

MD-MA in Biomedical Informatics

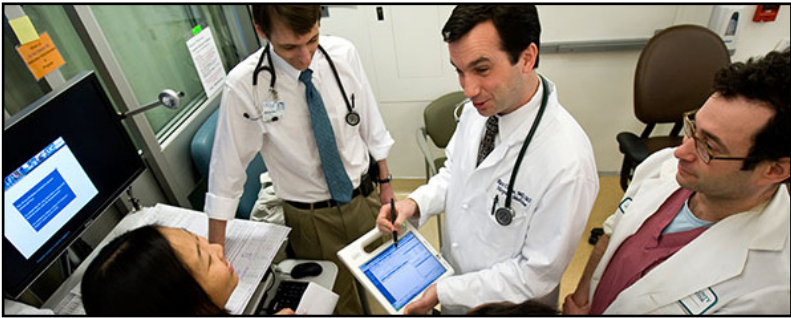
Mission: To provide the opportunity for medical students to develop research and computational skills which will enable them to contribute to and become innovators in improving health care with solutions involving information technology and data science.

Who Is The Program For? Third-year P&S students are eligible to apply for the dual MD-MA degree. The fourth year of medical school (fall and spring terms) will be spent as an MA student in our program.

Curriculum: 30 points of Columbia University graduate (4000 level & above) coursework and 2 residence units. MD students use 6 points of P&S coursework towards the MA degree requirement.

Biomedical Informatics is Reshaping Healthcare

- Using your cell phone to check your patient's electrocardiogram
- EHR prevents us from giving patients drugs that interact with potentially catastrophic consequences
- machines assist us in making tough decisions at the bedside and in the operating room
- after patients provide their medical history, using AI to help make suggestions to the primary provider
- what YOU invent to further the progress!

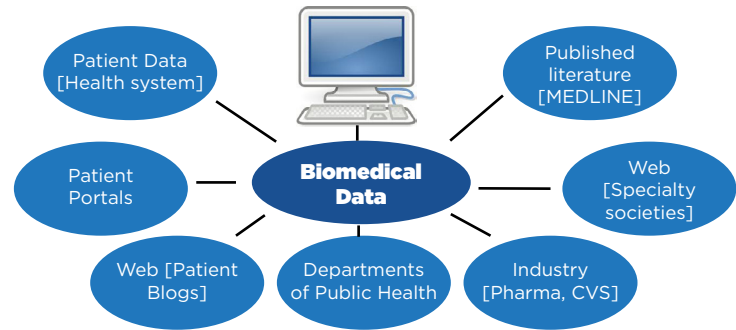


About DBMI

One of the oldest informatics departments in the nation, faculty and students at DBMI have set the path for design of clinical information systems, methodologies in clinical natural language processing, and machine learning over electronic health record data.

Faculty research includes the development and evaluation of innovative information technologies, which has led to enhancements in both health and healthcare.

Biomedical Informatics includes Big Data and Data Science



Areas of Focus:

Clinical Informatics: Improving the health of the individual patient

Public Health Informatics: Improving the health of population and communities

Translational Informatics: Linking basic science and clinical practice

Computational Biology: Identifying individual molecules responsible for health and disease

For More Information

Please email
Herbert Chase, MD:

hc15@cumc.columbia.edu

Also, please visit our webpage:

dbmi.columbia.edu/
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