



July 22, 2020

We seek students with a physics, applied math, engineering or computer science background and an interest in medical applications and biology for several projects at the Massachusetts General Hospital, Radiation Oncology (Physics) department.

The successful candidates will have the opportunity to choose from a range of projects:

- Bio-physical modeling to simulate the interaction of immunotherapy with radiation
- Modeling cerebral and thoracic blood flow to calculate dose to the circulating blood
- Machine learning and predictive modeling on patient data
- NEW: deep learning on imaging data (with some new twists)
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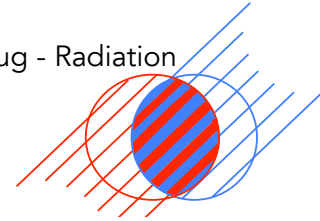
Experience in data analysis and coding (Matlab and/or python, or similar) is expected.

If you're interested, please email your CV, a reference and/or examples of completed projects to

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<https://gray.mgh.harvard.edu/research/combined-radiation-drug-treatment-design-lab>

Physics
Division

Drug - Radiation



Treatment Design Lab

current
project
examples in
our group

