



# REACH-OUT

## University of Oklahoma – Tulsa 2025 REACH-OUT Poster Forum

Sponsored by:

Hillcrest Medical Center  
School of Community Medicine's Office for Research Development and  
Scholarly Activity  
Office of the OU-Tulsa Assistant Vice President for Research  
OU-Tulsa Schusterman Library

The logo for Hillcrest, featuring the word 'hillcrest' in a grey, lowercase serif font. A green leaf icon is positioned above the 'i' in 'hill'.

The logo for ORDSA, featuring the word 'ORDSA' in a bold, green, all-caps sans-serif font.





Dear colleagues,

It is my pleasure to share with you the details for OU-Tulsa's 2025 Research Forum, now called REACH-OUT (**R**esearch **E**xpo **A**bout **C**ommunity and **H**ealth at **OU-Tulsa**) Poster Forum. The REACH-OUT Poster Forum is an annual event to showcase research on the OU-Tulsa campus.

**Scholarly work will be widely disseminated.** All REACH-OUT posters will be uploaded to the Open Science Framework, allowing other researchers around the world to view the posters. First, second, and third place winners will be selected along with awards for our special categories.

We would like to express our thanks to the OU-Tulsa Schusterman Library and the School of Community Medicine's Office for Research Development and Scholarly Activity for their dedicated commitment in planning and organizing the 2025 REACH-OUT Poster Forum. We would also like to thank Hillcrest Medical Center, our sponsor for this event.

On behalf of the 2025 REACH-OUT Program Committee, we look forward to receiving your abstract submission. Thank you in advance for your commitment to sharing your research with the Tulsa community.

Sincerely,

A handwritten signature in black ink that reads 'Kent Teague'.

Kent Teague, PhD  
2025 REACH-OUT Poster Forum Chair  
OU-Tulsa Assistant Vice President for Research

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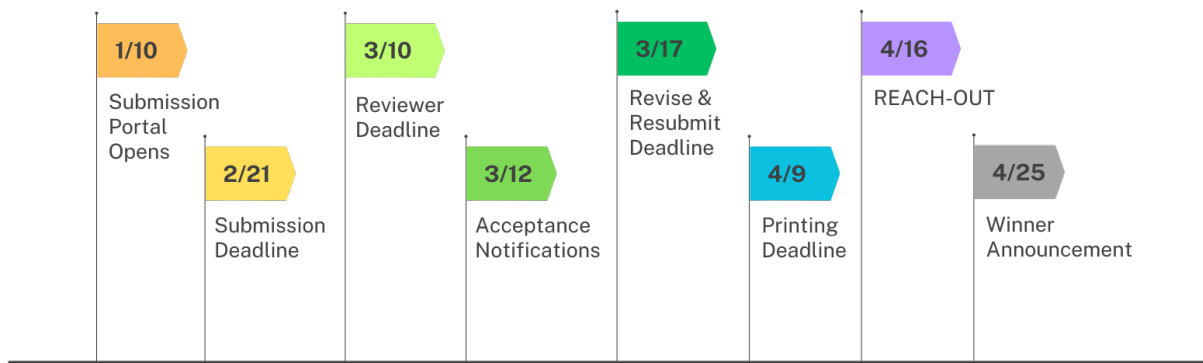
## About the Conference

All accepted posters will be displayed in the Learning Center's Founders Hall during the REACH-OUT Poster Forum on **Wednesday, April 16, 2025, from 2:00pm to 4:00pm**. Posters will also be available for viewing on Open Science Framework.

Winners for first, second, and third place will be selected from all displayed posters (no category-specific awards will be given) along with awards for our special categories. See more details on page 6.

## Important Dates and Deadlines

Abstract Submission Portal Opens	January 10, 2025
Abstract Submission Deadline	February 21, 2025
Acceptance Notifications	March 12, 2025
Revise & Resubmit Deadline	March 17, 2025
Poster Printing Deadline	April 9, 2025
REACH-OUT Poster Forum	April 16, 2025
Winner Announcement	April 25, 2025



## Topical Categories

**Biomedical** – This category focuses on medical research with a biological or clinical focus. Examples would include research focusing on specific diseases, biometrics, medications, and clinical treatments.

**Education** – Posters in the education category will relate to pedagogy, student experiences, medical trainee experiences, educator perspectives, and interventions that occur in an education setting.

**Engineering and Applied Research** – Engineering and applied research posters will focus on science and/or math used for innovation. This includes research related to new technology, devices, inventions, equipment evaluations, machine learning, and solving technical problems.

**Quality Improvement** – Posters in this category will be specifically focused on improving patient care and/or workflows, usually in a clinic or hospital at which one or more of the authors serve. Examples would include things such as increasing follow up visits in patients at an internal medicine clinic, improving rates of preventative screenings for children with diabetes, or creating a decision tree to distribute medication at a psychiatric hospital.

**Social/Behavioral and Community Service** – Projects in this area will focus on health disparities, projects that enrich the community, psychological and social work projects, behavioral interventions, wellbeing, attitudes, and cultural enrichment.

## Special Award Categories

**Focus on Underrepresented Minority Communities** – The REACH-OUT Poster Forum committee recognizes the immense value of the work focusing on underrepresented groups in research. The winning poster in this category will include a research question that focuses on people from minority or understudied populations.

**Convergence Research** – Convergence research uses a transdisciplinary approach where researchers from different fields develop a common applied framework for approaching a complex and compelling problem. Authors eligible for this award will come from multiple departments working together on a problem that spans disciplines.

**Exemplary Staff Poster** – While staff is not competing with students, an exemplary staff poster may be recognized during REACH-OUT.

## Information on Submission

The REACH-OUT Poster Forum (**R**esearch **E**xpo **A**bout **C**ommunity and **H**ealth at **OU-Tulsa**) is an annual event to showcase student, resident, and staff research. Current OU-Tulsa students, fellows, residents, or staff are welcome to submit abstracts to the forum through the REACH-OUT Poster Forum submission website (see link below).

All abstracts should be reviewed by your faculty mentor or advisor before you submit. If you are unsure of who that is, check with your department chair or advisor.

Peer reviewers in a related field will review the submissions to determine if they meet best practices. You will be notified if the abstract has been accepted or rejected by **Wednesday, March 12, 2025**. This gives you time to prepare and print a poster and upload your files to OSF. Review the “Important Dates and Deadlines” section above and if you think you might need more time to prepare your poster, begin working on it as soon as you submit your abstract.

First, second, and third place winners will be announced for the overall forum. To promote further dissemination of research, the top three winners will receive awards to pay for publication fees to publish their work or conference travel to present their work. Please note no category-specific awards will be given.

**The categories for Focus on Underrepresented Minority Communities, Convergence Research, and Exemplary Staff Poster are not categories for submission.** Instead, authors will indicate on their initial submission whether their poster should be considered in these special categories. A select committee will make a final determination for these awards. The three placed winners as well as the winners in the special categories will be announced via email on **Friday, April 25, 2025**.

## Guide for Authors

Reviewers will consider the following questions as they read through the abstract submissions:

Confidentiality: Did the author ensure confidential information is not revealed?

Originality: Is the abstract novel and interesting?

Will the information add to the current body of knowledge?

Is the research question important?

Are the results useful to one or more academic constituents?

Structure: Are the key elements included (background, methods, etc.)?

Does the content of the abstract reflect the title?

Does the introduction/background provide relevant information?

Are the methods adequately described?

Is the method an appropriate one to collect the data needed to address the objectives?

Are the design and sampling plan, or units of data collected appropriate for the project?

Is the analysis plan cogent and accurate?

Are the results explained clearly and logically?

Are the author's conclusions supported by the results?

Language: Is the abstract well written with minimal grammatical errors?

Abstracts that indicate "the work is in progress" or "the results will be discussed" are unacceptable.

References are not necessary to include in abstract submissions.

Need help writing your abstract? Check out these articles for some helpful tips and tricks:

[American College of Physicians – Writing a Research Abstract](#)

[American Society for Microbiology – Tips for Writing Your First Conference Abstract](#)

[PLOS – How to Write an Abstract](#)

## Abstract Submission Information

### Accessing the Abstract Submission Site

You will submit your abstract at <https://rf2025.exordo.com> by **Friday, February 21, 2025**. This deadline is final. Late or incomplete submissions will not be accepted.

### REACH-OUT Lightning Talk Sessions

Incomplete research projects are **not acceptable** for the REACH-OUT Poster Forum. **However, we encourage those with incomplete or ongoing projects to submit their abstract to this year's REACH-OUT Lightning Talk sessions.** The OU-Tulsa Schusterman Library will host Lightning Talk sessions as part of REACH-OUT 2025. Lightning Talk topics can cover the design and operation of a research project as well as programs/projects that describe the creation and improvement of work, services, technologies, and procedures. Research can be in all stages of development, including planning and development stages. Presenters will have 5 minutes each and be limited to 5 slides.

Submit a proposal to the REACH-OUT Lightning Talks [here](#). Submissions are due by **Friday, March 7, 2025**.

Questions about Lightning Talks can be emailed to [outulsalibrary@ouhsc.edu](mailto:outulsalibrary@ouhsc.edu).

### Abstract Format Requirements

Abstracts are limited to 400 words.

Titles must be in title case and limited to 12 words. An example of title case:  
**N**asal **P**olyps **L**eading to **N**ewly **D**iagnosed **C**ystic **F**ibrosis in an **A**dolescent

Abstracts must be provided in a structured format: Introduction, Methods, Results, and Discussion.

Case Reports are **not acceptable** for the REACH-OUT Poster Forum.

All authors' names, credentials, affiliations, and emails must be entered into the submission portal. Please make sure you have this information prior to abstract submission. It is the responsibility of the presenting author to ensure that a faculty mentor has approved the submitted abstract and is listed as an author, and that all co-authors are aware of the contents of the abstract and the submission is their own work in collaboration with the other authors listed.

You will also be asked to provide your IRB number if the study is human participant research. If applicable, please have this information prior to abstract submission.

### Authorship

*"Presenting Author"* is defined as the author designated with presenting the abstract at the REACH-OUT Poster Forum. This individual is also responsible for providing the



required information for all authors included in the submission. The presenting author cannot be a faculty member. If selected as a winner at the REACH-OUT Poster Forum, travel or publication fee support will be awarded to the presenting author.

*“Corresponding Author”* is defined as an author responsible for receiving and responding to messages from the REACH-OUT planning committee and the ORDSA team regarding submission and event information. We strongly encourage the presenting author and the corresponding author to be the same person, as most information is pertinent to presenting authors. However, more than one corresponding author can be selected per submission.

An author can be listed as a presenting author on only one submission; however, they may be a co-author on other abstracts. It is the responsibility of the presenting author to ensure that all co-authors are aware of the contents of the abstract and the submission is their own work in collaboration with the other authors listed. Incomplete author information may cause the abstract to be rejected.

#### Affiliation Examples

University of Oklahoma – Tulsa, Dodge Family College of Arts & Sciences, Department of Social Work

University of Oklahoma, OU-TU School of Community Medicine, Department of Family & Community Medicine

## Poster Submission Information

### Poster Uploads

Once your abstract has been accepted, presenters will need to follow the below instructions.

Presenters are encouraged to use a standardized poster template. You can access the template [here](#).

Once poster materials are complete, presenters will need to upload their poster to [the OSF Meeting site](#). To upload your poster, send an email to [REACHOUT2025-poster@osf.io](mailto:REACHOUT2025-poster@osf.io) from the email account you would like used with OSF. The format of the email should be as follows:

- Subject: Poster title (Please use complete title on poster)
- Message body: Poster abstract text
- Attachment: Your presentation file (e.g., PowerPoint, PDF)

OSF will follow up by sending a permanent identifier that others can use to cite your work. You will also be able to login to OSF and make changes to your submission if necessary. For more information on OSF, review [these helpful tips and tricks](#).

### Day-Of Details and Judging Information

The REACH-OUT Poster Forum will take place on Wednesday, April 16, 2025, from 2:00pm - 4:00pm. **You may hang your poster in Founders Hall that morning, from 9:00am - 11:00am.** If you are not available during that time, you must find someone to hang your poster for you. Be prepared to provide the presenting author's name, the poster title, and/or the submission ID number when arriving to hang your poster. Velcro used to hang the posters will be provided.

The presenting author is **required** to be present in Founder's Hall during the REACH-OUT Poster Forum and should be prepared to make a short presentation to the judges (no more than three to five minutes). The presenting author may **not** be a faculty member. Judges may not be in your field of study so the presentation should be for a general audience.

Presenting authors are expected to be there for the full two hours of the Poster Forum. Judging will take place throughout the event, so it is important to be there for the duration of the event. A poster will not be judged if the presenting author is not present at their poster during the event.

### Withdrawals

If you need to withdraw your submission for any reason, please email [ORDSA@ouhsc.edu](mailto:ORDSA@ouhsc.edu) with your name, poster title, and submission number.

## Suggested Guidelines about Respectful Language

ORDSA values reducing bias in research and is committed to making research accessible to and respectful of minority groups. Please contact [ordsa@ouhsc.edu](mailto:ordsa@ouhsc.edu) with any questions about these best practices. If you think these guidelines should be changed, ORDSA is glad to discuss.

### Checklist of Suggested Guidelines

- ❑ Gender should include “male”, “female”, and “another gender”. If you did not collect genders besides male and female, include an asterisk under your demographic table indicating this. Include transgender identity if measured.
- ❑ Alphabetize races and, if measured, sexual orientations when reporting demographic variables.
- ❑ *Indigenous Peoples* is an appropriate term to describe people from tribal nations.
- ❑ Describe Hispanic/Latinx identity as a race instead of ethnicity whenever possible to acknowledge the minority stress this group experiences. If it is not possible, include a sentence that says “Ethnicity was measured separately from race in this study” before listing demographics related to ethnicity.
- ❑ If you have combined a multi-faceted minority group in your analyses, i.e., all people of color, all LGBTQ+ people, or all Indigenous Peoples for statistical power reasons, write a sentence similar to the following: “Although all people of [demographic group] were combined in these analyses for statistical power reasons, we acknowledge limitations of this approach as different [demographic group] minority people have different lived experiences.”
- ❑ If your results talk about disparities minority people experience, you should write a sentence similar to the following: “[Demographic group] disparities observed in these results are part of a larger social context related to power, privilege differentials, and structural determinates of health.”
- ❑ Appropriate terms for what used to be called homelessness are “people experiencing homelessness”, “unhoused people”, or “houseless people”.
- ❑ Instead of saying addiction, say “disordered substance use” or “substance use disorder”.
- ❑ When discussing people with larger bodies, write a sentence to acknowledge the role social determinants of health play in body size. An example would be: “It is important to note that social determinants of health play a role in body size.”
- ❑ Use person first language, i.e., “people living with HIV”, “people who smoke”, “Hispanic people” (not Hispanics), “people with obesity”.
- ❑ Make the poster [readable by a screen reader](#) for people with visual impairments.
- ❑ Use [colorblind friendly graphs](#).

## Sample Abstract

### *Title*

Camp HOPE: Cultivating Hope and Resilience in Youth Exposed to Domestic Violence

### *Authors*

1. Ms. Ash Horn - University of Oklahoma
2. Ms. Jennifer Jackson-Stowe – University of Oklahoma, Anne and Henry Zarrow School of Social Work
3. Dr. Evie Muilenburg-Trevino – University of Oklahoma, Anne and Henry Zarrow School of Social Work
4. Dr. Chan Hellman – University of Oklahoma, Anne and Henry Zarrow School of Social Work

### *Abstract*

**Introduction:** Camp HOPE America is the frontier for local, state, and national camping and mentoring initiatives in the United States, focusing on children who have been exposed to domestic violence. The Camp HOPE program provides a values-based summer camp and mentoring model that lasts for six-days as an overnight experience and provides follow-up activities that are year-round. The vision for Camp HOPE America is to break the generational cycle of family violence by offering healing and hope to children who have witnessed family violence. Hope is the positive expectation toward the attainment of a future oriented goal, and resilience in this context is the ability to overcome adversity. This study was developed to evaluate the efficacy of the program in creating more hopeful and resilient youth.

**Methods:** The evaluation utilized 1041 self-report surveys from the youth participants of Camp HOPE as a pre-camp/post-camp/30-day follow-up survey design which included 627 matched across all three assessments and counselor observations from camper's first and last days. The hope assessments were based on Snyder's (2000) Children's Hope Scale, and resilience scales were developed by the Hope Research Center to include a 6-point Likert response format (1=none of the time; 6= all of the time).

**Results:** The youth participant's Hope scores increased from pre-test to post-test and again at the follow-up assessment. A repeated measures ANOVA was used to evaluate both children's hope and their resiliency. The results showed that the increase in children's hope was statistically significant [ $F(2, 1252) = 41.689; p < .001$ ]. This indicates that the individual's level of hope increased after participating in Camp HOPE. The results of the analyses for children's resiliency showed an increase from pre-test to post-test, and again from post-test to follow-up. This increase in children's resiliency was statistically significant [ $F(2, 1218) = 17.939; p < .001$ ], indicating that the individual's resiliency also increased attending Camp HOPE.

**Discussion:** The primary outcome was to change the way children exposed to domestic violence believe in themselves, believe in others, believe in their dreams, and find hope for the future. The results of this study provide compelling evidence that Camp HOPE improves the hope of children in a manner that was self-reported by the children and teens and observed by the camp counselors. The results of this evaluation support a compelling argument for the positive power of Camp HOPE to change the lives of children exposed to domestic violence.

## **2024 REACH-OUT Poster Forum Winners**

Congratulations to all the 2024 REACH-OUT Poster Forum winners!

### **TOP 3 WINNERS**

**Ash Rowe** - University of Oklahoma, Hudson College of Public Health, Department of Health Promotion Sciences

Tailoring the “NOURISH-OK” Food is Medicine Intervention for People Living with HIV

**Dr. Madisen Fae Dorand** - University of Oklahoma, OU-TU School of Community Medicine, Department of Internal Medicine

Significant Decrease in Alcohol Use Disorder Symptoms Secondary to Semaglutide Therapy

**Hannah Williams** - University of Oklahoma, OU-TU School of Community Medicine

Pediatric Resident Burnout and Programmatic Assessments: National and Local Perspectives

### **SPECIAL CATEGORIES**

**Focus on Underrepresented Minority Communities – Kay Woodring** - University of Oklahoma, Hudson College of Public Health, Department of Health Promotion Sciences

Using Illustrations to Elicit Perspectives About Food Among People Living with HIV

**Convergence Research – Reza Babaei** - University of Oklahoma, Gallogly College of Engineering, Department of Electrical and Computer Engineering

Annotation-Free Pancreatic Tumor Localization with Denoising Diffusion Model

**Exemplary Staff Poster – Dr. Ye Rang Park** - University of Oklahoma, Jeanine Rainbolt College of Education, Early Childhood Education Institute

Parent Psychological Well-Being, Home Learning Environment, and Child Development among Families in Kenya

## **Abstract Submission Checklist:**

Please ensure you have checked off all the listed steps prior to submitting your abstract.

- Abstract title is in title case and is no longer than 12 words.
- Abstract is 400 words or less (not including title or authors).
- Abstract is structured with separate sections for Introduction, Methods, Results, and Discussion.
- All contributing authors, including the faculty mentor, are listed as authors on the abstract.
- At least one author is prepared to be the presenting author on the submission.
- At least one author is prepared to be the corresponding author on the submission.
- All author emails, credentials, and affiliations are collected and ready to be entered into the submission portal.
- The faculty mentor has reviewed and approved the abstract.
- Research facilitator/administrator has reviewed and approved the abstract (where applicable).