

Education

MDiv, Concentration in Historical Theology Candler School of Theology, Emory University	Atlanta, GA 30322 May 2011
PhD, Experimental Nuclear Physics Duke University	Durham, NC 27708 May 1996
BS, Physics Furman University	Greenville, SC 29613 June 1990

Present and Future Positions

- PHYSICS LECTURER
Agnes Scott College

Decatur, GA 30030
January - May 2012

Courses to be taught at Agnes Scott: General Physics, Optics

- FREELANCE WRITER
Clients: Emory University and Religion Dispatches

Decatur, GA 30030
October 2010 - present

Wrote stories for Candler School of Theology and Emory Reports. Wrote essays and opinion pieces for Religion Dispatches (www.religiondispatches.org). Guest blogger at RD (October 2011 - present). Blogger at Huffington Post (December 2011 - present)

Professional Experience

- ASTRONOMY FACULTY, EMORY-TIBET SCIENCE INITIATIVE
Emory University and The Library of Tibetan Works & Archives

Atlanta & Dharamsala, India
January - October 2010

Worked with faculty from Emory's physics department on the physics curriculum for Tibetan monastics in exile in India. Traveled to Dharamsala in June 2010 and spent two weeks teaching stellar astronomy to the monks and nuns gathered there. The program, established by H.H. the 14th Dalai Lama and Emory University, has as its goal the permanent establishment of modern science in the Tibetan monastic curriculum.

- ASSOCIATE PROFESSOR OF PHYSICS & ASTRONOMY
Berry College

Mt. Berry, GA 30149
August 2004 - August 2008

Courses taught at Berry: The Solar System, Stars & Galaxies, The Copernican Revolution, General Physics I & II, Advanced Lab, Modern Physics, Thermodynamics, Astrophysics, Quantum Mechanics. Developed and wrote the textbook (not yet published) for a history of astronomy course which included a tour of relevant historical sites in Poland, the Czech Republic, and Italy. Directed the department's dual-degree engineering and served as the faculty sponsor of the Berry College Astronomy Club.

- CHAIR, DEPARTMENT OF PHYSICS, ASTRONOMY, & GEOLOGY
Berry College

Mt. Berry, GA 30149
July 2001 - June 2007

Managed department budget; hired and evaluated personnel; set raises; led effort to update, expand, and reorganize curriculum. During time as chair, a new faculty position was added; the number of physics majors doubled; for the first time in Berry's history, physics students co-authored papers in scientific journals, including top-tier publications such as The Astrophysical Journal and Physical Review Letters; and the number of physics students entering graduate programs increased more than 100%; for the first time ever, Berry physics graduates are enrolled in some of the strongest PhD programs in the country.

• ASSISTANT PROFESSOR OF PHYSICS & ASTRONOMY
Berry College

Mt. Berry, GA 30149
August 1998 - July 2004

• FACULTY FELLOW
NASA Goddard Space Flight Center

Greenbelt, MD 20772
May - August 1998, 1999, 2001

Collaborated with astronomers at Goddard and elsewhere on the analysis of data from the Compton Gamma-Ray Observatory and subsequently published a number of articles in leading scientific journals.

• VISITING ASSISTANT PROFESSOR OF PHYSICS & ASTRONOMY
Hampden-Sydney College

Hampden-Sydney, VA 23943
January 1997 - May 1998

Courses taught at Hampden-Sydney: The Solar System, General Physics I, Advanced Lab, Thermodynamics, Electrodynamics I & II.

• POSTDOCTORAL RESEARCH ASSOCIATE
Duke University

Durham, NC 27708
May 1996 - December 1996

Selected Publications

NONSCIENTIFIC

Nine Prisoners Are Newly Minted Theologians Through Candler Program. 11/10/11. Emory Report. <shared.web.emory.edu/emory/news/releases/2011/11/nine-prisoners-are-newly-minted-theologians-through-candler-program.html>

Richard Dawkins' Atheist Academy. 9/26/2011. Religion Dispatches. <www.religiondispatches.org/archive/atheologies/5165/richard_dawkins_atheist_academy_of_unguided_truth/>

Believing in Johnny Cash: An Open Letter to Atheists. 9/11/2011. Religion Dispatches. <www.religiondispatches.org/archive/atheologies/4796/believing_in_johnny_cash%3A_an_open_letter_to_atheists/>

Author James Carroll Engages Community in Discussion of 'Jesus the Jew'. 9/7/2011. Candler School of Theology. <www.candler.emory.edu/news/releases/2011/09/real-dialogue-jesus-the-jew.cfm>

Jesus was not a 'Pretend Jew'. 9/7/2011. Emory Report. <www.emory.edu/EMORY_REPORT/stories/2011/09/soundbites_james_carroll_lectures.html>

Alumnus Kyle Kramer Proclaims Lessons of the Earth. 7/5/2011. Candler School of Theology. <www.candler.emory.edu/news/releases/2011/07/real-change-kyle-kramer-lessons-of-the-earth.cfm>

Candler Students Love Thy Global Neighbors. 6/7/2011. Candler School of Theology. <www.candler.emory.edu/news/releases/2011/06/love-thy-global-neighbor.cfm>

Why Evolution Should be Taught in Church. 2/9/2011. Religion Dispatches. <www.religiondispatches.org/archive/science/4208/why_evolution_should_be_taught_in_church/>

Way Beyond Atheism: God Does Not (Not) Exist. 12/14/2010. Religion Dispatches. <[www.religiondispatches.org/archive/atheologies/3820/way_beyond_atheism:god_does_not_\(not\)_exist](http://www.religiondispatches.org/archive/atheologies/3820/way_beyond_atheism:god_does_not_(not)_exist)>.

For Buddhism, Science is Not a Killer of Religion. 11/05/2010. Religion Dispatches. <www.religiondispatches.org/archive/science/3631/for_buddhism_science_is_not_a_killer_of_religion>.

The Atheist Encounter with Christianity: A Failure to Disbelieve? 10/11/2010. Religion Dispatches. <www.religiondispatches.org/archive/science/3527/the_atheist_encounter_with_christianity_a_failure_to_disbelieve>.

Do Space Aliens Need Baptism? The View From Gliese 581g. 10/4/2010. Religion Dispatches. <www.religiondispatches.org/archive/science/3486/do_space_aliens_need_baptism_the_view_from_gliese_581g>.

SCIENTIFIC

“A Multiwavelength Investigation of Unidentified EGRET Sources” P. M. Wallace, S. D. Bloom, M. S. Lewis, 2005, *Astrophysics & Space Science* **297**, 409

“An Optical Survey of the Position Error Contours of Unidentified High-Energy Gamma-Ray Sources at Galactic Latitude $|b| > 20^\circ$ ” S. D. Bloom, R. Cool, D. A. Dale, A. Haugsjaa, C. Miller, C. Peters, M. Tornikoski, and P. M. Wallace, 2004, *Astronomical Journal* **128**, 56

“An Active Galactic Nucleus Identification for 3EG J2006-2321” P. M. Wallace, J. P. Halpern, A. M. Magelhães, and D. J. Thompson, 2002, *Astrophysical Journal* **569**, 36

“Multiwavelength Observations of 3EG J2006-2321 and 3EG J0433+2908” P. M. Wallace, M. Eracleous, J. V. Foreman, J. P. Halpern, and D. J. Thompson, in *Gamma 2001* (AIP **587**, Melville, New York, 2001), 319

“A Systematic Search for Variability of EGRET Sources” P. M. Wallace, D. L. Bertsch, S. D. Bloom, N. J. Griffis, D. A. Kniffen, R. C. Hartman, and D. J. Thompson, 2000, *Astrophysical Journal* **540**, 184

“Complete Spectroscopy of ^{30}P ” C. A. Grossmann, M. A. LaBonte, G. E. Mitchell, J. D. Shriner, J. F. Shriner, Jr., G. A. Vavrina, P. M. Wallace, *Physical Review C* **62**, 024323 (2000)

“Variability of Unidentified 3EG Sources” P. M. Wallace, D. L. Bertsch, S. D. Bloom, N. J. Griffis, D. A. Kniffen, R. C. Hartman, and D. J. Thompson, in the *Proceedings of the 5th International Compton Symposium on Gamma-ray Astrophysics* (AIP **510**, Melville, New York, 2000), 499

“Spectroscopy of the $^{29}\text{Si}(p,\gamma)$ Reaction for $E_p = 1.00 - 1.75$ MeV” G. A. Vavrina, E. G. Bilpuch, C. R. Bybee, G. E. Mitchell, E. F. Moore, J. D. Shriner, J. F. Shriner, Jr., P. M. Wallace, and C. R. Westerfeldt, *Physical Review C* **55**, 1119 (1997)

“Spectroscopy of the $^{29}\text{Si}(p,\gamma)$ Reaction for $E_p = 1.75 - 2.51$ MeV” P. M. Wallace, E. G. Bilpuch, C. R. Bybee, G. E. Mitchell, E. F. Moore, J. D. Shriner, J. F. Shriner, Jr., G. A. Vavrina, and C. R. Westerfeldt, *Physical Review C* **54**, 2916 (1996)

Selected Presentations

“Positive Science/Negative Theology” Emory University Department of Physics, March 2009, Atlanta, GA (invited)

“Johannes Kepler’s Intelligent Design” *Bulletin of the American Astronomical Society*, **38**, 128.01, January 2007, Seattle, WA

“Johannes Kepler’s Intelligent Design” at the July meeting of the Atlanta Astronomy Club (with the Association of Lunar and Planetary Observers), July 2006, Emory University, Atlanta, GA

(invited)

“Kepler’s *Astronomia Nova* in the Classroom” AAPT *Announcer* **45**, F01, January 2006, Anchorage, AK

“The Copernican Revolution as Story: An Antidote for Scientific Illiteracy” P. M. Wallace, *Bulletin of the American Astronomical Society*, **37**, 4.03, September 2005, Cambridge, UK

“A Multiwavelength Investigation of Unidentified EGRET Sources” P. M. Wallace, S. D. Bloom, M. S. Lewis; at the conference *The Multiwavelength Approach to Unidentified Gamma-Ray Sources*, June 2004, Hong Kong, China

“A Search for Optical Counterparts of Unidentified EGRET Sources” P. M. Wallace, S. D. Bloom, M. S. Lewis, A. Vargas, *Bulletin of the American Astronomical Society*, **35**, 2.01 (2003) Nashville, TN

“3EG J1133+0033: The Next Radio-Weak Gamma-Ray Blazar” P. M. Wallace, at the First Annual Georgia Regional Astronomy Meeting, May 2002, Agnes Scott College, Decatur, GA

“Multiwavelength Studies of Possible AGN Counterparts of 3EG J1133+0033” P. M. Wallace, S. D. Bloom, *Bulletin of the American Physical Society* APRE11006 (2002) Albuquerque, NM

“A Probable Blazar Identification for 3EG J2006-2321” P. M. Wallace, J. P. Halpern, and D. J. Thompson, *Bulletin of the American Astronomical Society*, **32**, 108.09 (2000), San Diego, CA

“Variability of Unidentified 3EG Sources” P. M. Wallace, D. L. Bertsch, S. D. Bloom, N. J. Griffis, D. A. Kniffen, R. C. Hartman, and D. J. Thompson, at the 5th Compton Symposium, September 1999, Portsmouth, NH