2021 LSMRCE Annual Conference

"Empowering Diverse STEM Innovators"

October 22-24, 2021

LSMRCE
Louis Stokes Midwest Regional
CENTER OF EXCELLENCE

#LSMRCE2021 @LSMRCE

Virtual Conference Snapshot and Proceedings & Celebration of the LSAMP 30th Anniversary

30 YEARS ANNIVERSARY

Louis Stokes Alliances
for Minority Participation

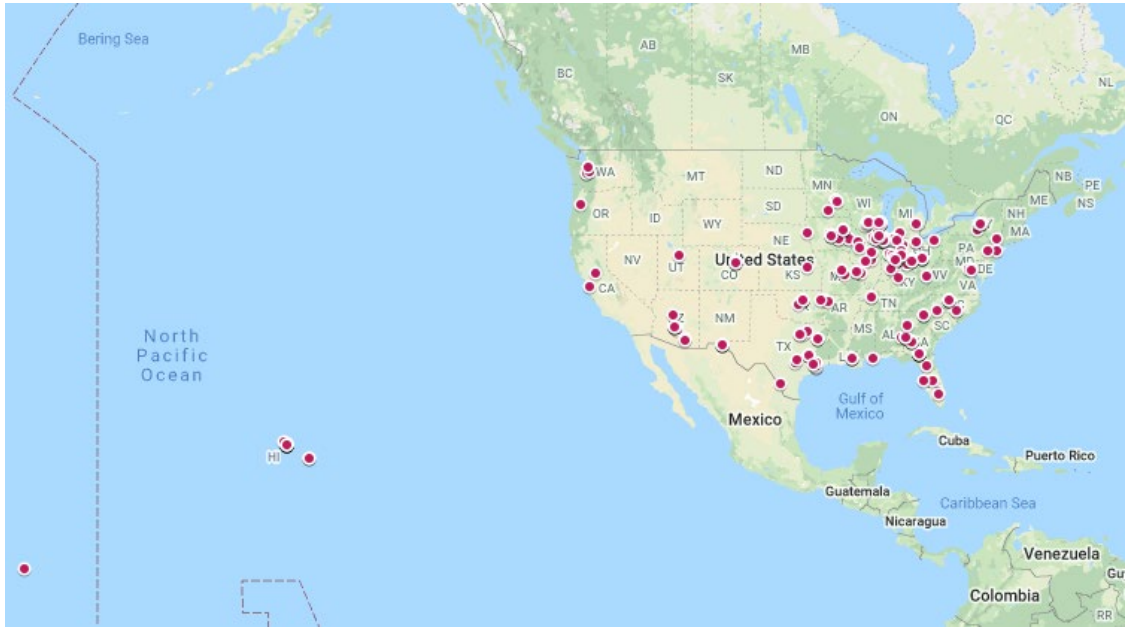
Louis Stokes Midwest Regional Center of Excellence is supported by National Science Foundation award numbers HRD-1826626 (IUPUI) and HRD-1826719 (CSU)(2018-2023)

2021 Conference Attendee Snapshot

566 Registrants
152 Institutions of higher learning
39 Louis Stokes Alliances (LSAMPs)
36 US States

289 Students
128 Poster Presenters

Where Participants Are From



This year we were pleased to welcome the Islands of Opportunities (IOA) alliance!

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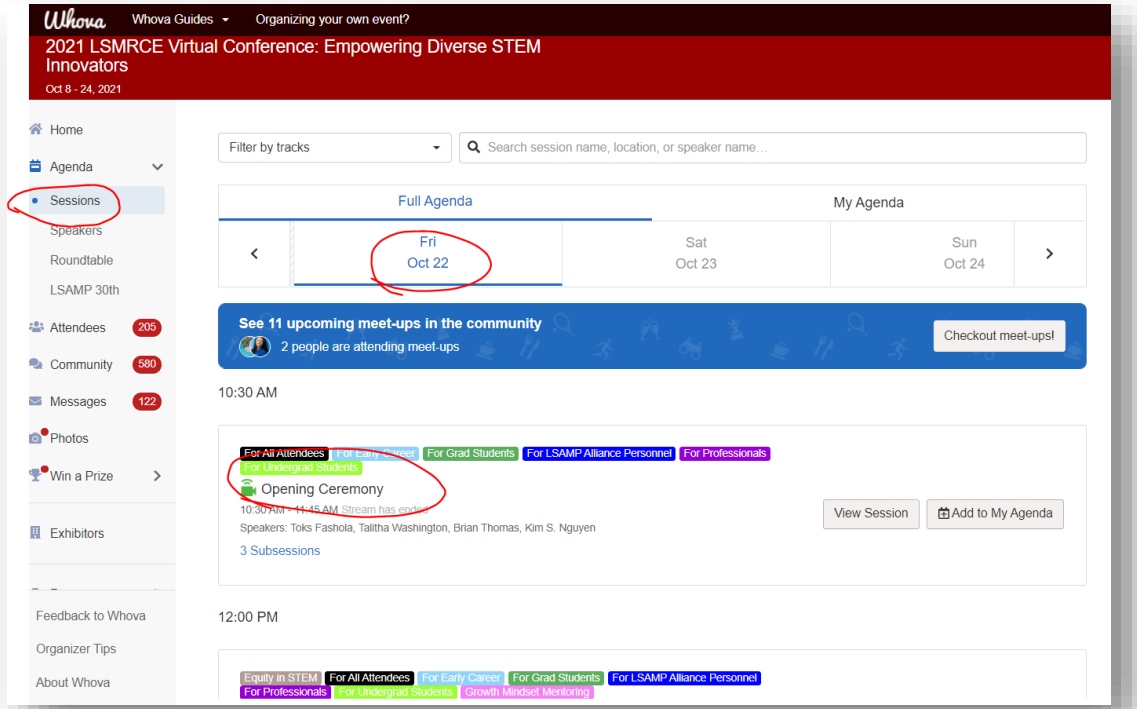
Recorded Sessions

The LSMRCE Conference recorded sessions are available on the conference Portal using this link and logon credentials:

Link:
https://whova.com/portal/webapp/lsmrc_202110/Agenda

Username: **contact@lsmrce.org**
Password: **LSMRCE20**

Use the agenda to browse the sessions. Click on the session title and the recorded meeting, Q&A, and chat are available to view. You can also continue to add to the Q&A and chat, as well as reach out to speakers via their profile page!



Interested in viewing the recordings?
Browse the Agenda in Whova and click on the desired session name to open the embedded video and related documents and discussion board.

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Competitive Poster Session

The poster session was held virtually via Symposium by ForagerOne.

Talented undergraduate and graduate students from **59 colleges and universities across the world including the Philippines, Micronesia, Palau, Guam, and Hawaii, submitted their abstracts and recorded poster material for competition.**

128 Poster presenters
119 Abstracts accepted
59 Colleges and universities represented

The LSMRCE Conference virtual poster presentations are available on the Symposium Portal using this link and logon credentials:

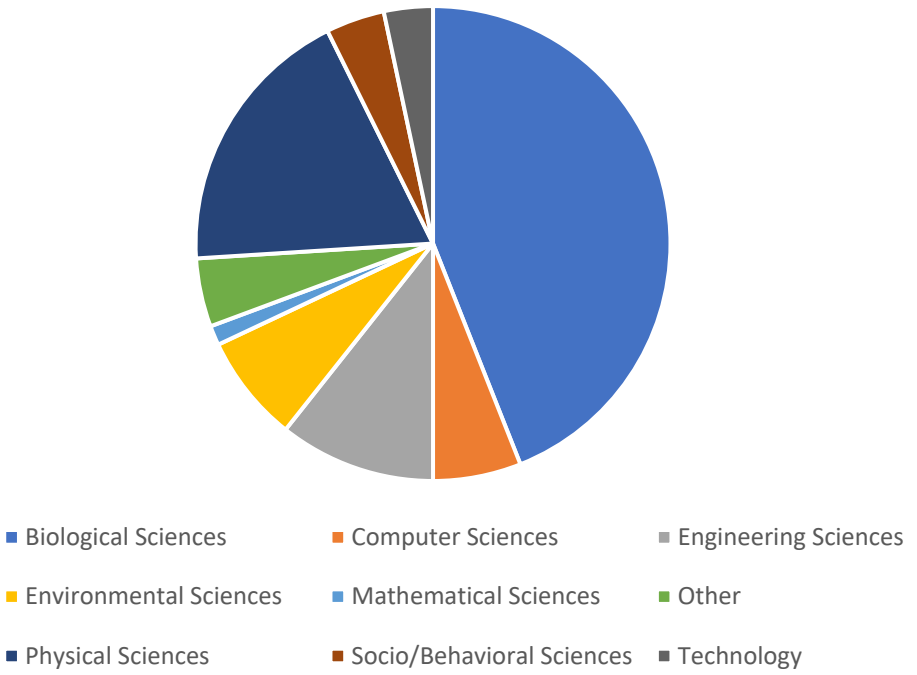
View the Posters

Username: contact@lsmrce.org

Password: Lsmrce2020

Download the Poster Session Booklet

POSTERS BY STEM DISCIPLINE



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Attendee Virtual Engagement

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Attendee Interactions

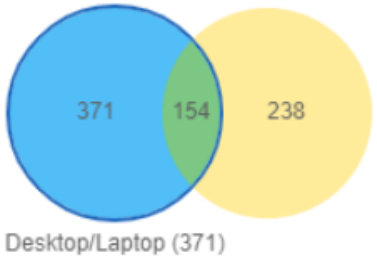
Event App Usage

TOTAL NUMBER OF ATTENDEES ON WHOVA

455

out of 629 attendees (72%)

BREAKDOWN BY PLATFORM



- Mobile Users (52%, 238)
- Desktop Users (82%, 371)
- Used both mobile & desktop (34%, 154)

Agenda Webpage Views

TOTAL AGENDA WEBPAGE VIEWS

2,605

Networking Activities

TOTAL PROFILE VIEWS

1,958

TOTAL MESSAGES SENT/RECEIVED

3,841

Tweets

TOTAL TWEETS

35

Personalized Agenda

NUMBER OF ATTENDEES WITH PERSONALIZED AGENDA

252

Community & Agenda

AGENDA IN-APP VIEWS

3447

PERSONAL AGENDA SET-UP BY ATTENDEES

252

PERCENTAGE OF ATTENDEES SET

51%

AGENDA SESSIONS MOST POPULAR

SESSION POPULARITY BASED ON LIKES AND PERSONAL AGENDA ADDS

- Competitive Poster Session
  15 likes and 65 personal agenda adds
- Opening Ceremony
  10 likes and 65 personal agenda adds
- SPECIAL SESSION: Coded Bias Discussion Panel
  9 likes and 55 personal agenda adds
- Real Talk Breakfast
  6 likes and 53 personal agenda adds
- Luncheon Keynote and Remarks
  4 likes and 50 personal agenda adds

COMMUNITY BOARD TOTAL MESSAGES

1887

BREAK-THE-ICE MESSAGES

104

ARTICLE SHARED MESSAGES

188

Viewing Activity

ATTENDEES WATCHED TOTAL

291

TOTAL DURATION WATCHED

498 HRS

SESSIONS WITH VIDEO OR STREAM

41

WATCHED SESSIONS MOST POPULAR STREAMS

SESSION POPULARITY BASED ON NUMBER OF ATTENDEES

1. Opening Ceremony
   56.1 hours, watched by 113 attendees
2. Celebration and Ceremony
   60.6 hours, watched by 98 attendees
3. Luncheon Keynote and Remarks
   51.6 hours, watched by 88 attendees

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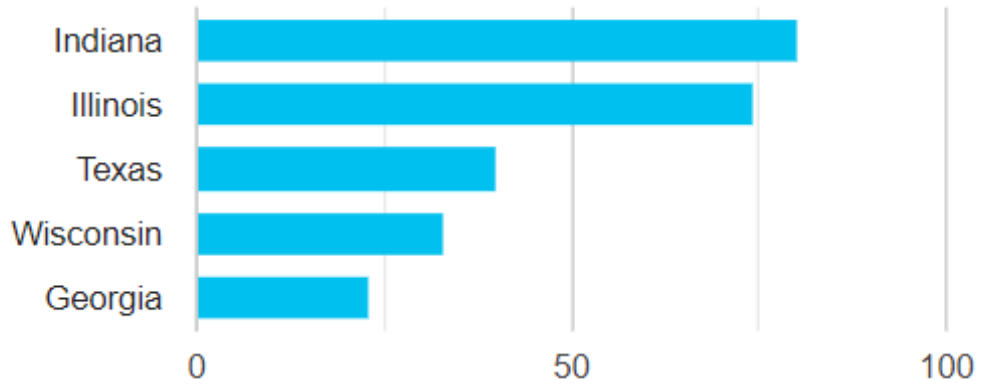
Attendees Breakdown

BREAKDOWN BY STATES (in the United States)

Total number of states: 36

TOP 5 STATES:

1. Indiana (80)
2. Illinois (74)
3. Texas (40)
4. Wisconsin (33)
5. Georgia (23)

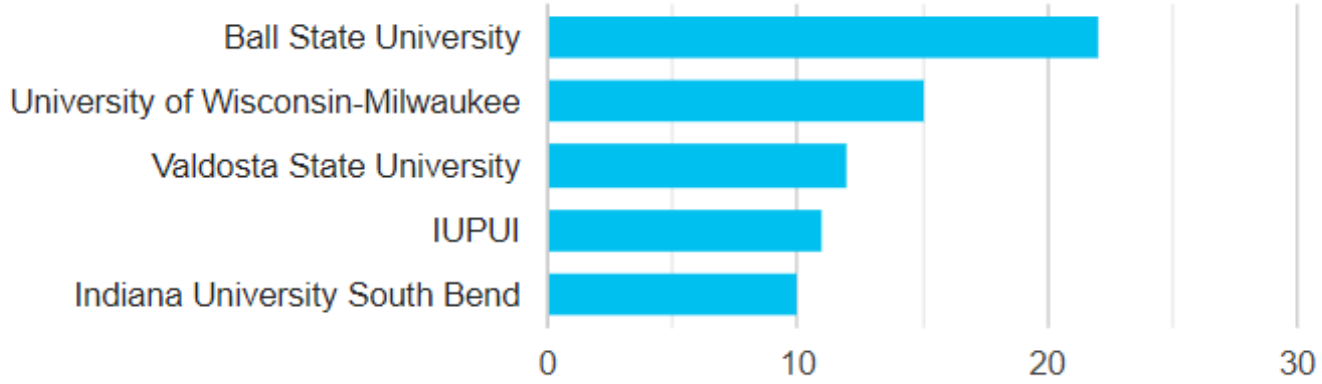


BREAKDOWN BY AFFILIATION

Total number of affiliations: 306

TOP 5 AFFILIATIONS:

1. Ball State University (22)
2. University of Wisconsin-Milwaukee (15)
3. Valdosta State University (12)
4. IUPUI (11)
5. Indiana University South Bend (10)



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Featured Presenters

Louis Stokes Midwest Regional Center of Excellence is supported by National Science Foundation award numbers HRD-1826626 (IUPUI) and HRD-1826719 (CSU)(2018-2023)

Talitha Washington, PhD

Director & Professor
AUC Data Science Initiative &
Clark Atlanta University

Empowering Data Science for Social Justice

Watch the recorded address:
https://youtu.be/YI9jzmyae98?t=1408

Jarrad Hampton-Marcell, PhD

Postdoctoral Researcher,
University of Illinois at Chicago
and Argonne National Laboratory

The Sport of Science: Being Competitive in STEM

Watch the recorded address:
https://youtu.be/pSG7NASttDg?t=1600

Voices of Success

A conversation with the alumni of the Louis Stokes Alliances for Minority Participation

Kayla Bolibrzuch, BS, Wisc-AMP STEM Inspire alumnus

RaiAnna Hopson, PhD, H-LSAMP alumnus

Pam Shaw, DMD, MPH, Moderator

Pablo Guzmán, PhD, ILSAMP and SUNY LSAMP alumnus

Watch the recorded discussion: https://youtu.be/pSG7NASttDg?t=3346

Coded Bias

A discussion with *Coded Bias* filmmaker, Shalini Kantayya; Moderated by Nathan Ensmenger, PhD

View the recorded discussion:
https://youtu.be/sfGJSq8gp9U?t=141

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NSF LSAMP 30th Celebration Activities

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LSAMP 30th Anniversary Celebration

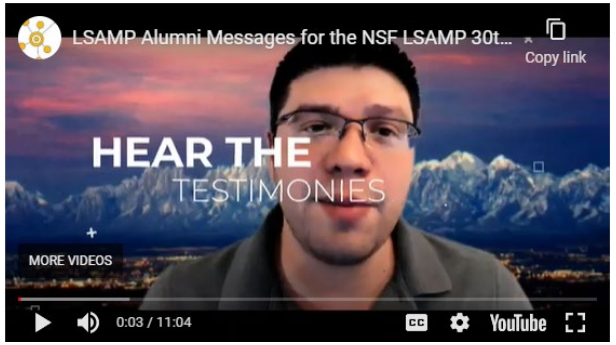
October 2021 marks the 30th Anniversary of the of NSF Louis Stokes Alliances for Minority Participation (LSAMP) and LSMRCE hosted several celebration events that culminated at the annual conference, Empowering Diverse STEM Innovators, which was held virtually October 22-24th. We invite you to view the recorded events and activities related to the 30th Celebration below.

30 YEARS ANNIVERSARY

Louis Stokes Alliances for Minority Participation

Celebrating the 30th Anniversary of the Louis Stokes Alliances for Minority Participation (LSAMP), a National Science Foundation program

Dr. Stephen Hundley from the IUPUI Assessment Institute featured an LSAMP-centric podcast Celebrating the 30th Anniversary of the Louis Stokes Alliances for Minority Participation (LSAMP). Drs. LeRoy Jones II, Kim Nguyen, and Zakiya Wilson-Kennedy share their voice and perspectives on the topic. Listen to the podcast: https://lsmrce.org/events/annual/2021-annual/lsamp-30th-anniversary-celebration.aspx



LSAMP Alumni Messages

As part of the LSAMP Anniversary celebration activities, the alumni of the program submitted their video messages. Recorded October 2021. Watch the alumni messages montage: https://youtu.be/sLmLG17nQq4

Stokes Family Tribute Video

The Stokes family reflects on the late, Honorable Stokes' vision and dedication to providing all individuals access to education and how the LSAMP program has fulfilled that vision. Recorded October 2021. Watch the Stokes Tribute: https://youtu.be/LTGRGfsf4y8

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LSAMP Celebration Webinar

Perspectives on the Progression and Institutionalization of LSAMP Best Practices

Recorded October 15, 2021

Dr. Benjamin Flores leads a discussion among leaders within the Louis Stokes Alliances for Minority Participation (LSAMP) community in this interactive, celebration of the LSAMP program achievements and how the programs retain and graduate students through the institutionalization of LSAMP practices.

Moderator

Benjamin Flores, University of Texas at El Paso

Panelists

- Karen Butler-Purry, Ph.D., Texas A&M University
- Earnest Chavez, Ph.D., Colorado State University
- Lisa Hammersley, Ph.D., California State University, Sacramento
- LeRoy Jones II, Ph.D., Chicago State University

Recorded webinar | Download the flyer

LSAMP Celebration Webinar

LSAMP - A Gamechanger in Cultivating STEM Talent

Recorded October 8, 2021

Dr. Zakiya Wilson-Kennedy leads a virtual discussion among LSAMP PIs in this 1-hour, interactive celebration of the LSAMP program achievements. Learn more about the Louis Stokes Alliances for Minority Participation (LSAMP) program beginnings and how the program has evolved over the past 30 years to where it is today.

Moderator
Zakiya Wilson-Kennedy, Ph.D., Louisiana State University

Panelists
- Joseph Genz, Ph.D., University of Hawaii at Hilo
- Eduardo Nicolau López, Ph.D., Univeristy of Puerto Rico Rio Piedras
- Catherine Dinitra White, Ph.D., North Carolina A&T State University
- Kim Nguyen, Ed.D., IUPUI

[Recorded webinar](#) | [Download the flyer](#)

2021 Awards

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Tony Quinn Inclusive Excellence 2021 Awardee

Dr. Cammi Valdez

Assistant Professor, Chemistry
Associate Member, Harold Hamm Diabetes Center
Department of Natural Sciences
Northeastern State University

OK-LSAMP Alumnus

Watch Dr. Valdez's bio video
https://youtu.be/RckbG9TfXdM

5th Place Poster Winner

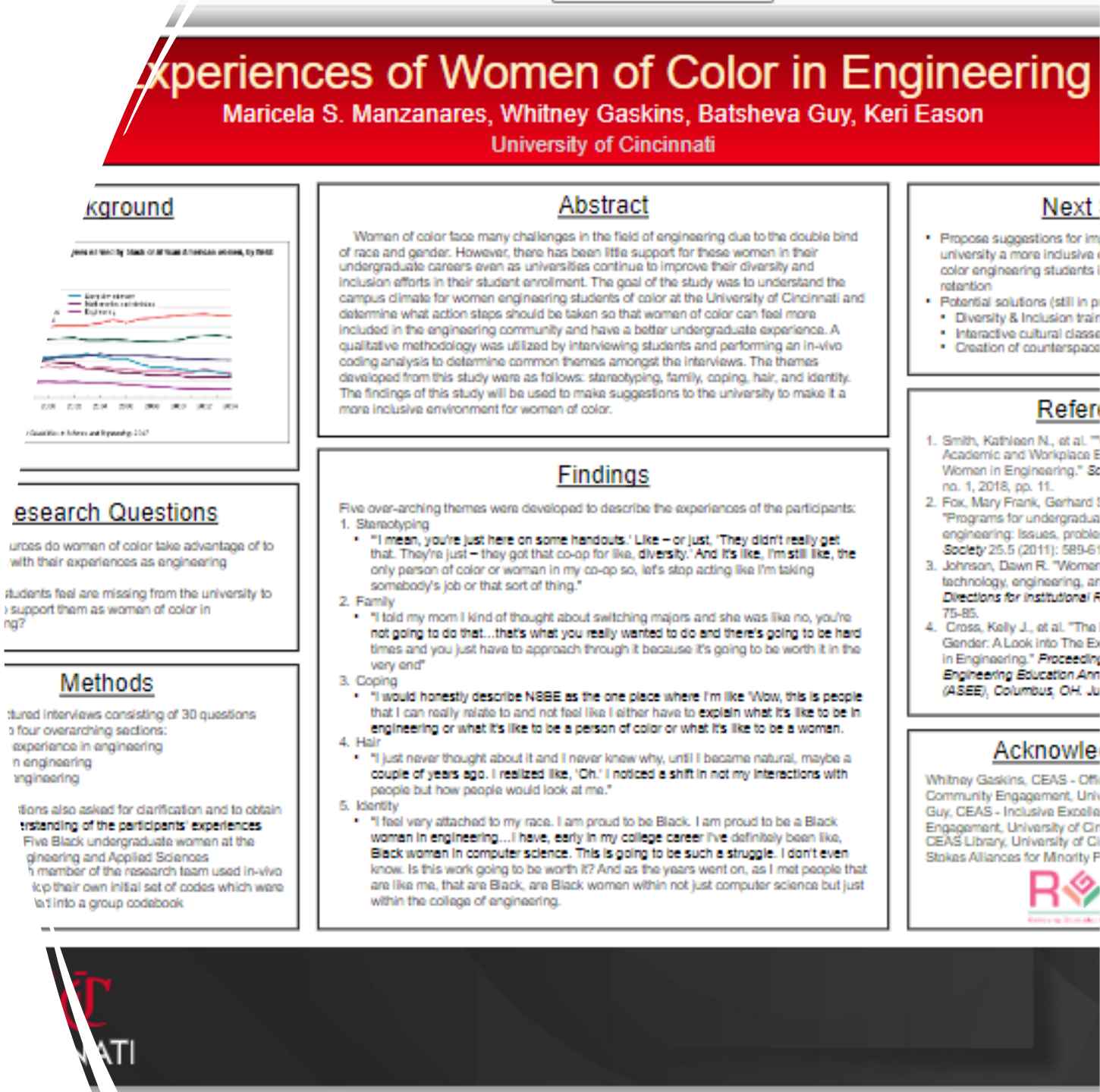
Maricela Manzanares

University of Cincinnati

Ohio LSAMP

Experiences of Women of Color in Engineering

[View Poster Submission]



4th Place Poster Winner

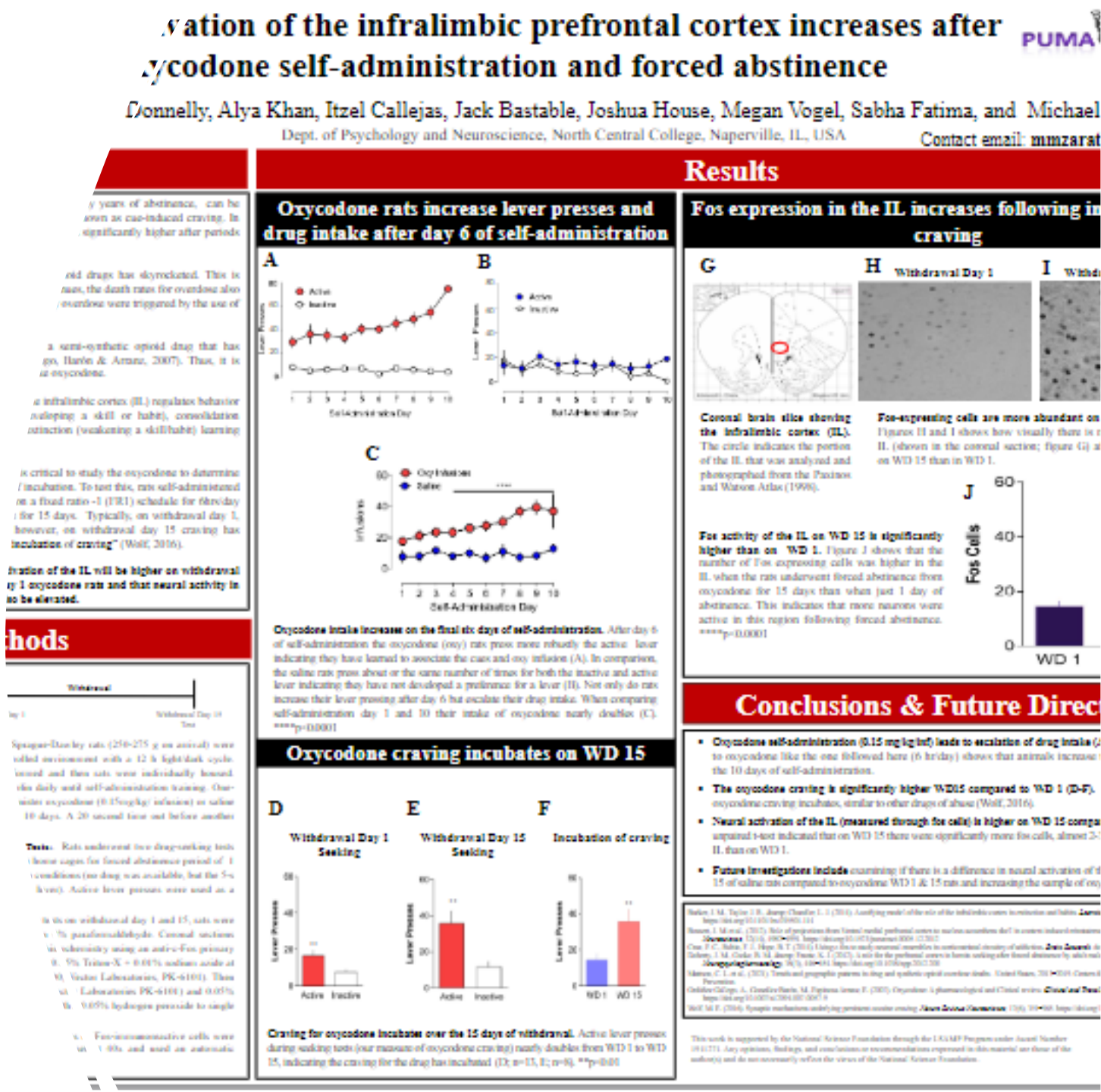
Maria Zarate

North Central College

PUMA-STEM LSAMP

Neural activation of the infralimbic prefrontal cortex increases after oxycodone self-administration and forced abstinence

(presenter opted to keep poster confidential)



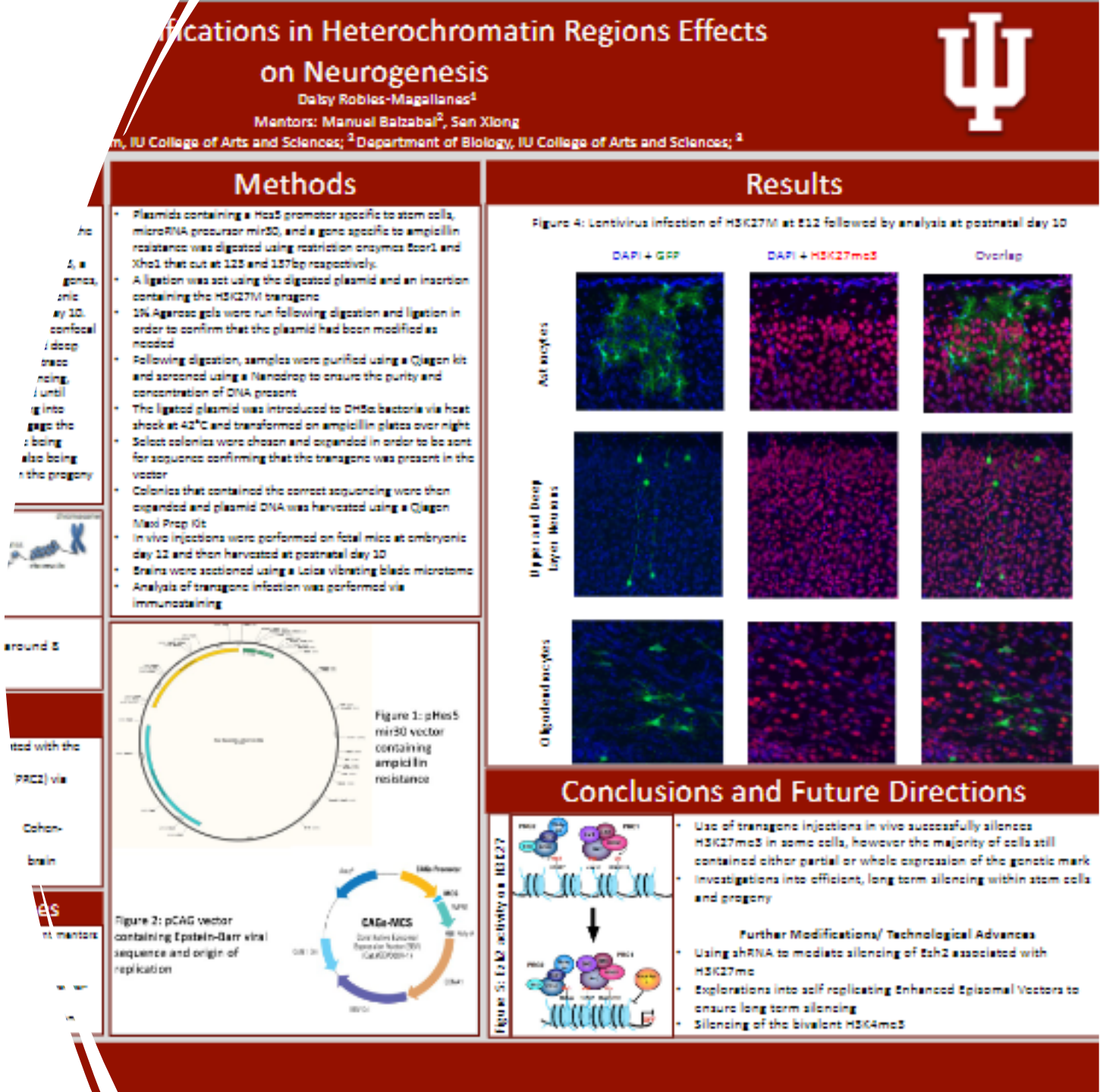
3rd Place Poster Winner

Daisy Robles-Magallanes

Indiana University, IN LSAMP

Histone Modifications Effects on Neurogenesis

View Poster Submission

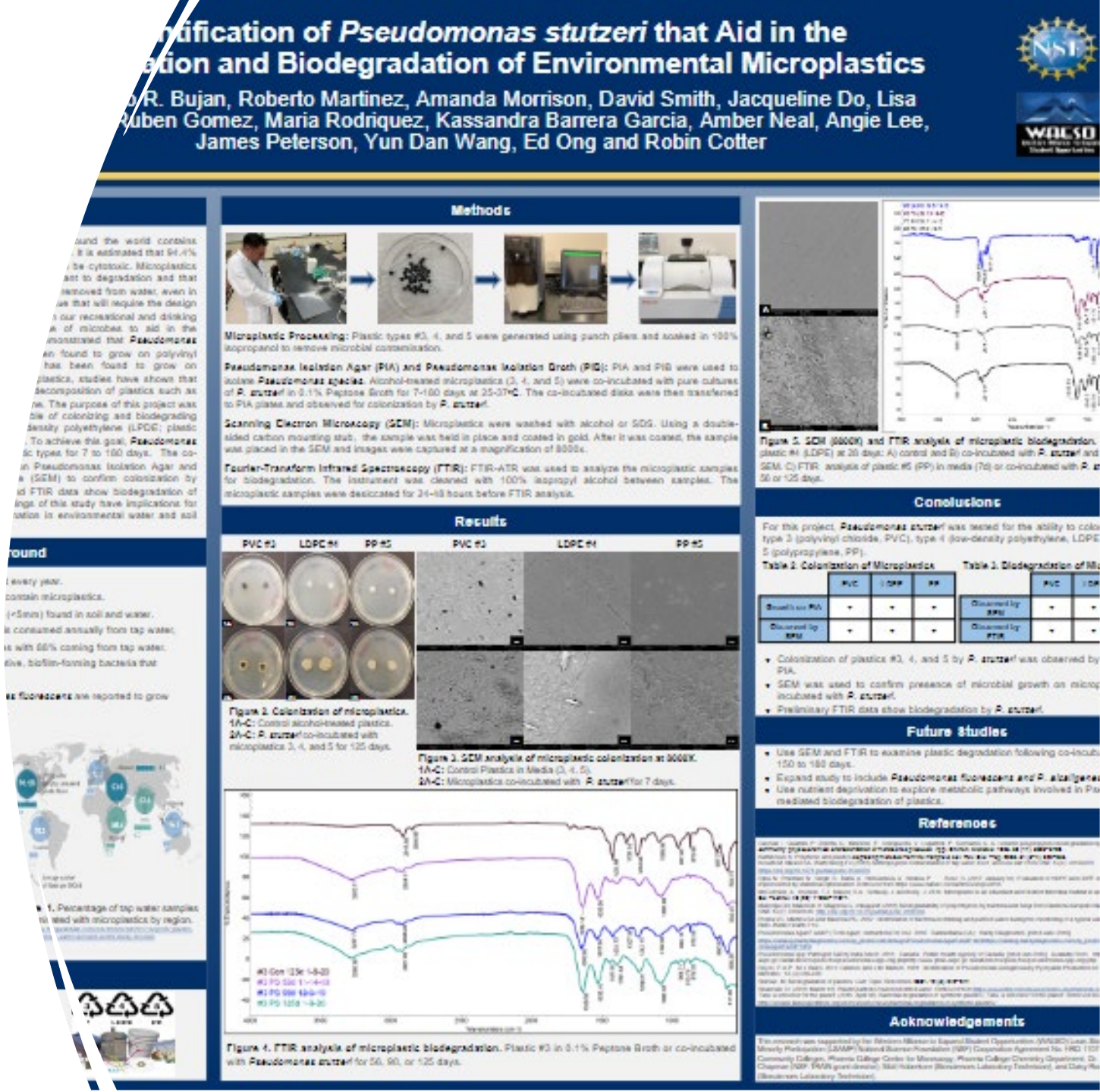


2nd Place Poster Winner

Reynaldo R Bujan
Arizona State University
WAESO LSAMP

Identification of *Pseudomonas stutzeri* that Aid in the Colonization and Biodegradation of Environmental Microplastics

[View Poster Submission]



1st Place Poster Winner

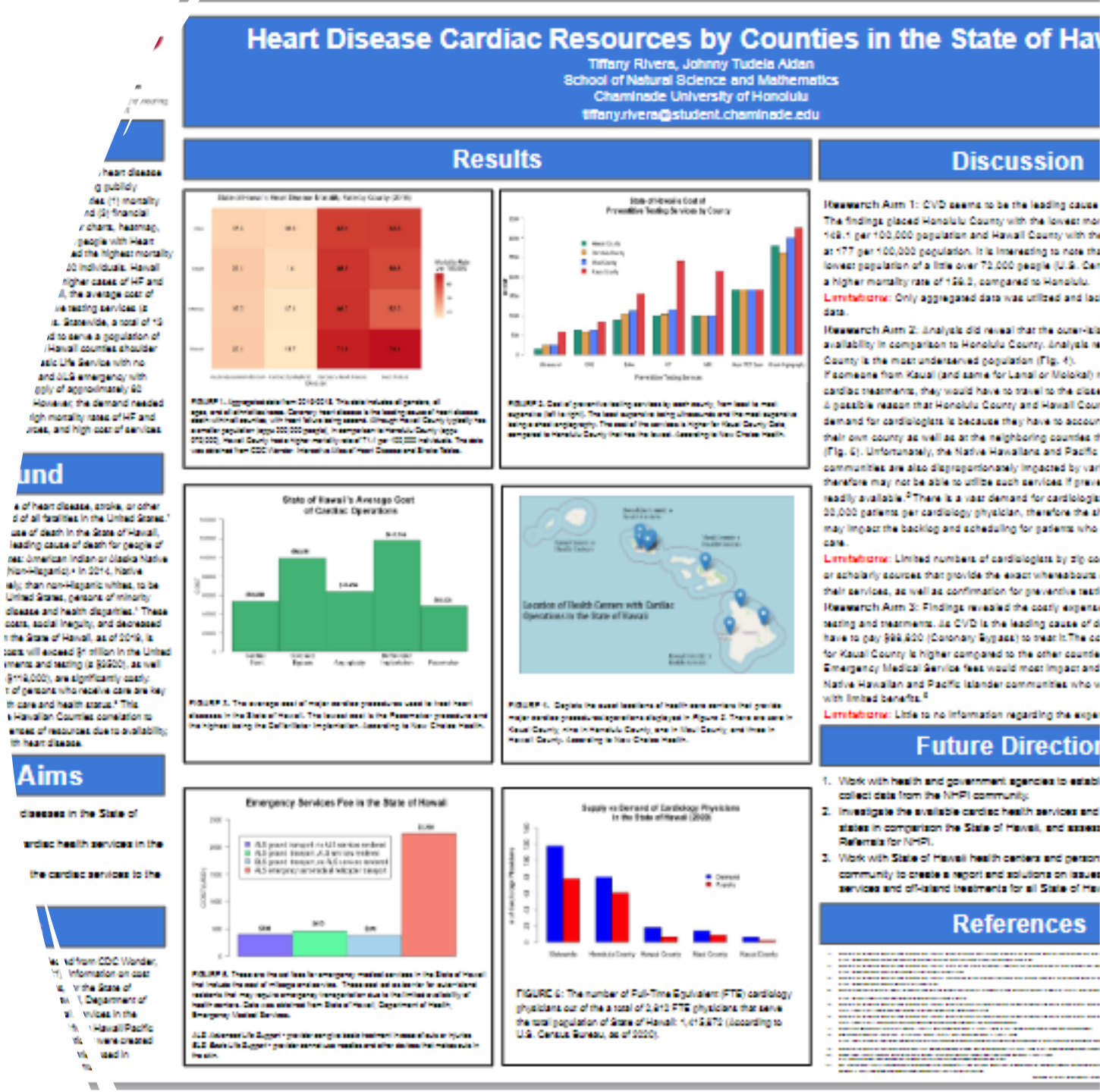
Tiffany Rivera

Chaminade University of Honolulu

Islands of Opportunity Alliance (IOA)

Heart Disease Cardiac Resource Availability by the Counties in the State of Hawai`i

[View Poster Submission]



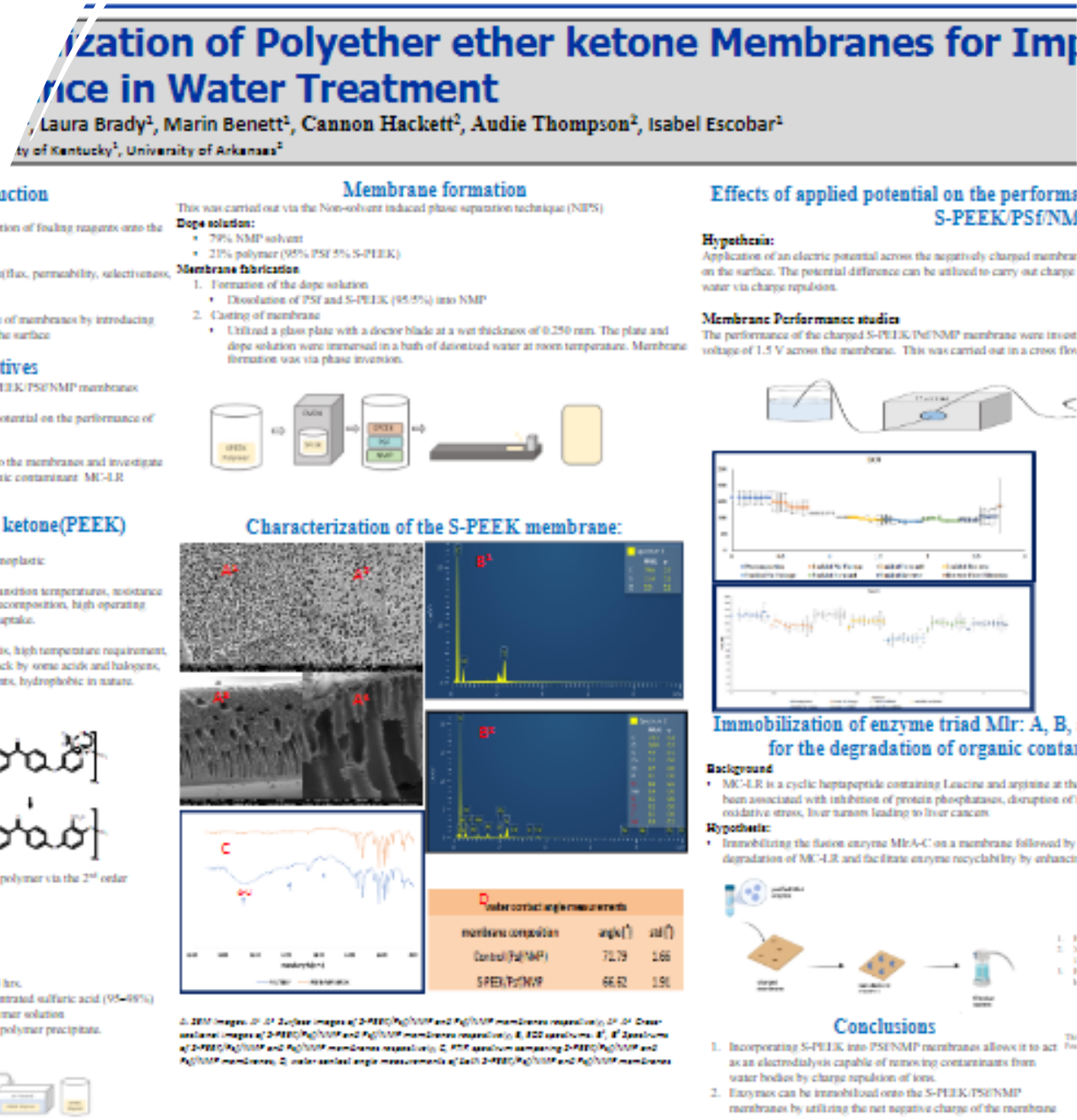
Oral Presenter Winner

Abelline Fionah

University of Kentucky, KY-WV LSAMP

Functionalization of Poly-ether ether ketone for Improved Membrane Performance in Water Treatment

[View Poster Submission]



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Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation. The Louis Stokes Midwest Regional Center of Excellence is funded by the National Science Foundation award numbers HRD-1826626 and HRD-1826719.

LSMRCE

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Lead Institutions

CHICAGO STATE UNIVERSITY

IUPUI

THE OHIO STATE UNIVERSITY

Fermilab

This collaborative project, "Louis Stokes Midwest Regional Center of Excellence," is funded by the National Science Foundation award numbers HRD-1826626 (IUPUI) and HRD-1826719 (CSU)(2018-2023).