

# Enar Kornelius Leferink

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## EDUCATION

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### Yale School of the Environment

New Haven, CT, USA

*Candidate for Master of Environmental Science*

Expected 2025

- **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
- **Honors:** Merit Research Scholarship (\$25,000 annually)

### University of Chicago

Chicago, IL, USA

*Bachelor's degree in Economics, Minor in Environmental Studies*

Graduated 2023

- Empower Scholarship awarded for First-Generation College Students across 4 years
- Dean's List of 2021-2022 from The College for high academic excellence

### University of Iceland

Reykjavík, Iceland

*Bachelor's studies in Industrial Engineering (one year)*

2018-2019

- Scholarship from the Achievement and Incentive fund of The University of Iceland
  - Allotted to the 33 students with the most exceptional achievement in academic disciplines
- Educational Award
  - Allotted to a single nominated student for their exceptional success in academics and social work

## RESEARCH EXPERIENCE

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### Center for Industrial Ecology at Yale

New Haven, CT, USA

*Researcher (part-time)*

September 2023 – December 2023

- Created the structure of and co-wrote 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, green development, and circular economy. Led meetings and editing of the chapter

### Yale Environment Review

New Haven, CT, USA

*Writer (part-time)*

September 2023 – December 2023

- Wrote a selective media article (will be posted in the next few months) on the supposed juxtaposition of carbon-reducing choices and systemic economic change, reviewed other media articles as part of the editing team

### Iceland Ocean Cluster and Yale University

Remote

*Researcher (part-time)*

August 2023 – Present

- Investigating the drivers of startups in the Iceland Ocean Cluster, aiming to use 100% of cod for commercial products. Analyzing development of the eco-industrial park using qualitative programming and cluster analysis

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

Reykjavík, Iceland

*Researcher (full-time, part-time)*

June – October 2022, May 2023

- Led [journal article](#) under supervision of two professors and one post-doctorate at the University of Iceland and University of Helsinki.
- Analyzed and cleaned survey-data, identified potential topics, analyzed regression results in Python.

### University of Chicago Booth School of Business

Chicago, IL, USA

*Research Assistant (part-time)*

April - June, October 2022

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

### Oeconomica, University of Chicago's Undergraduate Economics Research Society

Chicago, IL, USA

*Researcher (part-time)*

September 2021 – June 2022

- Analyzed literature and helped construct research schedule into peer effects of dorm assignments on extracurricular and social activities. Conducted preliminary research with fellow student for a paper 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** **Reykjavík, Iceland**  
*Researcher (full-time)* June – September 2021

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

**University of Iceland's Institute for Sustainability Studies** **Reykjavík, Iceland**  
*Researcher (full-time)* 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.

## **PUBLICATIONS**

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Leferink, Enar Kornelius, et al. "[Climate Concern Elasticity of Carbon Footprint.](#)" *Environmental Research Communications* (2022).

- The analysis uses data from a survey constructed in previous role (research position summer 2022). It seeks to improve upon estimates of the link between income and carbon footprint, and furthermore proposes a novel method to investigate connections between climate concern and carbon footprint.

## **LEADERSHIP & ACTIVITIES**

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**University of Chicago** **Chicago, IL, USA**  
*Economics Tutor (part-time)* October 2022 – June 2023

- Explain concepts of economic analysis, demonstrate how to solve problems, and otherwise aid bachelor's students with economic theories, concepts, and problem-solving methods for any course in Economics.

**Board of Sustainability Ambassadors at the University of Chicago** **Chicago, IL, USA**  
*Sustainability Ambassador (part-time)* September 2019 – June 2021

- Advise in developing sustainable solutions and discuss sustainability with different university offices and groups.
- Promote and develop sustainability and energy events on behalf of the University of Chicago.; e.g. worked on a student-led energy audit of Chicago Public Schools culminating in a presentation and report for key stakeholders, resulting in substantial environmental and economic savings.

**Woodsmoke Awareness Project** **Remote**  
*Member of the Board (part-time)* September 2019 – June 2021

- Oversee all communications, distribute flyers, and synthesize literature on woodsmoke for an awareness project into the environmental and health effects of woodsmoke. Project collaborators circulate information to scientists and policymakers in Iceland, regularly distribute flyers, and have created a straightforward [website](#).

**National Youth Council of Iceland** **Reykjavík, Iceland**  
*Democracy and Human Rights Officer as Member of the Board (part-time)* 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

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- **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 Icelandic, Dutch, and English. Reading and basic conversational knowledge of German. Reading knowledge in Danish.
- **Interests:** Music and improvisation (particularly choirs and piano), contemporary (particularly Chinese and African) art, travelling.

## REFERENCES

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Further references from any of the above experiences are available upon request.