

## WM2016 Conference Panel Report

**PANEL SESSION 42:            Graduating Scientists and Engineers: Wants and Needs- Does it Differ Between Countries?**

**Co-Chairs:**                    **Robert O. Berry**, *Foxfire Scientific, Inc.*  
**Leo Lagos**, *Applied Research Center FIU*

**Panel Reporter:**            **Robert O. Berry**, *Foxfire Scientific, Inc.*

### **Panelists:**

1. **Melody Bell**, *EM DAS for Human Capital and Corporate Services (Acting) US DOE*
2. **Hope Lee**, *Senior Scientist, Pacific Northwest National Laboratory*
3. **Christine Wipfli**, *DOE Fellow, Applied Research Center – FIU*

About 35 people attended this panel session focused on EM-DOE training programs, presented by **Melody Bell** as well as opportunities at various national laboratories presented by **Hope Lee**. **Christine Wipfli** discussed wants and needs of young engineers and presented data from several recent surveys.

### **Summary of Presentations**

**Melody Bell** discussed the DOE-EM existing job programs and the DO E-EM Required Degree Programs. She then detailed the various DOE-EM Internship Programs, requirements and program limitations. She listed out Pay/Benefits for all the programs and new and future opportunities within DOE-EM. In addition, she offered ideas and tips for student new to the workforce and useful and helpful websites. Including USA Jobs website and pathway program web links. She then answered questions concerning the EM-DOE Programs and listed some websites for government employment in general.

**Hope Lee** introduced the National Laboratory System in general and focused on PNNL in particular. The ongoing PNNL programs she concentrated on included Science and Technology Program at PNNL: Earth / Energy / Security and Community Service / Team Battelle with Excellence in STEM Education, Science and Technology and development of scientific leaders with SULI/ECI/ASF /MSIPP programs and work based learning systems. She discussed opportunities at PNNL for New Graduates and new challenges at PNNL in the future questions.

**Christine Wipfli** spoke of Wants and Needs Entering Workforce Overview she referred to a LinkedIn Survey 2014, top results from both Employees and Employers and additional information from various websites. These surveys had questions which addressed new workforce wants and needs. She also discussed these results and how they related to her previous work experiences at several DOE sites and headquarters as an intern. She also mentioned other surveys concerning her age groups and how hiring managers see them in the work force. Using these surveys, she compiled a list of major concerns of new hires and well as hiring managers and some approaches that have been used to bring the two closer together.

Questions followed for all panel members.