

Community Advisory Board meeting  
January 28, 2016

Meeting began at 6:35pm

Attendees: Larry Brenner, Tom Van Cleave, Denis Kania, Dan Lobbes, Mollie Millen, Maureen McAllister, Tim Klaus, Alex Tsang, Tony Inglese, Jim Gebhardt, Gary Sutton, Paul Egeland, Ellen Huxtable, Crystal Porter, Leah Goodman

Fermilab staff: Nigel Lockyer, Katie Yurkewicz, Kurt Riesselmann, Gary Van Zandbergen, Rashmi Shivni and Barb Kronkow

Communication Director Katie Yurkewicz said hello to everyone and introduced Barb Kronkow, who will be taking meeting minutes starting with this meeting

Deputy Communication Director and CAB meeting facilitator Kurt Riesselmann welcomed all CAB members and they introduced themselves

Fermilab Director Nigel Lockyer showed a presentation on the Long-Baseline Neutrino Facility and Deep Underground Neutrino Experiment (LBNF/DUNE) (see presentation for more details). Fermilab's goal is to become the "neutrino capital of the world." This project requires a different type of international engagement than anything we've ever had before. The plan is to install the 1<sup>st</sup> big neutrino detector underground in 2021 in South Dakota. The experiment will measure neutrinos produced in Fermilab accelerators and by supernovae. Showed sneak preview of a new LBNF/DUNE animation. The 2015 Nobel Prize for Physics was for neutrinos – they are an important topic of research. A CAB member inquired as to why China is not on the list of international partners – we expect they may help build components but not be on the experimental collaboration – at least not yet – there is still work to be done to attract many more partners, including China. Would also like to involve scientists from Germany and Japan as partners. In parallel with the development of the flagship LBNF/DUNE projects the lab is developing its campus, which may include a hostel and other improvements (see following presentation).

Discussion of how CAB ties into this new project. CAB requests that laboratory be open and honest about any potential hazards and issues, including noise, vibration, truck traffic, tritium, etc. The community needs to be comfortable knowing that the lab will tell them when there's a potential problem.

Board member Tom Van Cleave suggested that the lab should be more proactive in communicating its status as a world center of science and technology. Director Lockyer stated that the lab wants to maintain a park-like atmosphere while at the same time communicating the science to visitors.

Fermilab architect Gary Van Zandbergen presented the updates to the lab's Campus Master Plan. He has been working on this plan for 3 years – it's important for us to continue to grow and develop our site's 6800 acres. The plan first identifies what is important, what the lab wants to accomplish using its site and physical infrastructure, organizing and designing the campus. Part of the plan is a revamp of site-wide signage, to make it for example more welcoming at the entrances, easier for 1<sup>st</sup> time visitors to find their way around, color-coded. There will be a thematic change for the Chez Leon on-site restaurant to make it more pub-like (think Two Brothers). Office space in Wilson Hall will also be redone, starting with the 13<sup>th</sup> and ground floors as the test floors. Timeline for the new Integrated Engineering Research Center (new building East of Wilson Hall) would have it fully occupied in 2021 (See presentation for details).

Group gave input on wayfinding project. Public areas should be clearly marked, signs along the roadways or markers could give information on landmarks as you would see in a National Park. Explore whether guards could proactively offer maps. Better entrance signs that would encourage selfies (think National Parks). Look into perimeter signage, that currently gives off a "don't come in" feeling rather than a welcoming feeling. Think about Fermilab "passport" stamps for National Park brochures. Create more signs for people who haven't been here before, fewer for people who are here all the time. Match colors that people expect: brown for recreation, green for direction, blue for services.

Group discussed upcoming CAB meetings and advertising them to the public to encourage broader engagement including from communities without current Board representation. Office of Communication staff will bring a proposal for advertisement and meeting organization to the May meeting for CAB approval.

Group discussed broadening participation by other underrepresented groups, increasing ethnic and socioeconomic diversity among members and participation.