Advanced Manufacturing:

**RESEARCH AREAS**

- 3D and Novel Printable Manufacturing
  - "3D Printing Multi-Functionality: AM for Aerospace Applications"
- Supplier based Vitality Flow (Dr. Hicks, UTD)
- Laser Sintering
- Advance Instrumentation
- Digital Twinning—Dr. Foster (UTSA)
- Adv. Fraction Mechanics Modeling**
- Rapid Prototyping (Low volume, unique requirements)
- **Personalized Manufacturing**
- Analog **

**FEATURED INFORMATION:**

- [Digital Manufacturing Design Innovation (DMDI) Center](#) Partner (UT Austin)
- [Digital Manufacturing Symposium](#)
- [America Makes, the National AM Innovation Institute Awardees](#)

**FACT:** Texas is second only to California in manufacturing jobs

**RESOURCES:**

- [Laser Sintering](#) (UTA)
- [W.M. Keck Center for 3D Innovation](#) (UTEP)
- [Research Institute for Manufacturing & Engineering Systems (RIMES)](#) (UTEP)
- [Shimadzu Institute for Instrumentation](#) (UT Arlington)
- Center for Adv. Manufacturing and Lean Systems (UTSA)
- [UTARI (UTA)](#)
- Texas Analog Center of Excellence
- Rapid Response Manufacturing Center (UTPA)

**STRATEGIC PARTNERSHIPS:**

- [North American Advanced Manufacturing Research and Education Initiative (NAAMREI)](#) (UTPA).