

On November 22, 2016, President Barack Obama awarded the 2016 Presidential Medals of Freedom. Among these was one to Richard L. Garwin, with the citation:

*“Richard Garwin is a polymath physicist who earned a Ph.D. under Enrico Fermi at age 21 and subsequently made pioneering contributions to U.S. defense and intelligence technologies, low-temperature and nuclear physics, detection of gravitational radiation, magnetic resonance imaging (MRI), computer systems, laser printing, and nuclear arms control and nonproliferation. He directed Applied Research at IBM’s Thomas J. Watson Research Center and taught at the University of Chicago, Columbia University, and Harvard University. The author of 500 technical papers and a winner of the National Medal of Science, Garwin holds 47 U.S. patents, and has advised numerous administrations.”*

Further information distributed by Dick Garwin to well-wishers follows:

Presidential Medal of Freedom URLs and info.,

### **Directly involving the 2016 Presidential Medal of Freedom:**

<https://www.aip.org/fyi/2016/physicist-and-science-adviser-richard-garwin-receives-presidential-medal-freedom>

If you want to watch the whole White House ceremony of 11/22/16 honoring 21 individuals with the PRESIDENTIAL MEDAL OF FREEDOM, one URL is as follows.

[https://www.youtube.com/watch?v=m\\_hsyHGsfAE](https://www.youtube.com/watch?v=m_hsyHGsfAE)

The YouTube video lasts 65 minutes; If you only want to watch the parts involving Garwin, you can go to about minute 10, and then again to minute 40.

<https://www.whitehouse.gov/photos-and-video/video/2016/11/22/president-obama-awards-presidential-medal-freedom>

<https://www.whitehouse.gov/campaign/medal-of-freedom>



Awarding of the Medal.JPG

### **Other perhaps useful information:**

The "Garwin Archive" of many of my publicly posted papers and publications (even Letters to the Editor that did not get published) is at [www.fas.org/RLG/](http://www.fas.org/RLG/).

More useful, even, is the knowledge that you can search this substantial archive without going there, but simply by putting into any Google search box,

`site:fas.org/RLG/ Fermi Teller`

to see what I have posted that includes the names of both of those great men. The search extends to the text as well as the titles, and can be used also as

`site:fas.org/RLG/ "air traffic control"`

Contrast this with what you get when you put into a Google search box

`Garwin "air traffic control"`

And, of course, you can use the qualifier "site:mil" to limit the search to the ".mil" domain. Or "site:edu" to limit the search to the ".edu" domain.

If you haven't practised this, it can be a revelation! Good hunting.