

# CENTER FOR CRITICAL, ADDITIVE, ALLOY AND METAL MANUFACTURING

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HOSTED BY **MANUFACTURING  
AND MATERIALS** RESEARCH LABORATORIES

## Introducing the Purdue Center for Critical, Additive, Alloy and Metal Manufacturing

Purdue University has launched an ambitious effort to develop and operate a world-class Manufacturing & Materials Research Lab (MMRL). Although recently established, the lab has already made significant progress across several advanced manufacturing technologies.

Among these capabilities, additive manufacturing (AM) has quickly emerged as a major focus area. The combination of MMRL's growing AM infrastructure and Purdue's extensive faculty and student expertise has led to the creation of a new industry-focused center:

### **PCAM — Purdue Center for Critical Additive Alloy and Metal Manufacturing**

PCAM is designed to support industry partners by developing member-selected, industry-relevant research projects conducted within the Purdue Engineering ecosystem.

#### **What PCAM Offers**

##### *Industry-Driven Research*

Projects are selected in collaboration with member organizations to address real manufacturing challenges.

##### *Faculty Leadership*

Research is guided by leading Purdue Engineering faculty with deep expertise in advanced manufacturing.

##### *Graduate Student Innovation*

Projects are primarily executed by Purdue graduate students, many of whom are preparing for careers in industry.

##### *Advanced Research Infrastructure*

Access to Purdue's extensive portfolio of cutting-edge manufacturing, testing, and materials characterization equipment, enabling comprehensive research capabilities rarely found in a single environment.

### Contact us

[WEBSITE](#)

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