**FACILITIES, EQUIPMENT AND OTHER RESOURCES**

**Kent State University**

*Note:* since March 2020, the Bahlai Lab has been operating as a primarily remote facility due to COVID-19, with personnel able to sign out materials as needed, frequent teleconference check-ins, and physical distancing between lab members, in accordance with public health guidelines issued by the State of Ohio and Portage County, where Kent State is located, and with University policies. Although this document focuses on physical access to the facilities outlined, our experience over these recent months has helped develop protocol which allows us to use these facilities as needed while distanced, work remotely, and connect with each other safely. As the public health situation develops, we will continue to modify our practices in a way that maximizes safety of personnel while still achieving our scientific goals.

Laboratory:  Bahlai's new laboratory located in Cunningham Hall 2nd floor 249.  It is 1,000 sq. ft.  state-of the art computational ecology facility outfitted with computers, including a high-end workstation for small-medium processing jobs, teleconferencing facilities, and workspace in excess of that needed by project personnel. It includes a small anteroom which contains a 'wet' facility for processing insect samples, with microscopes and all standard insect collection equipment. The lab is well-equipped to preform various activities related to the proposed research.

Computer facilities:  The laboratory is equipped with multiple computers for imaging, data acquisition, processing, analysis, and document preparation. All computers will be inter-networked locally as well as connected to the internet and are supported by Department IT. Cluster computing facilities are accessible through the Ohio Supercomputing Center.

Office:  Bahlai's office is 50 $ft^2$ and located in Cunningham Hall 2nd floor.  Students and research staff have desks located in the research area.  The office has both hard-wired and wireless internet connections.  Bahlai has access to a Shared Server for storage of data and documents maintained by Kent State University Department of Biological Sciences IT staff. The Departmental Stockroom (1,000 sq. Ft.) serves the research projects with supplies, purchasing and accounting support.

Other Resources:  Bahlai has direct access to all departmental common equipment and core facilities, including bioimaging, genomics, histology/microscopy, radioisotope and other facilities. Kent State College of Arts and Sciences has recently created two new initiatives that support interdisciplinary and transdisciplinary research: The Brain Health Institute and The Environmental Science and Design Research Initiative which provide seed grants, networking opportunities and general research infrastructure for faculty wishing to do work that bridges disciplines. Kent State offers several programs to support the recruitment and retention of students coming from historically excluded groups: the SURE (Summer Undergraduate Research Experience) program supports Kent State students from diverse backgrounds in paid research fellowships, and the ASSURE (Access and Support for Successful Undergraduate Research Experience) identifies fellows from several minority-serving institutions and places them with compatible Kent State mentors for a summer, while providing cohort-building and professional development activities. Kent State's newly formed Office of Postdoctoral Studies provides training, professional development, support and networking for Post-Doctoral research associates.