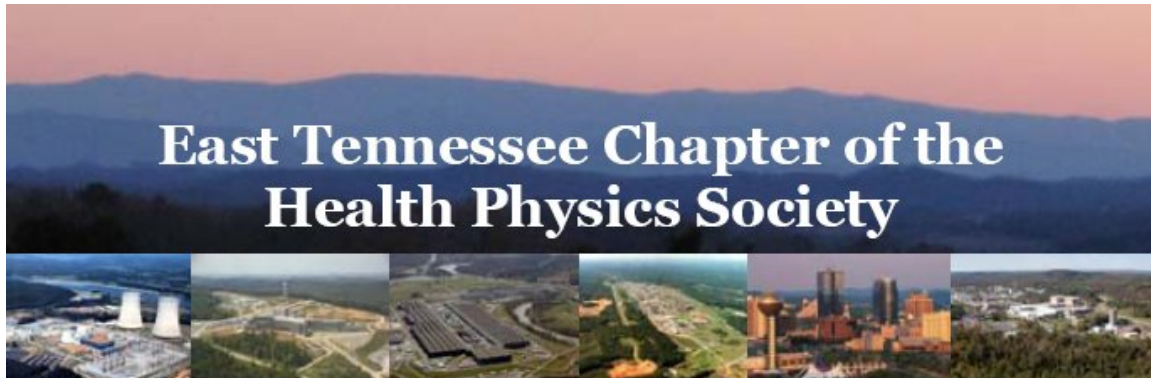


# Summer 2009 Newsletter



## Next Chapter Meeting

### **ETCHPS Picnic!**

**Location: Clark Center Park, Oak Ridge**

**September 17, 2009**

**5:00 - 8:00 PM**

There is NO cost to attend.

Food to be provided by Quiznos and Chick-fil-A.

## 2009 NRRPT/CHP Prep Courses

The 2009 NRRPT/CHP Prep Courses were conducted from March 22 through June 2. The sessions consisted of up to eighteen (18) students. A gracious **Thank You** is extended to the following instructors, without whose participation this would not have been possible:

Mark McHugh, CHP  
Thomas Rucker, PhD  
John Aperans, RRPT  
Rodney Bauman, CHP  
Rob Gunter, CHP  
Joe Alvarez, PhD, CHP  
Abu Ahmed, PhD, CHP  
Scott Schwann, PhD, CHP  
James East, CHP  
Bill Riley, CHP

## **ETCHPS Website – New Feature**

The Chapter website has been expanded to include a listing of past Chapter meetings. The list is comprised of all Program, Business, and Vendors' Meetings from January 2006 to present. It can be viewed at:

<http://hpschapters.org/etchps/Program%20Meetings/Past%20Chapter%20Meetings.htm>

Some information is still lacking. If you have any corrections and/or additions to this list, please contact the [ETCHPS Webmaster](#).

## **ETCHPS Welcomes a New Affiliate**

Bionomics of Oak Ridge, Tennessee has recently been approved as an ETCHPS Affiliate Member.



Bionomics provides turnkey services for the removal and disposal of radioactive and mixed wastes. This includes packaging, brokerage, transportation, processing and disposal. More information is available at their website: <http://www.bionomics-inc.com/>

## **March Program Meeting Summary**

The East Tennessee Chapter of the Health Physics Society held its March 2009 Program Meeting on Wednesday, March 11, at the Highly Enriched Uranium Materials Facility (HEUMF) at Y-12 in Oak Ridge. Approximately 22 ETCHPS members and guests were in attendance.

Kyle Kleinhans hosted a tour of the Highly Enriched Uranium Materials Facility (HEUMF). The \$549 million facility, Y-12's ultra-secure uranium warehouse of the future, will replace multiple aging facilities within a single state of the art storage facility. HEUMF will play a major role in helping the National Security Administration accomplish its mission of protecting the nation's inventory of highly enriched uranium which is a vital national security asset.



The HEUMF is a large (approximately 300 ft. by 475 ft.) primarily reinforced concrete structure with adjoining equipment and administrative area. It will provide storage capacity for thousands of containers of material to be held in specially designed storage racks. Construction for the HEUMF began in 2004. Some distinguishing features associated with construction of the HEUMF are the 92,000 cubic yards of concrete, 5,800 tons of rebar and more than 1.5 million linear feet of wiring. The HEUMF is one of two facilities whose joint mission will be to accomplish the storage and processing of all enriched uranium in one small, centralized area.

## **April Program Meeting Summary**

The East Tennessee Chapter of the Health Physics Society held its April 2009 Program meeting on Tuesday, April 14, at the Gondolier Restaurant in Oak Ridge. Approximately 25 ETCHPS members and guests were in attendance.

The featured speaker was Dr. Richard Toohey of Oak Ridge Associated Universities. Dr. Toohey provided his renowned “The Saga of the Radium Dial Painters” presentation. The presentation may be viewed at:

<http://www.ustur.wsu.edu/Radium/files/SagaOfRaDPs.pdf>

## **May Program Meeting Summary**

The May 2009 Program Meeting, held on Tuesday, May 12, featured a tour of the new IMPACT Services facility in the Horizon Center, Oak Ridge, Tennessee. The tour was given by Mr. Sammy Jones, Chief Operating Officer of IMPACT Services, Inc.



Mr. Jones indicated that IMPACT plans to operate a “white-glove” waste processing facility in the rear portion of the 67,000 square-foot plant. Additionally, a research center for companies working on the next generation of nuclear reactors is also planned there.

Further details of services provided by IMPACT are at: <http://www.impactservicesinc.net>

## **June Program Meeting Summary**

The East Tennessee Chapter of the Health Physics Society held its June 2009 Program Meeting on Tuesday, June 16, 2009, at Gondolier Restaurant in Oak Ridge. Approximately 15 ETCHPS members and guests were in attendance.

Robin Shult of EnergySolutions, provided a presentation entitled “Decon of Plutonium Sulfate Spill in a Research Lab”. This was a description of recovery actions following a spill of plutonium sulfate in a research lab at the NIST facility in Boulder Colorado. Over \$4 million dollars worth of instrumentation had to be recovered.