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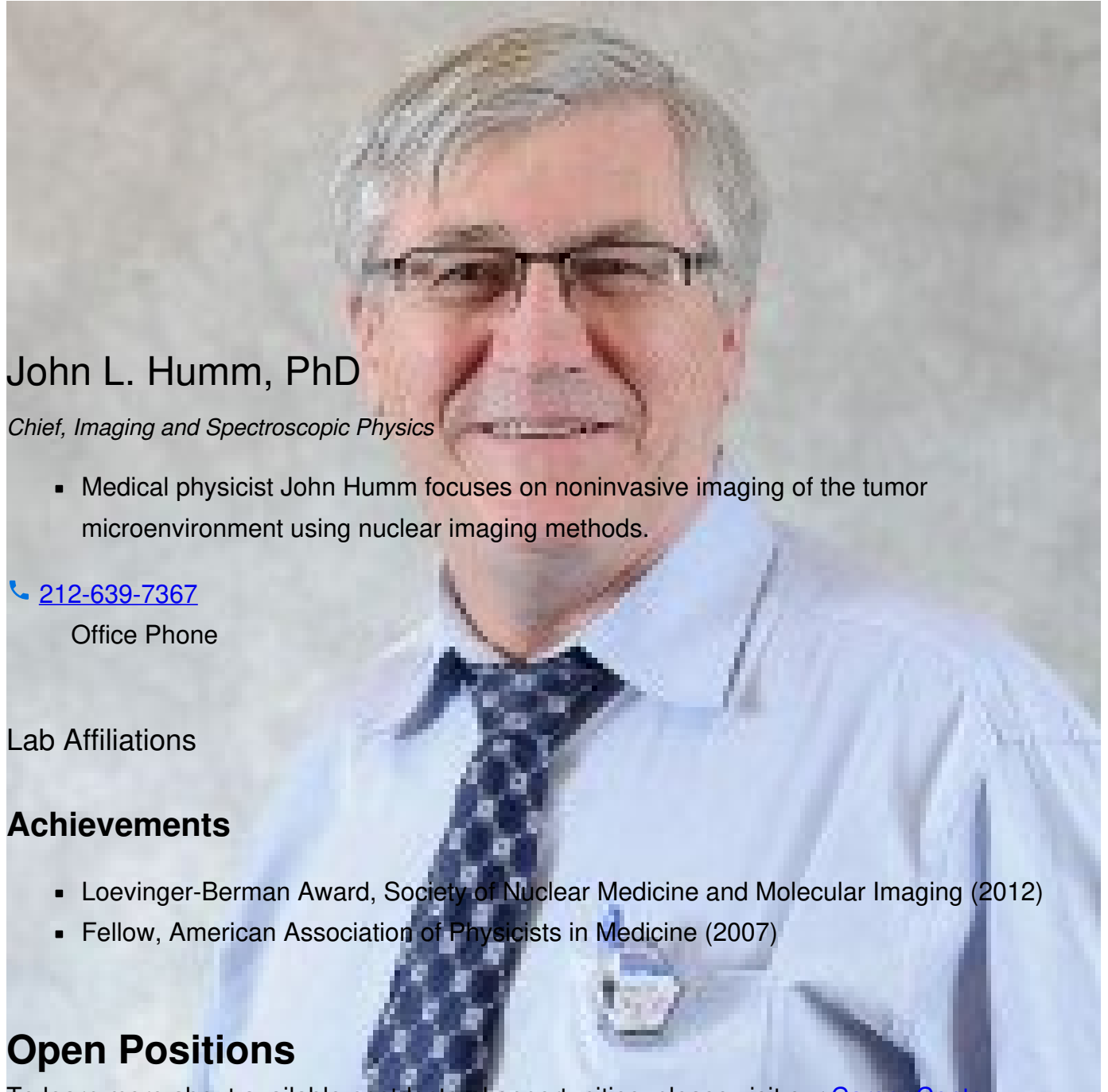
FOR THE MEDIA



John L. Humm, PhD
Chief, Imaging and Spectroscopic Physics

I am head of the nuclear medicine physics section, which supports research in PET/CT, targeted therapies, and molecular imaging. As both a medical and biophysicist, I investigate nuclear imaging methodologies to define tumor targets in terms of their metabolic and microenvironmental properties. I have a special interest in the quantitative imaging of tumor hypoxia — a known factor in determining resistance to treatment — and in ways of precisely delivering radiotherapy to a tumor, including targeting radionuclides using antibodies that can home in on cancer cells to provide a diagnostic image as well as deposit a therapeutic dose.

People

A portrait of John L. Humm, PhD, a middle-aged man with grey hair and glasses, wearing a light blue shirt and a dark patterned tie. He is smiling slightly. The background is a neutral, light-colored wall.

John L. Humm, PhD

Chief, Imaging and Spectroscopic Physics

- Medical physicist John Humm focuses on noninvasive imaging of the tumor microenvironment using nuclear imaging methods.

 [212-639-7367](tel:212-639-7367)

Office Phone

Lab Affiliations

Achievements

- Loevinger-Berman Award, Society of Nuclear Medicine and Molecular Imaging (2012)
- Fellow, American Association of Physicists in Medicine (2007)

Open Positions

To learn more about available postdoctoral opportunities, please visit our [Career Center](#)

To learn more about compensation and benefits for postdoctoral researchers at MSK, please visit [Resources for Postdocs](#)

Get in Touch

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Disclosures

Members of the MSK Community often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community. These activities outside of MSK further our mission, provide productive collaborations, and promote the practical application of scientific discoveries.

MSK requires doctors, faculty members, and leaders to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public. Not all disclosed interests and relationships present conflicts of interest. MSK reviews all disclosed interests and relationships to assess whether a conflict of interest exists and whether formal COI management is needed.

John L. Humm discloses the following relationships and financial interests:

No disclosures meeting criteria for time period

The information published here is a complement to other publicly reported data and is for a specific annual disclosure period. There may be differences between information on this and other public sites as a result of different reporting periods and/or the various ways relationships and financial interests are categorized by organizations that publish such data.

This page and data include information for a specific MSK annual disclosure period (January 1, 2024 through disclosure submission in spring 2025). This data reflects interests that may or may not still exist. This data is updated annually.

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