LaSPACE 2025 Annual Meeting:
Welcome & Review of Agenda

Colleen H. Fava, Director

LaSPACE 2025 Annual Meeting
LSU Student Union | Magnolia Room
Friday, November 7, 2025

LaSPACE 2025 Annual Meeting
Goals & Objectives

Goal 1: Inform the Community
- **Provide Programmatic Updates**
  - ✓ LA Space Grant & NASA EPSCoR
  - ✓ Federal & State STEM Priorities
  - ✓ Sister Program Opportunities

Goal 2: Promote the Community
- **Showcase our Funded R&D**
  - ✓ LA Space Grant & NASA EPSCoR
  - ✓ Faculty, Staff, & Student Presentations
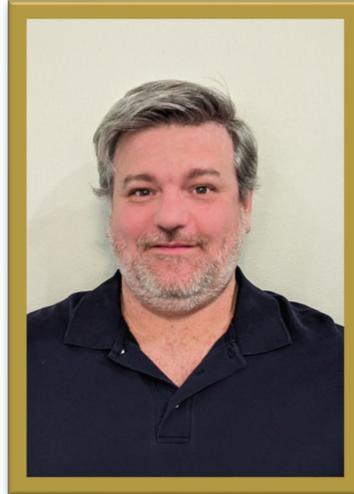 - ✓ Networking Opportunities

COLLEEN
Colleen H. Fava
Director

DOUG
Doug Granger
Assistant Director

AARON
Aaron Ryan
Program Manager

JONATHAN
Jonathan Smith
Program Coordinator

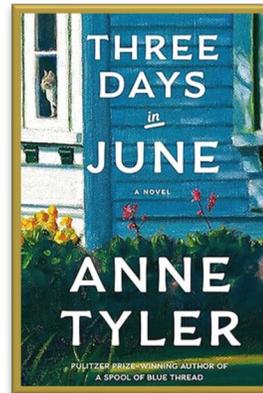*Shout out to our volunteers:* **Anthony Ficklin & Jerry Peck!**

NASA SPACE GRANT LOUISIANA

Louisiana Space Grant & NASA EPSCoR
Who is Colleen, *really?*

- *Core Values: Inclusivity & Authenticity*
- *Born & Raised in New Jersey*
- *B.A. English & Sociology, New Jersey City University*
- *M.F.A Writing, Louisiana State University*
- *Married to my best friend, Jerry Peck*
- *World's Best Step-kids: Abby(21) & Owen(18)*
- *Cats: Mr. SmartyPants(18), RIP Tish, & BabyPants(12)*
- *Doggy/Soulmate: Chuckleberry Hound*
- *Compulsive Reader*
- *STAR Board of Directors, Chair*
- *National EPSCoR/IDeA Coalition Board Member*
- *NASA EPSCoR Nominating Committee*
- *National Space Grant Council of Directors Executive Committee Member*

THREE DAYS in JUNE

A NOVEL

ANNE TYLER

PULITZER PRIZE–WINNING AUTHOR OF A SPOOL OF BLUE THREAD

NASA SPACE GRANT
LOUISIANA

LaSPACE Fall 2025 Annual Meeting Agenda

Annual Meeting of the NASA Space Grant & EPSCoR Programs in Louisiana

Louisiana State University, Student Union 3rd Floor - Magnolia Room, Baton Rouge, LA

	FRIDAY, NOVEMBER 7, 2025		
	8:00 am Check-In Desk Opens - Coffee & Networking		
	Formal Meeting Session Opens at 9:00 am		
9:15 AM	Meeting Call to Order: LaSPACE Welcome & Review of the Agenda	Colleen H. Fava	LaSPACE / LSU
9:20 AM	In Memoriam: John P Wefel (1944-2025) & T. Gregory Guzik (1952-2025)	All Attendees	All Attendees
9:50 AM	Group Activity	All Attendees	All Attendees
	Building the Network: LaSPACE Updates & Partner Programs		
10:15 AM	LaSPACE: Programmatic Updates	Colleen H. Fava	LaSPACE / LSU
10:45 AM	Louisiana Undergraduate Research Association (LaURA)	CHF for Sarah Ferstel	LaURA / LSU
11:00 AM	LA Sea Grant Collaborations and Opportunities	Matt Bethel	Sea Grant / LSU
11:15 AM	LED FastStart & Higher Education	Justin Dedden	LED
11:30 AM	LA-NEXT (NSF E-CORE Grant Program)	Michael Khonsari	LA BoR / LSU
12:00 PM	LSU Campus Welcome	Robert Twilley	LSU VPR
	12:15 - 1:15 PM LUNCH		
	Faculty Research Showcase		
1:20 PM	The Future of Space Solar Power *(REA + LURA)*	Matt Escarra	Tulane
1:45 PM	Space-Based Energy Resilience Changing Lives and Labs *(REA+)*	Farzad Ferdowsi	ULL
2:10 PM	Estimating photosynthetic capacity using reflectance spectra and machine learning *(RAP + REA)*	Peng Fu	LSU Ag
	2:35 - 2:55 PM - BREAK		
3:00 PM	Socio-Environmental Data Analytics for Sustainable Communities *(NASA EPSCoR R3)*	Hadi Salehi	LaTech
3:25 PM	Multi-Material Composite Structures for Space Applications *(NASA EPSCoR Basic Research)*	Genevieve Palardy	LSU
	Space Grant/EPSCoR Futurecasting		
4:00 PM	LaSPACE Landscape: Federal and State Funding & Management Forecast	Colleen H. Fava	LaSPACE/LSU
4:30 PM	Group Activity	All Attendees	All Attendees
5:00 PM	Closing Discussion / Adjourn	Colleen H. Fava	LaSPACE / LSU

LaSPACE Fall 2025 Annual Meeting Agenda

Louisiana State University, Student Union 3rd Floor - Magnolia Room, Baton Rouge, LA

SATURDAY, NOVEMBER 8, 2025

8:00 AM Check-In Desk Opens - Coffee & Networking

Formal Meeting Session Opens at 9:00 am

Time	Session	Speaker	Affiliation
9:15 AM	Welcome Day 2 / Group Activity	Colleen H. Fava	LaSPACE/LSU
Student Opportunities			
9:30 AM	Sea Grant SciComm / Other student opportunities	Vanessa van Heerden	LA Sea Grant
9:50 AM	High Altitude Student Platform (HASP) Program Overview	Doug Granger	LaSPACE/LSU
10:10 AM	Current & Pending LaSPACE Student Opportunities	Colleen H. Fava	LaSPACE/LSU
10:40 - 10:55 - AM BREAK			
LaSPACE Student Showcase: Graduate Students			
11:00 AM	Graph-Theoretic Analysis of Interaction Networks for Enhancing Group Effectiveness *(GSRA)*	Nicole Biggs	LaTech
11:20 AM	Decoding and Targeting "Space Fog" *(GSRA)*	Katelyn Lofton	LSUHS-S
11:40 AM	Joining & Repair of Dissimilar Thermoplastic Composites via Ultrasonic Welding *(NASA EPSCoR BR)*	Emily Friedman	LSU
LaSPACE Student Showcase: Undergraduate Students			
12:00 PM	Stak'em® - A Rocket Science Educational Kit for K-12 and Beyond *(LURA)*	Susannah Donoghue	ULL
12:20 PM	Validating the Wayfinder System for the InterPlanetary Network *(LURA)*	Emily Reilly	LSU
12:40 PM	LaSPACE Student Flight Trajectory *(RockOn!, LaACES, HASP, RockSat-C)*	Abigail Peck	LSU
1:00 PM	Lunch & Student Poster Session Intro	Colleen H. Fava	LaSPACE/LSU
1 PM - 3 PM: LUNCH & STUDENT POSTER SESSION			
3:00 PM	Closing Remarks / Adjourn	Colleen H. Fava	LaSPACE/LSU

LaSPACE Meeting Materials: https://laspace.lsu.edu/laspace-meetings/

LSU is an Eduroam Campus

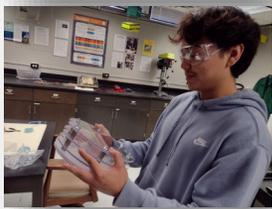**WiFi SSID: lsuguest | Guest Username: LaSPACE2025 | Password: 153281**

Note: All timeslots include Presentation Time + 5 mins for Q&A + 5 mins for Speaker Transitions

LaSPACE Meeting Ground Rules Review

- ✓ Be Punctual & Prepared
- ✓ Stay Mentally & Physically Present
- ✓ Participate & Encourage Others to Participate
- ✓ Listen with an Open Mind & Think Before Speaking
- ✓ Stay On Point & On Time
- ✓ Identify Challenges AND Solutions
- ✓ Communicate with Clarity, Compassion, & Care

LaSPACE
2025
Annual Meeting

NASA SPACE GRANT & EPSCoR
LOUISIANA

Friday, November 7th & Saturday, November 8th | Louisiana State University