

advancement to professor was denied to women at Harvard, so she spent years in lesser, low-paid duties. She published several books, including *The Stars of High Luminosity*, 1930; *Variable Stars*, 1938; and *Variable Stars and Galactic Structure*, 1954.

Finally, in 1956, Payne-Gaposchkin achieved two Harvard firsts: she became the first female professor, and the first woman to become department chair.

Her obituary read, in part, "Cecilia Helena Payne-Gaposchkin, a pioneering astrophysicist and probably the most eminent woman astronomer of all time, died in Cambridge, Massachusetts, on December 7, 1979. In the 1920s she derived the cosmic abundance of the elements from stellar spectra and demonstrated for the first time the chemical homogeneity of the universe" [4].

- C. Payne-Gaposchkin, An Autobiography and Other Reflections, Katherine Haramundanis, ed. (Cambridge University Press, 1996).
- 2. Science 39, 791(1914).
- 3. C. H. Payne, Stellar Atmospheres (Harvard University Press, Cambridge, MA, 1925)
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