

# FREDERICK THIELEN

I am a distinguished Health Technology Assessment (HTA) researcher with a robust portfolio demonstrating significant contributions to addressing challenges in European health care systems. My specialisation is in the integration of economic research into health sciences, providing innovative solutions to complex issues. I demonstrate commitment to hard work, collaboration, and embrace a broad-spectrum perspective that fosters diversity and innovation.

I am proficient in leveraging the R programming language for various applications, including document creation, demonstrating adaptability and advanced analytical capability.

View this CV online with links at my github account. Repo:  
data\_driven\_cv

## CURRENT POSITIONS

Current  
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2023

- **Senior researcher**  
Trimbos institute  Utrecht, The Netherlands

Current  
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2022

- **Research advisor**  
Erasmus Medical Center  Rotterdam, The Netherlands
  - Research advisor Erasmus MC Pharmacy: group of Clinical Pharmacometrics

Current  
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2021

- **Assistant professor**  
Erasmus School of Health Policy & Management  Rotterdam, The Netherlands
  - Teaching activities as course co-coordinator, lecturer, and tutor
  - Co-promoter of 4 PhD students
  - Research activities in several international, EU-funded research projects

Current  
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2019

- **Teacher in Statistical Programming & Data Science in R (freelance)**  
TriData  Utrecht, The Netherlands
  - Teacher of the course: Statistical programming in R (in Dutch)

## EDUCATION

2020  
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2015

- **PhD in Health Technology Assessment**  
Erasmus School of Health Policy & Management  Rotterdam, The Netherlands

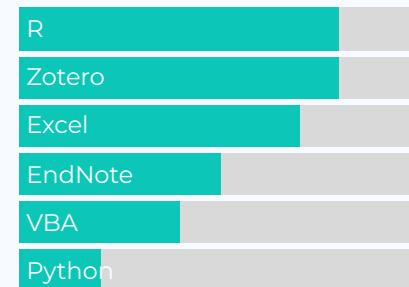
2015  
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2013

- **Research Master Health Sciences**  
Maastricht University  Maastricht, The Netherlands
  - Grade point average (GPA): 8.2
  - Participant in the PREMIUM Honours Programme

## CONTACT

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 github.com/fthieLEN  
 data-fred.com  
 linkedin.com/in/fthieLEN

## DIGITAL COMPETENCIES



## LANGUAGE SKILLS



Made with the R package  
[pagedown](#).

The source code is available on  
[github.com/hstrayer/cv](#).

Last updated on 2023-07-24.

2013  
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2010

- **BSc European Public Health**  
Maastricht University 📍 Maastricht, The Netherlands
  - Participant in the Honours Programme “Governance of Health Care Innovations”
  - Minor semester at **Oxford Brookes University** (United Kingdom, 2012)

2015  
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2015

## 💼 WORKING EXPERIENCE

2015  
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2014

- **Student Assistant**  
Erasmus School of Health Policy & Management 📍 Rotterdam, The Netherlands

2015  
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2006

- **Research Intern**  
Trimbos institute 📍 Utrecht, The Netherlands
  - Research internship for the Master thesis
  - Member of the working group “Early Psychosis” (technical modelling team)

2014  
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2013

- **Nurse**  
University Hospital Aachen 📍 Aachen, Germany
  - Nurse at a ward of internal medicine
  - Released delegate of the Staff Council in 2010
- **Teaching Assistant & Module Coordinator**  
Maastricht University 📍 Maastricht, The Netherlands
  - Teaching assistant for the study European Public Health
  - Module coordinator for the pre-bachelor course European Public Health

2013  
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2013

- **Research Assistant and Intern**  
RAND Europe 📍 Cambridge, United Kingdom
  - Research internship for the Bachelor thesis
  - Research Assistant for the team Health and Healthcare (4 months)

## 💡 TEACHING EXPERIENCE

Current  
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2019

- **Lectures at Erasmus School of Health Policy & Management**  
Erasmus School of Health Policy & Management 📍 Rotterdam, The Netherlands
  - Health Care Costs
  - Quality of Life
  - Economic aspects and reimbursement considerations for the treatment of haematological cancers

Driven by a passion for education, I thrive on pioneering and employing novel paedagogical techniques to elevate student learning.

Current   2019	<ul style="list-style-type: none"> <li>● <b>Lectures at Erasmus Medical Center</b>            Erasmus Medical Center <span style="float: right;">📍 Rotterdam, The Netherlands</span> <ul style="list-style-type: none"> <li>• A brief introduction to Health Technology Assessment and Economic Evaluations</li> </ul> </li> </ul>
Current   2022	<ul style="list-style-type: none"> <li>● <b>Lecture at Utrecht University</b>            Utrecht University <span style="float: right;">📍 Utrecht, The Netherlands</span> <ul style="list-style-type: none"> <li>• Oog voor impact (guest lecture)</li> <li>• Topics covered from penalized regression to boosted trees and neural networks</li> <li>• Highest level course offered in department</li> </ul> </li> </ul>
Current   2015	<ul style="list-style-type: none"> <li>● <b>Thesis supervision or assessment of Master thesis students</b>            Erasmus School of Health Policy &amp; Management <span style="float: right;">📍 Rotterdam, The Netherlands</span> <ul style="list-style-type: none"> <li>• Total master students until present: 42</li> <li>• Study programmes: Health Economics, Health Economics, Policy and Law, European Health Economics Master</li> </ul> </li> </ul>
Current   2015	<ul style="list-style-type: none"> <li>● <b>Teaching and tutor activities</b>            Erasmus School of Health Policy &amp; Management <span style="float: right;">📍 Rotterdam, The Netherlands</span> <ul style="list-style-type: none"> <li>• Pharmaceutical Pricing and Market Access (co-coordinator)</li> <li>• Health Technology Assessment</li> <li>• Advanced Health Economic Modelling</li> </ul> </li> </ul>



## HONOURS & AWARDS

Current   2022	<ul style="list-style-type: none"> <li>● <b>Research and education fellowship</b>            Community for Learning and Innovation <span style="float: right;">📍 Rotterdam, The Netherlands</span> <ul style="list-style-type: none"> <li>• The Fellowship covers 0.2 FTE for a period of two years for my educational project "Data and Health", which I share with another colleague</li> </ul> </li> </ul>
2018   2018	<ul style="list-style-type: none"> <li>● <b>2018 Best Student Poster Research Presentation</b>            International Society for Pharmacoeconomics and Outcomes Research (ISPOR)           <ul style="list-style-type: none"> <li>• Poster title: The Cost Of Healthcare For Children With Sickle Cell Disease: An Analysis Of Healthcare Utilization And Expenditures In The Netherlands</li> </ul> </li> </ul>

2013  
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2013

- **2013 ESST European Award for Aspiring Undergraduates<sup>1</sup>**

The European Inter-University Association on Society, Science, and Technology (ESST)

- The European Masters Programme in Society, Science and Technology (ESST) was sponsoring an award of 1,000 € for the best undergraduate essay on the connection between science and society (or technology and society). Undergraduates of all fields, studying at any European university, were eligible to apply. See also: <http://esst.eu/award/>



## SELECTED PUBLICATIONS AS FIRST AUTHOR

2022  
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2022

- **Towards sustainability and affordability of expensive cell and gene therapies? Applying a cost-based pricing model to estimate prices for Libmeldy and Zolgensma<sup>2</sup>**

Cytotherapy

I regularly publish my research in international peer-reviewed journals.

2021  
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2021

- **Health Economic Aspects of Chimeric Antigen Receptor T-cell Therapies for Hematological Cancers: Present and Future<sup>3</sup>**

HemaSphere

2021  
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2021

- **Cost-effectiveness of lenalidomide plus rituximab versus rituximab monotherapy in patients with previously treated follicular lymphoma: a societal view<sup>4</sup>**

Expert Review of Anticancer Therapy

2020  
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2020

- **Cost-effectiveness of Anti-CD19 chimeric antigen receptor T-Cell therapy in pediatric relapsed/refractory B-cell acute lymphoblastic leukemia. A societal view<sup>5</sup>**

European Journal of Haematology

2020  
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2020

- **Cost of health care for paediatric patients with sickle cell disease: An analysis of resource use and costs in a European country<sup>6</sup>**

Pediatric Blood & Cancer

2019  
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2019

- **Obinutuzumab in Combination with Chemotherapy for the First-Line Treatment of Patients with Advanced Follicular Lymphoma<sup>7</sup>**

PharmacoEconomics

2019  
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2019

- **Designing and Testing of a Health-Economic Markov Model for Prevention and Treatment of Early Psychosis<sup>8</sup>**

Expert Review of Pharmacoeconomics & Outcomes Research

2018  
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2018

- **Second-line treatment for acute graft-versus-host disease with mesenchymal stromal cells: A decision model<sup>9</sup>**

European Journal of Haematology

- 2016 | 2016
- How to prepare a systematic review of economic evaluations for clinical practice guidelines: database selection and search strategy development (part 2/3)<sup>10</sup>  
Expert Review of Pharmacoeconomics & Outcomes Research
  - Long-term economic consequences of child maltreatment: a population-based study<sup>11</sup>  
European Child & Adolescent Psychiatry

## SELECTED PUBLICATIONS AS LAST AUTHOR

- 2023 | 2023
- Health-related quality of life in patients with steroid-refractory acute graft-versus-host disease<sup>12</sup>  
European Journal of Haematology
  - Cost-Effectiveness of Venetoclax Plus Obinutuzumab Versus Chlorambucil Plus Obinutuzumab for the First-Line Treatment of Adult Patients With Chronic Lymphocytic Leukemia: An Extended Societal View<sup>13</sup>  
Value in Health

In recent years, I increasingly publish articles as last author.

## LINKS

- 1: <http://esst.eu/award/>
- 2: <https://www.sciencedirect.com/science/article/pii/S1465324922007861>
- 3: [http://journals.lww.com/hemisphere/Fulltext/2021/02000/Health\\_Economic\\_Aspects\\_of\\_Chimeric\\_Antigen.9.aspx?context=LatestArticles](http://journals.lww.com/hemisphere/Fulltext/2021/02000/Health_Economic_Aspects_of_Chimeric_Antigen.9.aspx?context=LatestArticles)
- 4: <https://doi.org/10.1080/14737140.2021.1971520>
- 5: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ejh.13427>
- 6: <https://onlinelibrary.wiley.com/doi/abs/10.1002/pbc.28588>
- 7: <https://doi.org/10.1007/s40273-018-0740-4>
- 8: <https://doi.org/10.1080/14737167.2019.1632194>
- 9: <https://onlinelibrary.wiley.com/doi/10.1111/ejh.13158>
- 10: <https://doi.org/10.1080/14737167.2016.1246962>
- 11: <https://doi.org/10.1007/s00787-016-0850-5>
- 12: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ejh.13987>
- 13: <https://www.sciencedirect.com/science/article/pii/S1098301522047325>