

Minutes of the May 28, 2015 meeting of the Fermilab Community Advisory Board

In attendance:

Mark Bollinger, Todd Cumbow, Paul Egeland, Chris Faber, Jim Gebhardt, Ellen Huxtable, Tony Inglese, Denis Kania, Dean Kilburg, Dan Lobbles, Tom Van Cleave

Guests:

Rebecca Allen, Larry Brenner, Nigel Lockyer, Spencer Pasero, Kurt Riesselmann, Georgia Schwender, Anne Mary Teichert

Hosts:

Andre Salles, Katie Yurkewicz

Meeting called to order at 6:30 p.m.

Rebecca Allen of Water Street Studios in Batavia and Georgia Schwender, manager of the Fermilab Art Gallery, spoke about their successful partnership. (See presentations.) Allen gave a history of Water Street Studios – founded in 2009, home to 28 artist studio spaces. Schwender outlined the joint Fermilab/Water Street Studios events, including the Art@CMS exhibit (http://www.fnal.gov/pub/presspass/press_releases/2015/Art-at-CMS-20150121.html) and the Imagining Physics workshop. The current exhibit in the Art Gallery includes work by Water Street artists, Schwender said.

Dan Lobbles asked about press coverage for these events, and Schwender said it has been strong. She praised an article that appeared in the Batavia High School newsletter, and one from the Daily Herald. Jim Gebhardt asked about future plans to continue the partnership. Schwender and Katie Yurkewicz said that while nothing has been scheduled, ideas are in the works. Tom Van Cleave asked how the students were recruited for the workshop, and Fermilab docent Anne Mary Teichert said art teachers at four schools chose students to attend. Van Cleave encouraged the team to broaden the scope to include physics students with a love of art.

Fermilab Director Nigel Lockyer spoke about Fermilab's history as an international laboratory, and explained the new era of international cooperation that will begin with the LBNF/DUNE project. (See presentation.) Tom Van Cleave asked Lockyer how LBNF/DUNE can be the laboratory's first truly international project, given its history. Lockyer explained that partners in other countries will invest significantly in the construction of the facility, the first time that has been the case for a Fermilab project, and though it is hosted at Fermilab and at Sanford Lab in South Dakota, it will be operated fully by an international collaboration.

Jim Gebhardt asked whether Fermilab's international partners would build their components in the United States, and Lockyer said they likely would not. However, the U.S. builds its components for experiments in other countries here. Dan Lobbles asked how expected activity at the LBNF/DUNE facility would compare to activity at the Tevatron when it was operating, and Lockyer said it would be comparable, calling LBNF/DUNE the laboratory's flagship. Dean Kilburg asked if international partnerships made science more difficult, and Lockyer said they do not.

Lockyer said that DUNE would run for about 10 years, beginning in 2025. Tony Inglese asked what would happen to the many tons of liquid argon once the experiment was over. Lockyer said there may be another use for it. Dan Lobbles encouraged Lockyer to be sensitive to the Indian Creek watershed when constructing LBNF.

Lockyer presented each Community Advisory Board member with a Fermilab lapel pin.

Kurt Riesselmann of the Fermilab Office of Communications spoke about the upcoming June 24 public meeting about LBNF/DUNE. (See presentation.) Riesselmann asked the CAB for suggestions for a

facilitator for the meeting. Ellen Huxtable said she would have no problem with a member of the Fermilab staff facilitating, and other CAB members agreed. Denis Kania suggested Brook McDonald, president and CEO of the Conservation Foundation. Jim Gebhardt suggested Doug Sarno, who used to facilitate the CAB meetings. Huxtable pointed out that whoever is given the job must be able to handle whatever happens at the meeting.

Riesselmann detailed the publicity plan for the public meeting (see presentation), and asked the CAB for suggestions to increase that publicity. Leah Goodman suggested sending information to the public access cable channels in Batavia and Warrenville. Dean Kilburg encouraged the laboratory to reach out to Kane County Connects, the online news service. Gebhardt asked how many people were expected for the June 24 meeting. Riesselmann said the last public meeting on this project, held in 2012, drew between 70 and 80 people, and he expects more to come to this one.

Spencer Pasero of the Fermilab Education Office joined the group for a discussion about which summer festivals Fermilab should attend for public outreach. Pasero outlined the current thinking about festivals, and distributed a list of the ones considered, broken up into priorities. Pasero said that the objective was to include one festival in each of Fermilab's closest neighboring towns this year, and rotate through the list in subsequent years.

Several CAB members noted that no Naperville festivals made the top priority list, and suggested that be reconsidered. Ellen Huxtable recommended the Kane County Flea Market as an event that attracts a large and diverse audience. She also suggested connecting with the Kane County Cougars for one of their theme nights. Other CAB members suggested other events and discussed the potential audiences for the events on the laboratory's list.

Katie Yurkewicz told the Board about the recent groundbreaking for the Mu2e experiment. Todd Cumbow asked for an update on the Illinois Accelerator Research Center, and Yurkewicz said the center will be soft-launched later this year.

The meeting was adjourned at 8:45 pm. The next meeting is scheduled for July 23 at 6:30 p.m.