



The Central Pennsylvania Engineers Week Council invites you to spend an evening with your colleagues as we celebrate Engineers Week and honor several of your outstanding individuals in the engineering community.

“The Potential of Automated Vehicles for Road Weather Information”

- DATE:** Thursday, February 20, 2020 **HOSTED BY:**
- TIME:** 5:00 PM—Social/Check in (cash bar)
6:00 PM—Dinner
7:00 PM—Program Presentation
- PRICE:** **\$35.00 (Early Bird Discount until 2/6/2020)**
\$40.00 Starting 2/7/2020 to 2/13/2020
\$15.00 Students (with ID)
\$275.00 Reserve a table for 8
- MENU:** Entrée choices are: Tender Braised Beef Short Ribs Jardinière, Asiago & Spinach Risotto Stuffed Chicken Breast or Lemon Ricotta Ravioli.
- LOCATION:** West Shore Country Club
100 Brentwater Road ♦ Camp Hill, PA 17011 ♦ 717-761-4530
- SPEAKER:** Richard D. Clark, Ph.D., Millersville University of Pennsylvania, Department of Earth Sciences
- TOPIC:** **“The Potential of Automated Vehicles for Road Weather Information”**
- How Road Weather Data can be utilized by Autonomous & Connected Vehicle Industry to Optimize Mobility & Reduce Crashes
 - How we use Vehicle Sensor Data to Diagnose the near Vehicle Environment (Pavement Condition, Visibility, Precipitation, etc.)
 - How Emerging Technologies such as the Vehicle Data Translator and Pikalert Systems are being Developed to Support ADAS (Advanced Driver Assistance Systems) Development and Operations
- RSVP:** Please RSVP by February 13, 2020. More details available at www.cpewc.com and on the CPEWC Facebook Page



About the Speaker

Richard D. Clark is the Chair of the Department of Earth Sciences and Professor of Meteorology at Millersville University of Pennsylvania for 31 years. His research interests are boundary layers and turbulence and air chemistry with a special emphasis on field observations using remote-sensing and balloon-borne platforms. He also has a strong interest in space weather and climate science applications, and recently spearheaded the development of an academic minor in Heliophysics and Space Weather.

Clark has a Ph.D. in atmospheric science from the University of Wyoming ('87) with a specialization in boundary layers and turbulence, low-level nocturnal jets, and air chemistry.

Recent projects include a NASA funded DISCOVER-AQ, a study of air quality in four areas (CA, TX, CO, MD) and an NSF-funded study of Ontario Winter Lake-effect Systems (OWLs), Plains Elevated Convection at Night (PECAN), and Student Experience in Airborne Research-Mid-Atlantic Region (SEAR-MAR). In addition, Clark is PI on a recent NSF-funded project with Nat'l Center Atmospheric Research (NCAR) and COMET; Synergistic Environments in Graduate and Undergraduate Education (SEGUE) in Atmospheric Instrumentation and Measurement Training.

DISCOVER



ENGINEERS WEEK

February 15 - February 22, 2020