

1116-D1-488

**Robert L Brabenec\*** (robert.brabenec@wheaton.edu). *Sonya Kovalevsky: The Rest of the Story.*

The standard story of the life of Sonya Kovalevsky is that she learned mathematics from calculus notes used as wallpaper in her childhood room, entered a nihilistic marriage to escape from Russia where women could not attend university, was tutored by Karl Weierstrass at his home in Berlin, and was given a teaching position in Sweden. The complete story is much richer including such things as: (1) extensive travel throughout Europe and acquaintance with many notable figures, including a lifetime friendship with Fyodor Dostoyevsky; (2) tireless efforts for the equal rights of women in social and scientific circles; (3) winning a coveted prize from the French Academy of Science and serving as editor of the *Acta Mathematica* journal; and (4) being a respected colleague of mathematicians as Mittag-Leffler, Hermite and Poincare, as well as a disseminator of Weierstrass's analysis results. Details of her personal struggles to find her place in a world reluctant to recognize her abilities add color to the story of this remarkable woman. At the time of her death at age 41, she had a 13 year old daughter, hope of a second marriage, and anticipation of a fulfilling career at the University of Stockholm. (Received September 03, 2015)