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EDUCATION
Ph.D. in Physics, May 1994, University of Texas at Dallas, Richardson, TX
Master of Science in Physics, May 1991, University of Texas at Dallas, Richardson, TX
Bachelor of General Studies in Business, December 1984, Chaminade University of Honolulu, HI

PROFESSIONAL ASSOCIATION
American Geophysical Union

COLLEGE EXPERIENCE
Collin County Community College – January 1992 – May 1996
Dallas County Community College District – January 1992 – May 1996
Angelo State University – June 1996 – May 1997
University of South Dakota – August 1999 – May 2005
U.S. Coast Guard Academy – August 2005 – May 2008
U.S. Naval Academy – August 2008 – September 2011
Victoria College – August 2013 – Present – Physics Instructor

COURSES TAUGHT:
Classical Mechanics
Digital Electronics
Electric Circuit Analysis
Electricity and Magnetism
Introductory Astronomy
Introductory Physics
Science for Education Majors
Statistical Physics
Thermodynamics

PUBLICATIONS

- "Possible large-scale pingos on Utopia Planitia," 44th Lunar and Planetary Science Conference, 2013.
- *Dialogues on 2012: Why the World Will Not End*, Keating, Christopher, Dog Ear Publishing, 2011.
- Signatures of Magnetosphere – Ionosphere Coupling, R.A. Heelis and C.F. Keating, Invited lecture, Theory of the Magnetosphere Conference, Institute of Geophysics and Planetary Physics, Los Alamos National Laboratory, October 2010.
- Keating, C. F., and R. A. Heelis (2010), Characterization of the electric potential distribution and large scale auroral zone flows in the ionosphere, *J. Geophys. Res*., 115, A09316, doi:10.1029/2010JA015447.
- "Not to worry, solar magnetic activity for cycle 24 is increasing," *Eos, Transactions American Geophysical Union*, Vol. 89, No. 43, pg 418-419.

- "A simple experiment to demonstrate the effects of greenhouse gasses", C. F. Keating, *The Physics Teacher*, September, 2007
- "Observed asymmetries in the Bz average", C. F. Keating, and N. O. Jager, *Geophys. Res. Lett.*, Vol 32, L03106, doi:10.1029/2004GL021110, 2005.
- "Predicting the mean Bz magnitude, Revisited", Keating, C.F., and N.O. Jager, *J. Geophys. Res., 108*, 1317.
- "Predicting the mean Bz magnitude," C. F. Keating, T. L. Lawrence, and R. C. Prebble; *J. Geophys. Res., 106*, 21009, 2001.
- "Exercises in Astronomy," C. F. Keating, P. Miller, and A. Sidhwa, MKS Publishing, 1997.
- "Mission to Planet Earth," *USA in Space*, Salem Press, 1996, 439
- "Ulysses: Solar-Polar Mission," *USA in Space*, Salem Press, 1996, 785.
- "Hannes Alfvén," *Biographical Encyclopedia of Scientists*, Salem Press, 1998, 9.
- "Sir Isaac Newton," *Biographical Encyclopedia of Scientists*, Salem Press, 1998, 979.
- "Cecilia Payne-Gaposchkin," *Biographical Encyclopedia of Scientists*, Salem Press, 1998, 1028.
- "Continents and Subcontinents," *Magill's Survey of Science: Earth Science Series*, May 1998, 2869.
- "Global Warming," *Magill's Survey of Science: Earth Science Series*, May 1998, 2932.
- "Lightning," *Magill's Survey of Science: Physical Science Series*, May 1998, 3040.
- "Detection of Upward Lightning Reveals Questions Concerning Thunderstorms," *Science Supplement, Spring 1998*, Webster's Unified, Inc., 1998, 356.
- "Scientists Observe a Solar Storm from "Cradle to Grave," *Science Supplement, Fall 1998*, Webster's Unified, Inc., 1998, 190.