

## Graduate Assistantship in Composite Manufacturing and Analysis

Laboratory for Advanced Materials, Manufacturing and Analysis (LAMMA, <https://lamma.uta.edu> ), is looking for driven and enthusiastic PhD candidate for conducting research in advance composite manufacturing.

The research assistant will work on advance Automated Fiber Placement (AFP) technology for composite manufacturing and 3D printing of composites. A bachelor's degree in mechanical engineering, aerospace engineering, or other related areas is required. A graduate student with a master's degree is preferred. Research experience in one of more of the following areas is highly desired: composite manufacturing, robotics, mechanics, and Finite Element Analysis (Abaqus, LSDyna).

### Qualification requirements:

- Strong analytical skills in analytical and computational mechanics.
- Familiar with robotics and automation (PLC, Kuka robot) will be a plus.

To apply for this position, please fill out the PhD pre-application form (<https://common.forms.uta.edu/view.php?id=1332433>) and enter Paul Davidson as “Supervising Professor you plan to work with” on page 1.

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