

Outreach Subcommittee Update

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Fermilab

My Brother's Keeper (MBK)

High Energy...High Ambitions student conference

- Held on May 2nd – was a very successful event!
 - Around 300 students attended the event, majority of them are from underrepresented groups
- UEC (Minerba, Sowjanya & Joseph) had a strong organizing role
 - Proposed & organized career panels
 - Neutrino tours planning
 - MicroBooNE Virtual Reality Atrium display for the day
 - All these events were well received and played a key role in the success of the event.



Saturday Morning Physics

- Spring 2017 session successfully finished last week
- Graduation day on May 13th!
 - **Nigel** is the chief guest and handed out certificates/prizes/appreciation awards
 - About 40 students graduated and received certificates
 - Lederman fellows Javier Duarte and Ting Li received appreciation awards for their hands-on help with the execution of the program during Saturdays
- Fall 2017 SMP session starts on September 30, 2017
 - Usual 9 lectures + additional lecture in Spanish

Nigel interacting with SMP parents on the graduation day



SMP Summer plans – reaching out to schools in URM communities

- Currently making a plan to reach out to schools in underserved communities. Will focus on:
 - West Chicago, East Aurora, Elgin and Metea Valley High School (Aurora) to start with.
 - Schools in downtown Chicago will also be reached out to (some members of the SMP team and other SMP volunteers live there, so it is easier to reach out)
- The important thing for this is identifying the right teachers (committed, passionate, open minded, aware of social issues etc.)
 - The school contact points for the MBK event from Sandra Charles is a great starting point, we will start from there
 - School visits in the months of August, September

Other SMP Summer plans

- Using “Flash cards” during the lectures was a nice warm up for our SMP lecturers before we moved on to using clickers
 - The clickers will be setup and lecturers will be trained to use it over Summer, so they can be implemented for the Fall session
- To better prepare our new SMP lecturers, a “Syllabus” document with some key ideas (and examples of how one can go about communicating those ideas to students) around which the lecture can be designed will be provided
 - Additionally, a “practice talk” policy is being worked out to better prepare the lecturers. This was already partly implemented for the Winter/Spring sessions and proved very effective especially for our inexperienced lecturers
- Onsite tour transportation is being worked out.
- More detailed analysis on the feedbacks received is actively going on.
- Revise tours – e.g. ICARUS will be at Fermilab, g-2 not accessible anymore

Outreach committee webpage content

- I have been working on the “outreach” committee mission statement and general content and the first proposal I have is to call this “Outreach, Education & Diversity committee” or “Outreach & Diversity committee” instead of just “outreach”
 - This better defines what we have been doing over the past few months since it is all O, E & D, so why not broaden the scope?
 - Also, Outreach, Education and Diversity, all of these go hand-in-hand and the outreach committee effectively interfaces with the Ed. Office, D&I office and Communications office for the activities we do.
 - The outreach committee will circulate a statement to the UEC soon and will update the content on the committee page

Outreach Volunteer Database

- Katie confirmed the plan is to still use the “Volgistics” system and the work is ongoing for a couple of months by Katie's team to configure it for our Open house needs
- UEC and Education office will meet with Katie and her team again early July to make use of what was developed for the lab wide volunteer database needs
- For now, I will add a couple of sentences (today!) that if users are interested to help out with any of the O, E & D activities, they can contact our sub-committee
 - I will also list contacts to Ed. Office (Spencer Pesaro) and D&I office (Sandra Charles)