

# 2010 ASA Annual Meeting Schedule

Meeting rooms, dining hall, and atrium are located on the third floor in the Pryzbyla Center.  
Abstracts for each session are listed on the page numbers in parentheses.

Thursday, 29 July 2010	
3:00 PM–9:00 PM	Registration, Flather Hall
7:30 PM–9:00 PM	Private Tour of the new Smithsonian David H Koch Hall of Human Origins – <b>Rick Potts</b> , curator

Friday, 30 July 2010	
7:30 AM	Breakfast –All meals are in the Pryzbyla third-floor dining hall.
10:00 AM–9:00 PM	Registration, Flather Hall
8:30 AM–4:30 PM Workshops	I: A Short History of American Religion and Science – <b>Ted Davis</b> , Room 351 II: Scripture, Science, and Origins: An Overview – <b>Denis Lamoureux</b> , Room 327
9:45 AM	CUA Vitreous Lab Tour –meet at the Pryzbyla West Entrance
12:00 PM–1:00 PM	Lunch
12:00 PM	Meet at McMahon parking lot for the following field trips: NASA Goddard Space Flight Center – <b>Jennifer Wiseman</b> Great Falls Gorge and C&O Canal Boat Ride – <b>Kathy Arveson</b>
12:15 PM	Arboretum Tour – <b>Ann Marie Thro</b> , meet at the McMahon parking lot
12:30 PM	Tour of the Basilica Shrine – <b>Sr. Miriam MacLean</b> , meet at the Pryzbyla West Entrance
12:45 PM	ASA/ACG Tour of the Smithsonian National Museum of Natural History – <b>Ken VanDellen</b> Meet at the Pryzbyla West Entrance
2:45 PM	CUA Vitreous Lab Tour, meet at the Pryzbyla West Entrance
5:30 PM–6:45 PM	Dinner
7:00 PM	Welcome and Introductions, Great Hall 320B • <b>Randy Isaac</b> , ASA Executive Director • <b>Jennifer Wiseman</b> , ASA Executive Council President • <b>Susan Daniels</b> , Program Chair • <b>Paul Arveson</b> , Local Arrangements Chair
7:30 PM	<b>Plenary Session I</b> , Great Hall 320B Introduction: <b>Jennifer Wiseman</b> <b>Congressman Vernon Ehlers</b> , “A Higher Calling for Scientists: Stewardship, Governance, and Leadership” (26)
9:00 PM	Fellowship Mixer, Atrium

Saturday, 31 July 2010		
7:15 AM	Breakfast	Publications Breakfast Meeting – <b>Arie Leegwater</b> presiding
8:30 AM	Devotions: <b>Hal Poe</b> , Great Hall 320B	
9:00 AM	<b>Plenary Session II</b> , Great Hall 320B Introduction: <b>Susan Daniels</b> <b>Sara Joan Miles</b> , “From Limping to Walking” (26)	
10:00 AM	Refreshment Break, Atrium	

Saturday, 31 July 2010				
Parallel Session I	I-A. Health and Medicine —Great Hall 320A (6–8) Moderator: <b>Jimmy Lin</b>	I-B. Science and Technology Ethics —Great Hall 320B (8–10) Moderator: <b>Nancy Jones</b>	I-C. Energy —Great Hall 320C (11–13) Moderator: <b>Lynn Billman</b>	I-D. Science Education —Room 327 (13–15) Moderator: <b>Dennis Cheek</b>
10:15 AM	<b>Elizabeth Chmielewski</b> “A Biologist Serving in India”	<b>George L Murphy</b> “An Ethic of the Cross and Public Policy”	<b>Kenell J Touryan</b> “A Look at Emerging Global Markets in Renewable Energy and Energy Efficiency”	<b>Paula R Gossard</b> “Framing the Context: The Necessity of Nature of Science Instruction”
10:45 AM	<b>Mark A Strand</b> “Global Alcohol Consumption Patterns: Disease and Public Policy”	<b>James Peterson</b> “Our Changing Nature”	<b>Peter M J Hess</b> “Scientific, Ethical, and Policy Aspects of Affordable Oil”	<b>Terry M Gray</b> “Principled Pluralism: A Model for a Just and Religiously Sensitive Educational System and Its Application in Science Education”
11:15 AM	<b>Jay D Bernheisel</b> “Moral, Ethical, and Social Policy Considerations for Liver Transplantation and Two Alternatives for Patients with Primary Schlerosing Cholangitis”	<b>Brian V Johnstone</b> “The Fact/Value Dichotomy: Does the Philosophy of the Gift Offer a Solution?”	<b>Ruth Douglas Miller</b> “National Policies to Encourage Wind- and Solar-Generated Electricity”	<b>Jon Bailey</b> “Einstein’s Relativity and Biblical Theism: A Rhetorical-Pedagogical Synthesis”
11:45 AM	<b>Jimmy Lin</b> “An Introduction to a Systematic Theology of Medicine”	<b>Nancy L Jones</b> “Restoring Science to Its ‘Rightful Place’—Enlightenment or Scientism?”	<b>Benjamin G Lee</b> “Progress in Photovoltaics: Potential for Powering Prosperity?”	<b>Georgia Arbuckle-Keil</b> “Supporting Women Scientists via the NSF ADVANCE Program”
12:15 PM	Lunch		Women in ASA Luncheon	
1:30 PM	<b>Plenary Session III</b> , Great Hall 320B Introduction: <b>Lynn Billman</b> <b>Stanley Bull</b> , “Renewable Energy: A Walk through Time and into the Future” (26)			
2:30 PM	Refreshment Break, Atrium			
Parallel Session II	II–A. History of Science —Great Hall 320A (15–16) Moderator: <b>Ted Davis</b>	II–B. Science and Technology Ethics (cont’d) —Great Hall 320B (8–10) Moderator: <b>Nancy Jones</b>	II–C. Energy (cont’d) —Great Hall 320C (11–13) Moderator: <b>Lynn Billman</b>	II–D. Science Education (cont’d) —Room 327 (13–15) Moderator: <b>Dennis Cheek</b>
2:45 PM	<b>Christopher M Rios</b> “Complementarity: Its Past and Future”	<b>David C Daniels</b> “Calculating the Value of a Human Life”	<b>Jack C Swearengen</b> “Carbon-Free Ammonia for Farms”	<b>Soo Y Chang</b> “A Critique on the Idea of Vertical Integration within a Christian Perspective”
3:15 PM	<b>Jason M Rampelt</b> “The Details of Your Theology Matter in Your Science: A Case Study in Neuroscience”	<b>Jason E Summers</b> “Ethical Implications of Simulation-Based Training for Military Applications”	<b>Lynn Billman</b> “How Much Might We Get as Taxpayers from the Department of Energy’s Funding of Green Technologies”	<b>John R Staver</b> “Skepticism, Truth as Coherence, and Constructivist Epistemology: Grounds for Resolving the Discord between Science and Religion?”
3:45 PM	<b>II–E. Living as a Christian in the Workplace</b> —Great Hall 320A (16) <b>Robert Kaita</b> “The Challenges of Being a Christian in the Workplace”	<b>Roman J Miller</b> “Attachment and Bioethics: An Anabaptist Trans-Disciplinary Perspective”	<b>Paul T Arveson</b> “A Global Strategy for Fuel-Free Cooking”	<b>B Ashley Zauderer and Gladys V Kober</b> “High School Curriculum Development: Teaching Astronomy with Scientific Rigor and a Christian Worldview”
4:15 PM		<b>William P Cheshire</b> “Cognitive Enhancement Biotechnology, Public Policy, and the Purpose of Human Intelligence”	<b>II–F. Federal Agency Policy</b> —Great Hall 320C (17–18) Moderator: <b>Ann Marie Thro</b> <b>Susan A Daniels</b> “An Update on Federal Policy for Autism Spectrum Disorder Research”	<b>Thomas L Walters</b> “Science and Religion or Science and Theology? And What about Science and History?”

Saturday, 31 July 2010				
4:45 PM	Networking Event— ASA Café Topic: “The Challenges of Being a Christian in the Workplace”	<b>Rodney J Scott</b> “Stem Cells—Ethical Dilemmas after the Policies Have Been Written”	<b>Ann Marie Thro</b> “Update on the Federal Global Hunger and Food Security Initiative”	<b>Benjamin J McFarland</b> “The Chemicals Pour Forth Speech: Teaching Origins with a Biogeochemical Narrative”
5:15 PM	Respondent/Moderator: <b>Kamesh Sankaran</b>	<b>Arvin M Gouw</b> “The Stem Cell Debate: Insights from Theological Anthropology”	<b>Ward Sanford</b> “Deep Drilling of the Chesapeake Bay Impact Crater—Finding Order in the Chaos”	<b>II-G. Appropriate Technology</b> —Room 327 (18) Moderator: <b>Jaeyul Kwon</b>  <b>Chong-Min Kyung</b> “Journey of CFSE, A Group of Christian Scientists and Engineers in Korea”
5:45 PM	Dinner			
7:30 PM	Welcome to CUA, Great Hall 320B • <b>Larry Poos</b> , Dean of the School of Arts and Sciences, CUA			
7:45 PM	<b>Plenary Session IV</b> , Great Hall 320B Introduction: <b>Susan Daniels</b> <b>Francis Collins</b> , “Experiences of a Scientist-Christian in the Washington Fishbowl” (26)			
9:00 PM	Students and Early Career Scientists Coffee with <b>Francis Collins</b>			

Sunday, 1 August 2010			
7:30 AM	Breakfast		
9:00 AM	<b>Worship Service</b> , Great Hall 320B <b>Rev. Eunice McGarrahan</b>		
10:10 AM	<b>Plenary Session V</b> , Great Hall 320B Introduction: <b>Randy Isaac</b> <b>Richard Cizik</b> , “Evangelicals and Science: Overcoming Our Past” (26)		
<b>Parallel Session III</b>	<b>III–A. Health and Medicine</b> (cont’d) —Great Hall 320A (6–8) Moderator: <b>Jimmy Lin</b>	<b>III–B. Climate Change and Environmental Policy</b> —Great Hall 320B (18–20) Moderator: <b>Johnny Lin</b>	<b>III–C. Public Policy</b> —Great Hall 320C (20) Moderator: <b>Sy Garte</b>
11:15 AM	<b>Elisha R Injeti</b> “Immature Beta-Adrenergic Overactivity Can Cause Rage Behavior in Children”	<b>Mary H Korte</b> “Faith and Science in Environmental Policy-Making”	<b>William M Jordan</b> “Public Policy from the Inside: Direct Involvement”
11:45 AM	<b>Heather Prior</b> and <b>Heather Looy</b> “Faith and Fertility: Christians Making Personal Decisions about Reproductive Technology”	<b>Johnny Wei-Bing Lin</b> “On the Nature of Obedience to Biblical Commands Regarding Creation-Care”	<b>Robert Mann</b> “Faith and Reason in Presidential Context”
12:15 PM	Lunch	Fellows Luncheon	Students and Early Career Luncheon
1:30 PM	<b>Plenary Session VI</b> , Great Hall 320B Introduction: <b>David Leckrone</b> <b>Jennifer Wiseman</b> , “Seeking Other Earths: Exoplanets and the Significance of Life” (26)		
2:30 PM	Refreshment Break, Atrium		
2:30 PM	<b>Poster Session</b> , Atrium (21–22) ♦ <b>Hank D Bestman</b> and <b>Jordyn B Brandsma</b> , “Systems Biology: A Sampling of Research Approaches and in Silico Tools” ♦ <b>David S Hollman</b> , “The Benzene–OH Potential Energy Surface” ♦ <b>Anding Shen</b> , “Human Resting CD4+ T Cells Co-Cultured with Endothelial Cells Are Permissible for HIV-1 Infection without Signs of Activation”		

Sunday, 1 August 2010				
Parallel Session IV	IV–A. History of Science (cont'd) –Great Hall 320A (15–16) Moderator: <b>Sara Miles</b>	IV–B. Climate Change and Environmental Policy (cont'd) –Great Hall 320B (18–20) Moderator: <b>Johnny Lin</b>	IV–C. Space Policy –Great Hall 320C (20–21) Moderator: <b>David Leckrone</b>	
3:00 PM	<b>Ted Davis</b> “Darwin and Religion: Rumors of Warfare in a Post-Darwinian Age”	3:00 PM	<b>Jim Ball</b> “Climate and Energy Policy Today and How Christians Can Be Sustained for the Long Haul”	<b>David S Leckrone</b> “The Human Impulse to Explore: Is There a Spiritual Component?”
3:45 PM	<b>Denis O Lamoureux</b> “Darwinian Theological Insights: Toward an Intellectually Fulfilled Theism”	3:30 PM	<b>Keith B Miller</b> “The Nature of Science and the Public Debate over Anthropogenic Global Warming”	<b>Kamesh Sankaran</b> “Examining the Metaphysical and Ideological Views in Space Policy Debates”
		4:00 PM	<b>David C Campbell</b> “Biogeography and Environmental Stewardship”	<b>Mark Shelhamer</b> “Our Place in God's Universe: Perspectives from Human Space Flight”
4:30 PM	Discussion	4:30 PM	<b>Jennifer K Hellmann</b> “Evaluating Macroinvertebrate Communities at the Nexus of Limestone and Freestone Streams”	<b>Steven L Ball</b> “The Origin of the Moon and the Origin of Humanity: An Analogy”
5:00 PM	Dinner			
6:15 PM	<b>ASA Business Meeting</b> , Great Hall 320B (29)			
7:30 PM	<b>Special Guest Speaker</b> , Great Hall 320B Introduction: <b>Randy Isaac</b> <b>Rick Potts</b> , “Challenges to Understanding Human Evolution in a Religious Context” (25–26)			
8:30 PM	InterVarsity People –hosted by <b>Terry Morrison</b> , Atrium			

Monday, 2 August 2010				
7:30 AM	Breakfast			
8:30 AM	Devotions, Great Hall 320B			
General Sessions	I. Systems Biology –Great Hall 320A (22–23) Moderator: <b>Hank Bestman</b>	II. Science Education and Law –Great Hall 320B (23–24) Moderator: <b>Ted Davis</b>	III. Theology –Great Hall 320C (24–25) Moderator: <b>Bethany Sollereeder</b>	
9:00 AM	<b>Harry Cook</b> “Cellular Complexity: The Cytoplasm Strikes Back”	9:00 AM	<b>Ted Davis</b> “Intelligent Design on Trial”	9:00 AM <b>Bethany N Sollereeder</b> “Evolution, the Good Creation, and the Problem of Evil”
9:30 AM	<b>Hank D Bestman</b> “Post-Genomic Biology: From Molecular to Systems?”	9:45 AM	<b>Casey Luskin</b> , Respondent	9:30 AM <b>John C Munday</b> “Scriptural Modes of Creation Revisited”
10:00 AM	<b>Jordyn B Brandsma</b> “Systems Biology and the Definition of Emergence”	10:05 AM	<b>Samuel Chen</b> “Evolving Beyond Lemon: The Use of the Lemon Test in Origin of Life Case Law”	10:00 AM <b>Paul H Seely</b> “Ramm's <i>The Christian View of Science and Scripture</i> Revisited”
10:30 AM	Discussion	10:30 AM	Q & A	10:30 AM <b>Dick Fischer</b> “The Tower of Babel: A Confusing Incident Made Less Confusing”
11:00 AM				11:00 AM <b>John A Bloom</b> “Is There Science in the Bible?”
11:30 AM	Lunch			
2:00 PM	Check out closes, Flather Hall			