

# Oak Ridge National Laboratory

4<sup>th</sup> Annual Service-Disabled Veteran-Owned Small Business

Opportunity Day

November 9, 2022

Dr. Cassandra McGee Stuart, Mgr., Strategy & Performance

ORNL Contracts Division

ORNL is managed by UT-Battelle, LLC for the US Department of Energy



U.S. DEPARTMENT OF  
**ENERGY**

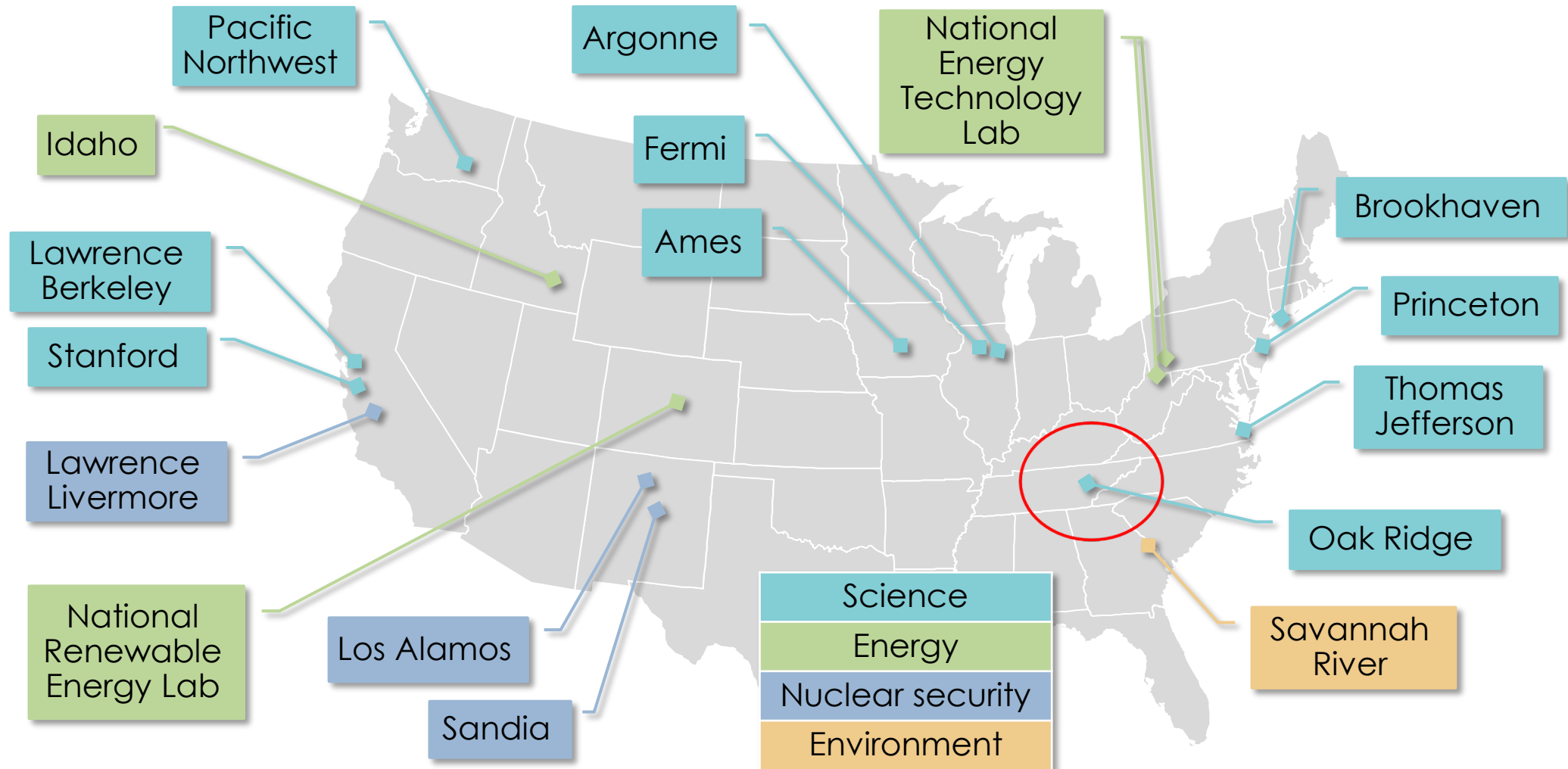


# Oak Ridge National Laboratory evolved from the Manhattan Project

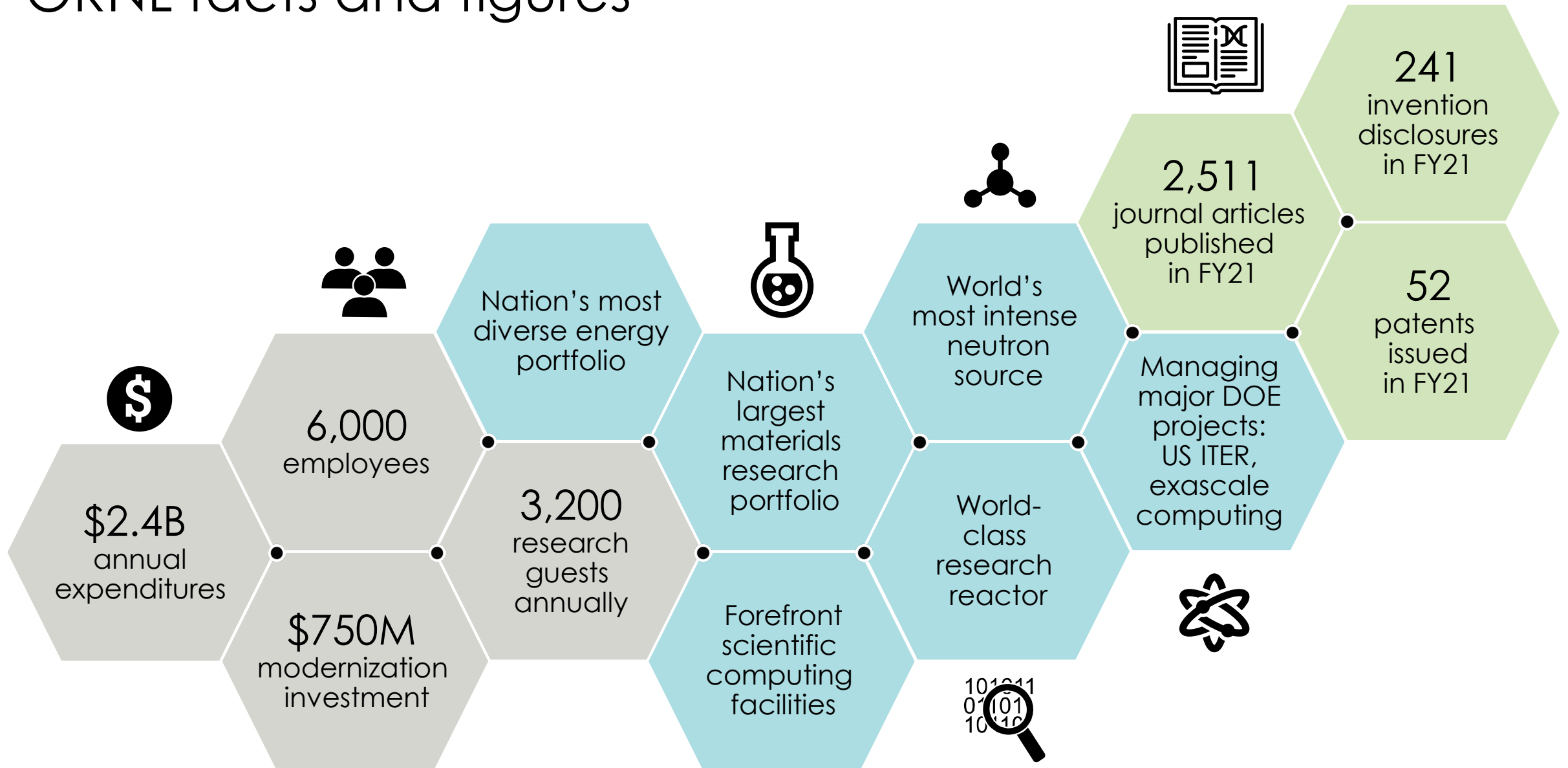
The Clinton Pile was the world's first continuously operated nuclear reactor

Chemical processing techniques were developed to separate plutonium from irradiated fuel

# The national laboratories of the U.S. Department of Energy constitute a network for discovery and innovation

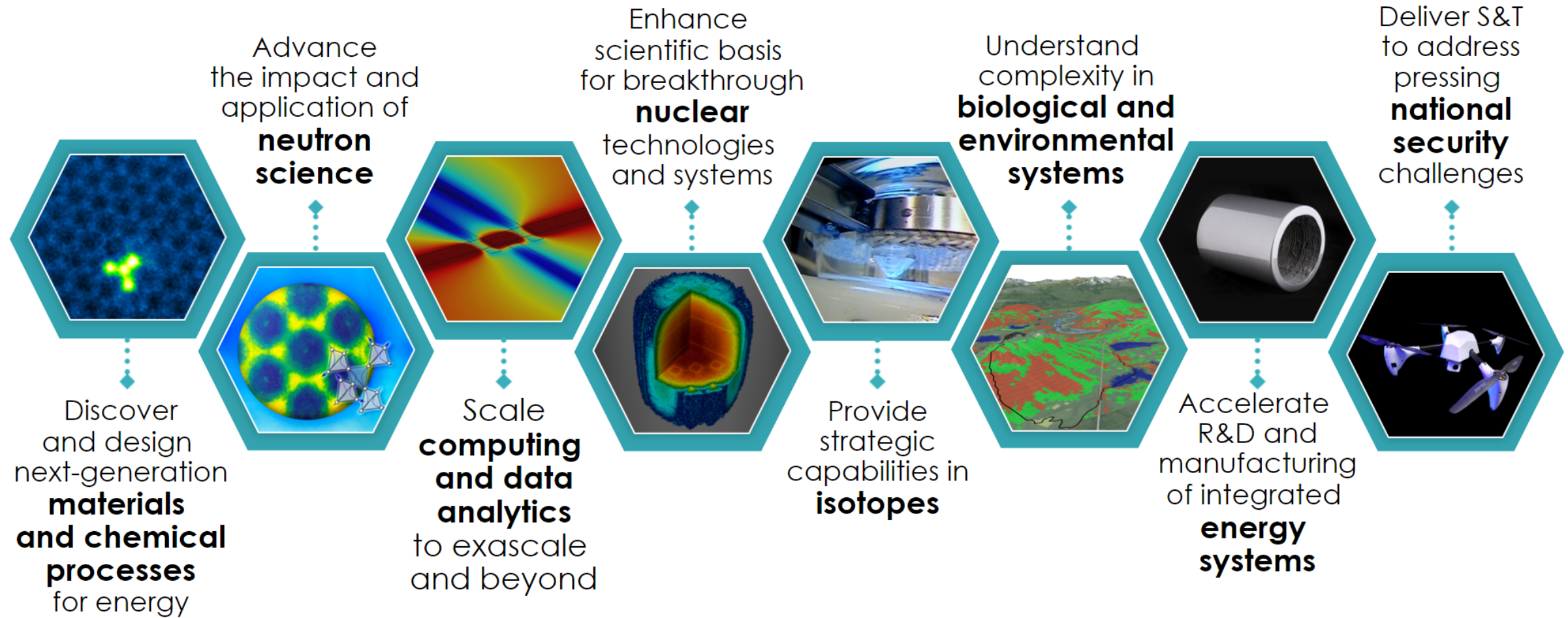


# ORNL facts and figures



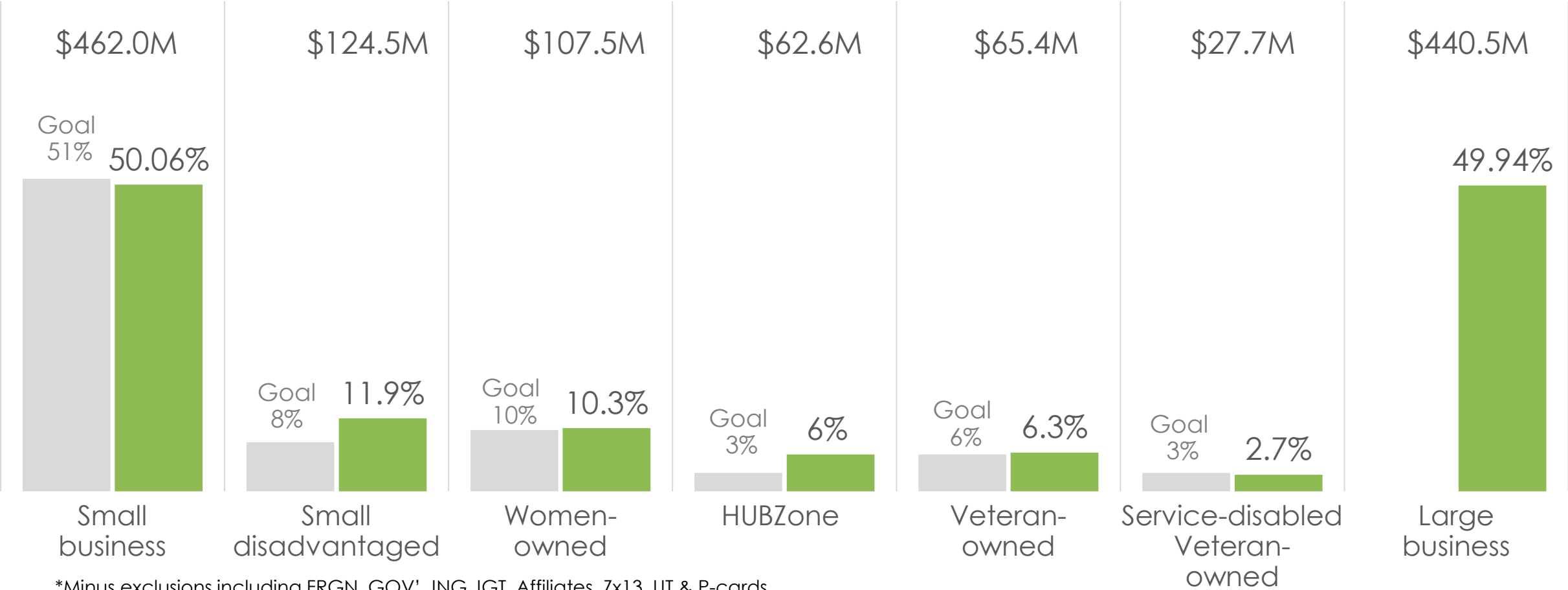


# Delivering advances in science and technology



# We exceeded all but two of our small business goals

Subcontract dollars placed with small business firms in FY22\*



\*Minus exclusions including FRGN, GOV', ING, IGT, Affiliates, Zx13, UT & P-cards.  
\$220M in payments to Frontier computer system have been removed from the values

# Small Business Successes

- Four staffing services Basic Ordering Agreements valued at up to \$100 million
  - Engineering
  - Science and Technology
  - IT
    - (A Service-Disabled Veteran-Owned Set-Aside)
  - Project Management and Business



# Small Business Successes

- Held virtual FY22 Small Business Subcontractor of the Year Awards
- Partnered with DOE OSDDBU to host the “OSDBU and ORNL Virtual Forum”
- Attended multiple virtual and in-person small business outreach events
  - HUBZone Contractors National Council Conference
  - TN PTAC and Mid-South Minority Business Council Conference
  - Women Impacting Public Policy (WIPP) Matchmaker Madness event



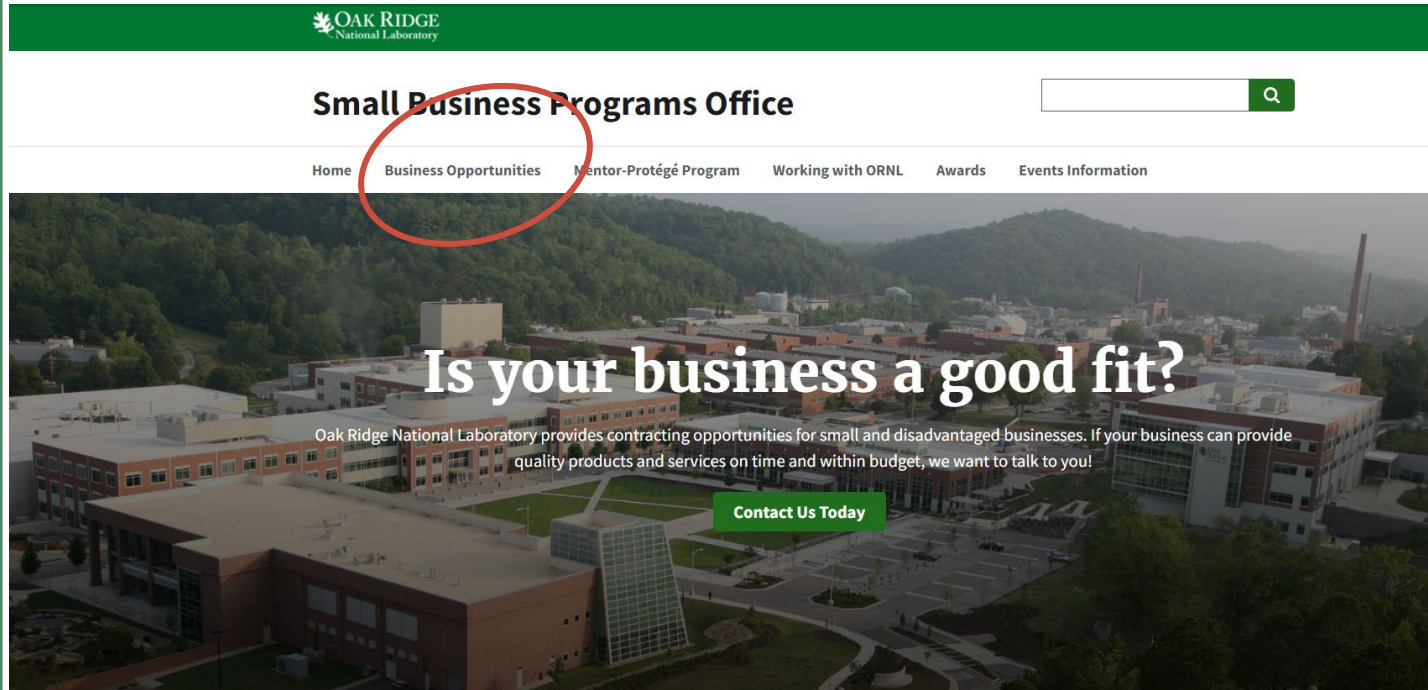


# Small Business Successes

- Outreach to minority-owned businesses, qualifying at least two companies in the area of construction
- Continued Mentor-Protégé Program participation
  - Boston Government Services (Small Disadvantaged Business)
- Conducted procurement staff training
- Awards
  - Champion of Veteran Enterprise Award for FY21
  - DOE OSDBU Awards
    - Procurement Director of the Year
    - Contracting Officer of the year

# ORNL Business Opportunities

- <https://smallbusiness.ornl.gov>



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## Business Opportunities

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### Current Business Opportunity Listings

<a href="#">Category</a>	Description	Small Business Set-Aside	<a href="#">Estimated Value</a>	<a href="#">Expected Issue Date</a>	<a href="#">Expected Award Date</a>
	Stable Isotope Production and Research Center (SIPRC) Architect-Engineering Services <a href="#">Details</a>	No	\$500K	June 2021	September 2021
	Sewage Treatment Plant Modernization <a href="#">Details</a>	No	\$10M	April 2021	July 2021
	Construction of the Craft Resources Support Facility (CRSF) <a href="#">Details</a>	No	> \$10M	July 2021	December 2021

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- ☒ Professional and Staffing Services
- ☒ Research & Development
- ☒ Scientific Instruments

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# ORNL Business Opportunities

- <https://smallbusiness.ornl.gov>

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	Construction of the Craft Resources Support Facility (CRSF) <a href="#">Details</a>	No	> \$10M	July 2021	December 2021
	Structural Steel to Support Waveguides <a href="#">Details</a>	No	<\$250K	May 2021	September 2021
	Material Plasma Exposure Experiment (MPEX) Enhancements <a href="#">Details</a>	No	>\$1M	July 2021	November 2021
	AE Services for Critical Infrastructure Modernization Project (CIMP) <a href="#">Details</a>	No	>\$500K	March 30, 2021	July 2021

## AE Services for Critical Infrastructure Modernization Project (CIMP)

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**Small Business Set-Aside:** No

**Estimated Value:** >\$500K

**NAICS Code:** 541330

**Expected Issue Date:** March 30, 2021

**Expected Award Date:** July 2021

**Contact Name:** Terri Cleveland

**Contact Email:** [clevelandtd@ornl.gov](mailto:clevelandtd@ornl.gov)

[CIMP\\_CD\\_1\\_Support\\_EOI\\_R1.pdf](#)

[CIMP\\_CD\\_1\\_Support\\_Services\\_Scope\\_of\\_Work.pdf](#)

For each Business Opportunity, please contact the Procurement Officer listed to indicate interest in being placed on the bid list.

# ORNL Procurement Staff

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Click on the name to find the person's email address and telephone number.

Brooks Baldwin, <b>Director, Contracts</b>	
	Teresa Hatmaker, Assistant

## Computing & Computational Sciences/Information Services

Justin Keck, <b>Procurement Manager</b>	
	Roy Etheridge, TEAM LEAD
	Mitzi Bailey
	Eva Rather
	Morgan Selecman
	Jo Ann Fitzpatrick
	Georgia Stone

## Energy & Environmental Sciences, Physical Sciences, & TCR

<https://contracts.ornl.gov/staff-assignments/>



# Second Target Station

- There can be a revision to the conceptual design to establish the Architectural and Engineering design documents
- There's a graded approach to the process

# Current Opportunities

- <https://smallbusiness.ornl.gov/business-opportunities>
- Background Checks
- Scientific Instruments
- Fabrication and Machining
- Construction Expressions of Interest:
  - A-E Design for Practical Evaluation Training & Research Center
  - Advanced Microscopy Lab
  - Second Target Station (for Spallation Neutron Source)

# ORNL Business Opportunities

- <https://smallbusiness.ornl.gov/facts/construction-pre-qualification>
- Construction pre-qualification
  - Letter
  - TN Contractor's License
  - Health & Safety Program – OSHA
  - Price Anderson Amendments Act (PAAA)
  - Experience Modification Rating (EMR)

- Soils Analysis – Shield Engineering,
  - Subgrade repair / undercut...
- Upsize Sanitary Sewer 6" PVC to XX"
- Natural Gas Service to SIPRC
- Walking Path revised location,
- Power Pole & Line Location,
  - Existing + SIPRC Feeder Addition
- Lighting
- SIPRC Access Roadway Alignment
- SIPRC Walkway Alignment

Begin  
in FY23



# Paving



**FY20 – 16,649 SQYD**

**FY21 – 21,789 SQYD**

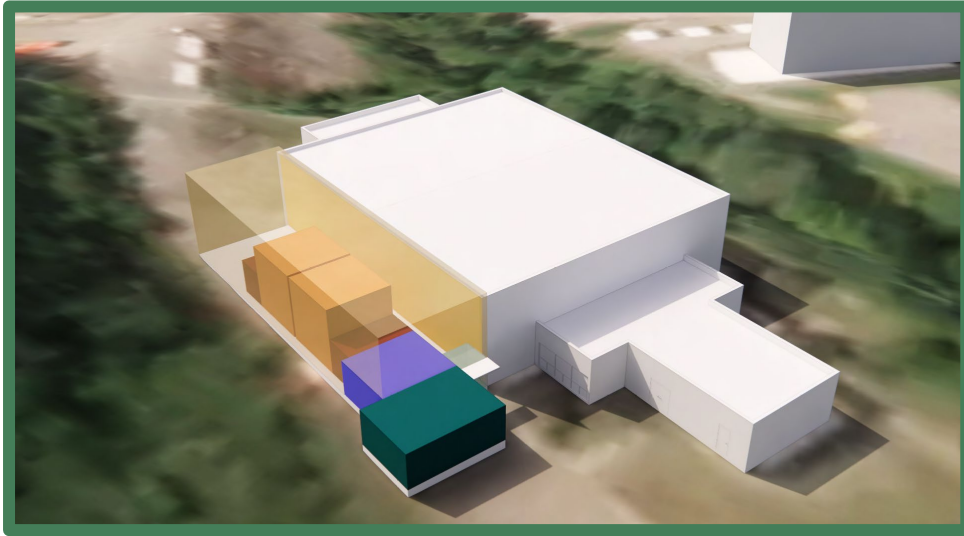
**FY22 – Not Funded**

**FY23 – SQYD TBD**

**FY24 – SQYD TBD**

**FY25 – SQYD TBD**

# AML Addition



## 3625 Addition

Built 2004 / 13,012 SQFT

Design an approximately 2,000 - 3,000 gross square foot, one to two bay expansion adjoining the south side of Building 3625 using the existing AML design with modifications to boost the environmental stability as high as reasonably achievable to accommodate the next generation of aberration corrected electron microscopes.

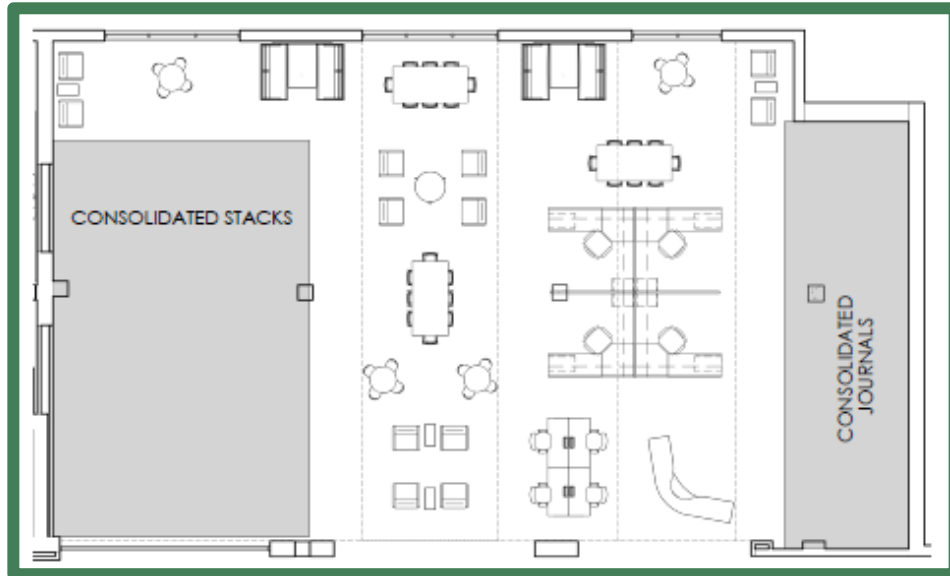
Goals for the environmental stability associated with the instrument rooms include:

- Vibration Criterion
- Acoustic Noise Criterion

Award in  
Fall of  
2023

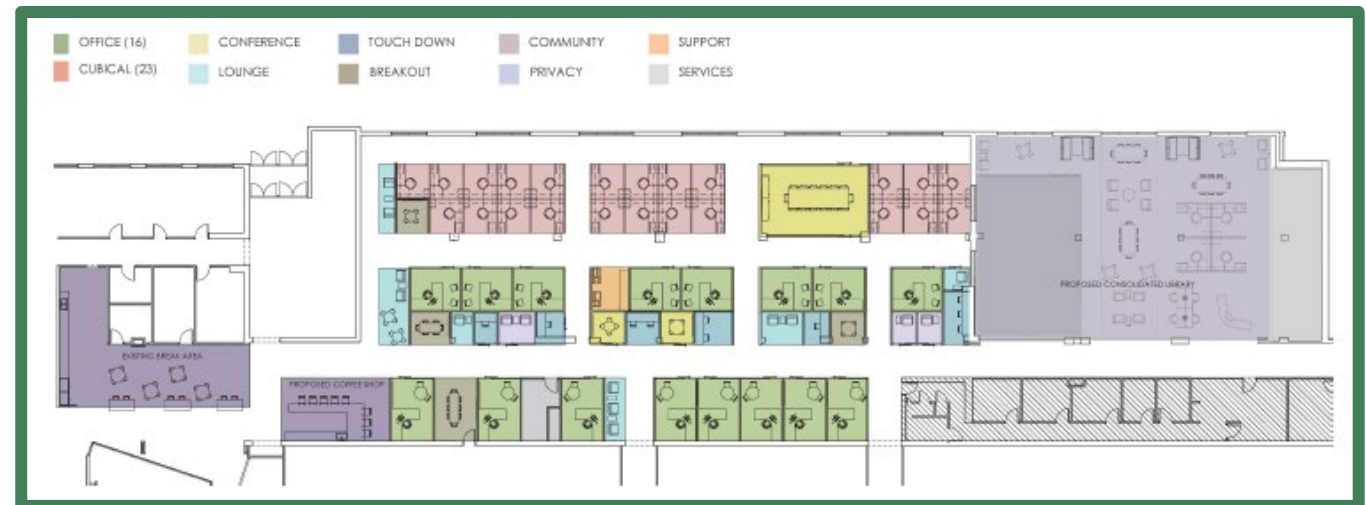


# 4500N Library Renovations



- Create a modernized, functional library space
- Consolidate existing 10,000 sf library footprint to 3,700 sf
- Repurpose west end for offices, conference rooms, and lounge
- Characterize & abate
- Install new microfilm/microfiche storage
- Install new powered space saver journal and stack storage systems

Begin  
in FY24





# ORNL Small Business Programs Office

- Cassandra McGee Stuart
  - Manager, Strategy & Performance
  - Oak Ridge National Laboratory
- Email: [mcgeecm@ornl.gov](mailto:mcgeecm@ornl.gov)
- Web: <https://smallbusiness.ornl.gov/>
- Office: 865-576-3560



# Questions?

