

Department of Clinical Neuroscience
Division of Insurance Medicine

Muhammad Ridwanul Amin, born 1985

Phone: +46-(0)8-524 832 24

Email: ridwanul.amin@ki.se

Education

- 2017 - **Doctoral student** (PhD in Public Health and Epidemiology), Division of Insurance
2021 Medicine, Department of Clinical Neuroscience, Karolinska Institutet, Solna,
Sweden
- 2014 - **Masters in Medical science** (MMSc in Public Health and Epidemiology),
2016 Karolinska Institutet, Solna, Sweden
- 2004 - **Bachelor of Medicine and Bachelor of Surgery** (MBBS), Sher-E-Bangla Medical
2010 College & Hospital, University of Dhaka, Bangladesh

Research Experience

Research positions

- 2021 - **Postdoctoral Researcher**, Division of Insurance Medicine, Department
of Clinical Neuroscience, Karolinska Institutet, Solna, Sweden
- 2017 **Research Assistant**, Division of Insurance Medicine, Department
of Clinical Neuroscience, Karolinska Institutet, Solna, Sweden
- 2017 **Research Assistant**, Synergus AB, Stockholm, Sweden
- 2011 - **Project Research Physician and Medical Officer**, International Center for
2014 Diarrhoeal Disease Research, Bangladesh (icddr,b)

Reviewer for international scientific journals

- Epidemiology and Psychiatric Sciences
- International Journal for Equity in Health
- Journal of Epidemiology and Community Health
- Psychological Medicine
- Risk Management and Healthcare Policy
- SAGE Open Medicine
- Scandinavian Journal of Work Environment and Health

Work Experience

- 2016 – **Nursing Assistant**, Nordisk Hemservice AB and St Görans Hemtjänst AB,
2017 Stockholm, Sweden
- 2011 **Medical Doctor**, Medecins Sans Frontieres (MSF, Belgium)

Teaching Experience

- 2022 **Guest Lecturer**, Migration and Health (doctoral course), Karolinska Institutet
- 2021 **Lecturer** (part-time), Public Mental Health (summer course), DIS – study abroad in Scandinavia
- 2021 – 2022 **Lecturer** (part-time), Public Health Emergencies and Health-Crisis Management (semester course), DIS – study abroad in Scandinavia
- 2021 **Supervisor**, two Master's theses, Degree project in nursing, Swedish Red Cross University College
- 2019 **Co-supervisor**, one Master's thesis, Master's Programme in Public Health Sciences, Karolinska Institutet

Language proficiency

	Reading	Writing	Speaking	Listening
English	Mother-tongue	Mother-tongue	Mother-tongue	Mother-tongue
Swedish	Advanced	Beginner	Intermediate	Advanced
Bangla	Mother-tongue	Mother-tongue	Mother-tongue	Mother-tongue

Publications

- Amin R**, Svedberg P, Narusyte J. Associations between adolescent social phobia, sickness absence and unemployment: a prospective study of twins in Sweden. *European Journal of Public Health* 2019;29(5): 931-936
- Bjorkenstam E, **Amin R**, Mittendorfer-Rutz E. Suicidal behaviour and care - differences between refugees, other migrants and people born in Sweden (in Swedish). *Delmi Policy Brief* 2019;9. Available at: <https://www.delmi.se/publikationer/policy-brief-2019-9-suicidalt-beteende-och-varld/>
- Björkenstam E, Helgesson M, **Amin R**, Mittendorfer-Rutz E. Mental disorders, suicide attempt and suicide: differences in the association in refugees compared with Swedish-born individuals. *The British Journal of Psychiatry: the journal of mental science* 2020;217(6):679-685
- Bjorkenstam E, Helgesson M, **Amin R**, Lange T, Mittendorfer-Rutz E. Mental disorders and suicidal behavior in refugees and Swedish-born individuals: is the association affected by work disability? *Social Psychiatry and Psychiatric Epidemiology* 2020;55(5):1061-1071
- Amin R**, Rahman S, Dorner TE, Björkenstam E, Helgesson M, Norredam ML, Sijbrandij M, Sever CA, Mittendorfer-Rutz E. Country of birth, time period of resettlement and subsequent treated common mental disorders in young refugees in Sweden. *European Journal of Public Health* 2020;30(6):1169-1175
- Mittendorfer-Rutz E, **Amin R**, Niederkrotenthaler T, Björkenstam E, Helgesson M, Qin P, Runeson B, Tinghög P, Mehlum L. Mental ill-health and suicidal behaviour in asylum seekers and refugees during the COVID-19 pandemic. *Suicidologi*. 2020;25(1).

7. **Amin R**, Helgesson M, Runeson B, Tinghög P, Mehlum L, Qin P, Holmes EA, Mittendorfer-Rutz E. Suicide attempt and suicide in refugees in Sweden - a nationwide population-based cohort study. *Psychological Medicine* 2021;51(2):254-264
8. **Amin R**, Rahman S, Tinghög P, Helgesson M, Runeson B, Björkenstam E, Ping Q, Lars M, Holmes EA, Mittendorfer-Rutz E. Healthcare use before and after suicide attempt in refugees and Swedish-born individuals. *Social Psychiatry and Psychiatric Epidemiology* 2021;56(2):325-338
9. Kronsell A, Nordenskjöld A, Bell M, **Amin R**, Mittendorfer-Rutz E, Tiger M (2021). The effect of anaesthetic dose on response and remission in electroconvulsive therapy for major depressive disorder: Nationwide register-based cohort study. *BJPsych Open*. 2021; 7(2):e71-. doi:10.1192/bjo.2021.31
10. Geirsdottir G, Mittendorfer-rutz E, **Amin R**. Risk of suicide attempt and suicide in young adult refugees compared to their Swedish-born peers: a register-based cohort study. *Social Psychiatry and Psychiatric Epidemiology* 2021. doi:10.1007/s00127-021-02099-5
11. **Amin R**, Rahman S, Helgesson M, Björkenstam E, Runeson B, Tinghög P, Mehlum L, Qin P, Mittendorfer-rutz E. Trajectories of antidepressant use before and after a suicide attempt among refugees and Swedish-born individuals: a cohort study. *International Journal for Equity in Health*. 2021;20(1):131. doi:10.1186/s12939-021-01460-z
12. **Amin R**, Mittendorfer-Rutz E, Mehlum L, Runeson B, Helgesson M, Tinghög P, Björkenstam E, Holmes EA, Qin P. Does country of resettlement influence the risk of suicide in refugees? A case-control study in Sweden and Norway. *Epidemiology and Psychiatric Sciences*. 2021;30, E62. doi:10.1017/S2045796021000512
13. Helgesson M, Rahman S, Björkenstam E, Gustafsson K, **Amin R**, Taipale H, Taskanen A, Eskelius L, Mittendorfer-Rutz E. Trajectories of labour market marginalisation among young adults with newly diagnosed attention-deficit/hyperactivity disorder (ADHD). *Epidemiology and Psychiatric Sciences*. 2021;30, E67. doi:10.1017/S2045796021000536
14. **Amin R**. Suicidal behaviour and healthcare use among refugees. [dissertation]. Stockholm (SWE): Karolinska Institutet; 2021. Available at <https://openarchive.ki.se/xmlui/handle/10616/47714>
15. Geirsdottir G, Mittendorfer-Rutz E, Björkenstam E, Chen L, Dorner TE, **Amin R**. Differences in labour market marginalisation between refugees, non-refugee immigrants and Swedish-born youth: Role of age at arrival and residency duration. *Scandinavian Journal of Public Health*. March 2022.
16. Helgesson M, Björkenstam E, Filatova S, Rahman Sg, Cullen A, Dorner T, Gémes K, **Amin R**, Mittendorfer-rutz E. Mental and somatic disorders and the subsequent risk of all-cause and cause-specific mortality in refugees, non-refugee migrants and the Swedish-born youth: a population-based cohort study in Sweden. *BMJ open*. 2022;12(5).
17. Kirchner S, **Amin R**, Niederkrotenthaler T, Cullen AE, Gémes K, Helgesson M, Mittendorfer-rutz E. Period effects in the risk of labour market marginalization among refugees in Sweden: a register-based cohort study. *European journal of public health* 2022;():-

Presentations

1. Seminar at the *National Centre for Suicide Research and Prevention of Mental Ill-Health, Karolinska Institutet. 2020*; **Amin R**. The risk of suicidal behaviour and use of specialised healthcare before and after a suicide attempt in refugees in Sweden.
2. Oral Presentation at a workshop by the *Migration Studies Delegation (DELMi), Sweden. 2019*. **Amin R**, Björkenstam E. Suicidal behaviour and health care - differences between refugees, immigrants and natives?
3. Oral presentation at the *European Public Health conference 2018*; **Amin R**, Helgesson M, Tinghög P, Runeson B, Mehlum L, Holmes E, Mittendorfer-Rutz E. Suicide attempts and suicide in refugees in Sweden: do time period effects, country of birth and labour market marginalisation influence the risk?
4. Poster presentation at the *Stockholm Stress Centre. 2018*; **Amin R**, Helgesson M, Tinghög P, Runeson B, Mehlum L, Holmes E, Mittendorfer-Rutz E. The risk of suicidal behaviour in refugees in Sweden.
5. Oral presentation at the *IASR/AFSP International Summit on Suicide Research. 2021*; **Amin R**, Mittendorfer-Rutz E, Mehlum L, Runeson B, Helgesson M, Tinghög P, Björkenstam E, Holmes EA, Qin P. Does country of resettlement influence the risk of suicide in refugees? A case-control study in Sweden and Norway.
6. Poster presentation at the *IASR/AFSP International Summit on Suicide Research. 2021*; **Amin R**, Rahman S, Helgesson M, Björkenstam E, Runeson B, Tinghög P, Mehlum L, Qin P, Mittendorfer-rutz E. Trajectories of antidepressant use before and after a suicide attempt among refugees and Swedish-born individuals.
7. Poster presentation at the *IASR/AFSP International Summit on Suicide Research. 2021*; **Amin R**, Rahman S, Tinghög P, Helgesson M, Runeson B, Björkenstam E, Ping Q, Lars M, Holmes EA, Mittendorfer-Rutz E. Healthcare use before and after suicide attempt in refugees and Swedish-born individuals.
8. Seminar at the *Swedish Red Cross University College. 2021*; **Amin R**, Tinghög P. Suicidal behaviour and healthcare use among refugees.
9. Oral presentation at the yearly conference for the FoU-program of AFA Insurance 2022; **Amin R**. Depression/anxiety disorder and sick leave among young workers in the private sector: patterns and the importance of factors in the work environment.
10. Poster presentation at the European Public Health conference 2022; **Amin R**, Mittendorfer-Rutz E, Björkenstam E, Virtanen M, Helgesson M, Gustafsson N, Rahman S. Time period effects in work disability due to common mental disorders among young employees in Sweden.
11. Poster presentation at the European Public Health conference 2022; Geirsdottir G, Mittendorfer-Rutz E, Björkenstam E, Chen L, Dorner TE, **Amin R**. Differences in labour market marginalisation between refugees and Swedish-born youth: Role of age at arrival and residency duration.