

# GENEALOGY DATABASE ENTRY

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Angenheister, Gustav Heinrich

1878 - 1945

DEGREE: PhD (physics)

DATE: 1902

PLACE: Berlin

TEACHER/RESEARCH ADVISOR: Warburg

meteorologist and geophysicist; studied the surface waves of earthquakes, esp. their absorption and propagation velocity; discovered that the propagation of earthquake waves is different under the ocean than through the continents; proved that the first earthquake waves appearing more than 105° away from the focus propagate along the boundary between the earth's core and mantle; suggested that the earth's crust is divided into three layers of different compositions; investigated the daily and yearly fluctuations in the the earth's magnetism, looking for correlations with atmospheric weather variations and solar activity; studied the effect of the earth's passage through the tail of Halley's comet in 1910.

FOOTNOTE: Angenheister turned his interests from experimental physics to geophysics while he served as assistant to Quinke at Heidelberg in 1902-1904.

1. *Neue Deutsche Biographie*; Duncker & Humblot: 1953-1990; vol. 1, p291-292.
2. *Gerlands Beitr. z. Geophysik* **1950**, 61, 291-295.
3. See *Ann. Physik [ser. 4]* **1903**, 11, p188-201, for Angenheister's connection to Warburg.