



University of Oklahoma – Tulsa 2024 REACH-OUT Poster Forum

Sponsored by:

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

ORDSA





Dear colleagues,

It is my pleasure to share with you the details for OU-Tulsa's 2024 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 student, resident, and staff research.

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 two 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 2024 REACH-OUT Poster Forum.

On behalf of the 2024 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
2024 REACH-OUT Poster Forum Chair
OU-Tulsa Assistant Vice President for Research

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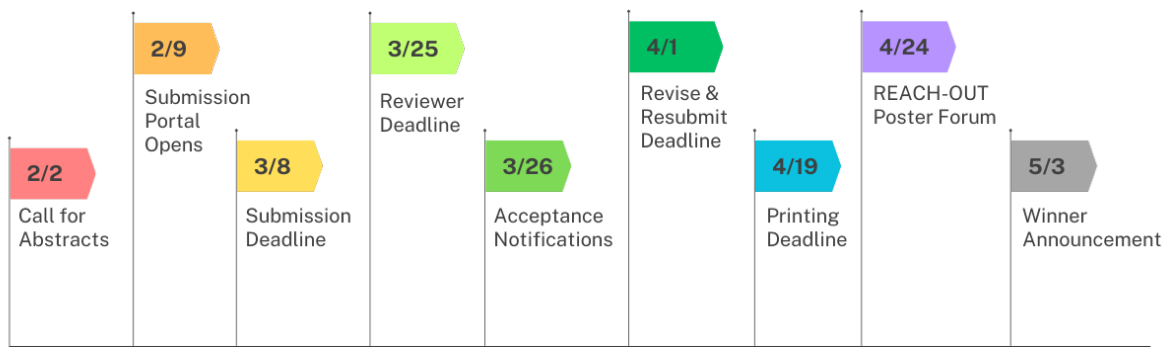
About the Conference

All accepted posters will be displayed in the Learning Center's Founders Hall. 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 two awards for our special categories. See more details on page 6.

Important Dates and Deadlines

Abstract Submission Portal Opens	February 9, 2024
Abstract Submission Deadline	March 8, 2024
Acceptance Notifications	March 26, 2024
Revise & Resubmit Deadline	April 1, 2024
Poster Printing Deadline	April 19, 2024
REACH-OUT Poster Forum	April 24, 2024
Winner Announcement	May 3, 2024



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

Inclusive Research – The REACH-OUT Poster Forum committee recognizes the immense value of the work around inclusion of 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.

Information on Submission

This year, the OU-Tulsa Research Forum has been rebranded as the REACH-OUT Poster Forum (**R**esearch **E**xpo **A**bout **C**ommunity and **H**ealth at **OU-Tulsa**).

The REACH-OUT Poster Forum 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.

Students, fellows, residents, students, or staff may submit an abstract through the REACH-OUT Poster Forum submission website (see link below).

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

Abstracts must be submitted to ExOrdo (<https://rf2024.exordo.com/>) by **Friday, March 8, 2024**. This deadline is final. Late or incomplete submissions will not be accepted. The committee may return an abstract for revisions and resubmission. Incomplete research projects are not acceptable for the REACH-OUT Poster Forum.

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 **Tuesday, March 26, 2024**. This gives you ample time to prepare a poster and upload your files for presentation. Review the “Important Dates and Deadlines” section 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 Inclusive Research and Convergence Research 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 the Inclusive Research and Convergence Research awards. The three placed winners as well as the winners in the Inclusive Research and Convergence Research categories will be announced via email on **Friday, May 3, 2024**.

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 with 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://rf2024.exordo.com/> by **Friday, March 8, 2024**. 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 2024. 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 [here](#). Submissions are due by **Friday, March 8, 2024**.

Questions about Lightning Talks can be emailed to outulsalibrary@ouhsc.edu.

Abstract Format Requirements

Abstracts are limited to 400 words.

Titles must be in title case and limited to 12 words.

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, affiliations, and emails must be entered into the submission portal. Please make sure you have this information prior to abstract submission.

You will be asked to provide your IRB number if the study is human subjects research. Please have that information prior to abstract submission.

Authorship

"Primary Author" is defined as the leading author of the abstract and is responsible for providing the required information for all authors. Please list all authors, including your faculty mentor, on your abstract.

A primary author may submit only one abstract; however, they may be a co-author on other abstracts. It is the responsibility of the primary 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 materials are complete, presenters will need to upload their poster to [the OSF Meeting site](#). To upload your poster, send an email to REACHOUTForum2024-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
- Message body: Poster abstract
- Attachment: Your presentation file (e.g., PowerPoint, PDF, etc.)

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. Learn more with this [Help Guide on Submitting to an OSF Meeting](#).

Day-Of Details and Judging Information

The REACH-OUT Poster Forum will take place **Wednesday, April 24, 2024, 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 will need to find someone to hang your poster for you. Velcro used to hang the posters will be provided.

One of the study authors is **required** to be present during the 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. Ideally, the primary author will present the findings. Judges may not be in your field of study so the presentation should be for a general audience.

Authors are expected to be there for the full two hours. Judging will take place throughout the event, so it is important to be there for the duration of the event, or your poster will not be judged.

Withdrawals

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

Suggested Inclusivity Guidelines for REACH-OUT Posters

ORDSA is committed to making research inclusive and respectful of minority groups. The Inclusivity checklist guidelines below were developed by our campus's Inclusivity in Research committee.

Inclusivity guidelines are evolving and change over time. Please contact ordsa@ouhsc.edu with any questions about these best practices. If you think these guidelines should be changed, ORDSA is glad to discuss your thoughts with you.

Inclusivity checklist

- ❑ 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 “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.

2023 Research Forum Winners

Congratulations to all the 2023 Research Forum winners!

TOP 3 WINNERS

Madison Bickle – The University of Oklahoma, OU-TU School of Community Medicine
Comparing Health Outcomes of Traditional and Continuous ACEs Scales

Natalie Frech – The University of Oklahoma, Hudson College of Public Health
Opportunities to Improve Healthy Food Access for Families in Transitional Housing

Shahrukh Khan Kasi – The University of Oklahoma, Gallogly College of Engineering
Towards Digital Twin Empowered Risk-aware Reinforcement Learning in User-centric O-RAN Architecture

SPECIAL CATEGORIES

Diversity, Equity, and Inclusion – James Elias – The University of Oklahoma, OU-TU School of Community Medicine
Future Medical Professionals' Knowledge Concerning Care for Gender Minority Patients

Convergence Research – Dr. Morgan Bayouth – The University of Oklahoma, OU-TU School of Community Medicine, Department of Pediatrics
Sociomoral Climate and Intent to Leave at a Large Academic Pediatric Practice

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 on the abstract
- All author emails and affiliations are collected and ready to be entered into the submission portal
- Faculty mentor has reviewed and approved the abstract
- Research facilitator/administrator has reviewed and approved the abstract (if applicable)