Biography

Professor Lawrence Hunter holds a BA in Psychology (1982), and a PhD in Computer Science (1989) both from Yale University. His first post-Ph.D. position was the Director of Machine Learning in the Lister Hill Center at the US National Library of Medicine, where he pioneered applications of machine learning in molecular biology. In 2000 he was appointed Associate Professor (2000) at the University of Colorado School of Medicine, where he has been Full Professor since 2008.

His career has been dedicated to developing computational tools and methods to solve problems across a wide variety of biomedical research areas, including neuroscience, cancer, heart disease, diabetes and many more rare conditions. He has decades of experience applying computational methods in artificial intelligence (including machine learning, knowledge representation, reasoning and natural language processing) to address critical needs in the interpretation of genome-scale data.

He has more than 150 peer reviewed publications and an H-index of 48. He also founded and/or co-organized four major conferences in bioinformatics: ISMB, the Pacific Symposium on Biocomputing, The Rocky Mountain Conference on Bioinformatics and VizBi (Visualization in Biology). He has extensive leadership experience, including as PI on six NIH grants (two of which have been renewed twice each), Founder and Director of the University of Colorado School of Medicine's Computational Bioscience Training Program, Founding President of the International Society for Computational Biology, founder and board member of a biotechnology startup (Molecular Mining, Inc.), and member of the Scientific Advisory Boards of a variety of national and international large scale scientific projects (e.g., ELIXIR, BioMedBridges, RD Connect, EBI Literature Services, Ghent Systems Biology Center)