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James T Smith* (smith@sfsu.edu). *Mathematicians and the 1920 Polish-Soviet War*.

In 1918 World War I ended, the Polish Republic was born, and with it the Polish University of Warsaw. Its students included the future logician Alfred Tarski. This presentation is derived from a new Birkhäuser book about him, coauthored with Andrew and Joanna McFarland. Alfred's professors included Waclaw Sierpiński, Stefan Mazurkiewicz, and Stanisław Leśniewski. The atmosphere in their classes must have been electric. The Poles invaded deep into Soviet Russia in 1919/1920. The Red Army drove them back to the very gates of Warsaw in August, but then collapsed. Those professors played a vital role in that Miracle of the Vistula. This was evidently unknown to Alfred, but the excitement certainly influenced him. The presentation also discusses the wartime role of Alfred's future bride, Maria Witkowska. (Received September 08, 2014)