

Maiden name: Rathmes
Civil wedding on the 31/08/23
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 giuliahofe

Belgian, born August 20th 1993



Giulia Hofer, MD MSc

Education

- 10/2017–09/2018 **MSc in Global Health Science & Epidemiology**, UNIVERSITY OF OXFORD (UK).
 - Intensive training in statistics and epidemiology, tutored by Professor Richard Peto
 - MSc project titled “Global antimalarial drug efficacy for uncomplicated *Plasmodium falciparum* malaria 1990–2016” supervised by Professor Peter Gething
- 08/2011–09/2016 **Doctor of Medicine, MD**, PARACELUS MEDICAL UNIVERSITY (AT).
 - Graduated *magna cum laude* (top 5%)
 - Visiting student at YALE UNIVERSITY in Professor John Geibel’s lab
 - Doctoral thesis titled “The effect of induced ischemia on Na⁺/H⁺ exchangers in distal colon of a rat model” in the field of gastrointestinal pathophysiology and surgery

Clinical Work Experience

- from 10/2022 **Endocrinology resident**, UNIVERSITY HOSPITAL ZURICH, Zurich (CH).
Endocrinology resident with a focus on diabetes mellitus type 1 and 2, pituitary gland and adrenal gland disorders.
- from 01/2022 **PostDoc**, UNIVERSITY HOSPITAL ZURICH, Zurich (CH).
Research in the Department for Endocrinology, Diabetology and Clinical Nutrition supervised by PD Dr. med. Cavelti-Weder.
- 12/2019–11/2021 **Internal medicine resident**, ZUGER KANTONSSPITAL, Baar (CH).
Internal Medicine Residency with a focus on Emergency Medicine, Endocrinology and Oncology.
- 10/2018–09/2019 **Internal medicine resident**, GZF, Rheinfelden (CH).
Internal Medicine Residency.

Public Health and Research Experience

- from 03/2021 **Research assistant**, UNIVERSITY HOSPITAL ZURICH, Zurich (CH).
 - Research assistant in Prof. Krauthammer’s lab working on polypharmacy and drug-drug interactions and genomic variance on the UK biobank data
- 12/2018–12/2020 **Consultant**, WORLD HEALTH ORGANIZATION, Geneva (CH).
 - Analyzed cohort data of 500k children and coordinated with 30 principal investigators
 - Published two papers in peer-reviewed journals
- 10/2018–10/2022 **Lecturer**, PARACELUS MEDICAL UNIVERSITY, Salzburg (AT).
 - Developed course materials from the ground up
 - Lectured once a month on epidemiology
- 01/2017–06/2017 **Internship**, WORLD HEALTH ORGANIZATION, Copenhagen (DK).
 - Investigated policy strategies on physical activity and co-authored WHO’s policy recommendations on nutrition, physical activity, and obesity prevention worldwide

Research Grants

- 01/2022-06/2023 SAMW - Beginner Grant for Young Talents in Clinical Research - 73'088 CHF - "Personalized insulin dosing: Machine learning prediction using electronic health records (EHRs)".
- 07/2023-06/2025 Swiss Diabetes Centre Bern - 136'000 CHF - "Prediction of blood glucose and insulin in a hospital setting".

Research Supervision

from 10/2022 I am supervising Sophie Graf and Stephanie Goode in their Masters thesis and Lorena Sabbatini in her Doctoral thesis at the University Hospital Zurich

Awards & Achievements

- 01/2022-06/2023 Aiming Higher - Mini-MBA and career development for female physicians - University of St. Gallen
- 2020 Internal Medicine Board Examination - FMH/ SGAIM/ Switzerland
- 2014 United States Medical Licensing Examination (USMLE) - Step 1
- 2013 & 2014 Paracelsus Medical University Achievement Award (merit-based)

Publications

1. Schwarz, K., **Rathmes, G.**, Krauthammer, M., Drug prescription clusters in the UK Biobank: An assessment of drug-drug interactions and patient outcomes in a large patient cohort. Arxiv. 2022.
2. **Rathmes, G.**, Krauthammer, M., Künstliche Intelligenz in der Medizin: Chancen und Risiken. Hausarzt Praxis. 2021.
3. Musić Milanović, S., **Rathmes, G.**, Socioeconomic Disparities in Physical Activity, Sedentary Behaviour and Sleep Patterns Among 6-9-Year-Old Children from 24 Countries in the WHO European Region. World Health Organization. Obesity Reviews. 2021.
4. Williams, J., **Rathmes, G.**, A Snapshot of European Children's Eating Habits: Results from the Fourth Round of the WHO European Childhood Obesity Surveillance Initiative (COSI). World Health Organization. Nutrients. 2020.
5. **Rathmes, G.**, Rumisha, S., Global estimation of antimalarial drug effectiveness for the treatment of uncomplicated *Plasmodium falciparum* malaria 1991 – 2019. Submitted for publication to Malaria Journal. 2020.
6. Breda, J., **Rathmes, G.**, Promoting health-enhancing physical activity in Europe: current state of surveillance, policy development and implementation. World Health Organization. Health Policy Journal. 2018.

Poster presentations

1. **Rathmes, G.**, Cavelti-Weder, C., A retrospective descriptive analysis of real-world blood glucose control and insulin use in an inpatient setting. Poster presentation at the Swiss Society for Endocrinology and Diabetes in Bern. November 2022.
2. **Rathmes, G.**, Jäger, T., Surgical knot vs. ultracision – reducing factor of operation time. Poster presentation at the German Surgeon Congress in Berlin. 2014.

Extracurricular activities

- 10/2017-09/2018 **Student representative**, UNIVERSITY OF OXFORD, Oxford (UK).
- Promoted students' views in meetings with the University Dean to improve students' experience

- 01/2016-06/2016 **Chairwoman**, UNITED NATIONS INTERN ASSOCIATION, Copenhagen (DK).
◦ Represented ~100 interns in front of senior stakeholders at United Nations (UN) board meetings to improve interns' experience at the UN
- 08/2016 **Medical volunteer**, SUMMER OLYMPIC GAMES 2016, Rio de Janeiro (BR).
◦ Performed first aid for injured athletes in Kayak, Canoe, BMX, and Track cycling

Skills

Languages **German** native, **English** fluent, **French** conversational
Programming R (experienced), STATA (experienced), PYTHON (beginner)

Interests

Sports Hiking, Skiing, Swimming, Pilates
Licenses Advanced Open Water Diver, Rescue Diver

Zurich, 14.09.2023