

Tentative

2008 ASA/CSCA Annual Meeting Schedule

8:00 AM Premeeting Workshop: Teaching About the Origins Debate in Churches and Schools
 Ted Davis, Limit 20 ASA Members, \$50 fee includes lunch

Friday 1 August 2008	
5:30-6:30	Supper
6:45-7:00	Welcome <ul style="list-style-type: none"> Patrick Allen, George Fox University, Provost John Van Zytveld and Arnold Sikkema, Program Co-chairs Mike Everest, Local Arrangements Chair
7:00-8:00 Plenary I	Tom Headland , "An Exile in Babylon: The Personal Story of a Christian Anthropologist in the Secular Academy" Moderated by John Van Zytveld
8:15	Fellowship Mixer

Saturday 2 August 2008			
7:00-7:45	Breakfast	Publications Breakfast	
8:00-8:20	Devotions –Donald Munro		
8:20-8:30	Announcements		
8:30-9:30 Plenary II	Douglas Diekema , “Love, Justice, and Humility: Reflections on Bioethics and Medicine” Moderated by John Van Zytveld		
9:30-10:00	Break		
10:00-12:00 Parallel Session I	I-A. Human Gender, Sexuality and Sex <i>Track A: Gender Issues in the Sciences</i>	I-B. Ecology, Environmental Studies, and Global Warming	
10:00-10:30	Jennifer Wiseman, “Women Looking Up: Uplifting Women Who Study the Heavens and the Earth”	David Clements, “Conservation Science, Doing Right and Walking Humbly: An <i>A Rocha</i> Perspective”	
10:30-11:00	Carolyn Anderson, “Perspectives on Gender Issues within the Chemical Sciences”	Angela Kantola, “Loving One Another: Collaborating to Recover Endangered Fishes and Manage Water in the Upper Colorado River Basin”	
11:00-11:30	James Rusthoven, “Gender Shifts and Influences on the Culture of Physician Practice”	Walter Partenheimer, “The Greening of PET (Plastics) Manufacture”	
11:30-12:00	Gwen Schmidt, “Traditional and ‘Biblical’ Views of Women Prevent Them from Becoming Scientists”	Jack Swearengen, “Anything But Trains? A Comparative Analysis of Alternatives Proposed for the Sonoma-Marín Area Rail Transit Project”	
12:00-1:00	Lunch	Women in Science Luncheon	

Saturday 2 August 2008			
1:00-3:00 Parallel Session II	II-A. Human Gender, Sexuality and Sex Track B: <i>What the Sciences Tell Us About Gender and Sexuality</i>	II-B. Ecology, Environmental Studies, and Global Warming	
1:00-1:30	Judy Toronchuk, “Gendered Brains: Women, Men and Science”	Brian Medema, Daniel VandenAkker, “Calvin College Carbon Emissions Footprint”	
1:30-2:00	Hessel Bouma III, “Neither Male nor Female, God Created Them: Issues in Intersexuality”	Jennifer Driesenga, Dan Engel, “Calvin College Carbon Neutrality”	
2:00-2:30	Heather Looy, “Sexisms and Phobias: Emotional Valence of Sexual Variations”	Christine Prins, “The First Steps to Sustainability: Characterizing the Plant Communities, Assessing the Rate of Carbon Sequestration, and Building a Model to Apply to a Projection into Future Sustainability	
2:30-3:00	Panel discussion with speakers and audience		
3:00-3:30	Break	Posters should be hung up by the end of this break period, and remain up through Sunday	
3:30-5:30 Parallel Session III	III-A. Social Sciences, Anthropology, and Issues of Faith	III-B. The Natural Sciences and Issues of Faith	III-C. Students Early Career Scientists Symposium
3:30-4:00	Lisa McMinn, “Walking Justly and Doing Mercy: Teaching That Moves beyond Ideas toward Action”	William Collier, “A Visual Roadmap to the Definition of Science and Its Relationship to Christianity”	Organized by Gwen Schmidt and Susan Daniels
4:00-4:30	Matthew Stanford, “Demon or Disorder: Perceptions of Serious Mental Illness in the Local Church”	George Murphy, “Theology and Time Machines”	
4:30-5:00	Judith Toronchuk, “Becoming Human: Phylogeny and Ontogeny of Affective Social Behaviour”	Gary Patterson, “An Evangelical Natural Theology”	
5:00-5:30		Benjamin McFarland, “Designing Proteins: The Creative Potential of Enthalpy and Entropy”	
5:45-7:00	Banquet		
7:00-8:00	ASA Business Meetings		
8:00-9:00 Plenary III	Larry Schweiger , “A Proper Human Response to Global Change” Moderated by John Van Zytveld		
9:00-??	Ice Cream Social for Everyone	Students and early career scientists are invited to take their ice cream and gather with Gwen Schmidt and Susan Daniels.	

Sunday 3 August 2008			
7:30-8:30	Breakfast		
8:30-9:30 Plenary IV	Jennifer Wiseman , "Our Magnificent Universe: Serving God by Exploring the Cosmos" Moderated by Arnold Sikkema		
9:45-10:45	Worship Service John Mahaffy, minister of the Trinity Presbyterian Church, Newberg, OR		
10:45-12:00	Poster Session		
12:00-1:00	Lunch	Students and Early Career Scientists Luncheon	Fellows Luncheon
1:00-3:00 Parallel Session IV	IV-A. Alternative Energy Sources and Their Impact; Engineering and Appropriate Technology	IV-B. Medicine, Global Infectious Disease, and World Health	IV-C. Science Teaching - Methods and Expectations
1:00-1:30	Tjalle Vandergraaf, " 'From Each According to his Ability; to Each According to his Needs': Karl Marx's Dictum as Applied to Energy Supply and Consumption in a North American Context"	Kathleen Thiessen, "Water Fluoridation in the 21 st Century: Doing Justly in Public Health"	Leslie Wickman, "Faith Integration in the Science Classroom"
1:30-2:00	Chip Mansure, "Geothermal Energy Update: The Solution, a Contributor, a Diversion, or Part of the Problem?"	Jay Hollman, "Ethical Issues in Health Care Reform"	John Bloom, "Should Intelligent Design be Taught in Public Schools?"
2:00-2:30	Annabelle Pratt, "Mitigating the Growth of the Internet's Energy Use through Improved Power Distribution"	Anne Carpenter, "Extracting Information from Images to Tackle Basic Biological Questions and World Health Problems"	Brian Greuel, "Encouraging Excellence and Building Community in the Undergraduate Research Lab"
2:30-3:00	Lynn Billman, "When All Things Can Be Made New"	Jim Smith, "Teach Your Way to the Nations with Medical Education International?"	Thomas Robey, "Weblogs as Foundations for Discussions about Science and Christianity"
3:00-3:30	Break		
3:30-6:00 Parallel Session	V-A. Sustainable Agriculture and World Hunger	V-B. The Natural Sciences and Issues of Faith	
3:30-4:00	Martin Price, "Using Science and Technology to Help Subsistence Farmers in Developing Countries"	Edward Davis, "Robert Andrews Millikan (1868-1953): His Religious Life and Thought"	
4:00-4:30	Carl Resler, "Fertilizing the Ocean with Artificial Upwelling"	Mark Shelhamer, "Divine Action, Sensory Illusions, and Randomness"	
4:30-5:00	David Dornbos, "Comparison of Developed Country Sustainable Agriculture with Subsistence Systems of Cambodia: Which Technologies to Transfer?"	David Newman, "How Do We Correct the Public Perception of Conflict between Scientific and Spiritual Reality?"	
5:00-5:30	Ronald Vos, "New Hope for Africa"	Kirk Bertsche, "A Survey of Modern Radiocarbon Dating"	
5:30-6:00		Paul Seely, "Why Did God Create the Sun on the Fourth Day?"	
6:00-7:30	Dinner		
7:30-8:30 Plenary V	C. Dean Freudenberger , "Regenerative Design For Sustainable Agriculture: An Unprecedented Challenge" Moderated by Arnold Sikkema		

Monday 4 August 2008			
7:00-8:00	Breakfast		
8:00-8:20	Devotions –John A. Bloom		
8:30-9:30 Plenary VI	W. Kent Fuchs , “Engineering as Service” Moderated by Arnold Sikkema		
9:30-10:00	Break		
10:00-12:00 Parallel Session VI	VI-A. Alternative Energy Sources and Their Impact; Engineering and Appropriate Technology	VI-B. Scientific and Theological Contributions to Cosmic History and the History of Life	VI-C. Ethical Issues in Science and Engineering
10:00-10:30	Leonard Bond, “Sustainability and an Energy System Approach”	Philip Marston, “Humility, James Clerk Maxwell’s Perspective on Creation, and the Reaction of His Peers”	David Opderbeck, “Deconstructing Jefferson’s Candle: Towards A Critical Realist, Environmental Virtue Ethics Approach to Information Policy”
10:30-11:00	Ruth Douglas Miller, “Wind Turbines for K-12 Education”	Robert Mann, “The Puzzle of Existence: A New Question for Science and Theology”	William Jordan, “The Calling of the Christian Engineer”
11:00-11:30	Keith Miller, “Geologic Record of Global Climate Change: Context for Modern Global Warming”	Carlos Pinkham, “Nine Phenomena that Recur throughout Cosmological, Abiological, and Biological Evolution”	Kenneth Funk II, “Technological Distraction”
11:30-12:00	Joseph Sheldon, “Reducing Your Footprint: Build Right, Build Green”	Denis Lamoureux, “Evolutionary Creation: A Christian Approach to Evolution”	James Rusthoven, “A Covenantal Model for Understanding the Patient- Supporter Relationship in the Clinical Encounter”
12:15	Goodbye and Lunch		

Posters (alphabetical by last name of first author)

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| David Campbell | – “Biogeography-Implications for Evolution and Conservation” |
| Kenneth Carter, Jr | – “Forgetful Hearers to Blessed Doers: Does One Size Fit Most in Inculcating Academic Virtue?” |
| Hui-Yiing Chang, | – “The Intimate Connection between Physics and Theology” |
| William Collier | – “Teaching the Philosophy and History of Science to Graduate Science Students in a Secular European University – Rehabilitating the Image of Christianity and Science in a Secular Environment” |
| Dick Fischer | – “Moderate Theology” |
| Dick Fischer | – “Historical Adam” |
| Brian Horridge | – “Science in the Sanctuary: The Need for Science Education in the Church” |
| Paul Lange | – “A Medical Science, Faith, and Ethics Practicum” |
| Joseph Lechner | – “What Do We Mean When We Say ‘God Created’?” |
| Ian Douglas Miller | – “Alternative Fuels for Cars” |
| Thomas Pearson | – “Science as ‘Godly Vocation’: A Virtue Ethics Model” |
| Sara Top | – “Corn Rootworm Emergence Trials, 2006 and 2007” |
| Donald Williams | – “Community Service Projects: Doorways for Student Self-Discovery and Service” |

**Field Trips
for the
George Fox University Meeting
Friday, August 1, 2008**

All field trips leave from the Wood-Mar Hall parking lot at 8:30 AM with the exception of those going to Mt St Helens which will leave at 8:00 AM

Friday, August 1

1. Mount St Helens

Visit several sites that show the various phases of the 1980 eruption and its aftermath. There will be a limited amount of walking. Box lunch and admission to Johnston Ridge Visitor Center included.

Limit: 45

Cost: \$60

2. Birding near Tillamook

Add some birds to your life list. View rustic scenery of the Pacific Northwest Coast, and wrap up the trip by enjoying ice cream at the Tillamook Creamery. Spotting scopes will be provided, bring your own binoculars if you wish. Bring money for ice cream, box lunch is included.

Limit: 10

Cost: \$40

3. Geology of the Columbia Gorge

Explore volcanic evolution of Columbia River Gorge through examination of the rocks and features that make up this cross section of the Cascade Range. Stops will include Mt Tabor, Rocky Butte, Crown Point, Latourelle and Multnomah Falls, Stravation Creek, Hood River, Panorama Point, Meyer State Park, The Dalles, Wind Mountain, Beacon Rock, Cape Horn and the evidence of the Bretz floods along the entire route. Handouts and bottled water will be provided. Bring sturdy walking shoes, wind breakers, hat, field clothes, and personal first aid supplies. Box lunch included.

Limit: 20

Cost: \$40

4. Evergreen Air Museum

Evergreen Aviation and Space Museum houses the Spruce Goose, a Lockheed Blackbird, and a model of the flying machine of Leonardo da Vinci as well as a replica of the Wright brothers' flyer. A guided tour of the air museum, exploring the space museum, watching an Omnimax film, having a snack at the Café or tasting wine from grapes grown around the museum. Bring money for snack, lunch, and optional wine tasting.

Limit: 10

Cost: \$50

5. Energy at Oregon State University

Visit two fascinating engineering research labs at OSU in beautiful Corvallis, about an hour's drive south of George Fox University. In the morning we will visit the nation's only university ocean wave energy extraction research program funded from federal resources, led by Dr. Annette von Jouanne. This will be followed by a lunch on campus, giving us a chance to mingle with the students as school will still be in session at OSU. In the afternoon we will visit the Nuclear Engineering and Radiation Health Physics Department, headed by Dr. José Reyes, one of the top rated programs of its kind in the United States. Box lunch included.

Limit: 20

Cost: \$40

6. Oregon Trail History and Mt Hood

The Willamette Valley was the destination for many Oregon Trail pioneers. The tour will include a visit to Champoeg State Park, the first "government site" of the Oregon territories; Oregon City, the "end of the Oregon Trail" and the retirement home of John McLoughlin; Fort Vancouver National Park, built in 1825 by John McLoughlin, "Father of Oregon"; and possibly Mt Hood, tallest mountain in Oregon at 11,235 feet, and its Timberline Lodge built by the WPA in 1935/6. Box lunch and admission to parks and museums included.

Limit: 10

Cost: \$55

Saturday, August 2

7. Outing around Newberg

Taste a variety of locally roasted coffees. Then on to a nursery that specializes in heirloom roses where we will learn about the roses and eat our box lunch. We end with a tour through the Hoover-Minthorne House where Herbert Hoover spent some time as a young man. Box lunch, museum admission and coffee tasting included.

Limit: 10

Cost: \$56