

Focus Area 1
Diversifying Supply

Lead: Bruce Moyer, ORNL

Deputy: Kevin Lyon, INL

Expanding Sources

C. Anderson, Mines

Lithium Extraction and Conversion from Brines; *S. Harrison, AAE (1.1.11)*

Critical Material Recovery from Ores and Lean Sources; *S. Bryantsev, ORNL (1.1.12)*

Recovery of Critical Materials as By-Products; *C. Anderson, Mines (1.1.13)*

Transformative Processes

Kevin Lyon, INL

New In-Silico Molecular Design Methods for Improved Separations; *T. Windus, Ames (1.2.11)*

Low-Temperature Electrochemical Synthesis of Graphite; *S. Dai, ORNL (1.2.12)*

Molten Fluorides for Rare Earth Electroreduction; *P. Taylor, Mines (1.2.13)*

Enhanced Separation of Critical Materials; *K. Lyon, INL (1.2.14)*

New Uses for Co-Products

O. Rios, ORNL

Structure and Properties of Cerium-Strengthened Aluminum Alloys; *O. Rios, ORNL (1.3.11)*

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