

C. Renée James
Associate Professor
Physics Department
College of Arts & Sciences

Degrees Earned

Ph.D. in Astronomy, The University of Texas at Austin, 2000
M.A. in Astronomy, The University of Texas at Austin, 1993
B.A. in Physics (Astronomy concentration), Rice University, 1991

Professional Licensure and Certifications

N/A

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

James, C.R., 2008, Where Are You From? (The Astrophysical Origins of the Elements for Life), *Sky & Telescope*, v. 115, No. 3.

James, C.R., 2007, The REAL Stars of Harry Potter, *Mercury*, v. 36, No. 4, p. 20.

James, C. R., 2007, The Ugly Side of Gravity, *Astronomy*, v. 35, No. 8, p. 34.

James, C.R., 1007, Solar Forecast: Storm Ahead, *Sky & Telescope*, v. 114, No. 1, p. 24.

James, C.R. & Marion, G.H., 2006, X-Treme Stars, *Astronomy*, v 34, No. 4, p. 56.

James, C.R., 2006, The Woman Who Cracked the Stellar Code, *Astronomy*, Vol. 34, No. 1, p. 56.

James, C.R., 2005, Reading Between the Lines: The Search for Stellar Recipes, *Mercury*, Vol. 34, No. 1, p 12.

I.I. Ivans, Christopher Sneden, **C. R. James**, G.W. Preston, J.P. Fulbright, P.A. Hoflich, B.W. Carney, and J.C. Wheeler, 2003, Chemical Substructure in the Milky Way Halo: A New Population of Old Stars, *Astrophysical Journal*, v. **592**, p. 906.

James, C.R. and McCann, M.P., 2003, Data Acquisition and Instrument Control via a Web Page Using Linux, *Journal of Chemical Education*, Volume **80**, no. 2, p.221.

James, C.R., 2002, Edward and Mina: How a Maid and her Master Changed the Face and Gender of Astronomy Forever, *Astronomy*, v. **30**, No. 7, p. 46 .

Books

James, C.R., and Cooper, F., 2001, *Physics 113/317 Astronomy Lab Manual*, First Edition, RonJon Publishing, Inc.

Chapters

N/A

Proceedings

Monelli, M.; Bono, G.; Nonino, M.; **James, C. R.**; François, P.; Moehler, S.; Buonanno, R.; Nevils, G.; Recio-Blanco, A.; Smith, H. A.; Stetson, P. B.; Thévenin, F.; Walker, A. R., 2006, Photometry and Spectroscopy of Bright Stars in the Carina dSph Galaxy, *Chemical Abundances and Mixing in Stars in the Milky Way and its Satellites. Proceedings of the ESO-Arcetri Workshop held in Castiglione della Pescaia, Italy, 13-17 September, 2004. ESO Astrophysics Symposia*. Edited by S. Randich and L. Pasquini. Series Editor: Bruno Leibundgut, ESO, p.272.

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Funded External Grants

The Carina Dwarf Spheroidal: The Rosetta Stone for Dwarf Galaxy Evolution. Grant funded by Research Corporation, 2005-2006. Funding: \$38,778. Principal Investigator: James, C.R. (SHSU).

The Carina Dwarf Spheroidal: The Rosetta Stone for Dwarf Galaxy Evolution. Grand funded by the American Association for the Advancement of Science, 2003-2004. Women's International Science Collaboration Grant: \$3285. Principal Investigator: James, C.R. (SHSU)

Peer-Review Presentations/Posters

Nevils, G. K.; Koger, D. K.; James, C. R.; Monelli, M., 2004, Seeking Chemical and Kinematic Correlations within the Carina Dwarf Spheroidal, *Bulletin of the American Astronomical Society*, Vol. 36, p.1492.

James, C.R., Pilachowski, C.A. , Beers, T., Sneden, C., and Cavallo, R.M., 2002, Oxygen Abundances in Metal-Poor Subdwarfs from the O I Triplet, *Bulletin of the American Astronomical Society*, Vol. 34, p.1129.

James, C.R., 2000, Spectroscopic Study of the Chemically Unusual Metal-Poor Halo Stars G4-36 and BD+80 245, *Bulletin of the American Astronomical Society*, Vol. 32, p. 1286.

Work or Professional Experiences

2005 – Present, Associate Professor, Sam Houston State University (Huntsville, TX)

2000-2005, Assistant Professor, Sam Houston State University (Huntsville, TX)

1999-2000, Instructor, Sam Houston State University (Huntsville, TX)

1999-1999, Teacher, Houston Independent School District (Houston, TX)

1997-1998, Instructor, Anne Arundel Community College (Arnold, MD)

1995-1997, Adjunct Faculty Member, Austin Community College (Austin, TX)

Honors and Awards

Distinguished Lecturer, Academy for Science & Health, Conroe, Texas, January 2008

Elected Member, Astronomy Education Board of the American Astronomical Society, May 2003 – May 2006.