

THE ROUND-UP

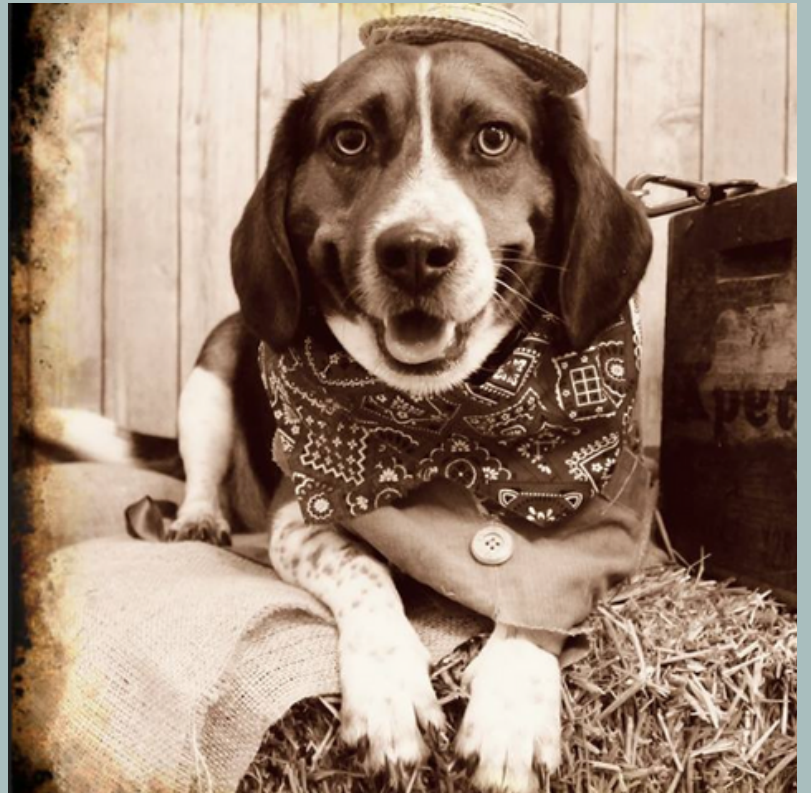
Newsletter of the Network of the National Library of Medicine, Region 3

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Special Feature

Page 10

**Reducing Health Disparities:
Transdisciplinary Ancestral
Genomics Research
Investigations (TAGRI)
Conferences**

*Guest contributor:
Dr. Denise Perry Simmons
University of North Texas*

FILM NEGATIVE

A NOTE FROM THE EXECUTIVE DIRECTOR

By: Brian Leaf

The first year of our performance cycled ended on April 30th, 2022, and I'm so proud of how much we've accomplished. Each member of our team has done a fantastic job of leading efforts regionally and nationally within their specialties in the program.

While we're still feeling the absence of two of our staff (Edward Caldwell & Kristi Ingram) that have moved on to new opportunities, I'd like to review some of our accomplishments from Year 1:

- 49 total events (with May, October, and April being our busiest months)
- Reached 2,866 participants with 569 MLA CE credits claimed
- Total views on YouTube of Health Bytes videos: 1,357
- New partnerships cultivated with the Missouri Primary Care Association, the National Association of Community Health Workers, and the Texas Association of Promotores & Community Health Workers
- Established a Directors' Advisory Board and Outreach Advisor Board with representation across the seven-state region (soon to be listed on our website!)
- Developed a new internal data dashboard for tracking outreach and community engagement across Region 3

The most important resource and measure of our work are the relationships we have with you. To that end, this summer issue of The Round-Up is packed! We're featuring just a few of the projects that we've been excited to fund or partner on with you—and then a ton of your furry companions too. So without further ado, please grab a beverage and snack of your choice, and enjoy!

Thank you so much for your engagement and support, and as always, please don't hesitate to get in touch to let us know how you're doing.



Talking Total Farmer Health

With generous funding from Region 3 of the National Libraries of Medicine, AgriSafe has launched a new podcast – Talking Total Farmer Health with Carey Portell. [The AgriSafe Network](#), a non-profit national organization, represents agricultural workers, health professionals, and educators who strive to reduce health disparities found among the agricultural community. According to the National Institute for Occupational Safety and Health (NIOSH), agriculture ranks among the most hazardous industries, further stating that workers are at very high risk for fatal and nonfatal injuries (National Institute for Occupational Safety and Health, 2020). For nearly 20 years AgriSafe has advanced our mission of “protecting the people who feed the world” through training on agriculture specific health and safety issues both virtually and in-person. TTFH brings the health and safety mission of AgriSafe to our audience in a new way.

TTFH speaks directly to the agricultural producer. Episodes are 15-20 minutes, published once a month, and cover a single health and safety topic. Topics covered so far include Ivermectin use, alcohol misuse, gratitude, and the dangers of anhydrous ammonia. Upcoming episodes will cover heirs' property and Lyme disease.



Traditionally health and safety training by AgriSafe has occurred either face to face or through mid-day webinars. However, podcasting expands our reach by providing training in a new way. Region 3 is home to nearly 600,000 farms and nearly 2 million people working in some capacity on those farms. When thinking about how to reach the agricultural community with authoritative health information, it is key to consider the broadband access issues in rural areas. While 90% of rural adults reporting using the internet, 24% of rural adults report that high-speed internet access is still a major problem. In addition, 28% of rural adults report not having a broadband connection in their home, where many of these farms are located.

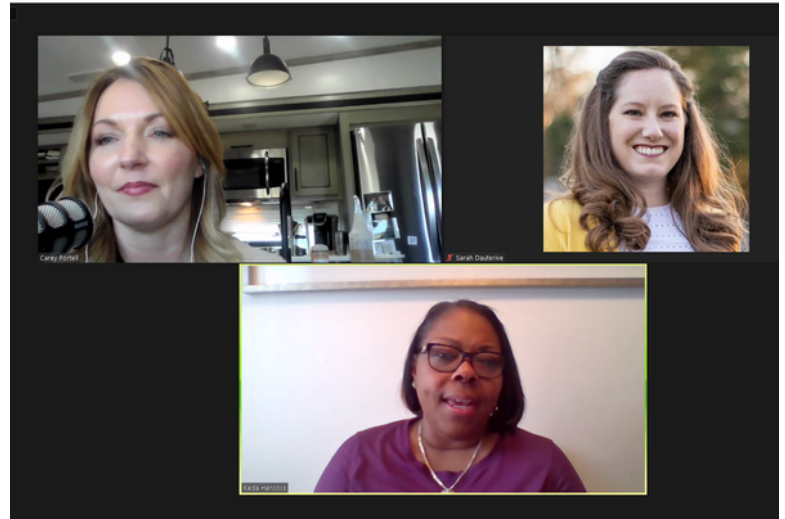
In Region 3, four states are below the 82.7% national average of the percent of the rural population with access to high-speed internet. It is worth noting that of the 28% of rural adults without home broadband, 17% report being “smartphone dependent” or owning a smartphone to access the internet. This is higher than their urban and suburban counterparts, suggesting that a podcast can be a better way to virtually reach this population than AgriSafe’s traditional webinar method. 55% of Americans 12 and older have listened to a podcast before. Edison Research and Triton Digital also found that podcasting is exhibiting “significant and steady growth.” This is borne out by the statistics used to track podcast downloads. With only 4 episodes published, we’ve had over 200 unique listeners and nearly 300 downloads (note: since this article was written, 3 additional episodes have been published)! We are excited about our success so far and to use this platform to continue spread our health and safety mission to ag workers. Thanks, Region 3 of the Network of National Libraries of Medicine, for your support in getting our podcast off the ground.

Talking Total Farmer Health (continued)

If you'd like to listen, you can check out our [podcast on our website](#). Be sure to subscribe to get notifications when a new episode drops!

Author Bio:

Sarah Dauterive is the Web Technologies Librarian at AgriSafe Network. In her role she works to connect the AgriSafe audience with quality health and safety information through AgriSafe's digital platforms and with partners such as NLM. Prior to joining AgriSafe she was an academic librarian for 10 years.



Meeting to record Talking Total Farmer Health



SCC/MLA 2022 Annual Meeting

Call for Contributed Papers,
Posters, Lightning Talks, and
Round Tables

Meeting Dates and Location: September 22 – 27, 2022, Houston, Texas

Deadline for Proposal Submission: June 30, 2022

Notification of Acceptance: August 1, 2022

Submit your work by following the links below! Paper and poster proposals will be reviewed by the Papers and Posters Subcommittees of the Program Committee. Proposals will undergo blind review. (Subcommittee members will not be given author information.)

- [Contributed Papers](#)
- [Lightning Talks](#)
- [Posters](#)
- [Round Tables](#)

Questions? Contact David Duggar, Program Committee Chair: david.duggar@lsuhs.edu



NNLM REGION 3 ANNOUNCEMENTS DIGEST

TRAINING OPPORTUNITIES

Looking to engage with free training opportunities? NNLM offers live webinars and on-demand courses to support your professional development and personal growth!

- Check out the [NNLM training calendar](#) to see what's coming up
- [Browse the complete catalog](#) of all NNLM classes
- Head on over to NNLM Region 3's [Health Bytes YouTube playlist](#) to watch past webinars and claim CE credits

JOB POSTINGS

[Librarian - Health Sciences](#)

University of Texas Arlington
Arlington, TX

.....

[Director of the UAMS Library](#)

University of Arkansas for Medical Sciences
Little Rock, AR

.....

[Reference Librarian](#)

Moody Medical Library
University of Texas Medical Branch
Galveston, TX



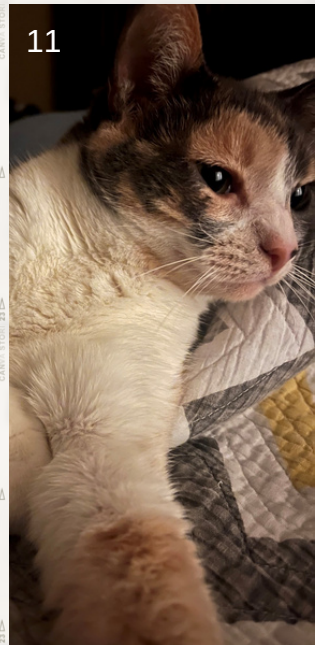
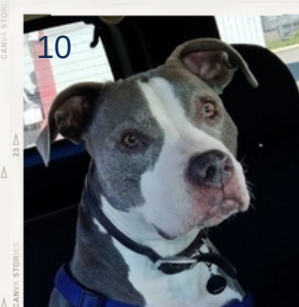
[The Role of Indoor Environmental Hazards on the Health of Children](#)

Wednesday, June 8, 2022
10am CST

Please complete free registration at the link above for connection details.

Furry Friends in Region 3

Earlier this year, we asked you to share photos of your fuzzy besties with us - and you delivered! There wasn't enough space here to include all submissions, but we are deeply grateful to everyone who submitted these adorable photos and sometimes the stories that go along with them. Pet details can be found on page 8.



Furry Friends (continued)



Thanks again for sharing these sweet faces with us! Pet names and details can be found on page 8; plus, find a few more cute photos at the end of our newsletter!

Find furry friends pet details below, including parent names and locations

COVER:

- Top. Copper: Loved by Debbie Loguda-Summers, Public Svcs & 3D Print Svcs Manager, A.T. Still University, Kirksville, MO
- Bottom. Frank Pembleton (orange & white) and Barbara Minerva (gray): Loved by Rachel Helbing, Director of Library Svcs for the Health Sciences, University of Houston, Houston, TX

INSIDE:

1. Peg: Loved by Nicole Montgomery, Clinical Information Specialist, CoxHealth, Springfield, MO
2. Luna: Loved by Alejandra Posada, Chief Operating Officer, Mental Health America of Greater Houston, Houston, TX
3. Leonidas and Kiera: Loved by David McLellan, Librarian, Texas Department of State Health Services, Austin, TX
4. Malbec: Loved by Susan Bader, Director (retired), Baylor U School of Nursing Learning Resource Center, Dallas, TX
5. Franklin: Loved by Linné Girouard, Hospital Librarian, Houston Methodist, Houston, TX
6. Herbert: Loved by Abby Dowd, Training and Development Specialist, NNLM Training Office, Salt Lake City, UT
7. Fiona: Loved by Linné Girouard, Hospital Librarian, Houston Methodist, Houston, TX
8. Wally, Duke of Wigglebottom: Loved By Debbie Montenegro, Deputy Director, NNLM Region 3, Fort Worth, TX
9. Dren: Loved by Holly Hubenschmidt, Director, Library Instruction & Research Services, Webster U Libraries, St. Louis, MO
10. Darla: Loved by Brittney Herrera, Community Health Worker, Lolainc, Corpus Christi, TX
11. Sophie: Loved by Will Olmstadt, Executive Director, Health Sciences Library, LSU Health Shreveport, Shreveport, LA
12. Coco: Loved by Katie Prentice, Executive Director, TMC Library, Houston, TX
13. Cindy: Loved by Diane Johnson, Asst Director, Info Svcs & Resources, Lottes Health Sci Library, U of MO, Columbia, MO
14. Tyga: Loved by Dede Rios, Director of Optometric & Clinical Library Services, U of the Incarnate Word, San Antonio, TX
15. William of Orange: Loved Mary C. Capps, Cross-Unit Liaison, Hogg Foundation for Mental Health, Austin, TX
16. Stew: Loved by Briauna Armendariz, Assistant Librarian, Temple Public Library, Killeen, TX
17. Mini Pearl Fisher: Loved by Johnye Fisher, Head Librarian, Sevier County Library, De Queen, AR
18. Stinky the Cat: Loved by Keith Pickett, Coordinator, Research Svcs & User Resources, Matas Library, Tulane U, Marrero, LA
19. Smokey: Loved by Brittney Herrera, Community Health Worker, Lolainc, Corpus Christi, TX
20. Penny: Loved by Jean Waldrop, Library Director, Brackett Library, Harding University, Searcy, AR
21. Moxie and Pogo: Loved by Karen Vargas, Archivist, Houston Methodist, Houston, TX
22. Minnow: Loved by Lisa Puhala, Technical Services Supervisor, Temple Public Library, Temple, TX
23. Cheyenne: Loved by Jennifer Brady, Head Librarian, Ref, Research, & Instructional Svcs, Creighton U, Omaha, NE
24. Tora: Loved by Charles Seymour, Discovery Services Librarian, Moody Medical Library, UTMB, Galveston, TX
25. Mr Fox: Loved by Shelly Wirtz, Director, Herington Public Library, Herington, KS
26. Ayla: Loved by Catherine Lockmiller, Health Science Librarian, Northern Arizona University, Phoenix, AZ
27. Khaji: Loved by Amy Six-Means, Medical Librarian, Children's Health, Dallas, TX
28. Eliza Doolittle: Loved by Kayla Riel, Missouri CARES Coordinator, MU Health Care, Columbia, MO
29. Franklin: Loved by Amy Faltinek, Senior Director, Technical Services, Texas Tech University HSC, Lubbock, TX
30. Abigail Louise: Loved by Debbie Loguda-Summers, Public Svcs & 3D Print Svcs Manager, A.T. Still University, Kirksville, MO
31. Aspen: Loved by Jennifer Brady, Head Librarian, Ref, Research, & Instructional Svcs, Creighton U, Omaha, NE
32. Caramel: Loved by Amy Six-Means, Medical Librarian, Children's Health, Dallas, TX
33. Rosie, Aang, and Zuko: Loved by Geri Neemidge, Technology Librarian, Taylor Public Library, Taylor, TX

NNLM R3 Emerging Leader Award

The purpose of the Emerging Leader Award is to motivate and prepare a librarian for a position of leadership in an academic health sciences library. With oversight from the NNLM Region 3 Directors' Advisory Board, the awarded librarian is paired with a director who will serve as their mentor.

Amount: \$4,000

Deadline: August 25, 2022

More info here:

<https://nmlm.gov/funding/rfa/emerging-leader-award>



Rooks County Partners Awarded NNLM Region 3 Express Health Information Outreach Award

Teen vaping has been identified as a growing health crisis in Kansas. The Kansas Department of Health and Environment reveals one in ten Kansas high school students vape regularly and one in five students have tried vaping. To raise awareness of preventable respiratory diseases and the dangers of teen vaping Rooks County Health Center, Plainville Memorial Library, Stockton Public Library, local organizations, schools, and healthcare entities joined forces to develop and implement an outreach program entitled "Raising Awareness of Preventable Respiratory Diseases". The program was made possible in part by the Express Health Information Outreach Award from the Network of the National Library of Medicine, Region 3. The project focused on providing presentations, visual aids, and training for different ages and education levels. A key part of the event was bringing in MEGA Lungs, a highly interactive, educational experience



about the respiratory system to two schools in the county for students and the public to tour. Visitors can step inside the inflatable human lungs, learn about the various structures and normal lung function, observe examples of lung trauma and disease and view displays explaining latest respiratory medical treatment.

National Library of Medicine resources along with other health information materials were used to create a curriculum for grades 1-12 to educate the students about the risks, symptoms and causes of many diseases of the lungs. The exhibit was available for the public to view at the Plainville High School basketball game.

Brenda Frederking from the Plainville Memorial Library had an exhibit with information about the library and brought books for all age groups about the lungs. She was also able to sign people up for a library card. Stephanie Bjornstad, RN, was available to answer questions about the lungs and Kandie Morain, Project Director organized volunteers.

The program was a huge success. 963 people attended the event that took place January 12-13, 2022. Attendee comments were positive with most students being engaged and interested in the display. One of the health centers staff members stated, "If we can save one kid from starting to smoke or vape, all of this was worth it"!

For more information about NNLM Region 3 and available awards go to [Funding Opportunities](#).

Reducing Health Disparities: Transdisciplinary Ancestral Genomics Research Investigations (TAGRI) Conferences



Dr. Denise Perry Simmons

Submitted by Dr. Denise Perry Simmons, University of North Texas

Below is a brief account of how the TAGRI Conferences, based out of the University of North Texas, were born. For access to conference recordings and contact information, see page 12.

I would like to share the conference series development process as a journey - events that unfold our visions toward the dream, and allow those who read, listen to engage with next steps and participate in our mission to end health disparities.

STEM meets social & behavioral sciences: UNT Graduate School Conference

I was an invited STEM speaker when I was moved to action after listening to UNT Evolutionary Historian Constance B. Hilliard's riveting research on medical paradox (MP), Reference Human Genome (RHG) link and ancestral genomics (AG) in African Americans of slave descent. Over a decade had passed since my small contribution in the race to sequence the human genome; the term health disparities (HD) among marginalized and vulnerable populations (MVP) had become a household phrase fully bound to socioeconomic status and culture. Who was this historian that connected the dots for STEM and medicine's unresolved MP narrative? It was an immediate epiphany driving toward a personal goal of transdisciplinary problem solving. We must work together.

The jigsaw puzzle: TAGRI

We knew that building transdisciplinary approaches to solving these problems would be challenging, but we also knew we already had the four corners of a puzzle: RHG, MVP, MP and newly found AG. From these corners, we put together a larger puzzle which allowed us to better understand the issues at hand. We named it Reducing Health Disparities: Transdisciplinary Ancestral Genomics Research Investigations (TAGRI).

The conference series emerges: The need for a central paradigm shift confirmed by NIH

We quickly targeted the above seminal concerns, which Professor Hilliard introduced and later developed as a Theoretical Ancestral Genomic Variant Model - an award-winning scholarly work at the April 2019 Annual American Association of Cancer Research (AACR) Conference. In September 2019, [NIH announced funding to several universities to begin diversification of the RHG](#).

Thus, Dr. Hilliard & I officially began our TAGRI journey along with scientific researchers, the community, national/regional/community health leaders, and non-/for-profit organization. A brand (by UNT PhD graduate Sujata Agarwal) and a tagline emerged, "ENVISIONED by translational biomedical researcher, Denise Perry Simmons, INSPIRED by evolutionary historian Constance Bernard Hilliard's Ancestral Genomic Variant Theory, EXECUTED by dedicated and passionate participants in the journey toward the DREAM".

TAGRI (continued p. 11-12)

TAGRI (continued)

The vision toward the dream: IMAGINE HEALTH EQUITY

Our goals:

- Awareness
- Education
- Training
- Informed decision-making
- Participation
- Elimination of health disparities

We were primed and pumped to change the disparity narrative; as TAGRI Translational PI and Scientific Research Director, I was certain we would realize our vision.



TAGRI logo by Sujata Agarwal, 2019

2020 inaugural TAGRI Conference and Think Tank outcome: A vision redirected

During our 2020 events we had lofty visions, including increased awareness and participation in clinical research by proposed populations. However, these visions were halted during a “Think Tank” closing session. We had a post-conference revelation regarding mistrust and discovered that marginalized populations refuse engagement with clinical trials citing 3 challenges:

- Ongoing transgressions
- Cultural disrespect
- Fear of lacking health information privacy

We started this project prepared to hear the community's concerns in order to find a new starting point for working together strengthen clinical research, so a second conference was born: 2021 TAGRI-II: Reducing Health Disparities: Actively Engaging Community, Researchers, and Community and National Health Leaders.

Message received: Time to listen to marginalized communities

Scientific researchers must pause and engage with meaningful human relationships in order to positively affect research in marginalized communities; TAGRI-II provided a forum to begin this work. TAGRI-II employed Community-Based Participatory Research (CBPR), including:

- Community-led outreach discussion panels
- Scientific education and training sessions on approaches to reduce health disparities
- Sessions on health disparities initiatives led by national and local health leaders
- [Robust roundtable CBPR closing session](#)

Ancestral Genomics CEU

In addition to a host of important lessons learned on how to engage varied communication with research, one of our TAGRI-II sessions offered the first [State of Texas-approved Continuing Education Unit \(CEU\) on Ancestral Genomics](#), now hosted on the NNLN YouTube channel.

[add links](#)

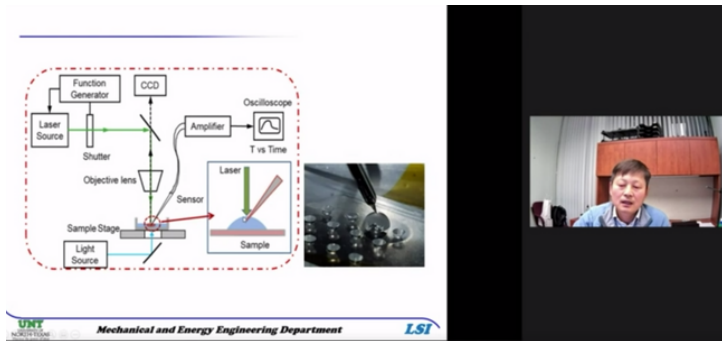
TAGRI (continued)

TAGRI has been a learning journey for everyone involved. I urge you to [view all the compelling sessions](#) and keep an eye on the following TAGRI-II highlighted tools being developed. Please feel free to [email me](#) if you'd like to talk!

Additional highlights

Here WE all are

- Working diligently to spread information and execute the tasked Visions toward the DREAM
- Working to gain trust through listening and actions that allow for sustainable relationships
- Working to develop projects engaging trans-disciplinary, professionals and community
- Working to demonstrate that we are all in this, together, but it is a bit like precision medicine as CBPR Panel in TAGRI-II have agreed and stated “This is not a cookie-cutter template” to the DREAM

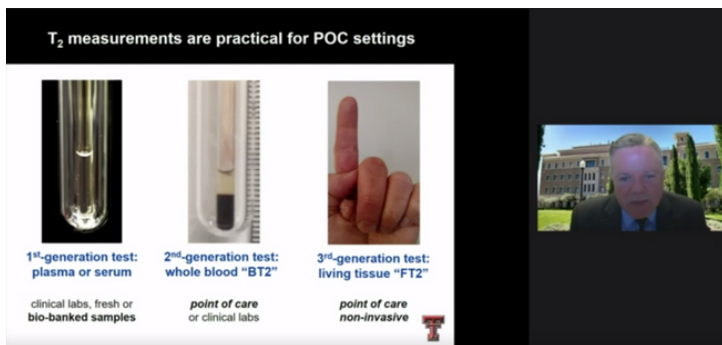


[Development and Application of a Microthermal Sensor](#)

by **Tae-Youl Choi**

TAGRI Note: Indications in Brain, Breast, Ovarian and Skin Cancers

[click image to view presentation - see timestamp 43:40]



[New Tools for Addressing Disparities in Cardiometabolic Health and Diabetes Prevention](#)

by **David P. Cistola**

[click image to view presentation - see timestamp 57:09]



[Bayesian Rate Ratio Effect Size for Count Data in Single Case Experimental Designs](#)

by **Prathiba Natesan Batley**

TAGRI Note: Indication in Precision Medicine

[click image to view presentation]

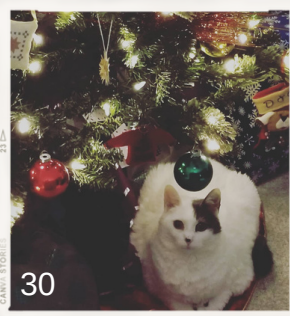
Thank you NNLM Region 3 for this uniquely progressive platform to share the Reducing Health Disparities: Transdisciplinary Ancestral Genomics Research Investigations (TAGRI) Conference Proceedings. NNLM Region 3 has provided an unprecedented venue that opens portals otherwise seemingly unavailable.

Now Hiring: NNLM R3 Health Information Strategist

As the NNLM Region 3 Regional Medical Library, we coordinate outreach services and provide programming on behalf of the National Library of Medicine throughout Arkansas, Kansas, Louisiana, Missouri, Nebraska, Oklahoma, and Texas. The Health Information Strategist will work in a team-based setting and ideal candidates will bring in a spirit of cooperation, exploration, desire for professional growth, and continuous process improvement to help achieve the mission and goals of NNLM and the RML. This person will work with the NNLM Public Health Collaborative to execute strategy at the regional and national level.

More info here:

<https://jobs.untsystem.edu/postings/59779>



We want to connect with you!



UNT HSC Region 3 Landing Page: <https://library.unthsc.edu/nnlmregion3>
NNLM Website: <https://nnlm.gov/about/regions/region3>



Email address: nnlmregion3@unthsc.edu
Sign up for news and updates: <https://tinyurl.com/NNLMR3email>



Region 3 Announcements Digest Submissions:
<https://forms.gle/XqmQeR3FJhNkCGPQ7>



We answer our phones!: [817-735-2223](tel:817-735-2223)
Staff contact details: <https://library.unthsc.edu/nnlmregion3#Contact>

