

David Yaron

Professor at Carnegie Mellon University

Pittsburgh, PA, US

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Biography

David has been involved in development and assessment of new learning technologies for over two decades. He is primary author of the Open Learning Initiative (OLI) general chemistry course, which is designed for use in blended course environments that smoothly integrate online and in-person learning. He also heads the ChemCollective, which makes virtual laboratory activities freely available to classrooms around the world. His current research on learning examines the ways students learn chemistry and the degree to which blended course environments help close performance gaps for underserved populations. He also considers the use of machine learning in chemistry.

Industry Expertise

Laboratory Services, Research

Areas of Expertise

Materials Theory, Electronic Structure Theory, Theory, Computational, Machine Learning, Photophysics, Spectroscopy

Education

Harvard University:

Ph.D. Chemical Physics

Wilkes University

B.S. Chemistry

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