



# 18<sup>th</sup> TAMUS Pathways Student Research Symposium



<https://www.tamug.edu/research/Pathways>

March 2-3, 2023  
Texas A&M-Galveston

**Pathways  
Guidebook**

*Howdy!*

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## **Welcome**

Welcome to the 18<sup>th</sup> TAMUS Pathways at Texas A&M University at Galveston. We are excited to welcome over 500 students, faculty, and administrators to our Aggieland by the Sea. Researchers will present on topics ranging from the STEM fields to Social Sciences.

## **Thank You Sponsors**

We would like to thank our amazing sponsors. There is no way that we could do this event without their support. We cannot succeed without the generosity of supporters like you.

### Platinum Level Sponsorship

Dr. Jack Baldauf, TAMU Vice President for Research, Division of Research

Dr. James Hallmark, Vice Chancellor for Academic Affairs, The Texas A&M University System

Dr. Donna Lang, TAMUG Associate Vice President for Academic Operations, Comprehensive Regional Fund

NSF TAMUS LSAMP – TAMU, TAMIU, TAMU-CC, and PVAMU

Dr. Sandra Metoyer at Galveston College and Lene Petersen, NSF 20-599: HSI Institutional

Transformation Project: Unified Community of Support – Building capacity for STEM Transfer Students' Success (UCS-STSS). Galveston College

### Gold Level Sponsorship

Dr. Tim Scott, TAMU Vice Provost for Student Success

Dr. Fuhui Tong, Interim Associate Provost and Dean of the TAMU Graduate and Professional School

### Silver Level Sponsorship

Dr. Sam Brody, The Institute for a Disaster Resilient Texas & George P. Mitchell 40' Endowed Chair in Sustainable Coasts

Dr. William Merrell, George P. Mitchell 40' Endowed Chair in Sustainable Coasts

Dr. Jay R. Rooker, TAMUG Fisheries Ecology Lab & McDaniel Chair of Sustainable Marine Fisheries

Dr. Alok K. Verma, TAMUG Department of Marine Engineering Technology and Powell Chair

### Additional Sponsors

C.C. Creations

## **Campus Wi-Fi**

- 1) Open a web browser, such as Chrome or Firefox, and go to [wifi.tamug.edu](http://wifi.tamug.edu)
- 2) TAMU Students should use their Net ID username and NET ID password. Everyone else should Request a Guest Account to be taken to a credentials form. After completing the form, you will receive an email and text message with a username and password that will allow you to connect to the wifi.



## Schedule

Day 1		Check in	Symposium Events	Other activities
11:00 AM	11:30 AM	Primary Check-In ASEC, 2nd floor lobby	Lunch with welcome from Dr Debbie Thomas in ASEC, Ballroom	Submit oral presentations ASEC Check in table
11:30 AM	12:00 PM			
12:00 PM	12:30 PM			
12:30 PM	1:00 PM			
1:00 PM	1:30 PM	Late Check-In & Help Desk ASEC, 2nd floor lobby	Poster Session 1	Grad School Fair, ASEC 2nd floor lobby
1:30 PM	2:00 PM		Refreshment Break	
2:00 PM	2:30 PM		Poster Session 2	
2:30 PM	3:00 PM			
3:00 PM	3:30 PM			
3:30 PM	4:00 PM			
4:00 PM	4:30 PM			
4:30 PM to 8:00 PM		Dinner and activities at Moody Gardens Guests will rotate between the Aquarium pyramid and other activities.		

Day 2		Check in	Symposium Events	Other activities
7:30 AM	8:00 AM	Late Check-In & Help Desk ASEC, 2nd floor lobby	Oral presentations, Rooms as assigned	Grad School Fair, ASEC 2nd floor lobby
8:00 AM	8:30 AM			
8:30 AM	9:00 AM			
9:00 AM	9:30 AM			
9:30 AM	10:00 AM			
10:00 AM	10:30 AM			
10:30 AM	11:00 AM			
11:00 AM	11:30 AM			
11:30 AM	12:00 PM	Break and transition time back to ASEC		
Noon to 1:30 PM		Lunch and Awards Ceremony ASEC, Ballroom. Guest speaker Dr Ashanti Johnson		

## Poster and Oral Presentation Logistics

Each poster or oral presentation project has a number. For Posters: The identification number shows which session you will present in and the poster locations.

For example:

# S#P#

**Session 1 or 2    Poster Location #**

Please do not move the poster location. We have provided push pins to put your poster up. If you need help putting up your poster or anything related to your poster, please visit the poster station located on the main stage. Please be sure your poster is hung before the session starts and immediately removed at the end of your session.

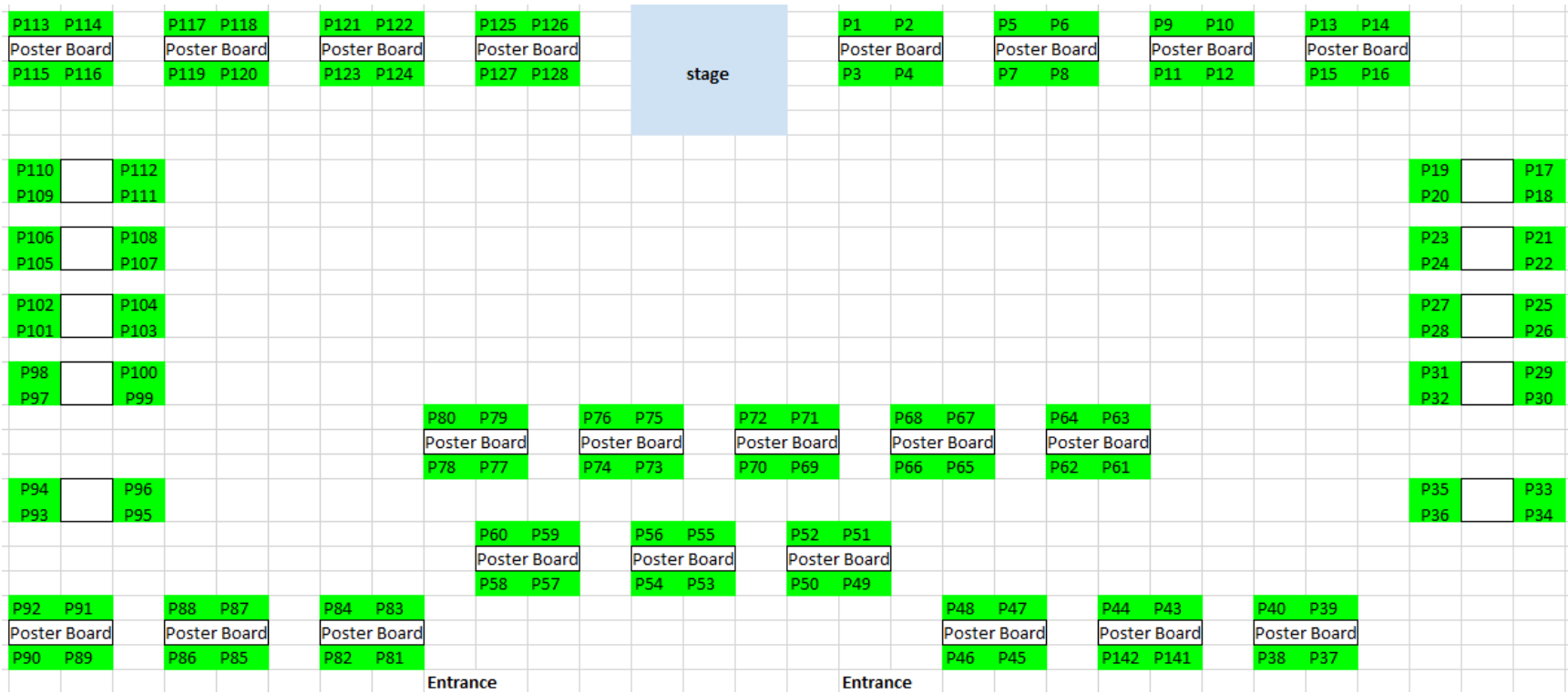
Each judge assigned to you will place a post-it note on your poster before they start judging so that you know who is a judge assigned to you vs. a person visiting your poster. Please expect 3 judges. When you are done, please remove your poster. All posters not removed after your session will be at the lost and found area until Friday by noon. Posters not claimed will be recycled.

Need to print your poster here in Galveston? Please contact the following vendors before arriving on the island to ensure availability:

Minuteman Press – Galveston  
2629 Broadway Avenue J  
Galveston, TX 77550  
409-744-7500

Speedy's Printing  
6614 Stewart Road  
Galveston, TX 77551  
409-763-1666

## Poster Layout Map for Session 1 and 2:



## Oral Presentations

Students doing oral presentations can submit their presentation in two ways:

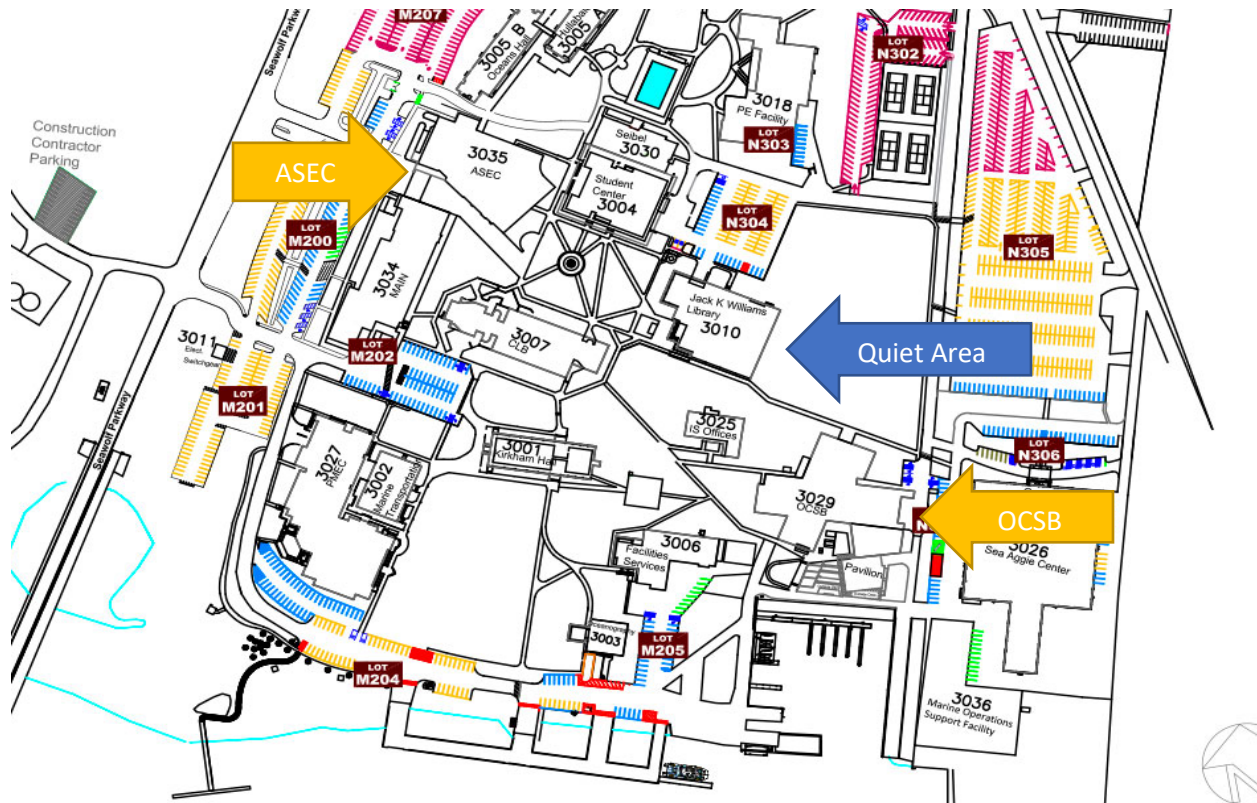
- 1) Email the presentation [pathways@tamug.edu](mailto:pathways@tamug.edu) February 27 and 28  
OR
- 2) Bring a USB drive on Thursday, March 2 to the check-in area from 11 am to 4 pm.

We strongly encourage that students bring a back-up copy of the presentation on a hard storage drive.

Presentation files should be labeled with your presentation number. To see your presentation number, please refer to the confirmation email.

At the time of loading your presentation, please check your presentation. All presentations will be given on Windows PCs. We have several presentations so there will not be time to adjust on Friday. Any time you take to load your presentation on Friday will be deducted from your time.

For Oral Presentations: Oral Presentation will be in ASEC 1<sup>st</sup> Floor (102C and 102D) and 2<sup>nd</sup> Floor (201, 202, 203, 204, and 205), OCSB (141), and PMEC 151.



Each oral presentation will be assigned an identification number. The identification will include the room location and a number. Please use the identification number to determine the location and time for your oral presentation below. For a detailed schedule of oral presentations:



**Undergraduate, Master's & Doctoral Humanities & Social Sciences**

	Room: ASEC201		Room: ASEC202	
		Presenters		Presenters
8:00-8:15	ASEC201-1	UG Hum 1	ASEC202-1	UG Hum 7
8:15-8:30	ASEC201-2	UG Hum 2	ASEC202-2	UG Hum 8
8:30-8:45	ASEC201-3	UG Hum 3	ASEC202-3	UG Soc Sci 1
8:45-9:00	ASEC201-4	UG Hum 4	ASEC202-4	UG Soc Sci 2
9:00-9:15	ASEC201-5	UG Hum 5	ASEC202-5	UG Soc Sci 3
9:15-9:30	ASEC201-6	UG Hum 6	ASEC202-6	UG Soc Sci 4
9:30-10:00	Session Break			
10:00-10:15	ASEC201-7	MS Hum 1	ASEC202-7	MS Soc Sci 1
10:15-10:30	ASEC201-8	PhD Hum 1	ASEC202-8	MS Soc Sci 2
10:30-10:45	ASEC201-9	PhD Hum 2	ASEC202-9	MS Soc Sci 3
10:45-11:00	ASEC201-10	PhD Hum 3	ASEC202-10	MS Soc Sci 4
11:00-11:15			ASEC202-11	MS Soc Sci 5

**Undergraduate, Master's & Doctoral Social Sciences**

	Room: ASEC203		Room: ASEC204	
		Presenters		Presenters
8:00-8:15	ASEC203-1	UG Soc Sci 5	ASEC204-1	UG Soc Sci 11
8:15-8:30	ASEC203-2	UG Soc Sci 6	ASEC204-2	UG Soc Sci 12
8:30-8:45	ASEC203-3	UG Soc Sci 7	ASEC204-3	UG Soc Sci 13
8:45-9:00	ASEC203-4	UG Soc Sci 8	ASEC204-4	UG Soc Sci 14
9:00-9:15	ASEC203-5	UG Soc Sci 9	ASEC204-5	UG Soc Sci 15
9:15-9:30	ASEC203-6	UG Soc Sci 10	ASEC204-6	UG Soc Sci 16
9:30-10:00	Session Break			
10:00-10:15	ASEC203-7	MS Soc Sci 6	ASEC204-7	MS Soc Sci 11
10:15-10:30	ASEC203-8	MS Soc Sci 7	ASEC204-8	MS Soc Sci 12
10:30-10:45	ASEC203-9	MS Soc Sci 8	ASEC204-9	MS Soc Sci 13
10:45-11:00	ASEC203-10	MS Soc Sci 9	ASEC204-10	PhD Soc Sci 1
11:00-11:15	ASEC203-11	MS Soc Sci 10	ASEC204-11	PhD Soc Sci 2

**Undergraduate & Doctoral Social Sciences, Agricultural & Natural Resources, Mathematics & Physical Sciences, Business & Information Technology, Life Sciences, Biomedical & Health Sciences**

	Room: ASEC205		Room: ASEC102C	
		Presenters		
8:00-8:15	ASEC205-1	UG Soc Sci 17		PhD Math 1
8:15-8:30	ASEC205-2	UG Soc Sci 18	ASEC102C-2	PhD Math 2
8:30-8:45	ASEC205-3	UG Soc Sci 19	ASEC102C-3	PhD Math 3
8:45-9:00	ASEC205-4	UG Soc Sci 20	ASEC102C-4	PhD Math 4
9:00-9:15	ASEC205-5	UG Soc Sci 21	ASEC102C-5	PhD Bus 1
9:15-9:30			ASEC102C-6	PhD Life Sci 1
9:30-10:00	Session Break			
10:00-10:15	ASEC205-7	PhD Soc Sci 3	ASEC102C-7	PhD BioMed 1
10:15-10:30	ASEC205-8	PhD Soc Sci 4	ASEC102C-8	PhD BioMed 2
10:30-10:45	ASEC205-9	PhD Ag 1	ASEC102C-9	PhD Bus 2
10:45-11:00	ASEC205-10	PhD Ag 2		
11:00-11:15	ASEC205-11	PhD Ag 3		

**Doctoral Education, Engineering & Computer Science, and Life Sciences**

	Room: ASEC102D		Room: OCSB1411		Room: P MEC151	
		Presenters		Presenters		Presenters
8:00-8:15	ASEC102D-1	PhD Educ 1	OCSB141-1	PhD Eng 1	P MEC151-1	PhD Life Sci 2
8:15-8:30	ASEC102D-2	PhD Educ 2	OCSB141-2	PhD Eng 2	P MEC151-2	PhD Life Sci 3
8:30-8:45	ASEC102D-3	PhD Educ 3	OCSB141-3	PhD Eng 3	P MEC151-3	PhD Life Sci 4
8:45-9:00	ASEC102D-4	PhD Educ 4	OCSB141-4	PhD Eng 4	P MEC151-4	PhD Life Sci 5
9:00-9:15	ASEC102D-5	PhD Educ 5	OCSB141-5	PhD Eng 5	P MEC151-5	PhD Life Sci 6
9:15-9:30	ASEC102D-6	PhD Educ 6	OCSB141-6	PhD Eng 6	P MEC151-6	PhD Life Sci 7
9:30-10:00	Session Break				Session Break	
					P MEC151- 7	PhD Life Sci 8
10:00-10:15	ASEC102D-7	PhD Educ 7	OCSB141-7	PhD Eng 7	P MEC151- 8	PhD Life Sci 9
10:15-10:30	ASEC102D-8	PhD Educ 8	OCSB141-8	PhD Eng 8	P MEC151- 9	PhD Life Sci 10
10:30-10:45	ASEC102D-9	PhD Educ 9	OCSB141-9	PhD Eng 9	P MEC151- 10	PhD Life Sci 11
10:45-11:00	ASEC102D-10	PhD Educ 10	OCSB141-10	PhD Eng 10	P MEC151- 11	PhD Life Sci 12
11:00-11:15	ASEC102D-11	PhD Educ 11			P MEC151- 12	PhD Life Sci 13
11:15-11:30	ASEC102D-12	PhD Educ 12			P MEC151- 13	PhD Life Sci 14
11:30-11:45					P MEC151- 14	PhD Life Sci 15

## Moody Gardens

We have a fun evening planned for Thursday night.

Address and Directions: Moody Gardens (address One Hope Blvd, Galveston, TX 77554)

Directions to Moody Gardens from A&M Galveston

Turn left on the Pelican Island Causeway

Turn right on Broadway Street

Turn left on 53<sup>rd</sup> Street

Turn right on Stewart Road

Turn right on Hope Blvd

Parking: Vehicles should park in front of the Aquarium Pyramid. Buses may drop off folks in front of the Aquarium Pyramid and park behind the pyramid. Overflow parking may park behind the pyramid as well.



Please join us Moody Gardens Aquarium for dinner and entertainment. Upon check-in, you will note either a blue or green sticker.

**Blue Sticker:**

Check-In at the Aquarium Pyramid

5:00 pm to 6:30 pm Dinner and visit the aquarium.

6:30 pm to 8:00 pm Attend 3D and 4D movies in the Visitors Center.

**Green Sticker:**

Check-In at the Visitor's Center

5:00 pm to 6:30 pm Dinner and 3D and 4D movies in the Visitor Center.

6:30 pm to 8:00 pm Aquarium

**Lost and Found**

Missing an item? Please visit us at the lost and found area at check-in.

**Accommodations**

If you requested a special meal at the time of registering, your meal will be away from the buffet area and located at check-in.

Need a quiet area? Please visit our Jack K. Williams Library located across the quad (campus map).

**Thank you for attending this year's  
TAMUS Pathways Research Symposium!**

**#TAMUSPathways  
@AggiesbytheSea**

# For our LSAMP Symposium attendees:

## 2023 TAMUS LSAMP Symposium Participant Agenda

Thursday, March 2nd			
11:00am - 1:00pm	Check-in, Poster-Set up		<i>Location: ASEC, 2nd floor lobby</i>
12:00pm - 1:00pm	Lunch with Welcome from Dr Debbie Thomas, TAMUG		<i>Location: ASEC, Ballroom</i>
1:00pm - 2:00pm	PD Session: Mastering Your Emotional Intelligence <i>Location: Waterfront Pavilion</i>	Poster Session 1	Graduate School Fair <i>Location: ASEC, 2nd floor lobby</i>
2:00pm - 2:30pm	Refreshment Break		
2:30pm - 3:00pm		Poster Session 2	
3:00pm-3:30pm	PD Session: Developing Your Negotiating Skills <i>Speaker: Location: TBD</i>		
4:30pm-5:30pm	Bus Travel to Moody Gardens		
5:30pm - 7:30pm	Symposium Dinner and Activities (Moody Gardens/Aquarium)		
Friday, March 3rd			
8:00am - 9:00am	LSAMP Breakfast/Networking (Exclusive LSAMP Session) <i>Location: Waterfront Pavilion</i>	Oral presentations, Rooms as assigned	Graduate School Fair <i>Location: ASEC 2nd floor lobby</i>
9:00am - 10:00am	PD Session: Excelling in Undergraduate Research (Exclusive LSAMP Session) <i>Location: Waterfront Pavilion</i>		
10:00am - 11:00am	PD Session: How to Have a Successful Internship <i>Location: Waterfront Pavilion</i>		
11:00am - 11:30am	LSAMP Symposium Evaluation (Exclusive LSAMP Session) <i>Location: Waterfront Pavilion</i>		
11:30am-12:00pm	Break and transition time back to ASEC		
12:00pm - 1:30pm	Lunch and Awards Ceremony	Guest speaker: Dr. Ashanti Johnson	<i>Location: ASEC, Ballroom</i>

LSAMP students presenting posters: (1) Attend 3 exclusive LSAMP Sessions; (2) Attend at least 2 PD Sessions; (3) Present Poster; (4) Visit at least 4 posters; (5) Visit at least 2 universities at Graduate Fair; (6) Thursday Lunch & Welcome, Thursday Dinner, Friday Lunch & Awards Ceremony

LSAMP students not presenting posters: (1) Attend 3 exclusive LSAMP Sessions; (2) Attend at least 3 PD sessions; (4) Visit at least 4 posters; (5) Visit at least 2 universities at Graduate Fair; (6) Thursday Lunch & Welcome, Thursday Dinner, Friday Lunch & Awards Ceremony