

3

*Introduction from the Director**Research Highlights from:*

5

*LIFE SCIENCES**Biochemistry and Biology**Research Highlights from:*

12

*CHEMISTRY**Chemistry, Magnetic Resonance Techniques, and
Geochemistry**Research Highlights from:*

21

*MAGNET SCIENCE & TECHNOLOGY**Engineering Materials, Instrumentation, and
Magnetic Technology**Research Highlights from:*

27

*CONDENSED MATTER**Kondo / Heavy Fermions, Magnetism & Magnetic
Materials, Metal-Insulator Transitions, Molecular
Conductors, Other Condensed Matter, Quantum
Fluids and Solids, Semiconductors,
Superconductivity (Basic and Applied)*

Published by:

**National High Magnetic
Field Laboratory**1800 East Paul Dirac Drive
Tallahassee, Florida 32310-3706

Tel: 850 644-0311

Fax: 850 644-8350

www.magnet.fsu.edu

Director: GREG BOEBINGER

Director, Public Affairs: SUSAN RAY

Editing and Writing: AMY WINTERS, SUSAN RAY

Art Direction and Production: WALTER THORNER

This document is available in alternate
formats upon request. Contact Amy
Winters for assistance. If you would like
to be added to our mailing list, please
write us at the address shown at left, call
850 644-1933, or e-mail winters@magnet.fsu.edu.