



Irwin HECKER

Data Scientist, PhD

Professional Experience



2021 • Biostatistics Research Engineer • Inserm • Paris

- Coordination of a Work Package within the European project RESPOND, aimed at preventing mental health risks during the COVID-19 pandemic.
- Study of determinants of adaptation types and mental distress during the COVID-19 pandemic using longitudinal data (COMET study).
- Daily communication in English.

2020 • Research Intern in Demography • Université de Montréal • Montréal/Strasbourg

- Participation in the international COVID-19 database project (COVerAGE-DB) at the Max Planck Institute in Rostock, Germany. Responsible for data from France and Switzerland.
Co-authorship and publication of an article in the *International Journal of Epidemiology*:
Riffe, T., Acosta, E., the COVerAGE-DB team. (2021). [Data Resource Profile: COVerAGE-DB: a global demographic database of COVID-19 cases and deaths](#). *International Journal of Epidemiology*, 50(2), 390–390f.
- Co-authorship and publication of a study in collaboration with INSEE Grand Est:
Hecker I., Pic V., Breton D., Gagnon A. (2020), [Le Grand Est : deuxième région française la plus touchée par l'épidémie de Covid-19](#) – Insee Analyse, n°115 en ligne.

2019 • Research Assistant Intern • Observatoire Régional de la Santé du Grand Est • Nancy

- Study on maternal and new born health in Grand Est in 2018.

2016 to 2018 • Summer/Student Jobs

- First-year undergraduate student tutoring, flyer distribution, shelf stocking, agricultural work.

Education



2024 • PhD in Social Epidemiology • Sorbonne Université/Inserm • Paris

- Thesis titled: Longitudinal study of mental health during the COVID-19 period: Economic and social difficulties.
- Coordination of the merging and promotion of European cohorts related to COVID-19 within a common infrastructure, CoRESPOND, under the European H2020 RESPOND project.
- Study of the links between professional and financial difficulties and symptoms of anxiety and depression during the COVID-19 pandemic using longitudinal data (TEMPO cohort).
Hecker, I. et al. (2022). *Impact of work arrangements during the COVID-19 pandemic on mental health in France*. *SSM - Population Health*, 20, 101285. <https://doi.org/10.1016/j.ssmph.2022.101285>
- Study of the links between mental health difficulties and adherence to health measures during the pandemic (CoRESPOND database).
- Research stay at Vrije Universiteit (VU) Amsterdam within the Cross Cultural and Global Mental Health Research Group.

2020 • Master's Degree in Demography • With High Honors • Université de Strasbourg • Strasbourg

- Programming with R and SAS software, database management, statistical work, cartography.
- Design of dashboards, decision-making reports, and scientific articles.

Digital Skills



- Office tools:
Microsoft Office, Google Workspace.
- Data management:
R, SAS, Access, XL Stats.
- Programming:
R, Python, VBA, SQL.
- Collaboration:
Git, GitHub, GitLab.
- Data visualization:
R, SAS, Tableau, Excel, PowerBI.
- Cartography:
R, QGIS, Magrit, Philcarto.
- Image editing:
Illustrator, Krita, Canva.
- Video editing:
Adobe Premiere Pro, Capcut, OBS.

If you're interested in collaborating or learning more, please contact me:

irwin.hecker@gmail.com

27 years old

Holder of a Category B driver's license

Certified in Mental Health First Aid

Professional Profiles



linkedin.com/in/ihecker



Scientific publications:
researchgate.net/profile/Irwin-Hecker

Languages



English : C1

French : C2

German : B1

Interests



Culture

Photography
Drawing
IT
Video games
Cinema

Sports

Surfing
Bouldering
Hiking