

Rebecca Lordan-Perret

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EDUCATION

University of Chicago Harris School of Public Policy, Chicago, IL, USA

Ph.D. in Public Policy

June 2017

Dissertation: *Essays in Energy Policy: The Interplay between Risks and Incentives*

Master of Public Policy

June 2012

Wheaton College, Norton, MA, USA

B.A. Chemistry, *Magna Cum Laude*

May 2008

EXPERIENCE

University of Basel

Post-Doctoral Researcher, Energy Economics Group

May 2017 - present

Basel, Switzerland

Paul Scherrer Institute

Guest Scientist, Technology Assessment Group

Aug. 2015 - April 2017

Villigen, Switzerland

Energy Policy Institute at Chicago

Research Assistant & Teaching Assistant

March - June 2014

Chicago, IL, USA

Paul Scherrer Institute

Guest Scientist, Technology Assessment Group

Summers 2012 - 2013

Villigen, Switzerland

United Nations, The Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO)

Intern in External Relations and International Cooperation Division

June - Aug. 2012

Vienna, Austria

Energy Policy Institute at Chicago

Research Assistant

Jan. - June 2012

Chicago, IL, USA

American Association for the Advancement of Science

Nuclear Security Intern

June - Sept. 2011

Washington, DC, USA

Bulletin of the Atomic Scientists

Research Assistant

Feb. - June 2011

Chicago, IL, USA

CURRENT PROJECTS

Lordan-Perret, R., R. Rosner, R. Sloan. (2019) "Nuclear Decommissioning in the United States: Financial Assurance, Corporate Structure, and Bankruptcy"

Weigt, H., von Hirschhausen, C., Wealer, B., **Lordan-Perret, R.** "Decommissioning of Nuclear Power Plants: How to ensure an efficient plant decommissioning under different regulatory schemes."

Interreg/NRP Proposal "Territoires post-nucléaires : le laboratoire rhénan (PostAtomicLab)": WP3 Economic Impact

SCCER-CREST, Joint Activity in Scenarios and Modeling: The 2050 Swiss Energy System and Supply.

WORK IN PROGRESS

Kachi, A. and **R. Lordan-Perret**. “Misinformation and the Discrepancy between Subjective and Objective Knowledge on Energy Technologies in Switzerland: What Makes Us Seek Information to Improve Our Understanding?” SCCER CREST Working Paper WP4-2018/02

Lordan-Perret, R., A. Wright, P. Burgherr, M. Spada (2017) Electoral Institutions and Attacks on Critical Infrastructure

Lordan-Perret, R., P. Burgherr, M. Spada (2017) Qualitative Risk Assessment of Coal Combustion Residue Impoundment Closure

Lordan-Perret, R., P. Burgherr, R. Rosner (2017) Risk and Liability Estimation for Closure of Coal Combustion Residue Facilities in the U.S.

Lordan-Perret, R., M. Spada, P. Burgherr, R. Rosner, S. Hirschberg (2017) Translating Risk Analysis of Energy Systems into Policy: A review of risk assessment methods, results and their policy applications.

PUBLICATIONS

Blumer, Y., Braunreiter, L., Kachi, A., **Lordan-Perret, R.**, Oeri, F. (2018) A two-level analysis of public support: Exploring the role of beliefs in opinions about the Swiss energy strategy. Energy Research & Social Science, DOI: 10.1016/j.jerss.2018.05.024

Lordan, R., Spada, M. , Burgherr, P. (2015) Import-Adjusted Fatality Rates for Individual OECD Countries Caused by Accidents in the Oil Energy Chain. Journal of Cleaner Production, DOI: 10.1016/j.jclepro.2015.08.097

Lordan, R., Spada, M. , Burgherr, P. (2015) Import-adjusted fatality rates for OECD countries caused by fossil fuel accidents. ESREL 2015, Zurich, Switzerland. Conference paper and proceeding article.

Lordan, R., Spada, M., Burgherr, P. (2014) Import-Adjusted Fatality Rates for Individual OECD Countries caused by Accidents in the Oil Energy Chain, 5th International Disaster and Risk Conference (IDRC), Davos, Switzerland. Conference proceedings.

Rosner, R., **Lordan, R.** (2014) Why America should move toward dry cask consolidated interim storage of used nuclear fuel. Bulletin of the Atomic Scientists: 70 (6).

Lordan, R. (2012) Cleaner at a cost. Chicago Policy Review.

Lordan, R. (2012) Bite-size Reactors: More than we can chew? Chicago Policy Review.

Lordan, R. (2012) US Energy Review with Former DOE Undersecretary for Energy Steve Koonin: Ideas for the Future. Energy Policy Institute at Chicago.

Benedict, K., **Lordan, R.** (2011) Workshop Report on Leadership and the Future of Nuclear Energy Conference. American Academy of Arts and Sciences.

Rosner, R., **Lordan, R.**, Goldberg, S. (2011) Moving to Passive Designs. Bulletin of the Atomic Scientists.

Lordan, R. (2010) Some Impressions from COP15. League of Women Voters of United States.

PRESENTATIONS

Lordan, R., M. Spada, P. Burgherr, R. Rosner (2016) Qualitative Risk Assessment of Coal Combustion Residue Impoundment Closure, 6th International Disaster and Risk Conference (IDRC), Davos, Switzerland. Special session presentation and conference proceedings.

Lordan, R., M. Spada, P. Burgherr (**2015**) Import-adjusted fatality rates for OECD countries caused by fossil fuel accidents. ESREL 2015, Zurich, Switzerland. Conference paper and proceeding article, accepted.

Lordan, R., P. Burgherr, M. Spada (**2015**) Outlook on Terrorist Attacks against Energy Infrastructure A Case Study: Developing a Theoretical Framework. Invited presentation at Swedish Defense University, Stockholm, Sweden.

Lordan, R., M. Spada, P. Burgherr (**2014**) Import-Adjusted Fatality Rates for Individual OECD Countries caused by Accidents in the Oil Energy Chain, 5th International Disaster and Risk Conference (IDRC), Davos, Switzerland. Special session presentation and conference proceedings.

Lordan, R. (**2014**) Invited participation in Post-Conference Workshop, 5th International Disaster and Risk Conference (IDRC), Davos, Switzerland

TEACHING

Introduction to Energy Economics II, Spring Semester (2019): Course Instructor

Exploring Possible Futures: Modeling in Environmental and Energy Economics (October 2017 & 2018):
Online Course Teaching Assistant

ADDITIONAL SKILLS

Computer Programs	R, Stata, L ^A T _E X, QGIS, GAMS, Microsoft Office Suite
Languages	English (native), French (conversational), German (A2), Spanish (basic)

CO-CURRICULAR ACTIVITIES

Rapporteur, American Academy of Arts & Sciences Conference on Dual Use Technologies *2014*

Rapporteur, American Academy of Arts & Sciences Conferences on Insider Threats *2012*

Organizer, Small Modular Reactor Panel Discussion with AAAS, EPIC and The Senate
Energy and Natural Resources Committee *2012*

Copy Editor, Chicago Policy Review, University of Chicago, Chicago, IL *2010-12*

Mentor, Chicago Careers In Public and Social Service, University of Chicago, Chicago, IL *2010-11*

Delegate, US League of Women Voters, Copenhagen Climate Change Conference, DK *2009*

Member, Cape Ann League of Women Voters, Rockport, MA *2009-2012*