

Research summary

I view myself as an **applied economist** with interest in the field of **environmental economics** and a particular focus on **climate change policy**. Methodologically, I make use of **econometric/machine learning methods and data science tools** to conduct empirical analysis. I also use computational methods to solve **integrated assessment models (IAM) of climate change** as well as theoretical economic models, such as **dynamic contracts**.

Current Position

2021 — **Lecturer in Data Analytics**
present School of Business, SUNY Geneseo

Education

2016 — **Ph.D. in Economics**, University of Wyoming
2021 Supervisors: Chuck Mason¹ and Thorsten Janus²
Dissertaion: Essays in Political Economy

2014 — **M.Sc. in Economics**, Arizona State University
2015

2012 — **M.A. in Economics**, SUNY Stony Brook
2014

2006 — **B.Sc. in Applied Mathematics**, Hanyang University at Ansan, South Korea
2012

2006 — **B.A. in Economics**, Hanyang University at Ansan, South Korea
2012

Teaching

2021 **Instructor, Data Visualization and Presentation**³
SUNY Geneseo
Taught for reproducible data visualization and paper writing on the web.

Service

2021 — **Data Analytics Curriculum Meetings**
present School of Business, SUNY Geneseo⁴

Work Experience

2020 — **Lecturer in Data Analytics**
present School of Business, SUNY Geneseo⁵
I teach data analytics for undergraduate students.

Professional activities

2018 **Invited participant to the Global Dialogue for Happiness**, World Government Summit⁶, Dubai

2017 **Leading for Impact⁷ fellow**, 4-month leadership training programme at Saïd Business School, University of Oxford

Honors & Awards

2019 **H. A. True Chair in Petroleum and Economics Scholarship**, University of Wyoming

2019 **John S. Bugas Economics Scholarship**, University of Wyoming

2018 **Ralph d'Arge Scholarship in Natural Resource Economics and Finance**, University of Wyoming

2018 **McMurry Excellence Fund**, University of Wyoming

2018 **Joseph C. and Katherine A. Drew Scholarship**, University of Wyoming

2012 **Highest Grade Point Average in Economics Class of 2012**, Hanyang University at Ansan, South Korea

2010 **University Tutor of the Excellent Tutoring Team**, Hanyang University at Ansan, South Korea

2006 **Merit-based Scholarships**, Hanyang University at Ansan, South Korea

Grants and funding


2020 **Summer Augmentation Scholarship for Ph.D. Dissertation Research**, University of Wyoming
Conducted online due to the corona pandemic

2019 **Graduate Student Conference Travel Funding**, University of Wyoming
Graduate Student Conference Travel Funding, University of Wyoming

Miscellaneous

Computing skills

Programming, data analysis and visualisation in R (tidyverse), Python, and D3.js

 **Reproducible research** with R Markdown (bookdown, xaringan, pagedown) + LaTeX + HTML

 **Web development** (HTML, CSS, JavaScript, Hugo, blogdown, Jekyll, GitHub Pages, Netlify)

Skills & volunteering

Founding Band Member

2017 —
present The Karaoke Collective⁸
Inventor, MC and drummer; the KC is a group of seasoned musicians in Oxford and London where we blend the fun of karaoke with the magic of a live band.

Computer Science Ambassador

2017 —
2019 Dept. of Computer Science, University of Oxford
I gave regular talks about my group's and my personal research to 14-18 year old students from schools in the UK visiting the Dept. of Computer Science

Steering committee member, Oxford Scandinavian Society

2017 —
2019 Co-organiser of 'sittnings' (traditional Scandinavian dinner- and drinking parties), movie nights, summer BBQs and more. Webmaster at oxfordscandinavian.com

Head of Entertainment, Linacre College Ball

2017 Planned, contracted, and produced 15+ acts, including a 30-piece swing band, funk orchestra, live karaoke, glitter fairy, space hopper race, treasure hunt and drumming DJ

Interview Coach

2013 —
2016 Oxbridge Interviews, Oxfizz⁹
Provided interview training to 30+ teenagers from families not traditionally going to university wishing to apply to Oxford or Cambridge

1. <http://www.uwyo.edu/economics/faculty-staff/charles-mason/>↵
2. <http://www.uwyo.edu/economics/faculty-staff/thorsten-janus/>↵
3. <https://bcdanl.github.io/>↵
4. <https://transparentstatistics.org>↵
5. <https://www.geneseo.edu/business/>↵
6. <https://www.worldgovernmentsummit.org>↵

<https://www.sbs.ox.ac.uk/research/skoll-centre-social-entrepreneurship/social-impact-education/leading-impact>↵

8. <https://karaokecollective.com>↵

9. <https://oxfizz.org/>↵