

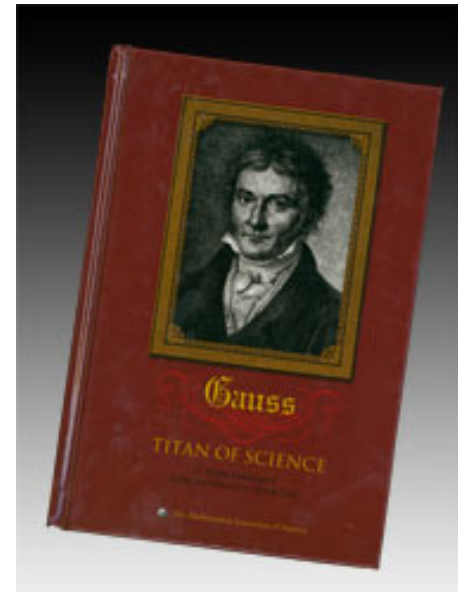




G. Waldo Dunnington, who taught German at Northwestern State University from 1946 until his retirement in 1969, collected these resources over a thirty year period. Dunnington wrote *Carl Friedrich Gauss, Titan of Science*, the first complete biography on the scientific genius in 1955. Dunnington also wrote an *Encyclopedia Britannica* article on Gauss. He bequeathed his entire collection to the Cammie Henry Research Center at Northwestern.

Titan of Science has recently been republished with additional material by Jeremy Gray and is available at the [Mathematical Society of America](http://www.msoa.org)

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Gauss was appointed director of the University of Göttingen observatory and Professor. Among his other scientific triumphs, Gauss devised a method for the complete determination of the elements of a planet's orbit from three observations.

Gauss and Physicist Wilhelm Weber collaborated in 1833 to produce the electro-magnetic telegraph. They devised an alphabet and could transmit accurate messages of up to eight words a minute. The two men formulated fundamental laws and theories of magnetism.



Gauss and his achievements are commemorated in currency, stamps and monuments across Germany. The Research Center holds many examples of these.

After his death, a study of Gauss' brain revealed the weight to be 1492 grams with a cerebral area equal to 219,588 square centimeters, a size that could account for his genius



Göttingen, the home of Gauss, and site of much of his research.

Links to more material on Gauss:

[\*Dunnington's Encyclopedia Article\*](#)

[\*Description of Dunnington Collection at the Research Center\*](#)

[\*Gauss-Society, Göttingen\*](#)

[\*Gauss, a Biography\*](#)

[\*Gauß site \(German\)\*](#)

*References for Gauss*

*Nelly Cung's compilation of Gauss material*

<http://www.gausschildren.org> This web site gathers together information about the descendants of Carl Friedrich Gauss



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