



Fermilab Student and Postdoc Association (FSPA)

Deepika Jena
New Perspectives
11 Jun 2019

FSPA serves to help...

*Fermilab **S**tudent & **P**ostdoc **A**ssociation*

- **F**orm deeper connections between early career researchers
- **S**hare cultural events and activities from various backgrounds
- **P**rovide support to the community of early career researchers at Fermilab
- **A**ct as liaison between students/postdocs and the Fermilab directorate

Who are we ?

Each year a group of grad students and post docs are democratically elected to serve as a FSPA officer for a year term.

FSPA

Current officers

Social Events >

New Perspectives 2018 >

Career Activities

Diversity and Inclusion

Resources

Guide to life

Search this site...

Search

FSPA

Who are we?

The Fermilab Student & Postdoc Association (FSPA) represents the community of early career researchers at Fermilab, including all students, postdocs, summer students, and interns.

What do we do?

We organize events throughout the year, including the New Perspectives conference and annual Fermilab vs. Argonne Soccer Match, and cosponsor many smaller social events designed to engage the community of students, postdocs, and other early career researchers local to Fermilab. FSPA also acts as custodian of long-lived documents, such as the Fermilab Guide to Life, and provides resources via the FSPA webpages.

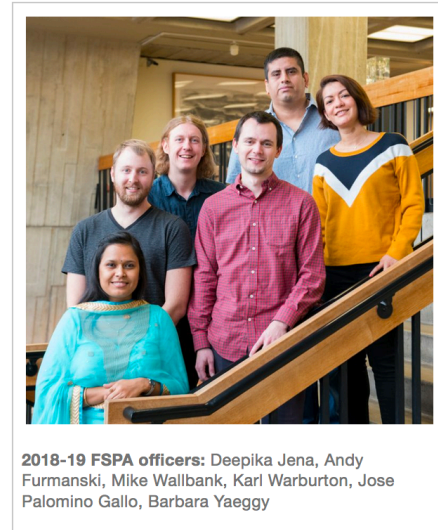
And, we're a great resource that's available to you if you've got any questions or problems while you're at Fermilab. **If you have any questions for the officers feel free to send an email to fspa_officers@fnal.gov.**

Be sure to subscribe to our mailing list, fnalgrad@fnal.gov, by following [this link](#). Also, like us on [Facebook](#), to keep up to date on all of the goings on this year!

The FSPA mission

Each year, a core group of democratically elected officers oversees the utilization of funds allocated to FSPA by the Fermi Research Alliance (FRA), via the Fermilab Directorate, towards the accomplishment of two key aspects of the FSPA mission:

- **Support the community of students, postdocs, and all other early career researchers at Fermilab by performing endeavors such as**
 - **Providing resources**
 - **Organizing social events and the annual New Perspectives Conference**



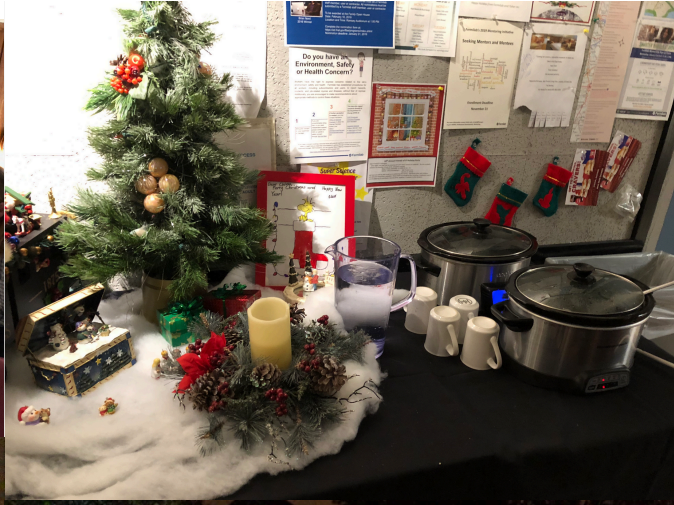
2018-19 FSPA officers: Deepika Jena, Andy Furmanski, Mike Wallbank, Karl Warburton, Jose Palomino Gallo, Barbara Yaeggy

Events all year around.

Share cultural events and activities from various backgrounds

- Halloween Party
- Thanksgiving Potluck
- Chinese New Year
- Spring Potluck and Egg Hunts
- Brazilian BBQ

Events all year round !



Organize New Perspectives



New Perspectives 2019
10-11 June 2019
Fermi National Accelerator
Laboratory
US/Central timezone

- Overview
- Social Events
- Registration
 - Registration Form
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Contribution List
- Author List
- Book of Abstracts
- Registrants List
- Fermilab Statement of Community Standards

Mon 10/06 **Tue 11/06** All days

Print PDF Full screen **Detailed view** Filter
Session legend

Coffee break Lunch Tuesday Afternoon I Tuesday Afternoon II see more...

09:00	CMS in 10 minutes <i>Cristina Ana MANTILLA SUAREZ</i>	09:00 - 09:15
	<i>One West, Fermi National Accelerator Laboratory</i>	
	Perturbative QCD in 10 Minutes <i>Joshua ISAACSON</i>	09:15 - 09:30
	<i>One West, Fermi National Accelerator Laboratory</i>	
	Lattice QCD in 10 Minutes <i>William JAY</i>	09:30 - 09:45
	<i>One West, Fermi National Accelerator Laboratory</i>	
	Scintillator Tiles for the High Granularity Calorimeter of the CMS Detector at the HL-LHC <i>Ramanpreet SINGH</i>	
10:00	Layout and performance of GE1/1 chambers for the CMS muon spectrometer upgrade <i>Mr. Aashaq SHAH</i>	
	Reconstructing proton-proton collision positions at the Large Hadron Collider with a D-Wave quantum computer <i>Andrew WILDRIDGE et al.</i>	
	Coffee break: Coffee break	
	<i>One West, Fermi National Accelerator Laboratory</i>	10:30 - 11:00

157 participants
53 abstracts
8 Chairs

EDI and Career:

Provide support to the community of early career researchers at Fermilab

- **Diversity and Inclusion (D&I) Activities** : Educate ourselves and raise awareness about issues concerning Equity, Diversity, and Inclusion at the lab. Provide tools for users and employees to work towards a more inclusive environment.
- **Career Activities:** A Discussion on The Application Process for Jobs at National Labs, Paths to Tenure Faculties and Academia to Industry.

EDI Seminar Series:

EDI Seminar Series 2019

Journeys: Paths to the Academy

presents

Brian Beckford, PhD

Assistant Professor/Presidential Postdoctoral Fellow, University of Michigan

Friday, 5/24/19 11:30AM-1:30PM
Curia II, Wilson Hall



Abstract: Dr. Brian Beckford's education begins with college in Miami after a childhood in Jamaica and graduate education in Japan as a Super Doctor Fellow. Following the completion of his doctorate, Dr. Beckford worked in outreach at the American Physics Society as the Project Manager for the Bridge Program. He then changed tack and became a Presidential Postdoctoral fellow at the University of Michigan, Ann Arbor. Since then he has transitioned to an Assistant Professor at the same institution and specializes in Nuclear Physics. Please join us as Dr. Beckford details his experiences in academia as well as his success in other careers.

Ask Questions! Expect Discussion!
Snacks and Refreshments at 11:30! Talk Starts at 12:00!

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EDI Seminar Series 2019

Journeys: Paths to the Academy

presents

Cagliyan Kurdak, PhD

Professor & Director of Applied Physics, University of Michigan

Friday, 4/26/19 11:30AM-1:30PM
One West, Wilson Hall



Abstract: Following our theme of highlighting contemporary paths to scholarship for underrepresented minorities in STEM, our April iteration will feature the current director of the Michigan Applied Physics program, Dr. Cagliyan Kurdak. Dr. Kurdak will touch upon the continued effectiveness of the Applied Physics program as well as interaction with similar programs both within Michigan through the Innes-Mcure Bridge Program and as implemented on a national scale through the APS Bridge Program. Currently, the Applied Physics program hosts one of the highest completion rates for persons of color and women.

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Career Discussions:

From Academia to Industry

Friday, April 26th, 12:30-13:30 Hrs *
Curia II (WH2SW)

Michelle Mathis, PhD
(Fermilab Alumnus)
Research Staff Member
Institute for Defense Analyses



Michele works for the Institute for Defense Analysis (IDA). It is a Federally Funded Research and Development Center (FFRDC). IDA is often referred to as a "think tank" organization. Like Fermilab IDA do a lot of data analysis and produces papers, we don't get to play with laboratory equipment.

Michele plans to highlight skills that particle physicists have that apply to jobs outside of academia and offer some ways to communicate those skills to potential employers.

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*Refreshments & snacks at 12:00 - 12:30 CT
Talk starts at 12:30 - 1:30 pm CT
Discussion: 1:30 - 2pm CT

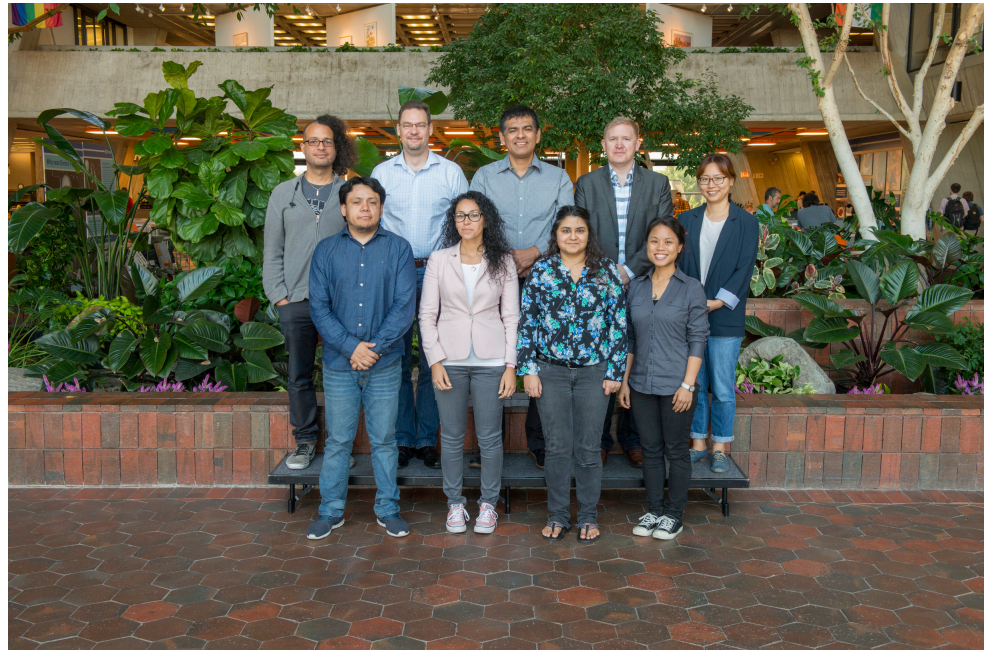


- Panel consisting of Fermilab scientists, faculties and industry
- Questions/discussions about applying to jobs at national labs
- More than 50 people attended
- Lots of positive feedback – people want more!

Directorate liaison:

Collaborate with Fermilab Users Executive Committee

- Attend and report at the UEC meeting
- Participate in the UEC sub-committees
- Serve on organizing committee for the Users Meeting
- Co-host events



DC Trip

Organized by UEC every year

- Meet with Congresspeople, Senators and their staff
- Educate Congressional offices about science
- Share our enthusiasm for the cutting-edge research with the congressional staff
- Every office was been visited by current or previous FSPA officers
- Two weeks after the trip, the Senate and the House passed the FY18 budget.



Stay in Touch with us...

- Sign up for the fnalgrad email list:
 - Send an e-mail message to listserv@fnal.gov
 - Leave the subject line blank
 - Type "SUBSCRIBE FNALGRAD <FIRSTNAME> <LASTNAME>" (without the quotation marks) in the body of your message.
 - OR, follow this link:
<https://listserv.fnal.gov/scripts/wa.exe?SUBED1=FNALGRAD&A=1>
- Check out our website:
 - <http://fspa.fnal.gov/>
- Follow our facebook page
 - <https://www.facebook.com/FermilabFSPA/>

We want to Share your Culture

- Does your country/group have any great cultural events that you would like to share with the rest of the Fermilab community?
- Do you have some wonderful ideas about events/activities but don't know who to talk to?
- Contact us: fspa_officers@fnal.gov
- If you have ideas, we have resources
- Let's make it happen!

Thank You !