

# COURTNEY DOW

5 Résidence le Clos Fleuri | 77470 Trilport FR

Phone: +33 6 22 71 23 91 | Email: [cdow4@alumni.uwo.ca](mailto:cdow4@alumni.uwo.ca)

LinkedIn: <https://fr.linkedin.com/in/courtney-dow>

## WORK EXPERIENCE

### CURRENT POSITION

**Postdoctoral Research Fellow** | INRAE | CRESS Team “Early Life Research on Later Health”

*Paris, France: March 2023-March 2024*

Research project: Dietary exposure to contaminants during pregnancy and atopic disease in offspring

### PAST WORK EXPERIENCE

**Postdoctoral Research Fellow** | INSERM | CRESS Team “Early Life Research on Later Health”

*Paris, France: January 2020-February 2023*

Research project: Maternal obesity, inflammation, and child neurodevelopment

- Based on 3 independent longitudinal birth cohort studies (largest > 18,000 participants)
- Data base preparation – data management and preparation of required variables and datasets (including principal component analysis, multiple imputation, inverse probability weighting)
- Statistical analysis – including logistic & linear regression, mediation analysis
- Diffusion of results – literature review, writing scientific papers, publishing in peer-reviewed journals, presentations at international conferences
- Leadership – primary supervisor of a Master’s student on her MSc thesis project

**Graduate Teaching Assistant & Thesis Jury Member** | EHESP School of Public Health

*Paris, France: September 2020-Current*

- Teaching assistant – (i) Epidemiology Design and Methods; (ii) Analysis in Epidemiology
- Responsible for giving introductory lectures, lab sessions (teaching students how to code in STATA, explaining epidemiological concepts), marking (homework, labs, exams), responding to student emails
- Jury member for MPH – reading 1-2 student’s theses, attending presentations, challenging the student with questions and determining their grade

**Visiting Postdoctoral Fellow** | IS Global (Barcelona Institute for Global Health)

*Barcelona, Spain: March 2022-May 2022*

Research project: Cord blood cytokines as mediators in the association between maternal obesity and child behavioural development: a multi-cohort analysis

**Research Analyst** | Public Health France

*Paris, France: June 2019-January 2020*

Research project: Risk factors of comorbid PTSD & depression in civilians of the November 13th study

**Visiting PhD Candidate** | Baker IDI Heart and Diabetes Institute

*Melbourne, Australia: November 2016 – January 2017*

Research project: Interaction of dietary patterns and socioeconomic factors on the risk of incident diabetes in the AusDiab cohort study

**PhD Candidate** | INSERM Team “Health Across Generations”

*Paris, France: October 2015-October 2018*

Thesis subject: Dietary factors, type 2 diabetes and diabetic retinopathy in the E3N cohort study

## **Epidemiology Intern** | Public Health France

*Paris, France: February 2015 – July 2015*

Research project: Socioeconomic factors associated with screening, diagnosis and outcomes of gestational diabetes among French women in 2011

## EDUCATION

### **Graduate Certificate in Food, Nutrition and Health (GradCert)** | University College Dublin

*Dublin, Ireland (Online): September 2020 – March 2023*

### **Doctorate in Epidemiology (PhD)** | University Paris Saclay

*Paris, France: October 2015-October 2018*

### **Master of Public Health (MPH)** | EHESP School of Public Health

*Paris, France: September 2013-July 2015*

### **Bachelor of Science in Physiology and Biology (BSc Honours)** | University of Western Ontario

*London, Canada: September 2007-June 2012*

## OTHER CERTIFICATIONS

### **Professional Certificate: Statistical Analysis with R for Public Health** | Imperial College London

*Online through Coursera: April 2022 – June 2022*

### **Professional Certificate: SAS Advanced Programmer** | SAS

*Online through Coursera: November 2020 – February 2021*

### **Professional Certificate: SAS Programmer** | SAS

*Online through Coursera: July 2020 – September 2020*

### **Teaching English as a Foreign Language (TEFL)** | TEFL Worldwide Prague

*Prague, Czechia: June 2012 – July 2012*

## SKILLS

### LANGUAGES

English: Native

French: TCF Level C1

Spanish: B1

German: A1

### SOFTWARE

SAS: Advanced

STATA: Intermediate

R: Intermediate

Datashield: Intermediate

Microsoft Office: Advanced

## PRESENTATIONS: INTERNATIONAL CONFERENCES

**Developmental Origins of Health (DoHaD) Conference 2022** | Vancouver, Canada

“Maternal pre-pregnancy obesity and offspring IQ at 5-6 years” *Poster presentation*

**French Developmental Origins of Health (DOHaD) Conference 2021** | Jouy-en-Josas, France

“Maternal obesity and offspring behaviour from 3 to 8 years in the EDEN cohort” *Oral presentation*

**European Association for the Study of Obesity 2021** | Online

“Maternal pre-pregnancy BMI and offspring hyperactivity-inattention from 3 to 8 years in the EDEN birth cohort study” *Oral presentation*

**French-Speaking Diabetes Society Conference 2018** | Nantes, France

“Diet and diabetic retinopathy: a systematic review” *Poster presentation*

**European Association for the Study of Diabetes 2016** | Munich, Germany

“Fatty acid consumption and incident type 2 diabetes: evidence from the French E3N cohort”  
*Poster presentation with oral communication*

**French-Speaking Diabetes Society Conference 2016** | Lyon, France

“Fatty acid consumption and risk of type 2 diabetes in the French E3N cohort study” *Oral presentation*

“Screening, prevalence and diagnosis of gestational diabetes in France in 2011” *Poster presentation*

## PUBLICATIONS

**Dow C**, Lorthe E, Marchand-Martine L, Galera C, Tafflet M, Ancel PY, Charles MA, Heude B. High maternal pre-pregnancy BMI is associated with increased offspring peer-relationship problems at 5 years. *Front Child Adolesc Psychiatry*. 2022. doi: 10.3389/frcha.2022.971743

**Dow C**, Lorthe E, Marchand-Martine L, Galera C, Tafflet M, Ancel PY, Charles MA, Heude B. Maternal pre-pregnancy obesity and offspring hyperactivity-inattention symptoms at 5 years in preterm and term children: a multi-cohort analysis. *Scientific Reports*. 2022. 12:18190. doi: 10.1038/s41598-022-22750-8

**Dow C**, Galera C, Charles MA, Heude B. Maternal pre-pregnancy BMI and offspring hyperactivity-inattention trajectories from 3 to 8 years in the EDEN birth cohort study. *Eur Child Adolesc Psychiatry*. 2022. doi: 10.1007/s00787-022-02047-x

**Dow C**, Balkau B, Bonnet F, Mancini F, Rajaobelina K, Shaw J, Magliano DJ, Fagherazzi G. Strong adherence to dietary and lifestyle recommendations is associated with decreased type 2 diabetes risk in the AusDiab cohort study. *Prev Med*. 2019. 123:208-216.

**Dow C**, Mancini M, Rajaobelina K, Boutron-Ruault MC, Balkau B, Bonnet F, Fagherazzi G. Diet and risk of diabetic retinopathy: a systematic review. *Eur J Epidemiol*. 2018. 33(2):141-156.

**Dow C**, Mangin M, Balkau B, Affret A, Boutron-Ruault MC, Clavel-Chapelon F, Bonnet F, Fagherazzi G. Fatty acid consumption and incident type 2 diabetes: an 18-year follow-up in the female E3N (Etude Epidémiologique auprès des femmes de la Mutuelle Générale de l'Education Nationale) prospective cohort study. *Br J N*. 2016. 116(10):1807-1815.

**Dow C**, Fosse-Edorh S, Perrine A, Charles M, Barry A, Vambergue A, Cosson E, Regnault, N.CA-107: Dépistage, prevalence et pronostic du diabète gestationnel en France en 2011 : l'étude ELFE. *Diabetes & Metabolism*. 2016. 42(1): A64. doi: 10.1016/S1262-3636(16)30239-7

ORCID: <https://orcid.org/0000-0002-9925-8460>

28 peer-reviewed publications in international scientific journals: [link](#)