Andriy Zakutayev
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Employment

05/2012 - present	Scientist, National Renewable Energy Laboratory
05/2010 - 05/2012	Postdoctoral Researcher, National Renewable Energy Laboratory
12/2007 - 04/2010	Research Assistant, Department of Physics, Oregon State University
09/2006 - 12/2007	Teaching Assistant, Department of Physics, Oregon State University

Education

09/2006 – 04/2010	Ph.D. in Physics; GPA 3.87/4.00 Oregon State University (USA)
09/2002 - 06/2006	B.S. in Electronics; GPA 93/100, Lviv Polytechnic National University (Ukraine)

Funding

09/2014 - 09/2018	"Center for Next Generation of Materials by Design", BES DOE, $16M
01/2014 - 01/2015	"Control of Optoelectronic Properties of Zinc Tin Nitride", NPO NREL, $120K
10/2013 - 10/2014	"Basic Energy Science of Heterointerfaces", LDRD NREL, $100K, PI
10/2013 - 10/2015	"Next-Generation Thermoelectric Materials", LDRD NREL, $750K
10/2012 - 10/2015	"Rapid Development of Earth-abundant Thin Film Solar Cells", $1.5M, PI
02/2013 - 02/2014	"Solar Thermoelectric Generators", ARPA-E, $890K
10/2011 - 10/2013	"Ternary Copper Nitride Absorbers", EERE DOE, $750K co-PI
10/2011 - 10/2013	"(Zn,Mg)Cu Oxysulfide alloys", EERE DOE, $750K

Awards

06/2012	Outstanding Mentor Award (National Renewable Energy Laboratory)
06/2010	Young Scientist Award (European Materials research Society EMRS)
03/2010	Opportunities in Energy Research Workshop travel grant (APS)
10/2009	Canada-America-Mexico conference scholarship (NSF)
06/2009	Graduate Research Award (Department of Physics)
05/2009	Oregon Lottery Scholarship Award (Oregon State University)
03/2009	Research fellowship (SFB 595, TU Darmstadt, Germany)
02/2008	College of Science Travel Award (OSU, USA)

Impact

Dissemination:	>30 papers and >30 conferences in the last 5 years and counting
Leadership	Supervised/mentored 6 graduate students and 3 interns in past 3 years

Service

Proposal Reviews:	U.S. Department of Energy, German Research Foundation
Journal Reviews:	Appl. Phys. Lett., J. Mater. Chem., Thin Solid Films, Opt. Mat., J. of Mat., Res., J. Phys. Chem. Lett., Optics Express, Progress in PV, Nanoletters, J. of PV.
Conferences:	Earth-Abundant Inorganic Solar-Energy Conversion, MRS Spring 2014, organiz. The 8th International Combinatorial Workshop (10/2014), intern. advis. board
Involvement	"Frontiers of Energy Research" Editorial board (01/2012 – 12/2012)
Affiliations:	Materials Research Society, American Physical Soc., American Chemical Soc.
Research goal	Developing of thin film semiconductors for renewable energy applications
Languages	English (fluent), Russian (fluent), Polish (fluent), Ukrainian (native)