

# CHUAN TANG

Center for Agricultural and Rural Development (CARD)  
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## RESEARCH INTERESTS

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Environmental and Natural Resource Economics, Energy Economics, and Urban Economics

## EDUCATION

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- 2017     **INSTITUTE FOR A SUSTAINABLE ENVIRONMENT, CLARKSON UNIVERSITY, Potsdam NY**  
*Ph.D. in Environmental Science & Engineering, August 2017*  
*Dissertation: Three Essays on Economic Valuation: Exploring the Value of Environmental Amenity*
- 2015     **INSTITUTE FOR A SUSTAINABLE ENVIRONMENT, CLARKSON UNIVERSITY**  
*M.S. in Environmental Science & Engineering, June 2015*
- 2011     **WUHAN UNIVERSITY OF TECHNOLOGY (WHUT), Wuhan China**  
*B.S. in Environmental Science, June 2011*

## PROFESSIONAL APPOINTMENTS

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- Current   Economic Postdoctoral Research Associate, CARD, Iowa State University
- 2012-17   Research Assistant, School of Business & Institute for a Sustainable Environment, Clarkson University
- 2013     Environmental Engineering Intern, Ray Operations, ASARCO LLC (*Tucson, AZ*)
- 2011–12   Research Assistant, Institute of Geochemistry, Chinese Academy of Sciences (*Guiyang, China*)
- 2009–11   Research Assistant, School of Resources and Environmental Engineering, WHUT

## JOURNAL PUBLICATIONS & WORKING PAPERS

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- ◆     *Published Paper*
- 2018     **Chuan Tang**, Martin Heintzelman, Thomas Holsen. “Mercury Pollution, Information, and Property Values” *Journal of Environmental Economics and Management*, forthcoming
- 2012     Jiabin Zhou, **Chuan Tang**, Bei Cheng, Jiaguo Yu, Mietek Jaroniec. Rattle-type Carbon-Alumina Core-Shell Spheres: Synthesis and Application for Adsorption of Organic Dyes. *App. Mater. And Interfaces* 2012, 4(4), 2174-217
- ◆     *Working Papers (5)*
- 2018     **Chuan Tang**, Jeffrey Czajkowski, Martin Heintzelman, Minghao Li, Marilyn Montgomery. “Rail Accidents and Property Values in a Production Era of Unconventional Energy.” Under Review

- 2018 **Chuan Tang**, Martin Heintzelman. "A Hedonic Analysis on Public Land Designations in the Adirondack Park." In Preparation for Submission.
- 2018 Bebonchu Atem, Martin Heintzelman, **Chuan Tang**. "Predicting Residential Solar Adoption: Evidence from the State of New York." In Preparation for Submission.
- 2018 **Chuan Tang**, Thomas Holsen. "Comparative Analysis: Methods of Standardizing Fish Mercury." In Preparation for Submission.
- ◆ On-going Projects (4)
- 2018 "A Multi-dimensional Valuation Indicator for Ecosystem Services"
- 2018 "Impacts of Extreme Weather Events on Participation of National Land Conservation Programs." with David Keiser, Gabriel Lade and Yao-Hau Shr.
- 2018 "Drinking Water Violations and Avoidance Behaviors." with David Keiser, Gabriel Lade, Catherine Kling and Yao-Hau Shr.
- 2018 "Pipeline Incidents and Property Values." with Wendong Zhang, Minghao Li, and Fangge Liu.

## RESEARCH REPORTS

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- 2018 **Tang, Chuan**, Gabriel E. Lade, David Keiser, Catherine Kling, Yongjie Ji, and Yau-Huo Shr. "Economic Benefits of Nitrogen Reductions in Iowa." Center for Agricultural and Rural Development.
- 2016 Heintzelman, M.D., T.M. Holsen and **C. Tang**. "Measuring the Value of Hg and Acid Pollution in New York State through Property Values." NYSERDA Report 16-27.
- 2015 **Chuan Tang**; Martin Heintzelman. "Towards the Measurement of the Value of Public Land Designations in the Adirondack Park." Economics Analysis Report for Adirondack Council.
- 2013 **Chuan Tang**; Christopher Bellona; Shane Rogers; Thomas Holsen; Stefan Grimberg. "Investigation of Electrodialysis (ED) and Electrodialysis Reversal (EDR) Technology." Internal Technical Report for Poll Corporation.
- 2013 **Chuan Tang**; Christopher Bellona; Shane Rogers; Thomas Holsen; Stefan Grimberg. "Investigation of Water Quality from Sand Filter Backwash." Internal Technical Report for Poll Corporation.

## RESEARCH GRANTS

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- 2018-19 "The Economic Benefits of Improving Water Quality and Preventing Harmful Algal Blooms in Iowa", Principal Investigator with Yau-Huo Shr, Wendong Zhang, Catherine Kling, Iowa Water Center 2018 Seed Grant, \$ 30,000
- 2017-18 "Economic Value of Controlling Aquatic Invasive Species in New York State", Co-Principal Investigator with Martin Hentzelman, Great Lakes Research Consortium 2017 Small Grants Program, \$22,500

## HONORS & AWARDS

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- 2018 Iowa State University Graduate College Emerging Leadership Academy

- 2017 Outstanding PHD thesis, Clarkson University
- 2016 Resources for the Future (RFF), Joseph L. Fisher Dissertation Fellowship, Finalist (10%)
- 2016 The Northeastern Agricultural and Resource Economics Association (NAREA) Annual Conference Scholarship Award
- 2015 Clarkson Graduate Research Symposium – Sustainable Research Awards, 1st Place
- 2013 Tau Chi Alpha (TXA) - the National Environmental Engineering Honorary, Clarkson University
- 2013 Graduate Student Scholarship, Insitute for a Sustainable Environment, Clarkson University
- 2010 ESRI—Chinese College Student GIS Software Application Development Competition, the 1st Prize

## PRESENTATIONS

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- 2018 Agricultural & Applied Economics Association (AAEA) Annual Conference, 2018; Southern Economic Association (SEA) Annual Conference, 2018.
- 2016 Northeast Agricultural and Resource Economics Association (NAREA) Annual Conference, 2016; 13th International Conference on Mercury as a Global Pollutant, 2016.
- 2012–15 9th International Conference on Acid Deposition, 2015; Camp Resources XXII, 2015; 5th Annual AERE Summer Conference, 2015; Northeast Agricultural and Resource Economics Association (NAREA) Annual Conference, 2015; Clarkson Graduate Research Symposium, 2015; 17th Annual Colorado University Environmental and Resource Economics Workshop, 2014; 1000 Island Energy Research Forum, 2014; Clarkson University, 2013.

## TEACHING & MENTORING EXPERIENCE

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- 2018 Invited Speaker of Econ 581 - Advanced Environmental Economics (Taught by Dr. David Keiser)
- 2016 Co-Instructor of BY610 - Ecological Statistics & Experimental Design (with Dr. Tom Langen)
- 2015–16 Instructor of EV610 – Interdisciplinary Seminar Course for Grad Students Majoring in Environmental Science and Engineering, and in Environmental Politics and Governance
- 2015 Research Mentor, REU (Research Experience for Undergraduates) Program of Clarkson University  
Mentee: Virginia Wiltshire-Gordon (Middlebury College) and Aevalina Gwynne (Edgewood College).

## PROFESSIONAL ACTIVITIES & OUTREACH

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- 2018 Invited Speaker, Iowa Learning Farms Monthly Webinar Series
- 2018 Invited Speaker, Iowa Watershed Planning Advisory Council
- 2015-17 Board Member, The Climate and Engagement Committee, Clarkson University

## REFERENCES

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**Catherine L. Kling**, Professor (Postdoctoral Supervisor)

Charles H. Dyson School of Applied Economics and Management

464 Warren Hall | Cornell University | Ithaca, NY 14853

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**Martin D. Heintzelman**, Associate Professor (Doctoral Advisor)

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**Nicolai V. Kuminoff**, Associate Professor (Doctoral Degree Committee Member)

Department of Economics Arizona State University and NBER

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**Tom A. Langen**, Professor, Chair (Doctoral Degree Committee Member)

Department of Biology

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**Jeffrey Czajkowski**, Managing Director

Wharton Risk Management and Decision Processes Center

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