

# HEALTH SCIENCES INFORMATICS

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The Biomedical Informatics & Data Science Section (BIDS) brings together a wide range of resources and expertise in biomedical information management, data science, population health, and technology. Through the educational, research, and service activities of the section, BIDS seeks to advance the development and use of electronic health record systems and other information resources for decision-making, research, and health care delivery. BIDS also seeks to increase the awareness of these resources among the Johns Hopkins community.

Basic research and development involving the application of informatics to a variety of medical and basic science disciplines is also being carried out by individual faculty members of the section, and the results of these efforts are being applied to research and educational initiatives throughout the Johns Hopkins Medical Institutions.

Current research areas of primary and affiliated faculty include: clinical decision support; global health informatics; health information exchange (HIE); human computer interaction; multi-center real world data; patient quality & safety; population health analytics; precision medicine analytics; standard terminologies; telemedicine; and translational bioinformatics.

## Programs in Informatics

- Applied Health Sciences Informatics-MS (<https://e-catalogue.jhu.edu/medicine/graduate-programs/applied-health-sciences-informatics-ms/>)
- Clinical Informatics, Post Baccalaureate Certificate (<https://e-catalogue.jhu.edu/medicine/graduate-programs/clinical-informatics-certificate/>)
- Health Sciences Informatics–Research, MS (<https://e-catalogue.jhu.edu/medicine/graduate-programs/health-sciences-informatics-research-ms/>)
- Health Sciences Informatics, PhD (<https://e-catalogue.jhu.edu/medicine/graduate-programs/health-sciences-informatics-phd/>)

## Program Requirements

Please see requirements for the specific Health Sciences Informatics degree and certificate programs.