

# William Sealy Gosset

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Chief Brewer, Arthur Guinness & Son

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## Employment

*Arthur Guinness & Son*

Chief Brewer (Park Royal) 1935-1937

Researcher (Dublin) 1899-1935

## Education

*New College, Oxford University*, B.A. Chemistry 1899

## 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.

#### **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 [svmille@clemson.edu](mailto:svmille@clemson.edu).