

**Biosketch
for
Dr. Jonas S. Almeida**

Jonas S. Almeida was first trained as a Plant Biologist (BS) in his native Portugal and went on to pursue a graduate program in Biological Engineering (PhD 1995) which then led to a string of faculty appointments in Chemical Engineering (1996-2000, Assistant Professor, University of Lisbon), Biostatistics (2001-2005, Associate Professor, Medical University of South Carolina), Bioinformatics and Computational Biology (2006 - 2010, Professor, University of Texas MDAnderson Cancer Center). This trajectory, with a trail of 130 peer reviewed manuscripts, reflects an interest in quantitative Biology in all of its components - experimentation, engineering, mathematical modelling, computational statistics and more recently software engineering. In 2011, he moved to the University of Alabama at Birmingham to start a new Division of Informatics in the Department of Pathology in the School of Medicine. Currently, his research is focused on the third generation of web technologies and the way they enable WebApp ecosystems that cater to the analysis of biomolecular data. The Semantic Web, Cloud Computing and Map-Reduce abstractions for distributed processing play a central role in the rewiring of bioinformatics workflows developed by his research group.