

## Fellowship in Integrated Neuroimaging and Neuromodulation Technologies:

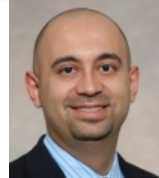
*Leading to success in your future academic, industry and healthcare career*

- Outstanding research and education environment provided by interdisciplinary teams in a well-integrated network
- Personalized training trajectories across actively collaborating labs, programs and departments
- Learning creative biomedical engineering approaches to effectively address real-world challenges
- **Submit your application now:**
  - Graduate student positions: <http://bme.arizona.edu/main/admissions> (Ph.D. application deadlines are December 1st for international students and January 6th for domestic students)
  - **New** positions available: NIH-T32 Graduate Training Program in Biomedical Imaging and Spectroscopy
  - **New** post-doctoral and post-baccalaureate positions: Please contact principal investigators in our integrated networks listed below:



**Maria Altbach, Ph.D.**

MRI pulse sequence development;  
Motion-insensitive MRI and clinical  
translation  
[maltbach@radiology.arizona.edu](mailto:maltbach@radiology.arizona.edu)

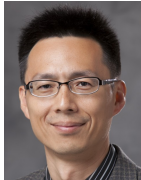


**Ali Bilgin, Ph.D.**

Signal processing, numerical methods,  
and fast MRI methodologies  
[bilgin@email.arizona.edu](mailto:bilgin@email.arizona.edu)

**Nan-kuei Chen, Ph.D.**

High-resolution and motion-immune  
MRI technologies; Cloud computation  
[nkchen@email.arizona.edu](mailto:nkchen@email.arizona.edu)



**Ying-hui Chou, Sc.D.**

MRI-guided neuromodulation with  
transcranial magnetic stimulation  
[yinghuichou@email.arizona.edu](mailto:yinghuichou@email.arizona.edu)



**Jean-Philippe Galons, PhD.**

Quantitative MR Imaging and MR  
spectroscopy; Clinical and pre-clinical  
applications.  
[jgalons@email.arizona.edu](mailto:jgalons@email.arizona.edu)



**Arthur Gmitro, Ph.D.**

Optical imaging, MRI, cancer imaging  
Director of NIH-T32 Graduate Training Program  
in Biomedical Imaging and Spectroscopy  
[gmitro@radiology.arizona.edu](mailto:gmitro@radiology.arizona.edu)

**Gloria Guzman, M.D., M.Sc.**

Advanced multiparametric MRI (high-  
resolution diffusion basis spectrum imaging  
and fMRI) and molecular techniques  
(F-DOPA) for oncologic neuro imaging  
[gguzman@radiology.arizona.edu](mailto:gguzman@radiology.arizona.edu)



**Manoj Saranathan, Ph.D.**

MRI physics and neuro MRI  
technical development;  
Translational MRI  
[manoj sar@radiology.arizona.edu](mailto:manoj sar@radiology.arizona.edu)



**Vignesh Subbian, Ph.D.**

Computational medicine and  
informatics for neurological health  
[vsubbian@email.arizona.edu](mailto:vsubbian@email.arizona.edu)



**Nima Toosizadeh, Ph.D.**

Geriatric research; Frailty assessment;  
Body worn sensors; Functional MRI  
[ntoosizadeh@aging.arizona.edu](mailto:ntoosizadeh@aging.arizona.edu)

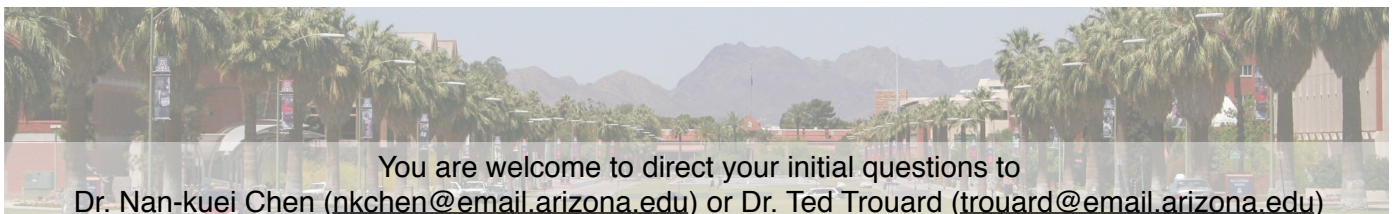
**Ted Trouard, Ph.D.**

Neurological MR imaging for  
animal and human studies  
Chair of Biomedical Engineering  
Graduate Interdisciplinary Program  
[trouard@email.arizona.edu](mailto:trouard@email.arizona.edu)



**Russ Witte, Ph.D.**

Ultrasound and acoustoelectric  
imaging; Neuromodulation  
[rwitte@email.arizona.edu](mailto:rwitte@email.arizona.edu)



You are welcome to direct your initial questions to  
Dr. Nan-kuei Chen ([nkchen@email.arizona.edu](mailto:nkchen@email.arizona.edu)) or Dr. Ted Trouard ([trouard@email.arizona.edu](mailto:trouard@email.arizona.edu))