

Pest control

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Photo by Paula Burch-Celentano pburch@tulane.edu

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Leila Pashazanusi, a PhD student in the Department of Chemical and Biomolecular Engineering in the School of Science and Engineering, examines biosensors made in a carbon nanotube (CNT) in the Pesika Lab Group in Flower Hall. Because of their high surface area, CNT biosensors are particularly effective in detecting mosquito-borne diseases at earlier stages, which can potentially reduce hospitalization duration and expenses for those affected by diseases such as malaria and Zika.