

# NSF LIFE SYSTEM

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PEAB IAB Meeting

Drexel University Nyheim Plasma Institute

February 11-12, 2019

Victoria Hill, PhD, Assessment Coordinator

# Sign onto LIFE system site

- Go to: [www.iucrc.com](http://www.iucrc.com)
- You will be re-directed to:  
<https://iucrclife.chass.ncsu.edu/lifeforms/>

# Choose: PEAB - Plasma Energy, Agriculture & Biomedical February 11, 2019

## Open Meetings

The following listing of meetings is within a  $\pm 30$  day range

Date	Center Name
January 10th, 2019	The LIFE Center
January 17th, 2019	NSF SHREC Center
January 24th, 2019	Center for Embedded Systems
January 29th, 2019	Ma2JIC
January 30th, 2019	Wind Energy Science, Technology...(WindSTAR)
February 5th, 2019	C-UAS Texas A&M Planning Mtg
February 6th, 2019	C-UAS Cntr for Unmanned Aircraft Sys IAB Mtg
February 7th, 2019	CDADIC
February 11th, 2019	PEAB Plasma, Energy, Agriculture & Biomedical
February 12th, 2019	Center for Particulate and Surface Systems
February 14th, 2019	ASIC
February 15th, 2019	CIEE
February 18th, 2019	WGRC I/UCRC
February 27th, 2019	CADMIM
March 5th, 2019	DCJAR

Enter Password: plasma2019  
(all lowercase)

**L.I.F.E.** Level of Interest  
and Feedback  
Evaluation Forms

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**Enter Password**

Password:

Proceed

# IAB members choose role: IAB (Industrial Advisory Board)

**L.I.F.E.** LEVEL OF INTEREST AND FEEDBACK EVALUATION FORMS

**Select Your Role**

[\[IAB\]](#) [\[PI\]](#)

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Questions? Comments? email [iucrc@ncsu.edu](mailto:iucrc@ncsu.edu)

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# Choose: Evaluate Project after each presentation

**L.I.F.E.**

Level of Interest  
and Feedback  
Evaluation Forms

[Meeting Summary](#) [PDF Meeting Summary](#) [MS Word Meeting Summary](#)

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## PEAB Plasma, Energy, Agriculture & Biomedical (Drexel Nyheim Plasma Institute) - February 11th, 2019

### IAB Feedback

[Index of Projects](#)

Project Phase	Project Title	Project ID	Evaluate Projects	Project Summaries
New	<a href="#">Plasma chemistry of water and other liquids</a> - Greg Fridman (DU)	1	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Waste-to-Energy and Water Treatment: Scaling Up to Industrial Size Gliding Arc Plasma</a> - Alexander Rabinovich (DU)	2	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Planar plasma jet: characterization, diagnostics and surface interaction</a> - Danil Dobrynin (DU)	3	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Adaptive plasmas and plasma mechanism</a> - Michael Keidar, Taeyoung Lee (GWU)	4	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>

# IAB response options for NEW projects

- Level of Interest

- Very Interested
- Interested
- Interested with Change
- Not interested

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- Abstain (Outside my group's ability to evaluate)
- I've already rated – providing additional comments

- Comments

- Questions

- Suggestions

# After completing evaluation, Submit

**Suggestion:**

Provide any suggestions you have for improving this project or making it more relevant to you needs or interests

**Note: This information will not be divulged during the review**

Your Name:

Your Organization:



Questions? Comments? email [iucrc@ncsu.edu](mailto:iucrc@ncsu.edu)

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# Researchers choose: **PI** (Principal Investigator) to respond to IAB comments

**L.I.F.E.** LEVEL OF INTEREST  
AND FEEDBACK  
EVALUATION FORMS

## Select Your Role

[\[IAB\]](#)      [\[PI\]](#)

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# PI Instructions

**L.I.F.E.** LEVEL OF INTEREST  
AND FEEDBACK  
EVALUATION FORMS



## Instructions for PIs:

By selecting "Response to comments" on the following page next to your project you will be able to respond to specific comments provided by IAB members. Simply write a reply in the text box that is provided, enter your name and select "Submit Response" when done. Multiple PIs can submit comment. Your reply and name will be visible to all who access the site and will be debriefed at the IAB session.

Please note:

- ❖ Only provide replies for your project
- ❖ Do not feel obligated to reply to every comment (e.g., "great project" probably doesn't require a reply)
- ❖ Be brief and to the point in your replies: less is more

[\[Continue to Response Page\]](#)

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# PIs respond to IAB on their own projects

**L.I.F.E.**

Level of Interest  
and Feedback  
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## PEAB Plasma, Energy, Agriculture & Biomedical (Drexel Nyheim Plasma Institute) - February 11th, 2019

### PI Response

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# PIs respond to IAB

- PI Summary Response – can respond to **Level of Interest** scoring
- PI should also respond to specific
  - **Questions**
  - **Comments**
  - **Suggestions**
- You will need to identify yourself with your name so others can see who is responding

# To review Researchers' responses and others' questions on *individual projects*, choose **Summary**

**L.I.F.E.**

Level of Interest  
and Feedback  
Evaluation Forms

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To review the ratings for *all* the presented projects, choose Meeting Summary, PDF, or Word Meeting Summary

**L.I.F.E.**

Level of Interest  
and Feedback  
Evaluation Forms

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# Member Pulse Survey

- NSF has initiated a new “[Member Pulse Survey](#)” to generate quick and immediate feedback from each meeting
  - The link is at the very end of the list of projects
  - Please have one individual per member complete the survey before the end of the IAB meetings
- Please complete the survey before you leave the IAB meetings

# Member Pulse Survey

New	<a href="#">Plasma simulation validations</a> - Carles Corbella (GWU)	5	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Discharge initiation</a> - Michael Keidar (GWU)	6	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Adjustable pH plasma based water purification system</a> - John Foster (UM)	7	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Efficacy of Plasma Removal of Oil Molecules in Water</a> - John Foster, Mark Kushner (UM)	8	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Addressing impedance matching and noise generation in pulsed power plasma reactors</a> - John Foster, Mark Kushner (UM)	9	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>
New	<a href="#">Water Treatment and Waste-to-Energy Conversion by Plasma and Nanoparticles</a> - Anatoly Maltsev (DU)	10	<a href="#">Evaluate Project</a>	<a href="#">Summary</a>

Designated member representative (**one per member**) please complete the [Member Pulse Survey](#)

[Welcome to the new site! If you find any issues, please contact iucrc@ncsu.edu.](#)



Part of the NSF's I/U CRC program.

Questions? Comments? Email [iucrc@ncsu.edu](mailto:iucrc@ncsu.edu)



# Importance of Feedback

- LIFE feedback from IAB is critical to helping Researchers clearly define projects that IAB members are interested in funding.
- LIFE Researcher response to IAB feedback is critical to helping IAB understand details of presented projects, and for Researchers to make modifications/extensions to projects to appeal to IAB.