

Senate Updates: December 2023

Claudia Neuhauser, PhD
Interim VP Research

— OCG—Hiring

- OCG Staffing: 28 filled/8 open
 - Leadership: 4/0
 - Research Administrative Services:
 - **Pre-award: 1/1**
 - Post-award: 10/3
 - **Contracts: 1/2**
 - Research Systems and Reporting: 2/0
 - Research Financial Services: 10/2

- Students: 2



Quarter	1	2	3	4	TOTAL
Prior to 2021					12
2021	0	0	0	1	1
2022	1	0	2	2	5
2023	2	0	7	1	10
Pending					2
Vacant					6

Functions: Tracking processing times since January



Phase 1

Go Live: 01/09/2023

Award

- Award Setup
- Monetary Modification
- No-Cost Extension
- General Award Inquiry

Contract

- General Contract Inquiry

Proposal

- General Proposal Inquiry



Phase 2

Projected Go Live: 12/15/2023

Award

- Subaward Setup
- Subaward Modification
- General Subaward Inquiry



Phase 3

Projected Go Live: 02/15/2024

Award

- Interim Funding
- Pre-IRB Funding
- Additional functions identified from General Inquiries

Proposal

- Interim Funding
- Additional functions identified from General Inquiries



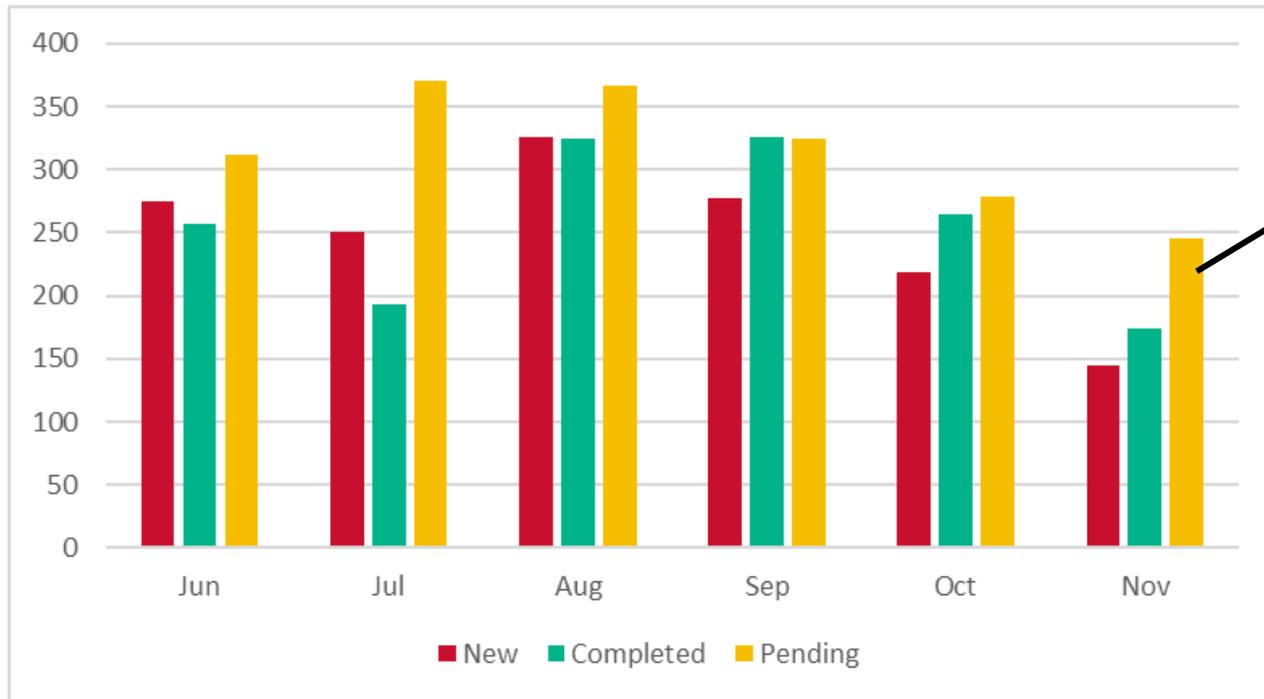
Phase 4

Projected Go Live: 06/01/2024

Contract

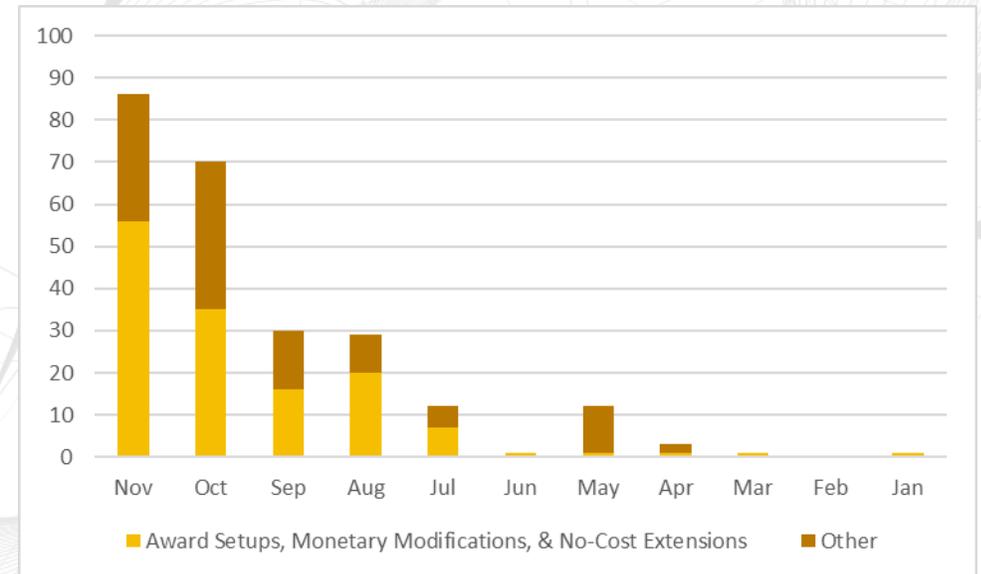
- Consortium
- Data Use Agreement
- Master Agreement
- Material Transfer
- Memorandum of Understanding
- NDA/Confidentiality
- Other-Custom Contracts

The queue started shrinking in August...



November: 245 pending items

by month

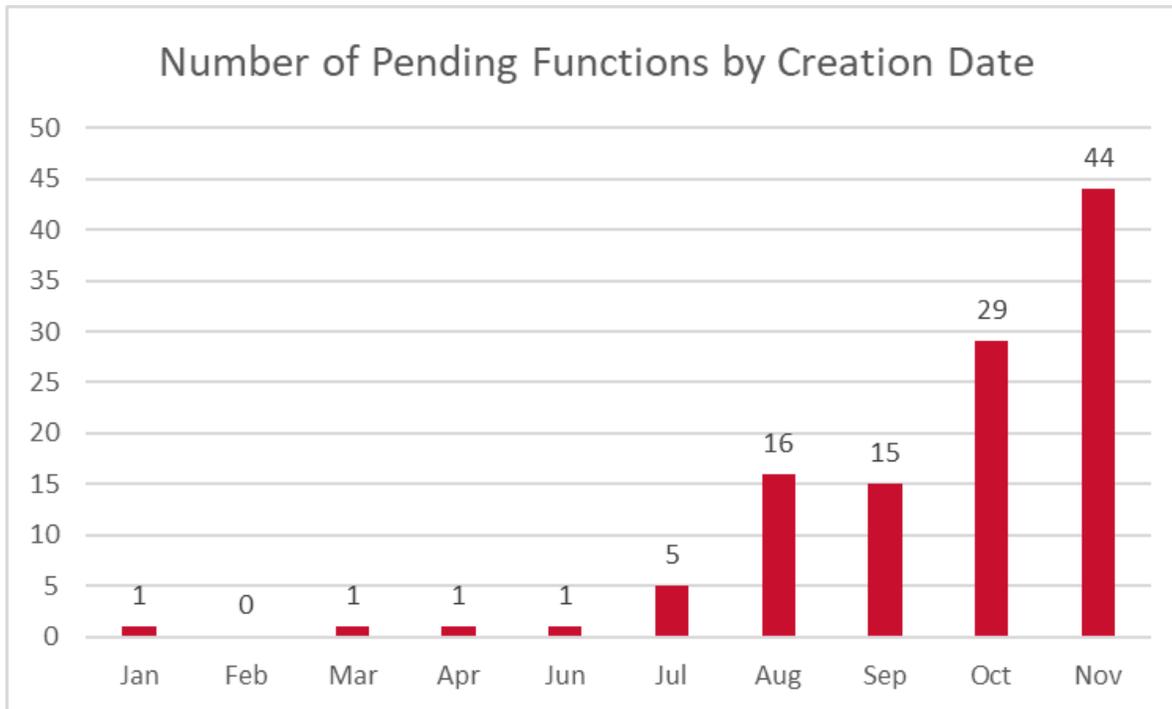


Data from November 27

Queue by Creation Data (Dec 11)



PI WorkCenter



Month	Award Setup	Monetary Modification	No-Cost Extension	TOTAL
Jan	1			1
Feb				0
Mar	1			1
Apr	1			1
Jun	1			1
Jul	2	2	1	5
Aug	9	6	1	16
Sep	6	8	1	15
Oct	16	10	3	29
Nov	21	18	5	44
TOTAL	58	44	11	113

About 80% of Award Setup, Monetary Modification, and No-Cost Extensions are from Sep/Oct/Nov

— Communication and Training

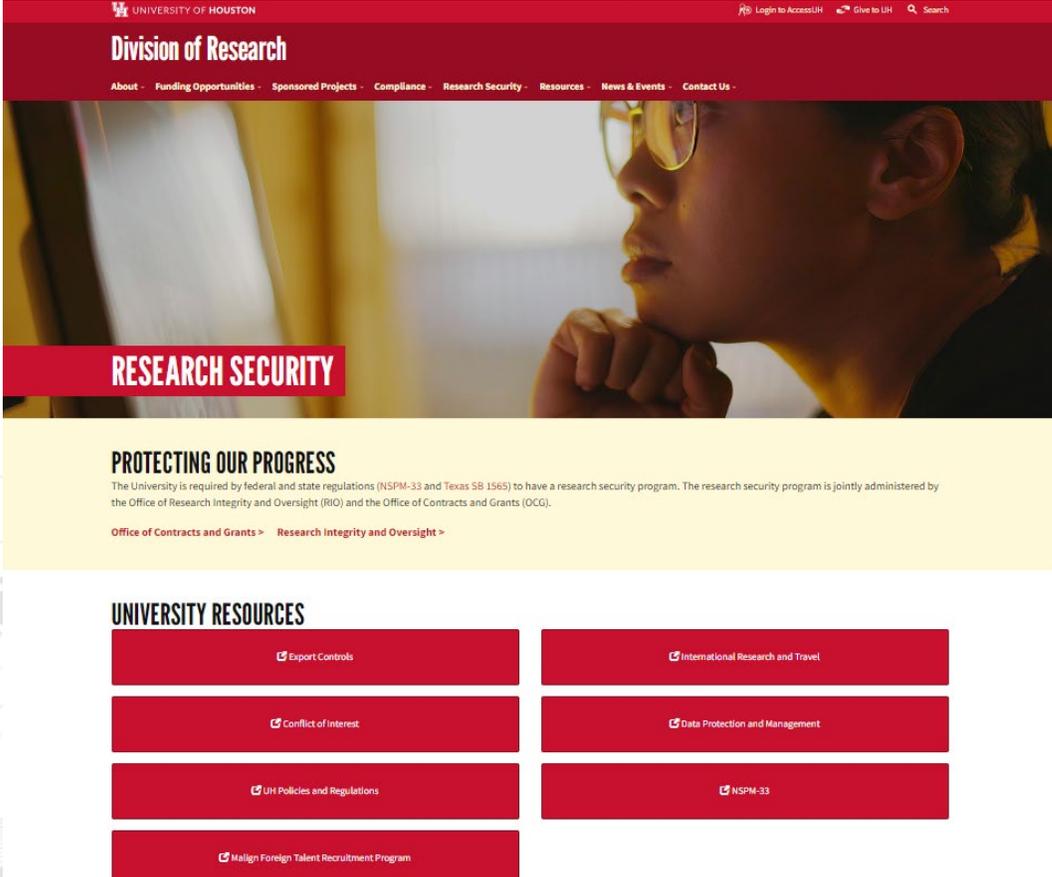
- To the Research Community
 - Research Forum
 - Inside Research
 - New rules and regulations
 - Funding opportunities
- To Research Administrators
 - Research Administration Forum
 - Society for Research Administrators International Training Modules
 - New rules and regulations
 - Roles and responsibilities

NEW

The screenshot shows the UH Research website interface. At the top, there is a navigation bar with the UH Research logo and menu items: "UH Research Forum", "Research Administration Forum", and "Research Explained". The main content area features a video player for a recording titled "20231026-research-forum". The video player includes a play button and a list of presentations: "Award/Contract Negotiation and Setup", "Current and Pending Support", "International Travel", "Accessing Residual Funds", and "Viewing Data of Closed Projects". To the right of the video player, there is a "Latest Recording" section for the "Research Administration Forum" recorded on October 26, 2023, with a "Watch Now" button. The video player also shows a timestamp of 51:29 and the UH Division of Research logo.

— Research Security

- Top Issues
 - Export Controls
 - Cybersecurity and Data Management
 - **Malign Foreign Talent Recruitment Program**
 - ORCID
- Communication
 - Research Forum
 - Research Administration Forum
 - Inside Research
 - Website
 - ...



UNIVERSITY OF HOUSTON

Division of Research

About - Funding Opportunities - Sponsored Projects - Compliance - Research Security - Resources - News & Events - Contact Us

RESEARCH SECURITY

PROTECTING OUR PROGRESS

The University is required by federal and state regulations (NSPM-33 and Texas SB 1565) to have a research security program. The research security program is jointly administered by the Office of Research Integrity and Oversight (RIO) and the Office of Contracts and Grants (OCG).

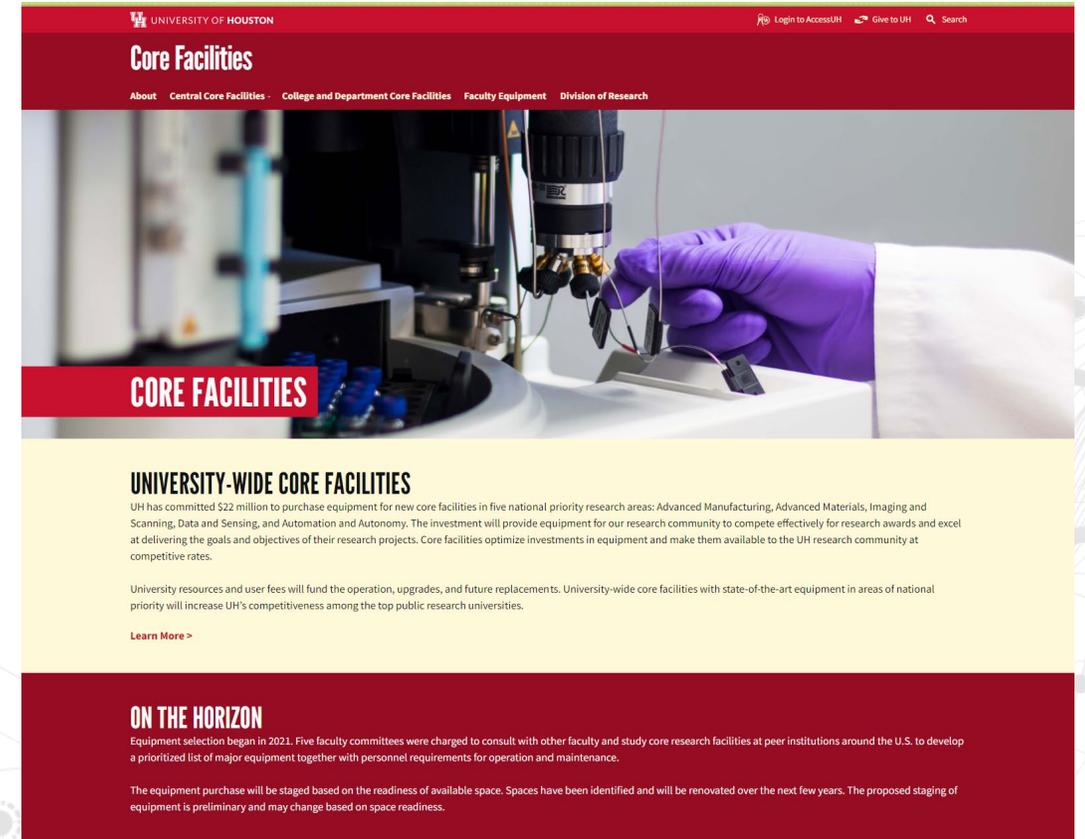
[Office of Contracts and Grants >](#) [Research Integrity and Oversight >](#)

UNIVERSITY RESOURCES

- Export Controls
- International Research and Travel
- Conflict of Interest
- Data Protection and Management
- UH Policies and Regulations
- NSPM-33
- Malign Foreign Talent Recruitment Program

Core Facilities

- New website:
 - <https://www.uh.edu/research/about/core-facilities/>
- Five priority areas
 - Advanced Manufacturing
 - Advanced Materials
 - Imaging and Scanning
 - Data and Sensing
 - Automation and Autonomy
- Faculty committees
 - Reports March 2022
- Chancellor's approval
 - May 2022



UNIVERSITY OF HOUSTON

Core Facilities

About Central Core Facilities College and Department Core Facilities Faculty Equipment Division of Research

CORE FACILITIES

UNIVERSITY-WIDE CORE FACILITIES

UH has committed \$22 million to purchase equipment for new core facilities in five national priority research areas: Advanced Manufacturing, Advanced Materials, Imaging and Scanning, Data and Sensing, and Automation and Autonomy. The investment will provide equipment for our research community to compete effectively for research awards and excel at delivering the goals and objectives of their research projects. Core facilities optimize investments in equipment and make them available to the UH research community at competitive rates.

University resources and user fees will fund the operation, upgrades, and future replacements. University-wide core facilities with state-of-the-art equipment in areas of national priority will increase UH's competitiveness among the top public research universities.

[Learn More >](#)

ON THE HORIZON

Equipment selection began in 2021. Five faculty committees were charged to consult with other faculty and study core research facilities at peer institutions around the U.S. to develop a prioritized list of major equipment together with personnel requirements for operation and maintenance.

The equipment purchase will be staged based on the readiness of available space. Spaces have been identified and will be renovated over the next few years. The proposed staging of equipment is preliminary and may change based on space readiness.

Phase 1

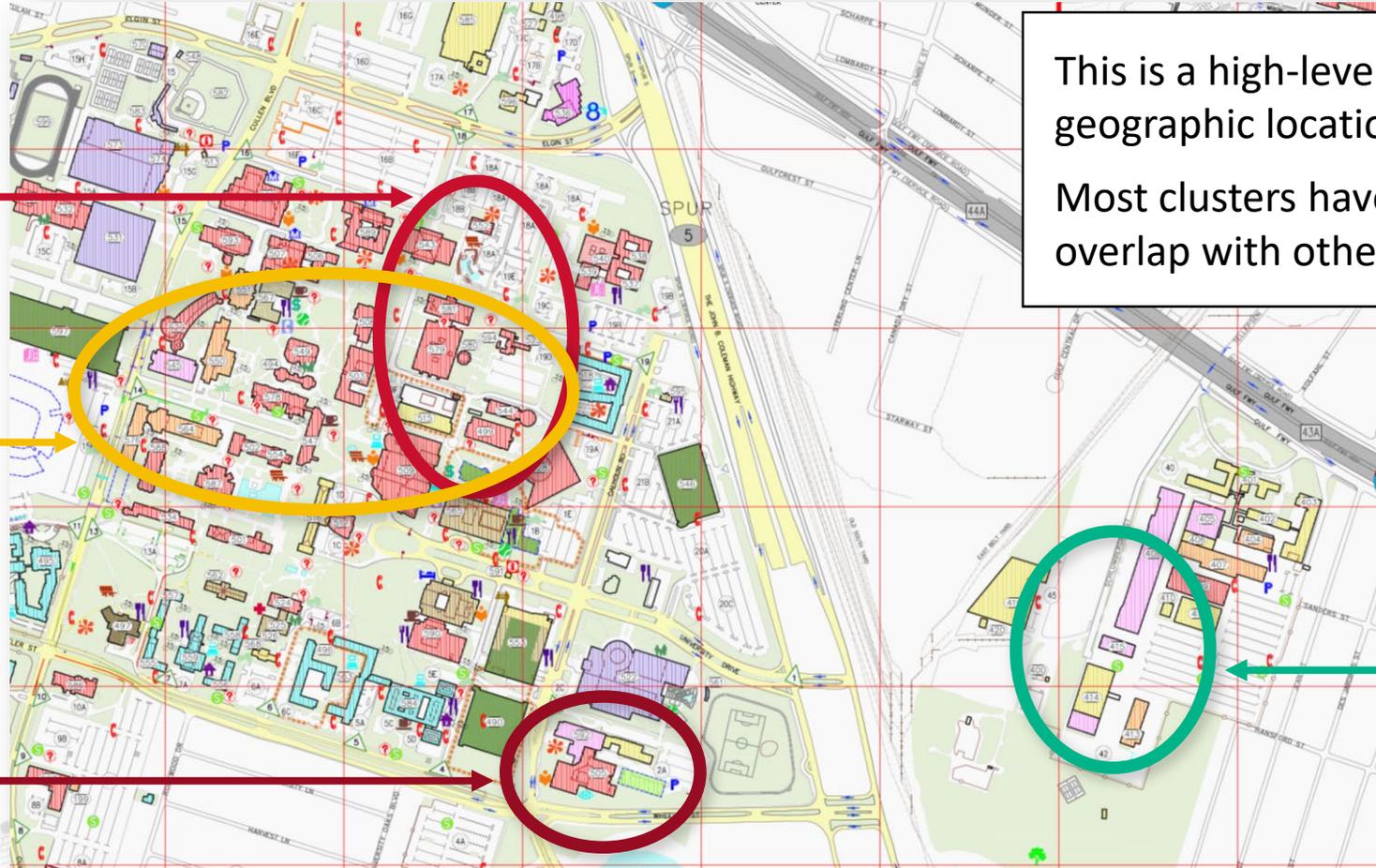
- Electron Microscopy Core Facility (TEM) **Advanced Materials**
- Core Facility for Autonomy **Autonomy and Automation**
 - Virtual and Augmented Reality Core Facility
- Digital Humanities Core Facility **Data and Sensing**
- Advanced Manufacturing Core Facility **Advanced Manufacturing**
 - Pilot-scale Roll-to-roll/Large-area/Flexible Manufacturing Tools
 - Additive Manufacturing Tools (upgrade existing facility)
 - Pilot Superconductor Manufacturing Core Facility (upgrade existing facility)

Primary Clusters of Core Facilities

Data, Sensing,
and Automation

Materials

Imaging



This is a high-level overview of the geographic location of core facility themes
Most clusters have core facilities that overlap with other themes

Advanced
Manufacturing

Core Facilities

Area	Facility	Expected Completion	Faculty Advisory Committee
Analytical Tools	MALDI TOF Core	Completed 2022	YES
Data and Sensing	Digital Humanities	Completed 2023	YES
Imaging	Environmental Sensing	Summer 2024	YES
Imaging	Advanced Imaging Core	Summer 2024/Fall 2024 (2 locations)	YES
Advanced Materials	Electron Microscopy	Fall 2024	YES
Advanced Manufacturing	Advanced Manufacturing (Superconductivity)	Spring/Summer 2025 (18-month lead time)	NO
Advanced Manufacturing	Battery Prototype Facility	Spring/Summer 2025 (equipment selection ongoing)	NO

- **Website:**
 - <https://www.uh.edu/research/about/core-facilities/>
- **Not yet started**
 - Core Facility for Autonomy
 - Robotics
 - Virtual and Augmented Reality
 - UAV Flight Arena
 - 3D Printer
 - Elemental Analysis Core Facility
 - Advanced Surface Analysis
 - CRAFT Lab

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Bruker MALDI TOF/TOF ultrafleXtreme mass spectrometer.

For more information and access to the equipment, contact:
Anton Agarkov, Ph.D.
email: aagarkov@central.uh.edu

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- Collaboration: DOR, Libraries, HPE DSI
- RECLAIM Hosting
 - Micro-credentialing

For more information about the Digital Humanities Core, please contact DHC staff at dhcf@uh.edu.

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SEM Axia: operational
Future equipment

- Plasma Focused Ion Beam (pFIB)
- Transmission Electron Microscope (TEM)

For more information, contact Dr. Francisco C. Robles Hernandez at fcrobles@uh.edu

TO SERVE

We serve the research community by satisfying client requirements, ensuring research compliance, and protecting the University's intellectual and financial interests.

TO LEAD

We lead the university by managing institutional research priorities and supporting a broader view of individual and small-group research.