
2017 Spotlight Award

James Hendler

AMIA's Spotlight Award honors Jim Hendler in recognition of his visionary role in creating access to diverse content through semantic technologies and machine learning. The Spotlight Award was presented on May 4, 2017 in New York.



James Hendler

Jim Hendler is the Director of the Institute for Data Exploration and Applications and the Tetherless World Professor of Computer, Web and Cognitive Sciences at RPI. He also serves as a Director of the UK's charitable Web Science Trust. Hendler has authored over 350 books, technical papers and articles in the areas of Semantic Web, artificial intelligence, agent-based computing and high performance processing - his most recent book is *Social Machines: The coming collision of artificial intelligence, social networking and humanity*.

One of the originators 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 Association for the Advancement of 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.

Hendler is the first computer scientist to serve on the Board of Reviewing editors for Science, and is the former Editor-in-Chief of *IEEE Intelligent Systems*. 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. 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. In 2013, he was appointed as the Open Data Advisor to New York State, in 2015 appointed a member of the US Homeland Security Science and Technology Advisory Committee and in 2016, became a member of the National Academies Board on Research Data and Information.