

PhD Positions

The Computational Biology research group led by Mukul Bansal has openings for highly motivated PhD students who wish to work on exciting research problems that are both computationally challenging and biologically important. We develop new computational methods, efficient algorithms, and powerful software tools that make use of genetic sequence information to address complex biological questions. We are especially interested in problems related to understanding gene family and genome evolution, and accurately reconstructing organismal phylogenies.

Candidates must have a bachelor's or master's degree in either Computer Science or Bioinformatics. Candidates with a strong interest in algorithms and/or discrete mathematics are especially encouraged to apply. A background in biology is not required.

Please contact Mukul Bansal at mukul.bansal@uconn.edu if you are interested in joining the research group. Further details about the group's research activities are available from <https://compbio.engr.uconn.edu>

UConn is a top 20 public research university and the computer science & engineering department is among the best departments in the US for computational biology and bioinformatics research. The department has many faculty members working in this research area, including Derek Aguiar, Mukul Bansal, Jinbo Bi, Ion Mandoiu, Sheida Nabavi, Sanguthevar Rajasekaran, Yufeng Wu, and others. There is a large cohort of PhD students working in their labs, and previous students have been very successful in securing excellent post-doctoral positions, tenure-track faculty positions, and industrial research positions.