



**ADLER**  
PLANETARIUM

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# Adler Planetarium Celebrates **Clergy Contributions to Science**

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Tuesday, February 18 / 10 a.m. – 5 p.m.

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The Adler Planetarium – America’s First Planetarium – was founded in 1930 by Chicago business leader Max Adler. A recognized leader in public learning, the Adler inspires young people – particularly women and minorities – to pursue careers in science, technology, engineering and math. Scientists, historians and educators at the museum inspire the next generation of explorers. Learn more at [www.adlerplanetarium.org](http://www.adlerplanetarium.org).

This event is in conjunction with 2014 Evolution Weekend of the Clergy Letter Project, an endeavor designed to demonstrate that religion and science can be compatible and to elevate the quality of the debate of this issue. Learn more at [theclergyletterproject.org](http://theclergyletterproject.org).

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# Event Schedule\*

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**9:30 a.m. - 10 a.m.** Participants arrive at Main Box Office

**10 a.m. - 11 a.m.** Grace Wolf-Chase (Adler Planetarium) leads participants on Adler tour, including behind-the-scenes of the Webster Institute for the History of Astronomy

**11:05 a.m.** Br. Guy Consolmagno SJ (Vatican Observatory) does Current Space News program for Adler visitors on meteorites and asteroids in the Solar System gallery

**11:30 a.m.** Participants view Cosmic Wonder in the Grainger Sky Theater

**12 p.m.** Lunch in Café Galileo's

**1 p.m.** Participants' private tour of the Space Visualization Lab

**2 p.m. - 5 p.m.** Clergy presentations in the CyberSpace classroom

**Guy Consolmagno** - Doing Science as a Member of the Clergy

**Bruce Booher** - Standing in Awe

**Chuck Ruehle** - Teaching Astronomy off the Grid

**Lea Schweitz** - Teaching Religion and Science across the Seminary Curriculum

**Phil Blackwell** - Leading Science and Religion Study Groups in Churches

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\* This event is free for clergy (with the exception of parking and lunch); however, participants must register in advance by emailing Grace Wolf-Chase [gwolfchase@adlerplanetarium.org](mailto:gwolfchase@adlerplanetarium.org) with their intent to participate. Due to limited space in the available venues, registrations can be accepted only until space is filled. If any members of the media are interested in attending, please contact Nicholas Glenn [neglenn@adlerplanetarium.org](mailto:neglenn@adlerplanetarium.org).



### **Guy Consolmagno**

Br. Guy Consolmagno SJ is an astronomer and curator of meteorites at the Vatican Observatory ([www.vaticanobservatory.org](http://www.vaticanobservatory.org)). He earned undergraduate and masters' degrees from MIT and a Ph.D. in Planetary Science from the University of Arizona, and worked at Harvard and MIT, the US Peace Corps (Kenya), and Lafayette College before entering the Jesuits in 1989. His research explores connections between meteorites, asteroids, and the evolution of small solar system bodies. Along with more than 200 scientific publications, Consolmagno is the author of a number of books including *Turn Left at Orion* (with Dan Davis). In 2000, the small bodies nomenclature committee of the International Astronomical Union named an asteroid, 4597 Consolmagno, in recognition of his work.



### **Bruce Booher**

Rev. Bruce Booher is Pastor of First Lutheran Church of Plano, IL and a member of the Steering Committee of the Lutheran Alliance for Faith, Science and Technology. As an undergraduate student at M.I.T., Booher majored in Physics and planned to become a professional astronomer. While he eventually decided to follow a calling into parish ministry, he kept his love of astronomy and sharing the beauty and wonder of the universe with others. Booher has developed resources for sharing the mystery, awe and wonder that play such vital roles in faith, science, and life in general, and he offers presentations and retreats on these topics [www.mysteryandawe.com](http://www.mysteryandawe.com).



### **Chuck & Susan Ruehle**

The Ruehles are retired ELCA pastors and the founders of Telescopes to Tanzania (TtT), a project of Astronomers without Borders ([www.astronomerswithoutborders.org](http://www.astronomerswithoutborders.org)). TtT uses telescopes and astronomy to promote an inquiry-based pedagogy for teaching math, science, and geography. The Ruehles are graduates of Wartburg Theological Seminary with teaching degrees from the University of Wisconsin-Milwaukee. Chuck also has a Masters degree in the Cultural Foundations of Education. He is a Galileo Teacher Training Program (GTTP) Ambassador, a NASA Galileo Educator and a Stratospheric Observatory For Infrared Astronomy (SOFIA) Earth Partner. As amateur astronomers, the Ruehles conduct outreach programs in the US. They are participants in GTTP and Global Hands On Universe activities, and can be reached at [TtT@astrowb.org](mailto:TtT@astrowb.org)





### **Lea Schweitz**

Dr. Lea Schweitz is a faculty member at the Lutheran School of Theology in Chicago (LSTC), where she teaches courses in Systematic Theology, Philosophy of Religion, and Science and Religion. She holds an M.A. and a Ph.D. from the University of Chicago Divinity School. Schweitz also serves as Director for the Zygon Center for Religion and Science, [www.zygoncenter.org](http://www.zygoncenter.org), where she is committed to bringing religious traditions together with the best scientific knowledge in order to promote a more just and peaceful world. Under her leadership, the Zygon Center has received a grant from the Templeton Foundation to develop new curricula to incorporate science and religion modules in required seminary classes at the LSTC.



### **Phil Blackwell**

Rev. Dr. Phil Blackwell is the senior minister of the First United Methodist Church at the Chicago Temple, located on Daley Plaza in Chicago's Loop. Over his 45 years in ministry, he has served congregations in rural, urban, and suburban settings in Illinois and two Methodist chapels in Wolverhampton, England. He also has been a campus minister and a missions coordinator for the northern Illinois region of his denomination. Blackwell has degrees from the University of Wisconsin – Madison, Yale Divinity School, and the Divinity School at the University of Chicago. Over the past 25 years, he has led science-and-religion reading groups in the churches that he has served.



### **Grace Wolf-Chase**

Dr. Grace Wolf-Chase is an Astronomer at the Adler Planetarium and Associate in the Department of Astronomy & Astrophysics at the University of Chicago. She earned degrees from Cornell University (A.B., Physics) and the University of Arizona (Ph.D., Astronomy), and was awarded National Research Council and University of California President's postdoctoral fellowships at NASA/Ames and UC Riverside, respectively. Since 1998, her career has combined academic research in star formation with education and public outreach. She has published dozens of scientific papers and popular articles, and is an Affiliated Faculty Member of the Zygon Center for Religion & Science in Hyde Park.