

NASCENT

Deji Akinwande

University Texas at Austin, USA

The University of Texas-Austin has an engineering center, NASCENT, focused on the translational development of graphene for roll-to-roll large area technology. The center is one of the few dedicated centers in the U.S supported by the National Science Foundation (NSF) and several large and small technology companies to establish a nanomanufacturing center of excellence for end to end graphene development including graphene growth on flexible foils, in-line roll-to-roll graphene transfer and subsequent integration onto final plastic substrates for large area product prototyping. The facility is currently under development and will be opened publicly to external users for low-cost prototyping and proof-of-concept applications.