

## Kirill Kovnir

Associate Professor, Department of Chemistry, Iowa State University

Faculty Scientist, US DOE Ames Laboratory

[kovnir@iastate.edu](mailto:kovnir@iastate.edu)

<https://group.chem.iastate.edu/Kovnir/index.html>

### Education and Training

Moscow State University	Chemistry (Honors)	B.S./M.S.	2001
Moscow State University	Materials Chemistry	Ph.D.	2004
Max-Planck-Institute for Chemical Physics of Solids	Intermetallic compounds	Postdoctoral	2005-2007
Fritz-Haber-Institute of Max-Planck Society	Heterogeneous Catalysis	Postdoctoral	2007-2008
Florida State University	Magnetochemistry	Postdoctoral	2008-2011

### Research and Professional Experience

Assistant Professor of Chemistry, UC Davis	2011-2016
Associate Professor of Chemistry, UC Davis	2017
Associate Professor of Chemistry, Iowa State University	2017-present
Faculty Scientist, US DOE Ames Laboratory	2017-present

### Honors and Awards

<i>Inorganic Chemistry</i> Reviewer who has made especially notable contributions	2020
ACS Emerging Investigator in Solid-State Inorganic Chemistry	2019
<i>Chemistry of Materials</i> Reviewer Excellence Award	2018
Fellow of the Royal Society of Chemistry	2017
John D. Corbett Professor of Chemistry	2017-2020
UC Davis Faculty Development Award	2016
<i>Inorganic Chemistry Frontiers</i> Emergent Investigator	2016
<i>Materials Research Express</i> Emergent Investigator	2016
<i>Chemical Communication</i> Emergent Investigator	2015
<i>ACS Solid-State Materials Chemistry</i> Emergent Investigator	2014
<i>Chemistry – A European Journal</i> Young Chemists	2014
ACS YCC Leadership Development Award	2013
NSF REU Chemistry Leadership Group Award	2013
ACS Chemistry Ambassador	2013

## Scholarly and Professional Activities

Guest Editor of the special Issue of <i>Zeitschrift für anorganische und allgemeine Chemie</i>	2021-2022
Member of the Editorial Board for <i>Zeitschrift für anorganische und allgemeine Chemie</i>	2020-current
Guest Editor of the 50 <sup>th</sup> Anniversary Issue of <i>Journal of Solid State Chemistry</i>	2018-2019
Member of the Advisory Board for <i>Springer Nature Applied Sciences</i>	2018-current
Organizer of Inorganic Materials Symposium at MRS Fall Meeting	2018
Member of the Advisory Board for <i>Journal of Solid State Chemistry</i>	2017-current
Guest Editor for <i>Chemistry of Materials</i> virtual issue on Thermoelectrics	2016
Organizer of an Energy Storage session on Spring ACS National Meeting	2016
Organizer of a Crystallography in Solid State Chemistry session on ACA Meeting	2016
Founding Member of the International Advisory Panel for <i>Materials Research Express</i>	2014-2016
Faculty host for UC Davis Young Scholar Program	2014-2016
Faculty host for UCD-Mexico REU program	2014
Organizer of First Northern California College/University Chemistry Club Conference	2013
GAANN mentor for female and visual impairment graduate students	2013-2016
Instructor at California Summer School for Mathematics and Science (COSMOS)	2012-2016
Faculty host for ACS SEED Economically Disadvantaged High School Students	2012-2014

## Current & Past Support (over 5.5M total)

NSF DMR EAGER; NSF CBET EAGER; DOE BES; NSF DMR SSMC; NSF CHEM CCAT; NSF MRI; LDRD Ames National Laboratory

## Membership in Professional Organizations

American Chemical Society; American Crystallographic Association; Materials Research Society; American Association for the Advancement of Science; Neutron Scattering Society of America.

## Ad hoc Reviewer Service

US Funding Agencies: NSF Chemistry; NSF DMR; DOE BES; ACS PRF; Keck Foundation; Research Corporation; Arnold O. Beckman Foundation.

International Funding Agencies: Belgium, Norway, Canada, Austria, UK, Japan, Switzerland.

Foreign graduate student thesis examiner: Canada, India.

National User Facilities beamline proposals: APS ANL, SNS ORNL, NIST NCNR, SSRL.

Journals: *Science*, *Nature*, *Journal of the American Chemical Society*, *Angewandte Chemie*, *Chemistry of Materials*, *Chemistry Communications*, *Inorganic Chemistry*, *Journal of Solid State Chemistry*, *Journal of Materials Chemistry A*, *ACS Nano*, *Dalton Transactions*, *Scientific Reports*, *Science Advances*, etc.