

Institutions:

LANL, MIT, UIUC, CMU, UNL

Amit Misra, Director
Irene J. Beyerlein, Co-Director

Linda Chavez (admin)

Scientific Advisory Committee

Michael I. Baskes (Chair); William D. Nix;

John P. Hirth; G. Robert Odette;

Adrian Sutton; Francois Willaime.

Irradiation extremes thrust

Mechanical extremes thrust

Metals

Oxides

Staff scientists / faculty

Michael J. Demkowicz (MIT), lead
 J. Alfredo Caro, PI
 Amit Misra, PI
 \$Stuart Maloy, Co-I
 \$Mike Nastasi (UNL), Co-I

Blas P. Uberuaga, lead
 Steve M. Valone, Co-I
 \$Arthur F. Voter, Co-I
 \$Quanxi Jia, Co-I

Post-docs

Nan Li, 50%, (Misra)
 Osman Anderoglu, 50%,
 (Maloy/Misra)
 Enrique Martinez-Seaz, (Caro)
 Engang Fu, (Nastasi/ Y. Wang)

**Samrat Choudhary, fellow
 (Uberuaga/Staneek)
 Kedarnath Kolluri, 50% (Uberuaga/Valone)
 Louis Vernon, 50%, (Voter/Uberuaga)
 Zhenxing Bi, (Jia)
 Jeff Aguiar, (Uberuaga/Misra)

Graduate Students

Liang Zhang, MIT (Demkowicz) *Yun Xu, NMSU (Luo/Uberuaga)
 Abishek Kashinath, MIT (Demkowicz) *Helen Telila, UNM (Atlas/Valone)

Severe Plastic Deformation

High Strain Rates

Staff scientists / faculty

Irene J. Beyerlein, lead (theory)
 Nathan Mara, lead (experiments)
 Pascal Bellon (UIUC), PI
 Robert S. Averback (UIUC), Co-I
 \$Tony Rollett (CMU), Co-I
 **Jian Wang, Co-I

Timothy C. Germann, lead
 Ellen Cerreta, PI
 Rusty Gray, Co-I
 Richard G. Hoagland, consultant
 (Lab associate)

Post-docs

** Keonwook Kang (Beyerlein)
 ** John Carpenter (Mara)
 ** Shijian Zheng (Mara)
 Weizhong Han (Mara/Misra/Cerreta)

Christian Brandl, 50%, (Germann)
 **Ruifeng Zhang, fellow (Germann/
 Beyerlein)
 Alex Perez-Bergquist, 50%, (Cerreta)

Graduate Students

Elvan Ekiz, UIUC (Bellon) *Katrina Uychaco, UCSD (Meyers/Germann)
 Tim Lach, UIUC (Averback) **Benjamin Eftink, UIUC (Robertson/Mara)
 Jon LeDonne, CMU (Rollett/Mara)
 *Thomas Nizolek, UCSB (Pollock/Mara)

LANL Technical Staff:

Rob and Pat Dickerson (EML);
 Yong Wang (IBML); J. Kevin Baldwin (PVD);

Faculty collaborators thru' LANL Institutes:

Tresa Pollock, UC-SB
 Susan Atlas, UNM
 Hongmei Luo, NMSU
 Marc Meyers, UCSD

*GRA supported through LANL Institutes
 \$ (post-doc or student support only)
 ** LANL/LDRD Leveraged

Former post-docs:

A. Vattre; X-M. Bai; A. Karakuscu; Mujin Zhuo.

18 LANL staff ≈ 4 FTE
 5 faculty
 16 post-docs (≈ 13.5 FTE)
 10 students, including 5 supported
 by LANL institutional resources