

# Enar Kornelius Leferink

(773) 717-3862

[enar.is](mailto:enar.is)

enar.leferink@yale.edu

## EDUCATION

---

### Yale School of the Environment

New Haven, CT, USA

*Candidate for Master of Environmental Science*

Expected 2025

- **Master's Thesis:** Investing in an Uncertain Future: Variable Byproducts in Eco-Industrial Clusters
- **Focus:** Industrial Ecology, Industrial Symbiosis, Business and Environment, Sustainable Industry, and Energy
- **Relevant Coursework:** Industrial Ecology; Energy Systems Analysis; Multivariate Statistics; Natural Science Research Methods; Life-Cycle Assessment; Supply Chain Management; Network Algorithms and Stochastic Optimization
- **Awards:** Merit Research Scholarship; Dean's Scholarship; Leifur Eiríksson Fellowship; Waste Management Research Fellowship with the Air & Waste Management Association; National Science Foundation; American-Scandinavian Fellow; Laura Bassi Editorial Scholarship; Rosemary Ripley Family Fund Internship in Business and Environment Award; Leonard G. Carpenter Fund's Research Fellowship; YSE Master's Student Conference Fund; Leitner Conference Fund

### University of Chicago

Chicago, IL, USA

*B.A. in Economics; Minor in Environmental Studies*

2023

- Empower Scholarship awarded to first-generation college students, 2019-2023
- Dean's List, 2021-2022

### University of Iceland

Reykjavík, Iceland

*Bachelor's studies in Industrial Engineering*

2018-2019

- Achievement and Incentive Fund of The University of Iceland Scholarship
- Educational Award

## RESEARCH EXPERIENCE

---

### University of Iceland's Faculty of Civil and Environmental Engineering

Reykjavík, Iceland

*Researcher*

May 2024 – Present

- Leading the statistical analysis and theoretical modeling for two journal articles on well-being and carbon budget, using new functional units for consumption-based carbon footprints

### Greenlab & Yale School of Environment

Skive, Denmark

*Researcher*

January 2024 – Present

- Led a research project on variability in eco-industrial clusters with Greenlab and Yale. Created a theory of sustainable stochastic local supply chains and developed a stochastic microeconomic model for optimal investment decisions for unreliable sustainable investment decisions.

### Iceland Ocean Cluster and Yale University

Remote

*Researcher*

August 2023 – Present

- Investigate drivers of startups in the Iceland Ocean Cluster, aiming to use 100% of cod for commercial products.
- Analyze the development of the eco-industrial park based on 26 interviews, programming language and using cluster analysis to identify strengths, weaknesses, opportunities, and threats to industrial symbiosis in Iceland.

### Center for Industrial Ecology at Yale

New Haven, CT, USA

*Researcher*

September 2023 – December 2023

- Co-wrote, edited, and led meetings for a chapter in the *Oxford Handbook on Greening of Economic Development* on industrial symbiosis with Prof. Marian Chertow and Koichi Kanaoka, drawing links with other literature on green development and circular economy.

### Yale Environment Review

New Haven, CT, USA

*Writer*

September 2023 – December 2023

- Wrote a [selective media article](#) on the supposed juxtaposition of carbon-reducing choices and systemic economic change, and reviewed other media articles as part of the editing team.

**University of Iceland's Faculty of Civil and Environmental Engineering***Researcher***Reykjavík, Iceland**

June – October 2022, May 2023

- First-authored a [journal article](#) under supervision of two professors and one post-doctorate at the University of Iceland and University of Helsinki, led methodology and writing for all sections of the article.
- Analyzed and cleaned survey data, identified potential topics, and conducted regression analysis in Python.

**University of Chicago Booth School of Business***Research Assistant***Chicago, IL, USA**

April – June, October 2022

- Synthesized current literature and co-wrote literature review for article on under- and over-reaction in collaboration with authors based on their research plan.

**Oeconomica, University of Chicago's Undergraduate Economics Research Society***Researcher***Chicago, IL, USA**

September 2021 – June 2022

- Analyzed literature and helped construct a research schedule into peer effects of dorm assignments on extracurricular and social activities.
- Conducted preliminary research on the effects of community currency through a case study of UChicago's Maroon Dollar Program.

**Aalto University and Un. of Iceland's School of Engineering and Natural Sciences***Researcher***Reykjavík, Iceland**

June – September 2021

- Coordinated and conducted background research and diagnosed and analyzed data to formulate country-specific surveys into climate behavior, attitudes, and cultures.
- Reviewed existing literature and data to inform choice matrixes for survey respondents.
- Partially translated and delegated translations for different countries' versions of the survey.
- Constructed a method and calculation script to calculate and analyze carbon coefficients and adapted and computed emission coefficients.
- Adapted webspace for information on the project, programmed survey paths, and prepared analysis of web data.

**University of Iceland's Institute for Sustainability Studies***Researcher***Reykjavík, Iceland**

June – September 2020

- Researched industrial symbiosis, industrial ecology and circular economy in the Icelandic geothermal industry in collaboration with three researchers.
- Led one of three case studies, acquired and analyzed data, identified material and energy flows, analyzed economic, environmental and social effects.
- Collaboratively mapped out geothermal flows in Iceland considering the analyzed scalability, drivers and barriers, the policy framework and general economic, environmental, and social environment in Iceland.
- Co-wrote technical report, analyzed data and put forth results, monitored the conduciveness for further research.

**TEACHING EXPERIENCE****Yale University – Course in Industrial Ecology***Teaching Fellow***New Haven, CT, USA**

August 2024 – December 2024

**University of Chicago***Economics Tutor***Chicago, IL, USA**

October 2022 – June 2023

**PUBLICATIONS**

Leferink, Enar Kornelius. "You're Concerned about Climate Change: Do Your choices make an impact?" *Available at [Yale Environment Review](#)* (2024).

Leferink, Enar Kornelius, et al. "[Climate Concern Elasticity of Carbon Footprint.](#)" *Environmental Research Communications* (2023).

Ba, Cuimin, J. Aislinn Bohren, and Alex Imas. "[Over-and underreaction to information.](#)" *Available at SSRN* (2022).

**CONFERENCE PRESENTATIONS**

Industrial Ecology Gordon Research Seminar. Les Diablerets, Switzerland, May 2024.

- "Restoring balance in material systems: By-product Unreliability in Eco-Industrial Clusters." Oral presentation.
- "When? Timing of By-products in Eco-Industrial Clusters." Poster presentation.

## LEADERSHIP & ACTIVITIES

---

### Industrial Ecology and Green Chemistry Learning Community

New Haven, CT, USA

*Co-Leader*

April 2024 – Present

- Develop, plan, and execute events focused on academic and career development, including guest speakers, professional / skills-building workshops, networking, conferences, and local excursions.
- Serve as primary liaison between current and prospective students and faculty.

### Board of Sustainability Ambassadors at the University of Chicago

Chicago, IL, USA

*Sustainability Ambassador*

September 2019 – June 2021

- Manage a student-led energy audit of Chicago Public Schools culminating in presentation and report for key stakeholders and substantial environmental and economic savings.
- Facilitate discussions to develop sustainable solutions with different university offices and groups.
- Promote and develop sustainability and energy events.

### Woodsmoke Awareness Project

Remote

*Board Member*

September 2019 – June 2021

- Oversee all communications, distribute flyers, and synthesize literature on woodsmoke for an awareness project.
- Circulate information to scientists and policymakers in Iceland, regularly distribute flyers, and create a website.

### National Youth Council of Iceland

Reykjavík, Iceland

*Democracy and Human Rights Officer as Member of the Board*

February – August 2019

- Organized events, campaigns, and meetings; supported youth organizations in their work and individuals in their campaigns.
- Pressed for and had success in reforming government departments' structures and laws on gender equality and mental health.
- Represented Iceland at the Council of Europe: Partook in and led working groups and workshops with representatives from other countries to establish practices and necessary steps to follow the Enter! Recommendation on access of young people from disadvantaged neighborhoods to social rights.

## SKILLS & INTERESTS

---

### Skills

- **Programming languages:** Trained in Python, R, Java, and C#. Working knowledge of other programming languages such as Stata, Matlab (incl. Dynare), and Octave.
- **Content management and web tools:** Proficient in WordPress. Experience with Google Analytics, HotJar, page and marketing management on Facebook and Instagram.
- **Other Software:** Trained in AutoCAD. Knowledge in all standard software such as in the Microsoft Office, G Suite, and iWork packages. This includes fairly proficient working knowledge of Excel.

### Languages

- Fluent in Icelandic, Dutch, and English. Reading and conversational knowledge in German and Danish.

### Interests

- Music and improvisation (choir and piano); contemporary art (Chinese and African); traveling.

## REFERENCES

---

Alex Imas, PhD

Professor at the University of Chicago's Booth School of Business

[alex.imas@chicagobooth.edu](mailto:alex.imas@chicagobooth.edu) ; +1 (224) 392 3669

Alison Anastasio, PhD

Associate Dean of Students and Executive Director at the University of Chicago

[aea@uchicago.edu](mailto:aea@uchicago.edu)

Áróra Árnadóttir, PhD

Professor at the University of Iceland; CEO at Green Building Council Iceland

[arora@hi.is](mailto:arora@hi.is) ; +354 699 7058

Dominic Patrick Scott

Senior Economic Advisor at the Regulatory Assistance Project (RAP); Lecturer at the University of Reykjavík  
[dscott@raponline.org](mailto:dscott@raponline.org) ; +354 855 6305

Guðrún Pétursdóttir, PhD

Former Director of the Institute of Sustainability Studies; Professor emeritus at the University of Iceland  
[gudrun@hi.is](mailto:gudrun@hi.is) ; +354 820 0575

Jukka Taneli Heinonen, PhD

Professor of Civil and Environmental Engineering at the University of Iceland; Adjunct Professor, Aalto University  
[heinonen@hi.is](mailto:heinonen@hi.is)

Marian Chertow, PhD

Professor of Industrial Environmental Management at Yale; Director of the Center for Industrial Ecology at Yale  
[marian.chertow@yale.edu](mailto:marian.chertow@yale.edu)