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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00 PM–9:00 PM</td>
<td>Registration, Flather Hall</td>
</tr>
<tr>
<td>7:30 PM–9:00 PM</td>
<td>Private Tour of the new Smithsonian David H Koch Hall of Human Origins –Rick Potts, curator</td>
</tr>
</tbody>
</table>

### Friday, 30 July 2010

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

### Saturday, 31 July 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:15 AM</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Devotions: Hal Poe, Great Hall 320B</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Plenary Session II, Great Hall 320B</td>
</tr>
<tr>
<td></td>
<td>Introduction: Susan Daniels</td>
</tr>
<tr>
<td></td>
<td>Sara Joan Miles, “From Limping to Walking”                            (26)</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Refreshment Break, Atrium</td>
</tr>
</tbody>
</table>
| Parallel Session I | I-A. Health and Medicine  
–Great Hall 320A  
(6–8)  
Moderator: Jimmy Lin | I-B. Science and Technology Ethics  
–Great Hall 320B  
(8–10)  
Moderator: Nancy Jones | I-C. Energy  
–Great Hall 320C  
(11–13)  
Moderator: Lynn Billman | I-D. Science Education  
–Room 327  
(13–15)  
Moderator: Dennis Cheek |
| --- | --- | --- | --- |
| 10:15 AM | Elizabeth Chmielewski  
"A Biologist Serving in India"  
10:45 AM | Mark A Strand  
"Global Alcohol Consumption Patterns: Disease and Public Policy"  
11:15 AM | Jay D Bernheisel  
"Moral, Ethical, and Social Policy Considerations for Liver Transplantation and Two Alternatives for Patients with Primary Sclerosing Cholangitis"  
11:45 AM | Jimmy Lin  
"An Introduction to a Systematic Theology of Medicine"  
12:15 PM | Lunch  
Women in ASA Luncheon |
| 2:30 PM | Refreshment Break, Atrium |
| Parallel Session II | II-A. History of Science  
–Great Hall 320A  
(15–16)  
Moderator: Ted Davis | II-B. Science and Technology Ethics (cont’d)  
–Great Hall 320B  
(8–10)  
Moderator: Nancy Jones | II-C. Energy (cont’d)  
–Great Hall 320C  
(11–13)  
Moderator: Lynn Billman | II-D. Science Education (cont’d)  
–Room 327  
(13–15)  
Moderator: Dennis Cheek |
| 2:45 PM | Christopher M Rios  
"Complementarity: Its Past and Future"  
2:55 PM | Jason M Rampelt  
"The Details of Your Theology Matter in Your Science: A Case Study in Neuroscience"  
3:15 PM | Roman J Miller  
"Attachment and Bioethics: An Anabaptist Trans-Disciplinary Perspective"  
3:45 PM | William P Cheshire  
"Cognitive Enhancement Biotechnology, Public Policy, and the Purpose of Human Intelligence"  
4:15 PM |
| 3:15 PM | Jason E Summers  
"Ethical Implications of Simulation-Based Training for Military Applications"  
3:45 PM | Paul T Arveson  
"A Global Strategy for Fuel-Free Cooking"  
4:15 PM | B Ashley Zauderer and Gladys V Kober  
"High School Curriculum Development: Teaching Astronomy with Scientific Rigor and a Christian Worldview"  
4:15 PM | Thomas L Walters  
"Science and Religion or Science and Theology? And What about Science and History?"

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The Catholic University of America, Washington, DC
### Saturday, 31 July 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 4:45 PM| Networking Event—ASA Café  
  Topic: “The Challenges of Being a Christian in the Workplace”  
  Respondent/Moderator: Kamesh Sankaran |
| 5:15 PM| Rodney J Scott  
  “Stem Cells—Ethical Dilemmas after the Policies Have Been Written”  
  Ward Sanford  
  “Deep Drilling of the Chesapeake Bay Impact Crater—Finding Order in the Chaos”  
  II-G. Appropriate Technology  
  –Room 327 (18)  
  Moderator: Jaeyul Kwon |
| 5:45 PM| Dinner |
| 7:30 PM| Welcome to CUA, Great Hall 320B  
  • Larry Poos, Dean of the School of Arts and Sciences, CUA |
| 7:45 PM| Plenary Session IV, Great Hall 320B  
  Introduction: Susan Daniels  
  Francis Collins, “Experiences of a Scientist-Christian in the Washington Fishbowl” |
| 9:00 PM| Students and Early Career Scientists Coffee with Francis Collins |

### Sunday, 1 August 2010

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

<table>
<thead>
<tr>
<th>Parallel Session IV</th>
<th>IV–A. History of Science (cont’d)</th>
<th>IV–B. Climate Change and Environmental Policy (cont’d)</th>
<th>IV–C. Space Policy</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Great Hall 320A (15–16)</td>
<td>Great Hall 320B (18–20)</td>
<td>Great Hall 320C (20–21)</td>
</tr>
<tr>
<td></td>
<td>Moderator: Sara Miles</td>
<td>Moderator: Johnny Lin</td>
<td>Moderator: David Leckrone</td>
</tr>
</tbody>
</table>

#### Session IV

**3:00 PM**

**Ted Davis**

“Darwin and Religion: Rumors of Warfare in a Post-Darwinian Age”

**Jim Ball**

“Climate and Energy Policy Today and How Christians Can Be Sustained for the Long Haul”

**David S Leckrone**

“The Human Impulse to Explore: Is There a Spiritual Component?”

**3:45 PM**

**Denis O Lamoureux**

“Darwinian Theological Insights: Toward an Intellectually Fulfilled Theism”

**Keith B Miller**

“The Nature of Science and the Public Debate over Anthropogenic Global Warming”

**Kamesh Sankaran**

“Examining the Metaphysical and Ideological Views in Space Policy Debates”

#### Discussion

**Jennifer K Hellmann**

“Evaluating Macroinvertebrate Communities at the Nexus of Limestone and Freestone Streams”

**Steven L Ball**

“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 (29)

**7:30 PM**

**Special Guest Speaker**, Great Hall 320B

Introduction: **Randy Isaac**

**Rick Potts**, “Challenges to Understanding Human Evolution in a Religious Context” (25–26)

**8:30 PM**

Intervarsity People –hosted by **Terry Morrison**, Atrium

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### Monday, 2 August 2010

<table>
<thead>
<tr>
<th>General Sessions</th>
<th>I. Systems Biology</th>
<th>II. Science Education and Law</th>
<th>III. Theology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Great Hall 320A</td>
<td>Great Hall 320B</td>
<td>Great Hall 320C</td>
</tr>
<tr>
<td></td>
<td>(22–23)</td>
<td>(23–24)</td>
<td>(24–25)</td>
</tr>
<tr>
<td></td>
<td>Moderator: <strong>Hank Bestman</strong></td>
<td>Moderator: <strong>Ted Davis</strong></td>
<td>Moderator: <strong>Bethany Sollereder</strong></td>
</tr>
</tbody>
</table>

#### General Sessions

**9:00 AM**

**Harry Cook**

“Cellular Complexity: The Cytoplasm Strikes Back”

**Ted Davis**

“Intelligent Design on Trial”

**Bethany N Sollereder**

“Evolution, the Good Creation, and the Problem of Evil”

**9:30 AM**

**Hank D Bestman**

“Post-Genomic Biology: From Molecular to Systems?”

**Casey Luskin, Respondent**

**John C Munday**

“Scriptural Modes of Creation Revisited”

**10:00 AM**

**Jordyn B Brandsma**

“Systems Biology and the Definition of Emergence”

**Samuel Chen**

“Evolving Beyond Lemon: The Use of the Lemon Test in Origin of Life Case Law”

**Paul H Seely**

“Ramm’s The Christian View of Science and Scripture Revisited”

**10:30 AM**

Discussion

**Q & A**

**10:30 AM**

**Dick Fischer**

“The Tower of Babel: A Confusing Incident Made Less Confusing”

**11:00 AM**

**John A Bloom**

“Is There Science in the Bible?”

**11:30 AM**

**Lunch**

**2:00 PM**

Check out closes, Flather Hall