

Andy Miller

TEACHER: Physics, Honors Physics, Honors Astronomy, AP Physics

EDUCATION

- **University of Texas-Brownsville. 41 Graduate Hours Credit in Physics and Science Education.** 1994-2009.
- **M.A. University of North Carolina at Chapel Hill. Department of Physical Education.** 1987.
- **B.A. University of North Carolina at Chapel Hill. Geography.** 1978.

CERTIFICATIONS / SPECIAL TRAINING

- **Physics Teacher Quality Program. UT-Brownsville.** Aug 2009-June 2011.
- **Advanced Placement Summer Institute—AP Physics. University of Texas at Brownsville.** 2006.
- **Teacher Leaders in Research Based Science Education. National Optical Astronomy Observatory (NOAO), Tucson, AZ, and National Solar Observatory, Sac Peak, NM.** 2001.

TEACHING EXPERIENCE

- **St. Joseph Academy. 2013-Present.** Physics, Honors Physics, Honors Astronomy, AP Physics, Chemistry, Honors Chemistry,
- **UTRGV, Adjunct Physics Faculty. Instructor STARGATE Academy and Dual Credit Astronomy.** Summer 2016.
- **Physics and Astronomy Teacher, Porter High School, Brownsville, TX.** August 2005-2013.
- **UTB, Chief Instructor-21st Century Astronomy Ambassadors Program.** 2005-2013.
- **UTB, Adjunct Faculty. Instructor Dual Enrollment Astronomy in conjunction with UTB Dept. of Physics and Astronomy.** Aug 2008-2013.
- **Brownsville Independent School District, 8th Grade Science Teacher, Science Department Chair, Cummings Middle School.** 1990-2005.

LANGUAGES

English – native language

MEMBERSHIPS

- American Association of Physics Teachers
- American Astronomical Society

CONTACT INFORMATION

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