

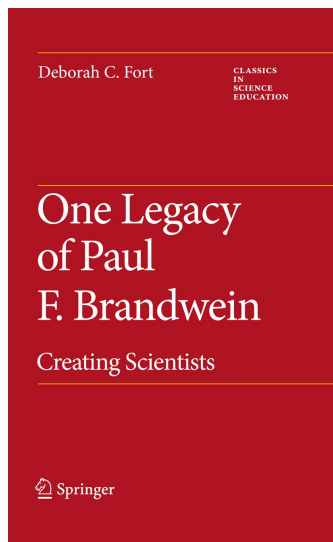
D.C. Fort, Washington, DC, USA

One Legacy of Paul F. Brandwein

Creating Scientists

This book includes a brief biography of Paul Brandwein, but its most vital contribution are the essays about Paul F. Brandwein's teaching that encouraged a number of the high school students he taught between 1944 and 1954 at Forest Hills High School in New York to become some of America's most important scientists. In addition to the individual essays, there are cross-sectional study of the surveys returned by the 29 "Brandwein alumni," located by Richard Lewontin, James Friend, the late Walter Rosen, and Deborah Fort over the years since Paul Brandwein's death in 1994. Creating Scientists might point the way to a replicable method that teachers (often, in addition, serving as mentors) could follow in encouraging their precollege students with a bent for science to choose to follow that inclination into postsecondary studies and eventually careers in science, mathematics, engineering, medical, and technical fields. "Once again, our nation has a powerful need for a revolution devoted to creating scientists. As we face the challenges of climate change, global competitiveness, biodiversity loss, energy needs, and dwindling food supplies, we find ourselves in a period where both scientific literacy and the pool of next-generation... *more on <http://springer.com/978-90-481-2527-2>*

► Essays about Paul F. Brandwein's teaching that encouraged a number of the high school students he taught between 1944 and 1954 at Forest Hills High School in New York to become some of America's most important scientists ► This volume points the way to a replicable method that teachers can follow in encouraging their pre-college students with a bent for science to choose to follow that inclination



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