



Engineering the Future of Health

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Bio-electromagnetic Technologies

[Shumin Wang, Ph.D., Program Director](#)

Bioanalytical Sensors

[Tatjana Atanasijevic, Ph.D., Scientific Program Manager](#)

Image-Guided Interventions

[Guoying Liu, Ph.D., Program Director](#)

Magnetic Resonance Imaging

[Guoying Liu, Ph.D., Program Director](#)

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Molecular Probes and Imaging Agents

[Tatjana Atanasijevic, Ph.D., Scientific Program Manager](#)

Nuclear Medicine

[George Zubal, Ph.D., Program Director](#)

Optical Imaging and Spectroscopy

[Afrouz Anderson, Ph.D., Program Director](#)

[Behrouz Shabestari, Ph.D., Director - National Technology Centers Program, Acting Director - Division of Health Informatics Technologies](#)

Ultrasound: Diagnostic & Interventional

[Randy King, Ph.D., Program Director](#)

X-ray, Electron, and Ion Beam

[George Zubal, Ph.D., Program Director](#)

Bioengineering

[Division of Discovery Science & Technology \(DDST\)](#)

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[Mathematical Modeling, Simulation and Analysis](#)
[Grace Peng, Ph.D., Program Director](#)

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[Luisa Russell, Ph.D., Program Director](#)

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[Moria Bittmann, Ph.D., Program Director](#)

Synthetic Biological Systems

[David Rumpulla, Ph.D., Director](#)

Prototype Deployment

[Resource Centers for Bioengineering Technologies](#)
[Ilana Goldberg, Ph.D., Program Director](#)

Small Businesses for Bioengineering Technologies

[Ilana Goldberg, Ph.D., Program Director](#)

Health Informatics Technologies

[Division of Health Informatics Technologies \(DHIT\)](#)

Artificial Intelligence, Machine Learning, and Deep Learning

[Behrouz Shabestari, Ph.D., Director - National Technology Centers Program, Acting Director - Division of Health Informatics Technologies](#)

Biomedical Informatics

[Qi Duan, Ph.D., Program Director](#)

Digital Health - Mobile Health and Telehealth

[Tiffani Lash, Ph.D., Program Director](#)

Point of Care Technologies - Diagnostics

[Tiffani Lash, Ph.D., Program Director](#)

Image Processing, Visual Perception and Display

[Behrouz Shabestari, Ph.D., Director - National Technology Centers Program, Acting Director - Division of Health Informatics Technologies](#)

[Qi Duan, Ph.D., Program Director](#)

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National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Our Mission

The mission of the National Institute of Biomedical Imaging and Bioengineering (NIBIB) is to improve health by leading the development and accelerating the application of biomedical technologies. The Institute is committed to integrating the physical and engineering sciences with the life sciences to advance basic research and medical care.

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