## PTRA program activities planned for across the country

The Physics Teaching Resource Agent (PTRA) program has been active for over 30 years. PTRA workshops are scheduled for a number of locations during 2017, including Utah, Idaho, Wisconsin, Baltimore, New York, Pennsylvania and Texas. Some are open to anyone, others are limited due to constraints of funders or grants. Week long workshops that have open enrollment include: 1) Atomic nature of matter, heat, electricity June 5<sup>th</sup> -9<sup>th</sup> on Campus of BYU (Provo, Utah), 2) Astronomy at Capitol Reef National Monument (Utah) June 18<sup>th</sup>-22<sup>nd</sup>, 3) Electromagnetic Forces and Interactions: Inquiry Methods for Physics and Physical Science with NGSS at River Falls, WI June 19-30, and 4) Black Holes, Dark Matter, GPS, and PEE at three locations in Texas (Fort Worth, Sherman, and Baytown). Visit www.aaptptra.com and look under the Professional Development tab for more information.

PTRAs recently presented a number of workshops and activities in conjunction with the Texas section meeting. The Central PA section sponsored the 25<sup>th</sup> Annual Central PA PTRA Workshop held in conjunction with their section meeting at the University of Scranton. An enthusiastic group of HS Physics teachers spent the day exploring "Hands on Electricity for High School Students".

The PTRA 2017 Summer Leadership Institute will be held before the AAPT Summer Conference in Cincinnati, Ohio. July 19-22, 2017. The PTRA leadership institute is being hosted by Ed Sunderhaus at Cincinnati State Technical Community College. Thanks to CSTCC for their support. For more information regarding the summer leadership institute visit aaptptra.com/leadership-institutes.

If your institution is interested in hosting PTRA workshops for local teachers you may contact PTRA Director Karen Jo Matsler karen@aaptptra.com or PTRA Oversight Committee Chair Pat Callahan ptcallahan3537@gmail.com

