

Outreach & Education Sub-committee update

Sowjanya Gollapinni (UTK)
(for the outreach sub-committee)

UEC meeting
Sep. 15, 2017

O&E webpage updates

- The UEC outreach page has been updated for missions statements folding in comments I received from the group last time
http://orgs.fnal.gov/fermilab_users_org/Committee/Outreach/Committee-Outreach.html
- **Further comments welcome!**

Mission Statement: The mission of the Outreach and Education sub-committee is to develop ways to improve user participation in outreach and education programs at the lab thereby broadening the existing efforts and promoting them internationally. The committee works closely with the Education, Diversity, and the Communications Office at Fermilab to develop new strategic plans for education and public outreach and plays a key role in organizing outreach activities at the lab. The committee is also extremely committed to promoting equity, diversity and inclusivity in all the outreach and education programs conducted at the lab.

Open House Activities

- I have also added an announcement for Volunteer sign up for the Open House (this was done early last month)
- Coordinated with Katie on circulating open house emails to the users
- Joseph and I have been also involved in “Neutrino Campus for Open House” effort (More of Joseph than me!)
- Given the very nice volunteers database, volunteer situation is going well.

Please volunteer for Fermilab Open House event on September 23, 2017

Fermilab will be organizing and hosting its largest open house in 20 years on Saturday, September 23 from 10 am to 4 pm, and the UEC would like to urge the users to contribute their time and talents to help Fermilab with this major community event. The Community Open House will welcome up to 20,000 adults and kids from the Chicagoland area to a celebration of 50 years of discovery, innovation and partnership at the lab. The event will include behind-the-scenes tours of many areas of the lab, science shows, live links to our partners in South Dakota, Europe and South America, hands-on activities, food and fun. Users are very much welcome to sign up and help with tours and other tasks during the event. Event volunteers will receive free t-shirt, hat and lunch. Please note that you are welcome to volunteer at the Open House as long as you:

- are 18 years of age or older
- agree to take part in mandatory pre-event training (much of this will be computer-based, but some roles will require additional in-person training)
- can come to Fermilab at some point September 18, 19 or 20 during business hours to pick up your materials (required t-shirt, hat, etc.)

If you meet the criteria and wish to help, please sign up for a half- or full-day shift at this link: [sign up as volunteer](#). After registration, more information will be emailed to you regarding arrival and departure times, parking, etc. If you have any questions, please contact [Barb Kronkow](#) (630-840-3351). More information on the open house can be found here: [open house](#).

Underground NuMI tours

- Mark Messier approached the sub-committee seeking help for finding more volunteers for the NuMI underground tours
 - These are not like our regular tours; one needs underground training but more important is familiarity with the area so they know where the escape routes are etc. in an emergency
 - Had a phone call with Dee Hahn about this; Folks from MINOS, MINERvA and NOvA would make best candidates for this. But, the problem is MINOS is dead, MINERvA has less and less students onsite, so most of this is falling on NOvA
 - Cindy Joe is the new underground in charge, so still waiting to have a conversation with her on this, but meanwhile we advertised the need on our UEC page (we emphasize the importance of training and familiarity)
 - WE will device a more coherent plan once we get Cindy's thoughts

Volunteers needed for Underground NuMI tours

Underground training along with familiarity with underground area are pre-requisites to give Underground NuMI tours. Volunteers who sign up to help with this will be given the needed training. Volunteers will also be asked to participate in a few tours to gain the needed familiarity. Please contact [Sowjanya Gollapinni](#), [Joseph Zennamo](#), [Cindy Joe](#), and [Dee Hahn](#) if you are interested.

SMP News

- SMP for AY 2017-2018 starts on September 30 (after Open house)
 - Great set of speakers planned (**two UEC members!!**)
<http://saturdaymorningphysics.fnal.gov/our-speakers-for-the-2017-18-school-year/>
 - A Spanish lecture planned this Fall by Marcela Carena on Nov. 18
 - In the future, need to coordinate with the Ask-A-Scientist program



Prof. Marcela Carena, University of Chicago and Fermilab Senior Scientist

Dr. Carena was born Marcela Silvia Carena Lopez in Buenos Aires. She received her Ph.D in High Energy Physics from University of Hamburg, Germany in 1989. She is a citizen of Argentina, Italy and the United States. She is the Director of Fermilab International Relations, and the head of Fermilab's Theoretical Physics Department. She is also a Professor in the Department of Physics and The Enrico Fermi Institute at the University of Chicago.

Dr. Carena will be giving an introduction to science at Fermilab in Spanish. We hope that Spanish-speaking science students from high school all over Northern Illinois will be able to attend. No registration is necessary.

Read more about Dr. Carena here: <http://home.fnal.gov/~carena/>

SMP News

- The plan to reach out to schools in underserved communities around Fermilab is moving fast and has been the focus over Summer
 - Targeted schools: Metea Valley, Elgin, East Aurora and West Chicago (plus downtown Chicago through SMP members who live in the Chicago area)
 - Contacts for all schools have been identified
- Primary goal is to build personal relations, this won't happen in one go
 - Currently scheduling school visits to reach out to the students
 - In addition to the SMP team, will reach out to the UEC members to help with the school visits
 - The school visits are planned to be informal “Science Cafe” Style chat and we will advertise SMP with the brochures
 - In any case, the visits will be followed by a school group visiting Fermilab for a tour and SMP team reconnecting with them

Metea valley is ahead in the race!

- Metea valley students visited Fermilab under “Metea Accelerator Program” for a week long exploration; the MAP program will be extended to other 3 schools
- The experience is captured in this very nice article:
<http://www.chicagotribune.com/suburbs/naperville-sun/news/ct-204-metea-stem-fermilab-st-0811-20170810-story.html>
- The goal is to pipeline these initial personal relations into SMP and TARGET programs



This is not just general personal relations, Fermilab is officially partnering with the listed schools!

Other News

- SMP also plans to get a desk at the Open House with nice brochures and pamphlets, so we can reach out to as many folks as we can
- SMP planned a slate of practice talks for Fall new speakers, would like to invite the outreach sub-committee to this (thinking of ways for UEC to continue participation in SMP after my term – so far it has been easy since I co-chair both :))

Lab-wide Volunteers database:

- This will be the highest priority item once the open house fever is done :)
- Will leverage the open house volunteer database (the design has almost all the elements we want, will probably need some more customization)
- **This will be a to-do for the sub-committee new leadership in the coming year!**

There is a lot to be done in the areas on Outreach & Education and Diversity & Inclusion, please consider joining the sub-committee and contribute to these efforts.

We welcome you with open arms :)