

Resource Summary Report

Generated by PRECISE-TBI on Aug 1, 2026

University of Florida Herbert Wertheim College of Engineering Research Service Centers Core Facility

RRID:SCR_025135

Type: Tool

Proper Citation

University of Florida Herbert Wertheim College of Engineering Research Service Centers Core Facility (RRID:SCR_025135)

Resource Information

URL: <https://rsc.aux.eng.ufl.edu>

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Description: Core provides access to characterization and process instrumentation. Expert staff provides assistance and guidance. Services include electron microscopy and analysis (SEM, TEM, FIB, EBSD, WDS), microelectronic device fabrication (7000 sq ft cleanroom, Class 100-1000), X-ray computed tomography (CT), particle system characterization (size, zeta potential, surface area, porosity, rheology), X-ray diffraction, surface analysis (AFM, profilometry, XPS, Auger), spectroscopy (UV/Vis with integrating sphere, FTIR/NIR with micro capability and micro-Raman).

Synonyms: , University of Florida Herbert Wertheim College of Engineering Research Service Centers, Herbert Wertheim College of Engineering Research Service Centers

Resource Type: core facility, service resource, access service resource

Keywords: ABRF, characterization, process, instrumentation, microelectronic device fabrication, particle system characterization, electron microscopy and analysis, X-ray computed tomography,

Availability: Open

Resource Name: University of Florida Herbert Wertheim College of Engineering Research Service Centers Core Facility

Resource ID: SCR_025135

Alternate IDs: ABRF_2685

Alternate URLs: <https://coremarketplace.org/?FacilityID=2685&citation=1>

Record Creation Time: 20240322T053244+0000

Record Last Update: 20260731T043156+0000

Ratings and Alerts

No rating or validation information has been found for University of Florida Herbert Wertheim College of Engineering Research Service Centers Core Facility.

No alerts have been found for University of Florida Herbert Wertheim College of Engineering Research Service Centers Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Schachner ER, et al. (2025) Unidirectional airflow, air sacs or the horizontal septum: what does it take to make a bird lung? Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 380(1920), 20230418.

Mirmahdi RS, et al. (2025) Navigating Uncertainties in RT-qPCR and Infectivity Assessment of Norovirus. Food and environmental virology, 17(1), 22.

Moore AJ, et al. (2025) When the lung invades: a review of avian postcranial skeletal pneumaticity. Philosophical transactions of the Royal Society of London. Series B, Biological sciences, 380(1920), rstb20230427.