



Dr. Walter de Heer
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<https://www.physics.gatech.edu/user/walter-de-heer>

De Heer earned a doctoral degree in Physics from the University of California, Berkeley in 1986 under the supervision of Walter D. Knight. He worked at the École Polytechnique Fédérale de Lausanne in Switzerland from 1987 to 1997, and is currently a Regents' Professor of Physics at the Georgia Institute of Technology. He directs the Epitaxial Graphene Laboratory in the School of Physics and leads the Epitaxial Graphene Interdisciplinary Research Group at the Georgia Tech Materials Research Science and Engineering Center.

In 2006, de Heer was named as one of the "Scientific American 50", a list of individuals/organizations honored for their contributions to science and society during the preceding year. In 2007, he and his research group were awarded the prestigious W.M. Keck Foundation grant for continuation of work on "nanopatterned epitaxial graphene electronic devices that work at room temperature." De Heer received IBM Faculty Awards in 2007 and 2008, and his work on graphene transistors was named as one of Technology Review's 10 emerging technologies "most likely to change the way we live" in 2008. In September 2009, de Heer was awarded the ACSIN Nanoscience Prize "for his visionary work in developing the field of graphene nanoscience and technology". De Heer has been awarded the 2010 Materials Research Society Medal "for his pioneering contributions to the science and technology of epitaxial graphene". His h-index is currently 71.