strikes in Hollywood, saving the Writer's Guild over \$200M. Slocum is currently pursuing a PhD at Fuller Theological Seminary in theology and culture. He previously received an MA in theology and the arts from Fuller, pursuing an incarnational view of film. He also holds an MBA in strategy from the Wharton School at the University of Pennsylvania and a BA in television and radio from the Newhouse School at Syracuse University. Prior to the guild, Slocum worked in finance at Paramount Pictures, as a game show judge for NBC Television, and in audience research at ABC Television.

CHRISTINA LEE STORM

Christina is an international independent producer who has collaborated with filmmakers from around the world predominately in Asia and the US. Her most recent producing credits include *The Least of These*, *To Save A Life*, and *Flesh: Bought & Sold in the US*, a documentary about the widely overlooked, yet widespread practice of human trafficking in the United States. Christina was Production Supervisor for the highly acclaimed, 2012 Oscar-winning film *The Artist*.

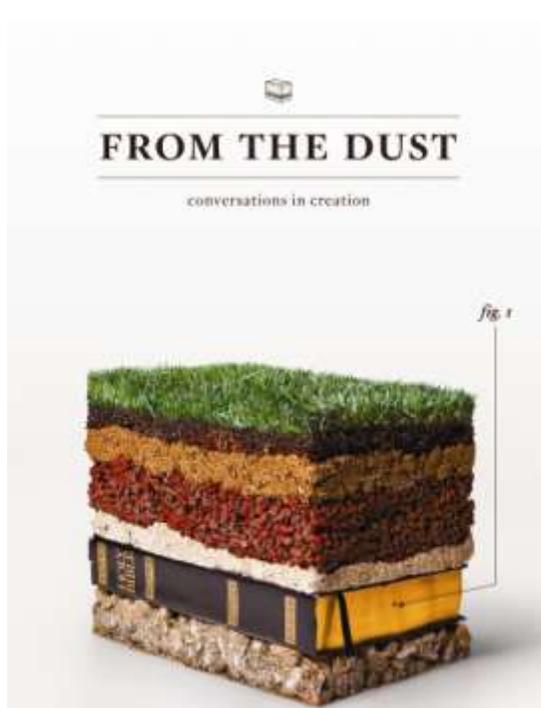


As VP of International Production at Hong Kong based film studio Milkyway Image, Christina helmed the development department working with local writers & directors and setting up co-productions. Christina's experience in visual effects working at Rhythm & Hues has allowed her to provide studio-wide production management support for films including *The Lion*, *The Witch*, and *The Wardrobe*, *Happy Feet*, *Garfield 2*, *Superman Returns*, *Night at the Museum*, *Evan Almighty* and most recently *Mr. Popper's Penguins*, *Big Miracle*, *Chronicle*, *Hunger Games*, *Snow White and the Huntsman*, *RIPD*, and *Life of Pi*. She is currently a Manager of Digital Production at Rhythm & Hues and works closely with visual effects producers and digital producers to schedule, staff, and build appropriate teams of digital artists for each in-house production.

Christina also has unique experience working in foreign sales, acquisitions, and distribution. As Overseas Manager with Hong Kong-based foreign sales company Golden Network Asia, she has worked with major buyers and studios selling films for all territories at various film markets including Cannes, the American Film Market and the Hong Kong Filmart.

Christina's passion lies in producing films with distinctly profound themes. An alumna of the Act One Writing Program and Advisor for the Executive Program, Christina is an active member of the Producers Guild of America and serves on its National Board of Directors.

Saturday Movie and Panel Discussion



From the Dust: Conversations in Creation is a new documentary film on science and Christian faith from Highway Media and the BioLogos Foundation. With fresh insight from some of the great theological minds of our day and a candid examination of the biblical creation narrative, *From the Dust* creates an unflinching context in which to interact with new ideas and ancient narrative. The film was crafted to frame the story of humankind's origins in a larger dialogue of how we read the scriptures, how we regard scientific discovery, and how a person's search for his or her place in the universe often leads down the narrow road of absolutes. Director Ryan Pettey and producer Dean Smith hope that *From the Dust* stirs a renewed vigor in the search for truth—both scientific and spiritual—and that fruitful conversation and spirited dialogue will result from viewing the film.

Panel

David Vosburg, moderator

Associate Professor of Chemistry at Harvey Mudd College in Claremont, California and consultant with BioLogos for use of *From the Dust* in campus ministry.

Kathryn Applegate, panelist

Program director at BioLogos, administrator of the Evolution & Christian Faith grants program, and computational cell biologist.

April Maskiewicz, panelist

Associate Professor of Biology at Point Loma Nazarene University and featured in *From the Dust*.

Dean Smith, panelist

Producer of *From the Dust* and pastor of The Highway Community in Palo Alto, California.

Sunday Worship

Reverend Mark Trotter

Mark Trotter was born in Hollywood, California, and attended public schools in Huntington Park and Alhambra, California. Upon earning his BA degree from Occidental College in 1955, he spent the next five years conducting seminary and graduate studies at Boston University School of Theology.



Rev. Trotter's Southern California preaching ministry in the United Methodist Church included appointments in Glendale (1960–1963), Sierra Madre (1963–1971), Anaheim (1971–1976), and finally, the First United Methodist Church of San Diego, where he served as Senior Minister for 24 years until his retirement in 2000. Shortly thereafter, he was appointed "Preacher in Residence" at the Episcopal Cathedral of St. Paul in San Diego, where he continues to serve in that capacity.

During his more than four decades of full-time ministry, Reverend Trotter served six times as a delegate to the quadrennial General Conference of the United Methodist Church, the governing body of the denomination. He was Chair of the Committee to Study a United Methodist Understanding of Baptism, which produced the official statement on baptism for the church, entitled *By Water and the Spirit*. Other major committee service included *The Book of Worship*, the National Plan for Hispanic Ministry and the Dialogue on Unity.

In addition to authoring three books (*Grace All The Way Home*, *You Haven't Seen Anything Yet*, and *What Are You Waiting For?*), Reverend Trotter has taught and preached widely at churches, universities, seminaries, convocations, and conferences throughout the nation. The city of San Diego has honored him by designating a "Mark Trotter Day," the San Diego Press Club has presented him its "Headliner Award," and US International University has awarded him an honorary doctor of letters degree.

Currently, Reverend Trotter is a director of the Parker Foundation, a trustee of Sharp Memorial Hospital and a member of the Advisory Committee for the Center for Ethics in Science and Technology. Past activities have included serving as the President of the San Diego Rotary Club, as Chair of the Board of Trustees of San Diego Hospice, and for 18 years, as a Trustee of the Claremont University School of Theology.

Reverend Trotter is married to the former Jean Coultas. They have four grown children and six grandchildren.

Registration

All registrations must be submitted online. Payment, however, may be made online or by mail. To register, go to www.asa3.org. If you are an ASA member, sign in to receive your member discount. Early registration rates apply through June 15, 2012. No refunds after June 30, 2012.

REGISTRATION: (per person)	Conference	One Day Only
ASA Member	<input type="checkbox"/> \$260	<input type="checkbox"/> \$110
Non-Member	<input type="checkbox"/> \$310	<input type="checkbox"/> \$135
Spouse/Family Member	<input type="checkbox"/> \$160	<input type="checkbox"/> \$ 55
Student Member	<input type="checkbox"/> \$ 0	<input type="checkbox"/> \$ 0
Student Non-Member	<input type="checkbox"/> \$ 20	<input type="checkbox"/> \$ 20
Social events only - Non-registrants	<input type="checkbox"/> \$ 55	

Please note:

- A change in registration such as lodging, meals, workshops or field trips may result in an additional \$75 fee. Please be sure you have carefully selected all your registration items to avoid these additional charges.
- If you wish to attend a workshop and go on a field trip, please be sure you have not overlapped your time.
- To make a change after your registration has been submitted, you will need to contact the ASA office by emailing marty@asa3.org for credit or cancellation of your original registration. Then you will receive instructions that tell you how to re-register.

Lodging and Meals on Campus

All lodging and meal packages are per person (PP). Two conference packages are available on a first-come, first-served basis: a 4-day package, Thursday through Sunday; and a 3-day package, Friday through Sunday. Each package includes lodging, linens, and three meals a day. Linens provided include one pillow, one pillowcase, two bed sheets, one blanket, one bath towel, one hand towel, and one wash cloth. The three meals begin with the evening meal through the next day's lunch, for example, lodging Thursday through Sunday includes twelve meals, beginning with Thursday dinner through Monday lunch.

If you wish to extend your stay through Monday night, limited lodging is available. Monday night lodging must be purchased separately (does not include meals or an additional set of linens).

Limited daily packages, which include linens and three meals, are available for individual nights.

We will be staying in Wiley Hall (four-bedroom, same gender units with a unit-style bathroom) and Flex Housing (two-bedroom apartments with two bathrooms, married couples only). These buildings have no AC or elevators. If you select a double occupancy room and do not have a roommate, we will do our best to match you with a roommate. However, if we can't or if the roommate you have chosen doesn't register, you will be charged for the single occupancy rate. Each resident will receive a lodging key and a meal card. Lost lodging keys are \$30; lost meal cards, \$10, payable immediately to PLNU.

Lodging check in begins at 2 pm; check out time is 10 am. Luggage may be brought to a room TBA.

Lodging Packages/PP	Flex: Married Couples Private Bath/Pricing is per person	Wiley: Single Occupancy Shared Bath	Wiley: Double Same Sex Shared Bath/ Pricing is per person
Thurs–Sun	\$322	\$342	\$282
Fri–Sun	\$247	\$262	\$217
Thurs	\$102	\$107	\$92
Fri	\$102	\$107	\$92
Sat	\$102	\$107	\$92
Sun	\$102	\$107	\$92
Mon	\$45	\$50	\$35

Campus Parking

Parking on campus is free, but you need to reserve a parking pass. They will be available at the PLNU residence halls and at the ASA registration table.

Off-Campus Lodging

Point Loma Nazarene University has a partnership with seven Bartell Hotels, which will give conference attendees 15% off the best available rate, breakfast each morning (up to two guests per day), and a welcome beverage. Go to www.plnupartnership.com or call 800-345-9995 and identify yourself as attending the ASA conference at PLNU to receive the discount.

Meal Package for Those Staying Off Campus

The meal package for off-campus participants includes six meals, Friday dinner through Monday lunch (no breakfasts) \$66

ASA Ride Board and Travel Information

ASA has a travel page with information about getting to campus and to help you find others for shared traveling, www.asa3.org/ASA/education/travel.htm