

Community Advisory Board meeting
May 26, 2016

Meeting began at 6:30pm

Attendees: Carrie Garstecki, Britta McKenna, Gary Sutton, Dan Lobbes, Larry Brenner, Sydney Jordan, Leah Goodman, Crystal Porter, Tony Inglese, Mollie Millen, Maureen McAllister, Denis Kania, Arlene and Dick Hawks, Timothy Klaus, Paul Egeland, Ellen Huxtable, Barbara Brady, Ray Stachowiak, Chris Faber

Fermilab staff: Katie Yurkewicz, Kurt Riesselmann and Rob Roser

Kurt Riesselmann: The baby bison have arrived; we have about a dozen. This is a busy time for Fermilab: we have a lot of visiting scientists, probably around 300 students and faculty; our on-site housing is not enough, so they have to use local hotels or rent apartments. The annual Fermilab Users Meeting is in June, and this year we are bringing in vendors to display high-tech equipment that our scientists might be interested in. The animation we made about the Deep Underground Neutrino Experiment has close to 100,000 views on YouTube. Fermilab scientists participated in the Chicago Science Festival and showed a Virtual Reality Demo, featuring a walk through a particle detector. We will offer CAB members a tour at the next CAB meeting.

Katie Yurkewicz: The DUNE collaboration has grown to 860 scientists from 29 countries. Chicago will host a major particle physics conference in August, called the International Conference on High Energy Physics (ICHEP). As part of this conference, scientists will offer various outreach activities: on August 7, there is a Physics Slam at the Museum of Science and Industry, and some science related activities will be offered at the Chicago Public Library.

Rob Roser, Fermilab Chief Information Officer: He gave a talk about “what do we do in computing and technology” at Fermilab. Fermilab is storing and analyzing huge amounts of data. Between the hardware and software our challenge is software. We use high-speed, high-volume data connections to transfer data across the ocean from the European laboratory CERN to Fermilab. We are now conducting a pilot project to use Amazon Cloud services for peak computing loads, sometimes for 60,000-70,000 jobs at one time. Slides of his presentation have been posted on the CAB website.

Discussion with CAB group: CAB raises awareness of issues important to Fermilab and the community, and CAB members help keeping everyone updated and informed, play role as ambassadors and advocates. Fermilab 50th anniversary ideas: Staff booths, fireworks and bands, art exhibits, create a town around Fermilab, exhibit in Batavia depot, work with Kane County Cougars to make an announcement, public service announcements, SciTech related event, school kids drawing pictures, collaborate on mural using materials and contributions from the

local community. Handouts by Katie Yurkewicz about Fermilab's plans for its 50-year anniversary in 2017 have been posted on the CAB website.

Meeting ended at 8:30 p.m.

Next meeting – July 28, 2016

Future meetings – September 22 and December 1.