

BIOMEDICAL AND HEALTH INFORMATICS

Programs

The PhD in Biomedical and Health Informatics (<http://catalog.uwm.edu/engineering-applied-science/biomedical-health-informatics/biomedical-health-informatics-phd>) is an interdisciplinary doctoral program offered by UWM through collaboration between several academic units at UWM and the Medical College of Wisconsin. The Program is housed in the

UWM Department of Electrical Engineering and Computer Science. It is guided by a Steering Committee consisting of faculty from the academic units participating in the Program.

Biomedical and health informatics is a field that is concerned with the cognitive, information processing, and communication aspects of medicine and healthcare including the information sciences and technology to support these tasks. The field covers the application of information technology in clinical medicine, medical record keeping, medical instrumentation, and healthcare management.

Faculty

Name	Rank	Degree	School	Graduate Faculty	Emeritus Faculty
Paul Auer	Assistant Professor (Zilber School of Public Health)	PhD	Purdue University	✓	
Nicole Carnegie	Assistant Professor (Zilber School of Public Health)	PhD	University of Washington	✓	
Roshan D'Souza	Associate Professor (College of Engineering and Applied Science)	PhD	University of California Berkeley	✓	
Yi Hu	Assistant Professor (College of Engineering and Applied Science)	PhD	University of Texas at Dallas	✓	
Chiang-Ching Huang	Associate Professor (Zilber School of Public Health)	PhD	University of Michigan-AnnArbor	✓	
Rohit Kate	Assistant Professor (College of Health Sciences)	PhD	University of Texas at Austin	✓	
Chiu-tai Law	Associate Professor (College of Engineering and Applied Science)	PhD	Purdue University	✓	
Jake Luo	Assistant Professor (College of Health Sciences)	PhD	Queen's University, Belfast, U.K.	✓	
Amol Mali	Associate Professor (College of Engineering and Applied Science)	PhD	Arizona State University	✓	
Susan McRoy	Professor (College of Engineering and Applied Science)	PhD	University of Toronto	✓	
Devendra Misra	Professor (College of Engineering and Applied Science)	PhD	Michigan State University	✓	
Ethan Munson	Professor (College of Engineering and Applied Science)	PhD	University of California-Berkeley	✓	
Derek Nazareth	Associate Professor (Lubar School of Business)	PhD	Case Western Reserve University	✓	
Timothy Patrick	Associate Professor (College of Health Sciences)	PhD	University of Missouri-Columbia	✓	
Mohammad Habib Rahman	Assistant Professor (College of Engineering and Applied Science)	PhD	Université de Québec, Canada	✓	
Nathan Salowitz	Assistant Professor (College of Engineering and Applied Science)	PhD	Stanford University	✓	
Mathew Scanlon	Professor (Medical College of Wisconsin faculty)		Loyola Stritch School of Medicine, Chicago	✓	

Mary Shimoyama	Associate Professor (Medical PhD College of Wisconsin faculty)		University of Wisconsin-Milwaukee	✓
Atish Sinha	Professor (Lubar School of Business)	PhD	University of Pittsburgh	✓
Ehsan S. Soofi	Professor (Lubar School of Business)	PhD	University of California-Riverside	✓
Yongjin Sung	Assistant Professor (College of Engineering and Applied Science)	PhD	Massachusetts Institute of Technology	✓
AkkeNeel Talsma	Associate Professor (College of Nursing)	PhD	University of Michigan-Ann Arbor	✓
Weizhong Wang	Associate Professor (College of Engineering and Applied Science)	PhD	University of Maryland	✓
Charles Welzig	Associate Professor (Medical College of Wisconsin faculty)	MD	Humboldt University, Berlin, Germany	✓
Min Wu	Associate Professor (College of Health Sciences)	PhD	University of North Carolina at Chapel Hill	✓
Guangwu Xu	Associate Professor (College of Engineering and Applied Science)	PhD	State University of New York-Buffalo	✓
Alice Fang Yan	Assistant Professor (Zilber School of Public Health)	PhD	University of Maryland	✓
Zeyun Yu	Associate Professor (College of Engineering and Applied Science)	PhD	University of Texas-Austin	✓
Jun Zhang	Professor (College of Engineering and Applied Science)	PhD	Rensselaer Polytechnic Institute	✓
Tian Zhao	Associate Professor (College of Engineering and Applied Science)	PhD	Purdue University	✓
Cheng Zheng	Assistant Professor (Zilber School of Public Health)	PhD	University of Washington	✓
Zhi Zheng	Assistant Professor (College of Engineering and Applied Science)	PhD	Vanderbilt University	✓