**Community Services: Do not write the url – hyperlink them**

* Agriculture Outreach (<http://www.uncfsu.edu/research/agriculture-initiatives/agriculture-outreach>)
* Aquatic Research (<http://faculty.uncfsu.edu/ssalek/web%20template/Aquaticresearchlab.htm> )
* Innovation, Validation, Protection, and Technology Transfer (<http://www.uncfsu.edu/research/innovation-and-technology-transfer> )
* Planetarium Outreach ( <http://www.uncfsu.edu/planetarium> )
* Small Business & Technology Development Center (SBDTC) and Procurement Technical Assistance Centers (PTAC) (<http://www.uncfsu.edu/sbe/outreach-centers/small-business-technology-development-center> )
* Veterans Business Outreach Center (VBOC) (<http://www.fsuvboc.com/> )

**Capabilities:**

* Core Facility/Materials Processing and Testing **(Under Construction)**
* Cybersecurity Certified Training (<http://www.uncfsu.edu/cdhs> )
* Entrepreneurship (<http://www.uncfsu.edu/ce> )
* Forensics Science (<http://www.uncfsu.edu/biology/forensic-science-program> )
* Intellectual Property Protection
* Interdisciplinary Materials Research and Education Laboratory (<http://www.uncfsu.edu/imrel> )
* Mentor/Protégé **(Use the trifold content to build the page)**
* Microprobe and Scanning Electron Microscopy (<http://www.uncfsu.edu/sencr-mic> )
* Military Social Work (<http://www.uncfsu.edu/sw/academic-programs/army-fsu-msw-program> )
* Online Courses on Demand (<http://www.uncfsu.edu/continuing-education/online-courses-on-demand>)
* Proposal Development, Costing, and Compliance Training **(Under Construction)**
* Prototyping, Validation and Verification **(Under Construction)**

**Add the following buttons on the left: (do not add the numbers) (Place in alpha order)**

1, Staff (http://www.uncfsu.edu/research/sponsored-research-and-programs/staff)

2. News

3. Mentor/Protégé,

**Drop the following buttons on the left:**

Business Development

Research Infrastructure

**Change:**

“Core Facility” to “Core Facility Initiative “

“Prototyping, Validation and Verification” to

“Prototyping, Validation and Verification Initiative”

**Core Facility Initiative**

**Mission:**

The Core Analytical Facility will provide state-of-the-art materials processing and characterization capabilities and professional service for faculty, staff, and students at Fayetteville State University and external agencies in the southeastern North Carolina region and beyond, to support cutting-edge research, transformative hands-on education, and technical development.

**Purpose:**

In order to utilize the available resources at FSU more efficiently, a Core Facility is proposed. The capabilities at the Core Facility include:

JEOL JXA-8530F Microprobe, JEOL JSM-6510LV SEM, light microscopes, and sample preparation equipment, Atomic Force Microscope, X-Ray Diffractometer, and Mechanical Property Testers, Shimadzu Fourier Transform Infrared Spectrophotometer, Ultraviolet–visible Spectrophotometer, Atomic Absorption Spectrophotometer, High Performance Liquid Chromatography, Gas Chromatography, and Nuclear Magnetic Resonance (NMR), and more.

The Core Facility will be a multi-user core facility at FSU for research, education, and for external users.

**Prototyping, Validation and Verification Initiative:**

A newly established laboratory allows inventors and innovators a chance to demonstrate the feasibility of innovative ideas on a small scale, prove the feasibility and potentially validate the innovation by building a prototype. Building the capabilities for prototyping at the FSU’s Prototyping laboratory is new as of Spring 2015, and is an ongoing activity.

Present prototyping activities include:

1. Agro-tiling
2. Medical Devices
3. Nanocrystal production and applications
4. Thermoelectric Devices and applications