

## **Fermilab Community Advisory Board September 24, 2020 meeting**

*Members attending:* Paul Egeland, Chris Faber, Jim Gebhardt, Leah Goodman, Ellen Huxtable, Denis Kania, Dean Kilburg, Tim Klaus, Crystal Porter, Mike Salazar, Debra Swinden, Thomas VanCleave, John Watts

*Fermilab/DOE personnel attending:* Lauren Biron, Anna Grassellino, Kate Gregory, Karen Kosky, Alison Markovitz, Kim Mazur, Becky Thompson

### **Introductions**

*Rebecca Thompson*

### **COVID-19 Update**

*Kate Gregory*

Approximately 50% of staff has been approved to come back on site. We are managing the process very carefully and are fortunate our cases are extremely low. There has been no situations with person to person contact at the lab resulting in an infection. We are monitoring closely to keep people as safe as possible.

The lab does not expect to see access level or personnel level changing in the near future. We continue to work the DOE and, given what is happening in our community and the country, and the lab's mission we are able to perform, we are in a good place to stay for awhile. We are not expecting lab population or lab access to change any time in the foreseeable future. We know that it is tough for the community as we receive communications all the time from the community. We understand and appreciate the interest in the lab and share the community desire to share the resources. This board is one of our main links to the local community and want to make sure you understand.

### **News from the Lab**

*Lauren Biron*

Presentation and links to communication highlighted are linked in the agenda.

### **Superconducting Quantum Materials and Systems Center (SQMS)**

*Anna Grassellino*

Presentation linked in agenda.

Q – You mentioned five centers, how does that work?

A – There are five national labs all with different missions using some similar technologies but not overlapping. All explore different architectures and work on their strengths.

Q – How do you manage national security with such an important initiative?

A – There have been changes in terms of scrutiny and levels of technologists and DOE is consulted prior to publishing.

Comment - Sounds amazing, waiting with bated breath to see how this turns out.

Reply - We want to be ambitious and focus and build a prototype. We hope to bring very important results.

Q - How do we convince young adults to pursue the education to support an initiative like this. You mentioned the initiatives from Northwestern University.

A – We will utilize all possible routes. There is so much attention in quantum young people are interested; however, quantum is a non-diverse field so we need to pay attention to that aspect.

Comment – The lab’s Education and Public Outreach is looking forward to partnering with Anna and others to emphasize quantum education at the high school level and is very excited with the possibilities.

## **Investing in the Future of Science: 2020 Update**

*Karen Kosky*

Presentation linked in agenda

Q - Where are people going to park?

A – Parking was at the top of the mind of most Fermilab employees about seven months ago, in the last six months it has not been a problem! While parking has always been an issue, the new reliance on remote work may help to quantify that.

Comment – We appreciate the commitment to surrounding communities.

## **What should Fermilab know?**

Warrenville has not been holding public events; however, the park district put on art fair which took a great number of social distancing precautions and produced a well-attended fair.

It was noted that things that we thought as negative with covid have really spread Fermilab’s footprints and given fuller access to Fermilab from areas that are underrepresented or under resourced, even for those physically close, which is encouraging when we talk about the next generation of quantum scientists. The net the lab is casting now is much wider bringing in people that couldn’t get to Fermilab because of geography or financial factors.

Comments from the lab - While nothing will ever fully replace seeing Wilson Hall and what Fermilab is, we are talking about how we can continue this outreach once we all get to the new normal. We are already discussing how we can carry forward the opportunities the virtual world has opened up and how we can welcome people back to the site.

The international reach has really been expanded – the winner of the last Trivia game was from India and the Arts & Lecture Series has people attending from more than two dozen countries. Teacher workshops now represent 12 different states rather than just the Chicago area.