

## **Fermilab Community Advisory Board November 21, 2019 Meeting Minutes**

*Members attending:* Larry Brenner, Chris Faber, Carrie Garstecki, Jim Gebhardt, Leah Goodman, Gabby Hernandez, Ellen Huxtable, Tony Inglese, Denis Kania, Tim Klaus, Britta McKenna, Mike Salazar, Arnolfo Santoro

*Guests:* none

*Fermilab/DOE personnel attending:* Leo Aliaga, Reidar Hahn, Alison Markovitz, Kim Mazur, Spencer Pasero, Kurt Riesselmann, Becky Thompson

### **Welcome and News from the Lab**

*Kurt Riesselmann*

Presentation linked in agenda

### **32 Years at Fermilab**

*Reidar Hahn*

Reidar spoke about his 32 years as the lab's photographer. Leon Lederman was director when Reidar started and since Leon retired Reidar has visited him in his home out west. Prior to Leon's death, Reidar visited him and brought a video from *Late Night with Leon*. Despite Leon's health challenges, his humor lived on when he said about himself in the video "I like that guy's hair." Leon had a great sense of humor, whether accepting the Nobel or spending time with the kids in daycare.

Reidar has seen the lab's mission evolve over time and the staff has always pulled together and moves forward and he feels the lab has a bright future. Just like the Tevatron brought people from all over the world here, current experiments like DUNE will do the same.

He joked that his favorite bird at Fermilab is the Canadian Goose. He does not have a favorite photo but does have plans for his last photo. There is a coffee table book on the history of Fermilab made for the lab's anniversary, *Fermilab at 50*. Reidar feels one of the best parts of the job is the international aspect, one can get on the elevator and hear multiple languages. At the lab everyone brings something of value, people take you seriously and embrace you. The world should run the way science does. He has shot photos from everywhere including helicopters and the top of Wilson Hall. He shared a story of a sculpture exhibit brought in one summer with one sculpture floating in the pond where IERC is being built. Security questioned him as he stood in the pond with his waders on. He ended up having a difficult time getting out because he was sinking. One of the coolest places he shot at was the Nevada Test Site. Fermilab is one of 7 National Environmental Research parks and a video was being made about them.

Reidar spoke about the connection between science and art which has a deep connection in our brains. Both need a creative approach, an open mind, a nothing is off the table attitude, everything under

consideration until you rule it out in order to discover the gem. Currently photos from Reidar's private collection are on exhibit in the Art Gallery through January 3.

### **Wonderful Women and Superheroes in STEM**

*Leo Aliaga*

Presentation linked in agenda

Discussion: The organizers of the event included Leo from Peru, Minerba from Venezuela, Aria from the US. The event was sponsored by the Hispanic/Latino Forum, a lab resource group. High school students attend with the parents, or a teacher or a mentor. Everything was done based on volunteer employees. There will be a similar event next year, it may be one big event.

### **Upcoming Events**

*Spencer Pasero*

Presentation linked in agenda

Discussion: The STEM Career Expo is not about where they work but rather how they got there so students understand the skills needed to develop and things they need to learn

The Jazz Ambassadors of the US Army Band will be performing at Fermilab on March 26 which is a CAB meeting night. There will be a short meeting prior to the concert and each CAB member will receive a pair of tickets to attend the concert.

### **Transition of CAB**

*Rebecca Thompson*

Becky is the new head of Education and Public Outreach and is bringing together education with community outreach. The discussion covered what CAB is now and looking ahead.

CAB in one sentence:

- liaison between lab and community
- communication between residents
- sounding board
- outreach to community
- early warning system from lab and community
- tell lab of community concerns, rumors
- workgroup for feedback and perspective
- ambassadors
- g-2 move, CAB heard a year ahead and provided advice
- opportunities, advise teachers
- resources

What made you want to join CAB?

- love of science
- proximity
- employee suggested
- first CAB group – had a project and wrote a paper
- learn more about what is behind the curtain
- open up two-way communication
- got appointed from local official
- advocate for environmental issues
- always interested in physics, attended lab lectures
- fermi is in backyard
- have a degree in science
- recommended through Diversity group
- CAB evolved, from more elected officials to appointed members

Most successful part of CAB

- what lab brings to economy and country
- keeping communication, awareness prior to announcements/events
- planning for 50<sup>th</sup>, brainstorming ideas, led to Physics Slam with IMSA students
- issues of public usage of property
- issues with construction
- diverse voices getting involved
- message out to wider community
- awareness to issues could be retweeted for public awareness, e.g. shotspotter
- what would help is to proactively receive information before an event, can help get people to events, can 'brag' on Fermilab, use BATV

Mission of CAB

- interconnect lab with surrounding community, engagement
- demystify
- corridor for communication
- deficit of understanding
- communicate, resonates, don't understand until they see
- need signs along Kirk
  - Neutrinos Near You
- make entrances more welcome
  - big welcome signs, lit, able to update remotely
  - perceptions of access
- do teaser billboards references lab URL
  - gets people talking
  - pose physics questions
- FaceBook group so CAB can repost and members get notifications
- have ongoing communication between meetings

- request post on city sites
- lab post on What's Happening local FB groups
- post on Kane County page
- have booths at local events (Warrenville is having a Holidays event on 12/6)
- promote award with Chicago Wilderness
- more info in local papers
- explain where CAB fits in lab organization
- more about Black Hole photo
- go to village for a meeting

8:30 Meeting Adjourned