

A postdoctoral position is immediately available in the Laboratory for Nanomedicine, led by Dr. Rachael Sirianni, at the University of Texas Health Science Center at Houston.

Dr. Sirianni's research program is focused on the development of nanotechnology in pediatric neuro-oncology. Major activities in the laboratory include nanoparticle engineering for targeted delivery of small molecule drugs to the central nervous system, tissue engineering to model drug delivery to the intrathecal space, imaging, and translational drug development studies. The postdoctoral researcher is expected to engage in nanoparticle engineering in concert with imaging and efficacy studies to develop new therapeutic candidates for the treatment of tumors arising in the posterior fossa. This position involves a balance between preclinical innovation and translational activities, and the specific balance can be adjusted per the candidate's experience and research interests.

Qualified personnel will ideally possess either a background in biomaterials for drug delivery. A candidate lacking an engineering background would be well-qualified if they have specific experience with in vivo models. The research environment is fast-paced, highly collaborative, and focused on mentoring and career development for all laboratory personnel. Interested individuals should send a curriculum vitae and statement of interest to

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<https://med.uth.edu/neurosurgery/faculty/rachael-sirianni/>

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