

Saskia Nowicki

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Overview

As a social-ecological systems specialist, I do solution-focused research that cuts across natural, social, and health sciences to respond to long-standing and emerging water quality risks. I work collaboratively with interdisciplinary research teams and with partners beyond academia to co-produce insight that supports just transitions for healthy freshwater ecosystems and equitable safe water service delivery.

Employment

<i>Smith School of Enterprise and the Environment, University of Oxford</i> Postdoctoral researcher Research assistant	Oxford, UK 06/2021 - present 09/2016 - 2018
<i>School of Geography and the Environment, University of Oxford</i> Casual lecturer Teaching assistant	Oxford, UK 09/2021 - present 09/2018 - 2021
<i>Dept for Environment, Food and Rural Affairs, Central Science Division</i> Policy secondment, One Health governance strategy	London, UK 10/2022 - 03/2023
<i>Dept of Earth Sciences, University of Oxford</i> Tutor, Myanmar TIDE Programme	Oxford, UK 04/2019 - 2020
<i>Oxford Policy Management, WASH Team</i> Consultant	Oxford, UK 09/2016 - 01/2017
<i>SRK Consulting, Geochemistry Team</i> Consultant	Vancouver, Canada 06/2012 - 2015
<i>Gregory-Eaves Limnology Lab, McGill University</i> Research assistant	Montreal, Canada 2011

Education

<i>University of Oxford</i> , DPhil Water and Health Thesis: Data, Decisions, & Drinking-Water Safety [view online]	2017 - 2021
<i>University of Oxford</i> , MSc Water Science, Policy and Management Thesis: Variability in Drinking-water Microbial Contamination Risk Top of class, distinction	2015 - 2016
<i>McGill University</i> , BSc (Hons) Environmental Science Concentration: Water Environments and Ecosystems, Biological Stream First class honours, distinction	2008 - 2012

Research Projects

Publications

BOOKS

Pearson, E.S. and John Wishart (eds.). 1943. *“Student’s” Collected Papers* London: Biometrika Office.

JOURNAL ARTICLES

Student. 1938. “Comparison between Balanced and Random Arrangements on Field Plots.” *Biometrika* 29(3-4): 363–378.

Student. 1936. “Co-operation in Large Scale Experiments.” *Supplement to Journal of the Royal Statistical Society* 3(2): 115–136.

Student. 1931. “On the z Test.” *Biometrika* 23(3-4): 407–408.

Student. 1931. “The Lanarkshire Milk Experiment.” *Biometrika* 23(3-4): 398–406.

Student. 1929. “Statistics in Biological Research.” *Nature* 124: 93

Student. 1927. “Errors of Routine Analysis.” *Biometrika* 19(1-2): 151–164.

Student. 1926. “Mathematics and Agronomy.” *Journal of the American Society of Agronomy* 18.

Student. 1925. “New Tables for Testing the Significance of Observations.” *Metron* 5(3): 105–108.

Student. 1923. “On Testing Varieties of Cereals.” *Biometrika* 15(3-4): 271–293.

Student. 1921. “An Experimental Determination of the Probable Error of Dr. Spearman’s Correlation Co-efficient” *Biometrika* 13(2-3): 263–282.

Student. 1917. “Tables for Estimating the Probability That the Given Mean of a Unique Sample of Observations Lies between $-\infty$ and Any Given Distance of the Mean of the Population from Which the Sample Is Drawn.” *Biometrika* 11(4): 414–417.

Student. 1909. “The Distribution of the Means of Samples Which Are Not Drawn at Random.” *Biometrika* 7(1-2): 210–214.

Student. 1908. “Probable Error of a Correlation Coefficient.” *Biometrika* 6(2-3): 302–310.

Student. 1908. “The Probable Error of a Mean.” *Biometrika* 6(1): 1–25.

Student. 1907. “On the Error of Counting with a Haemacytometer.” *Biometrika* 5(3): 351–360.

OTHER PUBLICATIONS

Student. 1905. “The Pearson Co-efficient of Correlation.” Supplement to Report of 1904, Arthur Guinness Son & Company.

Student. 1904. “The Application of the ‘Law of Error’ to the Work of the Brewery.” Report, Arthur Guinness Son & Company.

Funding

Grants

Africa Oxford Catalyst Grant (Co-I, coordinated the application)

£3500 [2024]

UKRI MRC PHIND Grant (Co-I, led the application) £150,000 [2023-24]
£1,000 [2023] - SoGE Research Environment and Culture Fund (led)
£35,000 [2020-23] - ESRC IAA Grant Stages 1, 2, 3 (Co-I, co-wrote the applications)
£1,000 [2016] - SoGE Engagement and Impact Inspiration Fund Grant (led)
\$6,000 [2011] - Canada NSERC Undergraduate Research Grant (led)

Awards

£500 [2022] - SoGE ECR Engagement and Impact Award
£1000 [2011] - McGill University Davidovic Field Study Award

Scholarships

£100,000 [2017-20] - Commonwealth Scholarship for Doctoral Study in the UK
£5,000 [2015-16] - Linacre College Canadian National Scholarship
£5,000 [2015-16] - SoGE Departmental Scholarship