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Stephen Szydlik* (szydliks@uwosh.edu), Mathematics Department, University of Wisconsin Oshkosh, 800 Algoma Blvd., Oshkosh, WI 54901-8631. *You win some and you lose some: scoring a two-team cross-country race.*

Scoring a cross-country running race between two teams is straightforward: essentially, a team's score is determined by finding the sum of the placings of its runners, with the winner being the team with the lower score. This "standard scoring method" is hardly the only way that the winner could be chosen, however. In this presentation, we'll take explore alternative scoring methods, we'll consider some attractive properties that we would want a scoring method to possess, and we'll see connections to the mathematics of social choice. Runners and mathematicians (and especially running mathematicians) of all ages are welcome to attend. Lace up your shoes and join us! (Received June 28, 2017)