

InterLACE 2024

Information Session and Q&A



January 25, 2024



Agenda

- What is InterLACE?
- Who is running this event?
- Who can apply to present?
- Event timeline
- Resources for applicants and presenters



What is InterLACE?



Virtual Research Showcase!

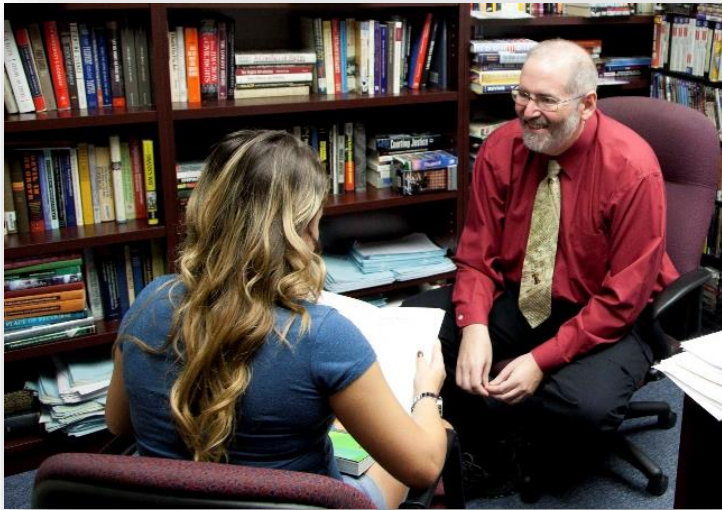
*Friday, April 12, 2024
approx. 9:00am-3:30pm*

- 5-min poster presentations
- 15-min slide presentations

Virtual = Open to participants from every NSU campus!

What is InterLACE?

InterLACE is an acronym with two parts:



- "Inter" indicates the **inter**disciplinary and **inter**professional research collaborations that are featured
- "LACE" stands for **L**everaging **A**cademic **C**ollaborations for **E**xcellence

<https://www.nova.edu/dor/interlace-research-showcase>

What is InterLACE?

Collaborations featured at this event must include **substantive involvement** of members from different disciplines and/or professions at **multiple stages** of the research process.

- “**Interdisciplinary**” = involving two or more academic disciplines, typically researchers from different departments or colleges
- “**Interprofessional**” = involving two or more professions, learning from, about, and with each other
(<https://nexusipe.org/informing/defining-the-field>)

What is InterLACE?

- **Handbook of policies and procedures:**

https://www.nova.edu/dor/files/interlace-2024-policies-procedures-handbook_final-for-web.pdf



InterLACE Committee

The 2024 event is being organized by members from NSU's Division of Research & Economic Development, Center for Interprofessional Education & Practice, and Interprofessional Simulation Institute:

- Melanie Bauer (mbauer1@nova.edu)
- Elizabeth Swann (swann@nova.edu)
- Dawn Wawersik (dwawersi@nova.edu)
- Jordan Merritt (jm3137@nova.edu)
- Gesulla Cavanaugh (gcavanaugh@nova.edu)
- Peter Gannett (pgannett@nova.edu)



Who can apply to present?

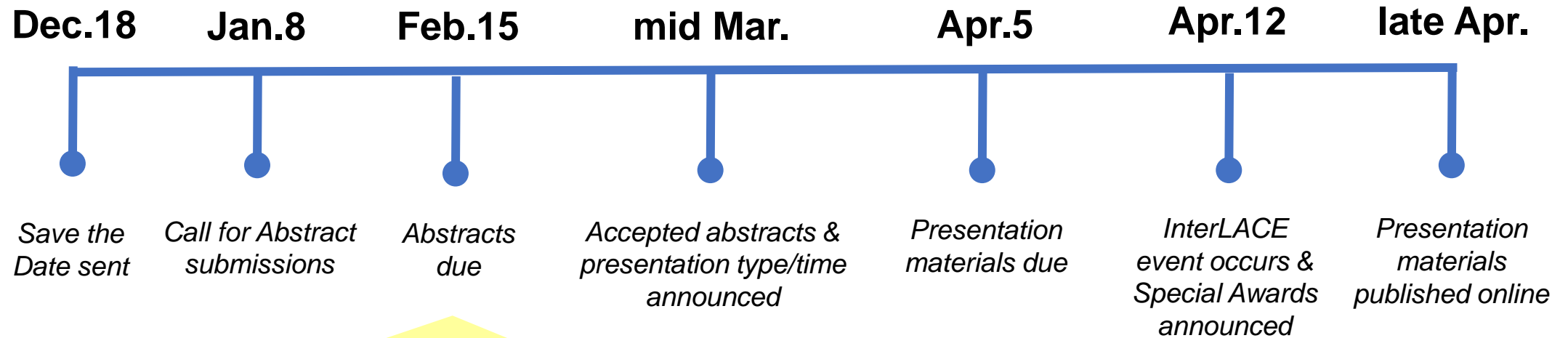
- The “Presenting Author” at the event must be an **NSU faculty member, clinician, research staff, or student**. They must also be affiliated with NSU on the April 12 event date.



- Project Collaborators do **not** need to be affiliated with NSU and are welcome to attend but it is not mandatory.
- An individual can submit **up to two abstracts** as the Presenting Author, but only one abstract will be selected for presentation at the event.



Event timeline



Apply to present by **February 15:**

<https://www.nova.edu/dor/interlace-research-showcase>

Resources for Applicants

- [Policies & procedures handbook](#)
- [Abstract Sample](#)



InterLACE Abstract Sample (**for major narrative sections of the abstract*)

1. **Interdisciplinary/Interprofessional (150-word limit):** *Justify how this project represents an "interdisciplinary" and/or "interprofessional" approach to a research question/topic. "Interdisciplinary" = involving two or more academic disciplines, typically researchers from different departments or colleges. "Interprofessional" = involving two or more professions, learning from, about, and with each other.*

This project has taken an interdisciplinary approach within life sciences to determine if self-cell signaling can be blocked with targeting antibodies and/or outcompeted through saturation with known ligands. The biology of human cells and immune responses were consulted while designing and performing the experiments while the morphology of cells was used to determine stage and response of cells to external stimuli, and biochemistry was addressed through fluorescent labeling and performing an enzyme linked immunosorbent assay. The interprofessional team that worked on this research project included students, lab technicians, clinicians, and research scientists/faculty from several colleges. Those from the clinical side were able to collect and isolate human cells for the research team to utilize in co-culture experimentation and manipulation. Both sides were able to meet on a regular basis to cross-train on experimental procedures to help maintain a working knowledge of the progress and develop professional skills as a team.

2. **Project Title (15-word limit):** *Descriptive title for the abstract submission.*

Outcompeting Cancer's "Don't Eat Me" Signal to Promote Immune Clearance

3. **Background (150-word limit):** *Describe the current knowledge in the field or targeted societal problem—What existing need or gap does the project address?*

An effective immune response is divided into two collaborative phases: the innate immune response and the adaptive immune response. Our first line of defense, the innate immune response is responsible for recognizing and attempting to eliminate a pathogen, while processing and presenting the pathogen to adaptive immune cells to produce antibodies specific to the pathogen. Innate immune cells will differentiate self-cells from non-self-cells by recognizing surface molecules on the outside of the cells. When CD47 on the surface of a self-cell interacts with SIRP α on the surface of an immune cell, no immune reaction will take place and this interaction is known as the "Don't eat me" signal; however, in the absence of an CD47-SIRP α interaction, the immune cell recognizes the interacting cell as foreign and should be eliminated. Unfortunately, cancer cells originate as self-cells and can exploit the "Don't eat me" interaction to evade immune clearance.

4. **Objectives/Research Questions (100-word limit):** *List the goals or aims of the project. Alternatively (or in addition), list the key research questions the project investigated.*

It is important to determine if the CD47-SIRP α interaction between cancer and immune cells can be blocked and as a result aid the immune cell in mounting an effective

Abstract Review: Acceptance and Awards

Criterion	Definition	Weight
Interdisciplinary/ Interprofessional	<p>Exemplifies an interdisciplinary and/or interprofessional collaborative approach, with <u>substantive involvement</u> of diverse team members crossing disciplinary and/or professional boundaries at multiple stages of the research process.</p> <ul style="list-style-type: none">• “Interdisciplinary” = involving two or more academic disciplines, typically researchers from different departments or colleges• “Interprofessional” = involving two or more professions, learning from, about, and with each other	40%
Approach	<p>The overall strategy, method, and analysis are well-reasoned, organized, and appropriate for the type of project.</p>	30%
Impact	<p>Advances knowledge in a given field or multiple fields and/or has the potential to have (or has had) a significant impact on a societal problem.</p>	30%

Abstract Review: Acceptance and Awards

4 Award Categories for Abstracts



1. Best Student Abstract
2. Best Faculty, Clinician, or Staff Abstract
3. Best STEM or Health/Medicine Abstract
4. Best Arts, Business, Humanities, Law, or Social Sciences Abstract



Resources for Presenters

Guides and Templates

- [Policies & procedures handbook](#)
- [Poster Template](#)
- [Poster Sample](#)
- [Poster Presentation Guide](#)
- [Slide Presentation Template](#)
- [Slide Presentation Sample](#)
- [Slide Presentation Guide](#)

Tips and Practice Events

We will schedule two support events for presenters:

1. Research Presentation Tips
2. Practice Presentations with feedback

Questions?

