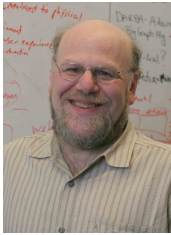


# James A. Hendler, PhD



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James Hendler is the Tetherless World Professor of Computer and Cognitive Science and the Head of the Computer Science Department at RPI. He is also a faculty affiliate of the Experimental Multimedia Performing Arts Center (EMPAC), serves as a Director of the UK's charitable Web Science Trust and is a visiting Professor of Computer Science at DeMontfort University in Leicester, UK. Hendler has authored about 200 technical papers in the areas of Semantic Web, artificial intelligence, agent-based computing and high performance processing. One of the inventors of the "Semantic Web," Hendler was the recipient of a 1995 Fulbright Foundation Fellowship, is a former member of the US Air Force Science Advisory Board, and is a Fellow of the American Association for Artificial Intelligence, the British Computer Society, the IEEE and the AAAS. He is also the former Chief Scientist of the Information Systems Office at the US Defense Advanced Research Projects Agency (DARPA) and was awarded a US Air Force Exceptional Civilian Service Medal in 2002. In 2010, Hendler was named one of the 20 most innovative professors in America by Playboy magazine and was selected as an "Internet Web Expert" by the US government. He is the Editor-in-Chief emeritus of IEEE Intelligent Systems and was the first computer scientist to serve on the Board of Reviewing Editors for Science. In 2012, he was one of the inaugural recipients of the Strata Conference "Big Data" awards for his work on large-scale open government data, and he is a columnist and associate editor of the *Big Data* journal.

## Selected Fellowships, Awards and Honors

- Invited Expert (Cyber Resiliency), World Economic Forum, Davos, Switzerland, 2013.
- Data Innovation Award – Open Data, Strata Data Conference Oct 2012, NY, NY.
- Guest Professor, Wuhan University, Wuhan, China, 2012.
- Fellow: AAI, 1999; British Computer Society, 2007; IEEE, 2009, AAAS 2012.
- "Honor Roll," *Playboy* magazine list of 20 most innovative professors in America, 10/2010.
- Trustee, Web Science Trust, 2010-pres.; Director, Web Science Research Initiative, 12/06 – 12/09.
- President, Semantic Web Science Association, 2008- 2011.
- Board of Reviewing Editors, *Science*; Editor-In-Chief, *IEEE Intelligent Systems*, 1/05-12/08.
- Robert Englemore Memorial Lecture Prize, American Assoc for Artificial Intelligence, 2005.
- Recipient, US Air Force Exceptional Civilian Service Medal, 10/02.
- Fulbright Fellowship, Senior Researcher to Israel, CIES/USIEF, 1995-1996.

## Publications

Author of 3 books, editor of 8 others and over 25 book chapters; editor of 10+ journal special issues

Author of more than 50 articles in reviewed journals and scientific publications, 100 articles in refereed conferences, and numerous other invited papers, reports, commentaries, etc

## Funding:

PI or Co-PI on over \$45 million in grants from US federal agencies, 1986-2012

Recipient of over \$2.5 million in Industrial gifts, 1986-2012

**A complete curriculum vita for Dr. Hendler is available from <http://www.cs.rpi.edu/~hendler>**