

# Resource Summary Report

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## University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility

RRID:SCR\_025124

Type: Tool

### Proper Citation

University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility  
(RRID:SCR\_025124)

### Resource Information

**URL:** <http://www.nano.pitt.edu>

**Proper Citation:** University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility (RRID:SCR\_025124)

**Description:** Core supports fabrication and characterization of nanoscale materials and structures, and integration of devices at all length scales. Houses advanced equipment with core nano-level capability for fabrication and characterization, including electron-beam lithography system, dual-beam system, plasma etching, thin film deposition, TEM, multifunctional scanning probe station, modular XRD, and more.

**Abbreviations:** NFCF

**Synonyms:** University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility

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

**Keywords:** ABRF, fabrication and characterization of nanoscale materials and structures,

**Resource Name:** University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility

**Resource ID:** SCR\_025124

**Alternate IDs:** ABRF\_2671

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=2671&citation=1>

**Record Creation Time:** 20240320T053304+0000

**Record Last Update:** 20260905T133450+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility.

No alerts have been found for University of Pittsburgh Nanoscale Fabrication and Characterization Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [Kravitz](#) .

Choi J, et al. (2025) Aseptic, semi-sealed cranial chamber implants for chronic multi-channel neurochemical and electrophysiological neural recording in nonhuman primates. bioRxiv : the preprint server for biology.

Choi J, et al. (2025) Aseptic, semi-sealed cranial chamber implants for chronic multi-channel neurochemical and electrophysiological neural recording in nonhuman primates. Journal of neuroscience methods, 420, 110467.

Zarei M, et al. (2025) Flexible Embedded Metal Meshes by Nanosphere Lithography for Very Low Sheet Resistance Transparent Electrodes, Joule Heating, and Electromagnetic Interference Shielding. ACS applied electronic materials, 7(9), 4266.