Graduate Fellowships Available

**Description:** Two competitive full-time Graduate Research Assistantships (Ph.D.) are available beginning Summer/Fall 2019 in the laboratory of Dr. Brock Harpur (beemolevo.com) in the Department of Entomology at Purdue University.

North American honeybee populations are non-native. They originate from European settlers who brought colonies from at least two highly-diverged source populations. How does admixture of highly diverged populations influence gene expression, gene regulation, phenotypic expression, and ultimately the evolution of traits? The Harpur lab is seeking two PhD students to combine genomics, transcriptomics, computational biology, and biochemistry to tackle this question focusing on industry-relevant traits. Application of molecular techniques and outreach to beekeepers and the community will be an integral part of the students’ training.

**About Purdue University:** The Department of Entomology at Purdue is an integral part of the College of Agriculture, one of the world’s leading colleges of agricultural, food, life, and natural resource sciences, ranked eighth globally in the 2016 QS World University Rankings. The College is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions. The College has 11 academic departments and includes 325 faculty, 2782 undergraduate students, and 690 graduate students.


**Contact:** Interested candidates should contact Dr. Harpur (b.harpur@gmail.com) by November 17th, 2018. To be considered for this position send a C.V., contact information for 3 references and a 1-page cover letter describing research interests and background (use email subject line: “Grad Fellowship: Harpur Lab”). You can also meet Dr. Harpur in person at the 2018 ESA, ESC, and ESBC Joint Annual Meeting (Entomology 2018) in Vancouver.