

Resource Summary Report

Generated by NIF on Aug 27, 2026

Colorado State University School of Advanced Materials Discovery Core Facility

RRID:SCR_022002

Type: Tool

Proper Citation

Colorado State University School of Advanced Materials Discovery Core Facility
(RRID:SCR_022002)

Resource Information

URL: <https://www.research.colostate.edu/samdcare/>

Proper Citation: Colorado State University School of Advanced Materials Discovery Core Facility (RRID:SCR_022002)

Description: Core facility that enables research and development programs by providing expertise and access to equipment for synthesis, processing and testing of materials. Support and enables materials research and education by offering range of materials synthesis, processing, and testing equipment, combined with individualized training and staff expertise.

Abbreviations: SAMDCore

Synonyms: School of Advanced Materials Discovery Core

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

Keywords: ABRF, USEDit

Resource Name: Colorado State University School of Advanced Materials Discovery Core Facility

Resource ID: SCR_022002

Alternate IDs: ABRF_1302

Alternate URLs: <https://coremarketplace.org/?FacilityID=1302>

Record Creation Time: 20220421T050138+0000

Record Last Update: 20260821T194220+0000

Ratings and Alerts

No rating or validation information has been found for Colorado State University School of Advanced Materials Discovery Core Facility.

No alerts have been found for Colorado State University School of Advanced Materials Discovery Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Claiborne AD, et al. (2026) Competitive Inhibition as a Tool to Modulate and Predict Dynamic Hydrogel Mechanics. ACS central science, 12(2), 233.

Lee OA, et al. (2026) A Modular Route toward Macromer-Based Dynamic Gels via Prebonded Boronic Ester Cross-Links. ACS macro letters, 15(1), 215.

Zhao Y, et al. (2025) Tailoring the Properties of Chemically Recyclable Polyethylene-Like Multiblock Polymers by Modulating the Branch Structure. Angewandte Chemie (International ed. in English), 64(7), e202415707.

Zhao Y, et al. (2025) Chemically Recyclable and Tunable Polyolefin-Like Multiblock Copolymer Adhesives. Angewandte Chemie (International ed. in English), 64(43), e202513286.

Durán Hernández O, et al. (2025) Fabrication and Characterization of Highly Porous Gyroid Scaffolds Composed of Deproteinized Bone Mineral. Journal of functional biomaterials, 16(4).

Liu K, et al. (2025) Repurposing Post-Consumer Polyethylene to Access Cross-Linked Polyethylene with Reprocessability, Recyclability, and Tunable Properties. Angewandte Chemie (International ed. in English), 64(19), e202502641.

Liu X, et al. (2025) Catalytic closed-loop recycling of polyethylene-like materials produced by acceptorless dehydrogenative polymerization of bio-derived diols. Nature chemistry, 17(4), 500.