

Klaus E. Volpert, PhD

Associate Professor of Mathematics and Statistics | College of Arts and Sciences at Villanova University

Villanova , PA, US

Klaus E. Volpert, PhD is an expert in mathematics of finance and economics, pricing of financial derivatives, and pedagogy of mathematics.

Biography

Income inequality in the United States continually fluctuates, but the large gap between rich and poor remains. Dr. Volpert has done extensive research on the variation in income inequality and the mathematical causes behind its rise and fall. An expert source on applied mathematics at the intersection of finance and economics, he is also an authoritative voice on the ways in which teachers can help students understand and use mathematics.

Areas of Expertise

Mathematics of Income Inequality, Mathematics of Finance and Economics, Pricing of Financial Derivatives, Pedagogy of Mathematics, Differential Geometry, Algebraic Topology, Mathematics

Affiliations

Mathematics Association of America

Education

University of Oregon

PhD

University of Oregon

MS

University of Oregon

MS

Universität Konstanz

Vordiplom

Select Accomplishments

Mathematical Association of America's 2013 Halmos-Ford Writing Award

Awarded for article, "On the Mathematics of Income Inequality: Splitting the Gini Index in Two," co-authored with Robert T. Jantzen.

Crawford Award for Excellence in the Teaching of Mathematics

Regional section of the Mathematical Association of America, 2011.

Christian R. and Mary F. Lindback Award for Outstanding Teaching

2009 Villanova University's prestigious award annually recognizes a faculty member who excels in undergraduate teaching.

Founders Award for Service to the Graduate School of Arts and Sciences

Villanova University, 2006.

Bridgebuilder's Award from the Learning Support Services at Villanova University

Awarded in recognition of support of students with learning differences, 2005.

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