



## Philips Research NA

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Philips Research North America (PRNA), the North American Research & Development division of Philips Electronics, has a career opportunity for an individual in our Clinical Sites Research Department.

### MR-guided HIFU Scientist

We are seeking an individual to conduct image guided therapy research within our minimally invasive interventional technology program in our Research laboratory. The successful candidate will be a member of a multi-disciplinary and multi-site team in Philips Research. Key areas of responsibility will be the following:

- Develop new applications of MR-guided HIFU in moving organ systems
- Develop and adapt MR pulse sequences and imaging techniques for HIFU applications
- Integrate therapy and interventional systems in the MR high magnetic field environment
- Integrate both software and hardware aspects of MR and ultrasound imaging for therapy guidance

We require the following credentials for this position:

- PhD in Biomedical Engineering or equivalent with expertise in MR physics, pulse design, and systems engineering
- Experience with HIFU very desirable
- Experience with interventional devices in the MR environment
- Experience with basic MR compatibility testing of devices and materials
- Experience with hardware or software integration of multiple imaging modalities
- MR clinical imaging exposure would be preferred but not required

The ideal candidate will have the opportunity to integrate into a multidisciplinary and multi-site team. As a member of our team the successful candidate will develop image therapy solutions for medical imaging projects in agreed upon timelines. Strong communication skills in written and verbal English are also required.

This position will be based at a key clinical research site in the USA, supported by Philips Research laboratory in Briarcliff Manor, NY and other projects within the Philips organization in the USA and Europe.

**Philips Research** NA is located on the east side of the Hudson River, about an hour north of New York City. We offer a competitive benefits and salary package.

We are an equal opportunity employer M/F/H. To learn more about Philips Research NA log on to [www.research.philips.com](http://www.research.philips.com)

For more information during the conference, please contact Ameet Jain, Senior Member Research Staff, Philips Research NA at [Ameet.Jain@Philips.com](mailto:Ameet.Jain@Philips.com).

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