

**Tarleton Observatory  
Faculty and Student Conference Presentations**

<b>Title</b>	<b>Organizations</b>	<b>Authors</b>
Neural networks for automated classification of eclipsing binary stars	American Astronomical Society Seattle, Washington, January 12, 2011	K. Leaveck, S. Goderya & B. Little
Neural networks for automated classification of eclipsing binary stars	Invited Poster A&M Chancellor's Century Council, Stephenville, TX, February 2010	Katherine Leaveck
Neural networks for automated classification of eclipsing binary stars	Superior Poster Award American Association of Physics Teachers, Stephenville, TX, April 2009	K. Leaveck, S. Goderya & B. Little
Neural networks for automated classification of eclipsing binary stars	National Meeting of Sigma Xi Houston, TX, November 2009	Katherine Leaveck
Automated classification of eclipsing binary stars using Fourier descriptors and artificial neural networks	Texas A& M Pathways conference – Commerce, TX, November 2008	K. Leaveck, S. Goderya & B. Little
Monitoring Extra-Solar Planets at Tarleton State University	Texas A& M Pathways conference – Commerce, TX, November 2008	A. Raymond, & S. Goderya
Automated classification of eclipsing binary stars using Fourier descriptors and artificial neural networks	Tarleton Undergraduate Symposium, October, 2008	S. Goderya, K. Leaveck, B. Little
Monitoring Extra-Solar Planets at Tarleton State University	Tarleton Undergraduate Symposium, October, 2008	A. Raymond, & S. Goderya
Classification of Eclipsing Binaries using Fourier Analysis	Tarleton Undergraduate Symposium, April 2007	J. Jenkins, S. Goderya
Astronomy at Tarleton State	Texas A&M Pathways symposium, Stephenville, TX,	Avery McChristian, S. Goderya

University: A study of Eclipsing Binary Star (WY Tau) in the constellation of Taurus the Bull	Tarleton Undergraduate Symposium, 2007	
Research on Eclipsing Binary System WY Tau	Tarleton State University Research Symposium, April 2007	A. McChristian, S. Goderya
A platform independent code to run FORTRAN/C/C++ research code	Tarleton State University Research Symposium, March 2007	P. Sahai & S. Goderya
Photometric Investigation of the Eclipsing Binary Star BX Dra	American Astronomical Society, 209th meeting, Seattle, Washington, January 2007	S. Goderya, T. Sykes
Tarleton State University Observatory and Planetarium: A Unique Facility for Education and Research for K-12, Undergraduate and Graduate Students	American Astronomical Society, 207th meeting, Washington, DC, January 2006	S. Goderya, M. Hibbs
Research on Eclipsing Binary Stars at Tarleton State University's Observatory	Tarleton State University Research Symposium, 2006	S. Sykes & S. Goderya
Lightning: Coupling Earth Systems Research to K-12 Education Using Planetarium Presentations	American Meteorological Society Preprints, 14th Symposium on Education, Atlanta, Georgia, January 2006	Orville, R. E., D. House, M. Hibbs, and E. Mansell
Lightning: Coupling Earth Systems Research to K-12 Education Using Planetarium Presentations	American Meteorological Society Preprints, 14th Symposium on Education, San Diego, California, January 2005	Orville, R. E., D. House, M. Hibbs, and E. Mansell
Bring the Universe and Research into the Classroom	TAMU Academy of Educator Faculty Houston, Texas, Fall 2004	M.F. Hibbs
Bring the Universe and Research into the Classroom	Eighth Annual Conference on School-University Partnerships San Antonio, Texas, Fall 2004	Michael Hibbs, Teresa Musgrave

Bring the Universe and Research into the Classroom	Semi-Annual Texas Chapter of the American Association of Physics Teachers Spring 2004	Michael Hibbs, Marty Wyatt, Teresa Musgrave, Steve Rowley, Joe Ashcraft
Enlightening Lighting, Planetarium and Classroom Educational Experience	Digistar Users Group San Diego, California, Fall 2004	M.F. Hibbs
Enlightening Lighting, Planetarium and Classroom Educational Experience	Southwest Association of Planetariums and Rocky Mountain Planetarium Association joint meeting San Diego, California, Fall 2004	M.F. Hibbs
Using Summer Camps to Motivate Rural Students in Science and Engineering	Proceedings of the 33rd ASEE/IEEE Frontiers in Education Conference Boulder Colorado, 2003	Denise Martinez and Michael Hibbs
Closing the Gaps: Science, Engineering, and Astronomy at Tarleton State University	Semi-Annual Texas Chapter of the American Association of Physics Teachers Stephen F. Austin State University, Nacogdoches, Spring 2002	Michael Hibbs