Program Committee Member,

      IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2005, 2006.

      Robotics: Science and Systems (RSS), 2006, 2007, 2009

      IEEE BIBM Workshop on Computational Structural Bioinformatics, 2007-09, 2011,2013-14, 2016

      ACM BCB Workshop on Computational Structural Bioinformatics, 2019

      RSS Workshop on Robotics Methods for Structural and Dynamic Modeling of Molecular Systems, 2014, Berkeley, CA

Reviewer, for journals (Analytical Biochemistry: Methods in the Biological Sciences (Elsevier), Biophysical Chemistry (Elsevier), *Acta Biomaterialia*, *Chemical Physics Letters (Elsevier),*
P

Chung, Kyungjoon (since 2016)

Undergraduate advising:
Hu, Keji (March 2011-Dec 2011)
Cai, Kenson (high school intern, 2013-2014)

Publications in Refereed Journals

<u>Computational Biology:</u>

   1.

12. Guang Song, "Symmetry in normal modes and its strong dependence on symmetry in structure",

28. Lei Yang, Guang Song, and Robert L. Jernigan, "Comparison of Experimental and Computed Protein Anisotropic Temperature Factors," Proteins, 76:164-175, 2009.

29. Lei Yang, Guang Song, Alicia Carriquiry and Robert L. Jernigan, "Close Correspondence between the Essential Protein Motions from Principal Component Analysis of Multiple HIV-1 Protease Structures and Elastic Network Modes," Structure, 16(2):321-30, 2008

30.

54. Guang Song and Nancy M. Amato, "A Motion Planning Approach to Folding: From Paper Craft to Protein Folding," in Proceedings of the 2001 IEEE International Conference on Robotics and Automation (ICRA), pp. 948-953, May 2001, Seoul, Korea. One of six finalists selected from 678 accepted papers for Best Student Paper Award.

55. Guang Song and Nancy M. Amato, "Using Motion Planning to Study Protein Folding

64. Nancy M. Amato, O. Burchan Bayazit, Guang Song, "Providing Haptic 'Hints' to Automatic Motion Planners," in Proceedings of the 4th PHANTOM User's Group Workshop (PUG), October 1999.

65.