



UEC Education and Public Outreach/Engagement

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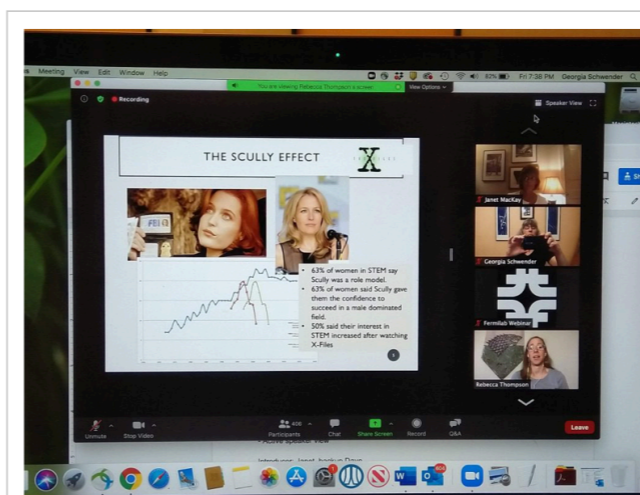
Fermilab EPE strategic plan and communication

- Becky Thompson wrote a Fermilab News article on the EPE new name and strategic plan
- Communicating the many EPE programs and activities
- Highlighting recent talks, recognizing members of the community that participated
- Engaging with the broader Fermilab community, inviting everyone to join, to inspire the next generation of STEM professionals
- Plan is to make these communications regular (monthly)
- A very positive new effort, very much along the goals and direction laid out in the EPE Strategic Plan

Fermilab Office of Education and Public Engagement gets a new name and a new strategic plan

December 14, 2020 | Rebecca Thompson

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In July, Fermilab Office of Education and Public Engagement Head Rebecca Thompson presented "The Scully Effect" as part of the Fermilab Arts & Lecture Series' virtual offerings. Image courtesy of Georgia Schwender, Fermilab

The Fermilab Office of Education and Public Engagement, or EPE, advances the Fermilab mission by engaging the community in Fermilab science and inspiring the next generation of STEM professionals. To best achieve this goal, the EPE Office has gone through a strategic planning process to guide us in the coming years. As head of the office, I wanted to update the whole lab community on our new direction. The EPE Office will continue to update the community monthly on [News at Work](#) to make sure everyone knows about the great work of the EPE Office and the numerous staff members who contribute to education and public engagement..

Over the past year we have gone through an extensive strategic planning process that included participants from across the Fermilab community. The process was guided by a strategic planning steering committee and task forces that explored specific areas of EPE. To ensure that equity, diversity and inclusion were at the forefront, Chief Equity, Diversity and Inclusion Officer Sandra Charles served on the steering committee. A plan such as this needs guiding principles, tangible actions and a process for evaluating success to be effective. All three elements are included in the new strategic EPE plan.

<https://news.fnal.gov/2020/12/fermilab-office-of-education-and-public-engagement-gets-a-new-name-and-a-new-strategic-plan/>

Fermilab internship programs

- We discussed issues with internship programs last year
- Of course, very difficult due to the pandemic
- Some internship programs managed to operate last year
- But weren't communicated very well, or equitably among potential Fermilab mentors
- We wrote to Fermilab EPE and EDI and communicated this feedback, concerns and suggestions, and offered to help in any way we can

Connecting with Fermilab EDI

- Sandra Charles replied very kindly to our offer
- They are also interested in including the user community more broadly in EDI efforts, including mentorships
- And that definitely aligns with our mission, as much as EPE programs
- **Sandra invited to meet with us on a regular basis**
- We will aim to support her Office's EDI programs as we can
- First meeting this Wed 1/20
- We will aim specifically to serve and represent the users/employees while empowering Fermilab's EDI programs

Fermilab Family Open House

- Will be held February 10-14
- Amanda Early and Fermilab EPE organized brown bag event to communicate status and get feedback
- Rich schedule largely fleshed out with many exciting events!

Fermilab Family Open House Daily Schedule

Scavenger Hunt:
People can submit pictures of completing the clues. Sample clue is build a 1:100 scale model of a DUNE detector

On-Demand Interactive Activities:
Pre-recorded or live video demonstrating different physic concepts for people to do at home

Be a part of pARTicles:
Community art show with submissions coming in from around the world!

Kids Interviewing Lab Staff:
Office of Communications will workshop questions with students (elementary) to record interviews with lab staff to post each day.

11:00 AM & 2:00 PM Wednesday through Friday
Teachers can sign up their classes to meet with lab staff

7:00 PM
STEM Story Walk: Facebook Live
Lab staff read STEM stories to kids

Fermilab Family Open House Live Event Schedule and Registration

Wednesday, February 10	Thursday, February 11	Friday, February 12	Saturday, February 13	Sunday, February 14
10:00 AM Introduction to Science at Fermilab	10:00 AM Quantum Lab Virtual Tour	10:00 AM From Concept to Experiment Talk	10:00 AM ProtoDUNE Virtual Tour (?)	1:00 PM Ask-a-Scientist: Science of Physics Demos
1:00 PM Cosmic Ray Lab	1:00 PM Lederman Science Center Virtual Tour	1:00 PM Ecology Virtual Tour	1:00 PM Fermilab Trivia	2:30 PM Art and Science at Fermilab
4:30 PM Fermilab's Bird Monitoring	4:30 PM Fermilab Prairie Seed Harvest	4:30 PM What are soil scientists investigating at Fermilab?	2:00 PM Ecology Talk	3:00 PM Simon Says Make an Electromagnet
	7:30 PM Finding the Significant in the Insignificant: Jim Jenkins	7:30 PM Pecha Kucha	Time TBD Mr. Freeze	3:30 PM Bats in Illinois and around Fermilab
			7:30 PM Particle Physics Contribution to Medicine - Panel	7:30 PM Iron Scientist

Fermilab Family Open House

- Many volunteers needed for the event
- Webpage set up, will be sent out
- Along with volunteer sign up form
- Becky also mentioned Physics Slam on April, calling for people to participate



The screenshot shows the Fermilab website header with the logo and tagline "Bringing Science Education to You!". The navigation menu includes links for "Fermilab", "Programs", "Science Adventures", "Calendar", "Registration", "About", "Contact", "FAQ", and "Fermilab Friends". A secondary menu has "Home", "Educators", "Families", "Employees", "Students", "Visitors", and "Internships". A search bar is present with "Fermilab Ed Site" and "Google Custom Search".

Fermilab's Batavia site is currently closed to the general public.

As a precautionary measure related to COVID-19, the entire Fermilab site in Batavia is closed to the general public. This includes access to the walking/bicycling paths. All public events and tours are canceled, postponed or held remotely until further notice. We appreciate your understanding.

For information on some of Fermilab's virtual offerings, please visit <https://news.fnal.gov/2020/04/particle-physics-at-home/>. Information on Fermilab in the fight against COVID-19 is located at <https://www.fnal.gov/pub/about/covid19/>. Additional information on Fermilab's precautions regarding COVID-19 is located at: <https://www.fnal.gov/covid19>.

Introduction to Fermilab (Video Player)

2021 Virtual Family Open House

Fermilab is going to open our house ... in *your* house! Instead of an on-site open house this year, we're planning five days of online activities that you can join from wherever you are! Registration links are added each day. Watch this space for more details!

<https://ed.fnal.gov/events/openhouse/>

- I see as important part of our function to promote participation among our users
- Difficult issue as wide mailing lists are not accessible
- Will experiment with asking UEC and FSPA to help us spread to our communities when signup opens

Ask-a-Scientist

- Amanda Early is running the program
- Sara Simon, recent Wilson Fellow, gave the January presentation last weekend
- February AaS as part of the Family Open House
- Too much reliance on few people in organizing committee to lead/panel at events
- We aim to improve recruiting and making participation more broad
 - which should make the program much healthier

TARGET HS internship

- Run mostly by EDI Office
- Program currently accepting applications, with informational webinar coming up
- Program was communicated very well through LRGs
 - Jeomar and Sandra from EDI are doing very good work
 - And LRGs are an excellent avenue for wide communication

Fermilab EPE programs

ACT-SO mentoring program

- Organized by DuPage NAACP chapter, and Argonne
 - Fermilab participation through both EDI and EPE
 - Manolis is participating as mentor
- Mentoring minority HS students with STEM project that will be presented in local and potentially national competition
- Challenging program, significant experience for students
- First participation by Fermilab with ~3 mentors
 - EPE collected feedback from our experience so far
- Part of Fermilab EPE effort to engage with surrounding communities
 - Parallel with other efforts, such as a virtual professional development program with West Chicago teachers

Name change

- Proposal to change the name of our subcommittee
 - Announced last month by Alexx, according to our Constitution
- From: Education and Public Outreach
- To: **Education and Public Engagement**
- Follows the name change of the Fermilab Office
- Better represents the goals and strategic direction of Fermilab EPE
- We seek to **engage with** all communities we serve, creating a two-way conversation with our diverse audiences

Time to vote!

With many thanks to Kim and Ashley for organizing