ASHRAE Twin Tiers Chapter
Tour of Binghamton University – Engineering Building
March 17, 2020

Description:
This renovation upgraded 66,000 sq. ft. of offices, labs, classrooms, and toilet areas and involves major equipment replacement to increase energy efficiency, maximize space usage, and increase comfort for students and staff. Building Information Modeling (BIM) was used to ensure more accurate design, improve coordination among trades and to assist with estimates. Delta provided redundancy between AHUs to enable scheduled shutdowns and support the entire building during unscheduled equipment breakdowns. Delta provided mechanical, plumbing, electrical, fire protection, structural, environmental design and construction administration duties services for this project. Following our tour, we will meet at the Chenango Room on campus for a buffet style dinner. Following the normal chapter dinner a YEA (Young Engineers in ASHRAE) event will take place in the same room.

This month’s presenter, Donald Harris, is a Senior Project Engineer in the Delta Facilities Group. Don leads project design efforts providing innovative, cost-effective mechanical, electrical, and plumbing design for industrial, governmental, medical, higher educational, and residential projects. He has over 40 years of varied experience in mechanical and electrical engineering and engineering management with decades of expertise in the areas of sustainable design and energy conservation.

Don has extensive experience in the design of laboratory spaces with critical air pressure balance requirements, data center cooling with multiple chilled water or refrigerant CRAC units featuring energy recovery and redundancy, and complex central plants with multiple chillers, boilers, towers and pumps. His background with energy efficient design is deep as well and features work with geothermal heat pump systems, combined heating, cooling and power systems (CHCP), central air-based HVAC systems with energy recovery air handlers and VAV distribution, and refrigerant-based heat pump systems using variable refrigerant flow (VRF). Don served as the 10th ASHRAE TWIN TIERS chapter president 1986 to 1987.

DATE: Tuesday, March 17, 2020
TIME: 5:00 PM
TOUR LOCATION: Engineering Building
Binghamton University
4400 Vestal Pkwy E
Binghamton, NY 13902
DINNER/PRESENTATION LOCATION: The Chenango Room
Binghamton University
4400 Vestal Pkwy E
Binghamton, NY 13902
AGENDA: 5:00 – 6:00: Tour
6:00 – 6:15: Walk to the Chenango Room
6:15 – 8:00: Dinner
8:00 – 9:00: YEA Event
MENU: Buffet Style
REGISTRATION: http://twintiers.ashraechapters.org/program.html Early registration pricing available on or before 03/13/2020