

7T TRANSLATIONAL ALLIANCE OF NORTH AMERICA 7T TANA

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Translation of ultra-high-field MRI innovations into broadly applicable clinical solutions



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About the Program

The mission of 7T TANA is to translate the powerful imaging capabilities of 7 Tesla MRI to real-life benefits for patients, healthcare providers, and researchers in North America and worldwide. This year's meeting is centered on the translation of ultra-high-field MRI innovations into broadly applicable clinical solutions. Leveraging UNC's strong integration of clinical practice and advanced imaging research, the program will highlight rigorous, translationally focused efforts that bridge technical development and real-world clinical impact.

Through invited lectures, proffered abstract presentations, and poster sessions, participants will explore the full pathway from methodological innovation to clinical utility, with emphasis on how emerging acquisition strategies, reconstruction frameworks, and quantitative imaging approaches are being deployed to address pressing clinical and biological questions.

Who Should Attend?

This meeting is designed for clinician-scientists, imaging method developers, industry partners, funding organizations, and translational researchers interested in deploying ultra-high-field MRI for real-world clinical impact. Sessions will emphasize validation, scalability, regulatory considerations, and clinical adoption pathways. Discussions from this meeting may inform a community white paper outlining translational priorities for 7T MRI.

Venue

Meeting Location
1131 Bioinformatics Building
Bioinformatics Lobby
University of North Carolina at Chapel Hill

Call for Abstracts

Prospective participants are invited to submit abstracts for oral and poster presentations at the 7T TANA 2026 workshop. Abstracts should be submitted by email to unc7TTANA2026@gmail.com.

Registration

<https://www.med.unc.edu/bric/2026-7t-tana-meeting/>



The Biomedical Research Imaging Center (BRIC) and the Department of Radiology at the University of North Carolina at Chapel Hill

Website: <https://www.med.unc.edu/bric/>