**James Burns**

Staff Technician Atom Probe Laboratories

Materials MicroÅnalysis Group

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[**Website**](https://www.ornl.gov/staff-profile/david-cullen)

**Education:**

University of Tennessee at Knoxville 1989-92 Bachelor of Science in Business Administration, Logistics and Transportation

Pellissippi State Community College 2015-2017 Associate of Applied science Engineering Technology, Electrical Engineering Concentration

Lehigh University 2019 Focused Ion Beam Instrumentation and Applications

**Research Expertise:**

• Focused Ion Beam sample prepaation

• TEM sample preparation

• Atom Probe analysis

**Research and Professional Experience:**

2018– *Present* Staff Technician Oak Ridge National Laboratory

**Honors and Awards:**

2023 CNMS Division award- CNMS Technical Support award for exceptional support of the CNMS Atom Probe Facilities

2023 Physical Sciences Directorate Technician Award- Core values award for impact through outstanding contributions- for multidivisional support for high impact research and microscopy lab operations