

# Saskia Nowicki

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## Overview

Social-environmental systems specialist, leading transdisciplinary work on intersecting water quality, environmental hygiene, and health risks. Using systems frameworks and tools to improve understanding of human-environment interactions and identify leverage points to advance health equity through resilient safe water services. A decade of research and consulting experience in WASH and water management, engaging across scales, from molecular methods to hierarchical institutional dynamics. Recently seconded to the UK government to work on systems-based strategy for advancing environmental health governance.

## Employment

<i>Smith School of Enterprise and the Environment, University of Oxford</i>	Oxford, UK
Postdoctoral researcher	Jun 2021 - present
Research assistant	2016 - 18 (2 years)
<i>School of Geography and the Environment, University of Oxford</i>	Oxford, UK
Casual lecturer	Sep 2021 - present
Teaching assistant	2018 - 21 (3 years)
Chief Brewer (Park Royal)	1935-1937
Researcher (Dublin)	1899-1935

## Education

<i>New College, Oxford University</i> , B.A. Chemistry	1899
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## 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 Haemocytometer." *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.

#### References

Available upon request, though likely would include Karl Pearson and Ronald A. Fisher. Please send corrections, feedback, or details of missed publications (of which there are probably a few) to [steven.miller@ekohist.su.se](mailto:steven.miller@ekohist.su.se)