

URR Fitness Action Plan

A continuation of the effort to
raise the tide of the TRTR
Community

AMBER JOHNSON

 **Isotopic Topics**
LLC



Inter-active Polling

We'll use the Aha Slides app to collect your anonymous responses and show the results in real-time.

- ✓ Completely anonymous
- ✓ Real-time results



ahaslides.com/YIIV1



A Little About Our Mission



To understand and solve the information sharing needs of the Community by realizing helpful information, creating software tools to best organize that information, and making it available at the TRTR.org website.



Amber Johnson
Director, UMD Radiation Facilities



Dr. Brenden Heidrich
NSUF Chief Irradiation Scientist



Clive Townsend
TRTR.org developer



URR
Licensees



Vision



To be the community's go-to site for organized & vetted, **evolutionary** information.

URR Fitness Study **Report (2019)**

The NSUF met with TRTR licensees to collect input from the US university reactor community on their current and future needs. The effort started with a web survey to collect initial data. NSUF held a follow-up workshop at the Center for Advanced Energy Studies in Idaho Falls. Members of the community presented challenges and best practices from their facilities.



**Marketing
reactor
utilization and
capabilities**



**Knowledge
transfer**



**Capital
infrastructure**



**Regulatory
burden**



Challenges

untapped relationships with national labs

lack of plan for DOE infrastructure funds

dwindling obsolete technology expertise

LAR process & success uncertainty

no shared record of installed systems

infrastructure repair & replacement

loss of tribal knowledge

lack of prior projects execution know-how

inconsistent 50.59 evaluation approvals

untapped reactor utilization

Current Progress



Lack of Vendor Competition

Lack of vendors in the community results in increased costs and schedules and a reduction in viable, creative solutions.



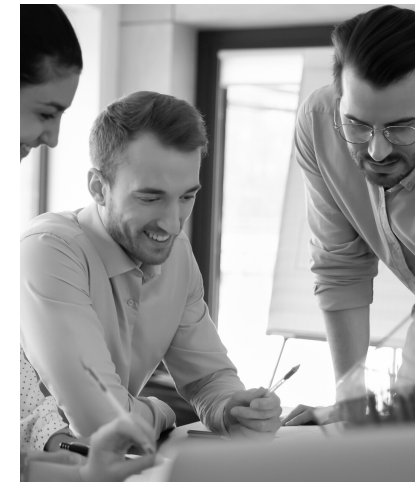
Spare parts availability

Who has what parts available to share?



TRTR.org stability

The website changes hands with each new Chair - difficult to add functionality and progress



RAI insight

RAI's from other's projects can provide lessons learned and consistency for both regulator and licensee.

TRTR.org **Functional Facelift**

Forums

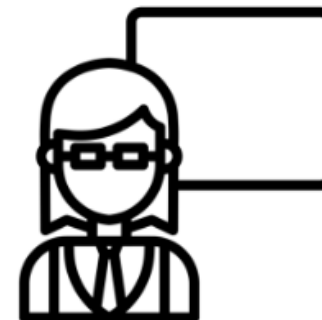
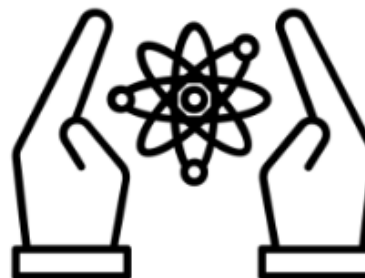
Users require an account to post. Confirmed accounts from research reactor facilities will have access to additional forums. Any registered user can share job postings.

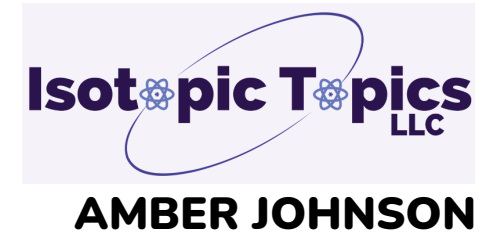
Wiki

This will become the de-facto portal for knowledge transfer and sharing best practices

Radiation Services

Facilities can list their capabilities, services and availability.





Thank you
for participating

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Visit Here: [TRTR.org](https://www.trtr.org)