

# 2010 Tentative Schedule

as of 6/17/10, subject to MAJOR revisions

All sessions will be held 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	
7:00 AM	Breakfast –All meals are in the Pryzbyla third-floor dining hall.
8:15 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
10:00 AM	CUA Vitreous Lab Tour
12:00 PM–1:00 PM	Lunch
12:15 PM	NASA Goddard Space Flight Center – <b>Jennifer Wiseman</b> Great Falls Gorge and C&O Canal Boat Ride Arboretum Tour – <b>Ann Marie Thro</b>
12:45 PM	Tour of the Basilica Shrine, meet at Pryzbyla Entrance
1:00 PM	ASA/ACG Tour of the Smithsonian National Museum of Natural History – <b>Ken VanDellen</b> , meet at Pryzbyla entrance
3:00 PM	CUA Vitreous Lab Tour
5:30 PM–6:45 PM	Dinner
7:00 PM–7:30 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 • <b>Larry Poos</b> , Dean of the School of Arts and Sciences, CUA
7:30 PM	<b>Plenary Session I</b> , Great Hall 320B <b>Congressman Vernon Ehlers</b>
9:00 PM	Fellowship Mixer, Atrium

Saturday, 31 July 2010		
7:30 AM	Breakfast	Publications Breakfast Meeting – <b>Arie Leegwater</b> presiding
8:30 AM	Devotions, Great Hall 320B	
9:00 AM	<b>Plenary Session II</b> , Great Hall 320B Introduction: <b>Nancy Jones</b> <b>Sara Joan Miles</b> , "From Limping to Walking"	
10:00 AM	Refreshment Break, Atrium	

Saturday, 31 July 2010				
Parallel Session I	I-A. Health and Medicine —Great Hall 320A Moderator: <b>Jimmy Lin</b>	I-B. Science and Technology Ethics —Great Hall 320B Moderator: <b>Nancy Jones</b>	I-C. Energy —Great Hall 320C Moderator: <b>Lynn Billman</b>	I-D. Science Education —Room 327 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”			
2:30 PM	Refreshment Break, Atrium			
Parallel Session II	II–A. History of Science —Great Hall 320A Moderator: <b>Ted Davis</b>	II–B. Science and Technology Ethics (cont’d) —Great Hall 320B Moderator: <b>Nancy Jones</b>	II–C. Energy (cont’d) —Great Hall 320C Moderator: <b>Lynn Billman</b>	II–D. Science Education (cont’d) —Room 327 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 Moderator: <b>TBA</b>	<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>Robert Kaita</b> “The Challenges of Being a Christian in the Workplace”	<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 Moderator: <b>Ann Marie Thro</b> NIH –TBA	<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	Discussion	<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		<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  <b>Chong-Min Kyung</b> "Journey of CFSE, A Group of Christian Scientists and Engineers in Korea"
5:45 PM	Dinner			
7:30 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"			
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>TBA</b> <b>Richard Cizik</b>		
<b>Parallel Session III</b>	<b>III–A. Health and Medicine</b> (cont'd) —Great Hall 320A Moderator: <b>Jimmy Lin</b>	<b>III–B. Climate Change and Environmental Policy</b> —Great Hall 320B Moderator: <b>Johnny Lin</b>	<b>III–C. Public Policy</b> —Great Hall 320C Moderator: <b>TBA</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 and 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>		
2:30 PM <b>Poster Session</b>	Refreshment Break/Poster Session —Atrium ♦ <b>Jacob J Baker</b> , "Kremen Regulation of the Wnt/B-Catenin Signaling Pathway" ♦ <b>Hank D Bestman and 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"		
<b>Parallel Session IV</b>	<b>IV–A. History of Science</b> (cont'd) —Great Hall 320A Moderator: <b>Sara Miles</b>	<b>IV–B. Climate Change and Environmental Policy</b> (cont'd) —Great Hall 320B Moderator: <b>Johnny Lin</b>	<b>IV–C. Space Policy</b> —Great Hall 320C Moderator: <b>David Leckrone</b>

Sunday, 1 August 2010				
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> , TBA	<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	ASA Business Meeting, Great Hall 320B			
7:30 PM	Special Guest Speaker: <b>Rick Potts</b> , "Challenges to Understanding Human Evolution in a Religious Context" Introduction: <b>Randy Isaac</b>			
8:30 PM	InterVarsity People –Terry Morrison, Atrium			

Monday, 2 August 2010					
7:30 AM	Breakfast				
8:30 AM	Devotions, Great Hall 320B				
<b>General Sessions</b>	<b>I. Systems Biology</b> —Great Hall 320A Moderator: <b>Hank Bestman</b>	<b>II. Science Education and Law</b> —Great Hall 320B Moderator: <b>Ted Davis</b>		<b>III. Theology</b> —Great Hall 320C 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				