## Game Show: Friend or Foe



Picture source: Logo of Friend or Foe? Copyright Game Show Network

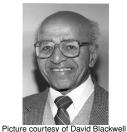
Contestants select whether he/she is a friend or a foe.

- If both choose friend, 50/50 split
- If both choose foe neither gets any money
- If one chooses friend and the other foe, then foe receives the entire trust fund and friend receives zero

Contestant 2: Friend Contestant 2: Foe Contestant 1: Friend \$7500//\$7500 0//\$15000 Contestant 1: Foe \$15000//0 0//0Activity from an article by William Butterworth and Paul Coe Friend or Foe

Sarah J. Greenwald - Appalachian State University

## David Blackwell and Game Theory Controversy



Basically, I'm not interested in doing research and I never have been... I'm interested in understanding, which is quite a different thing...

## David Blackwell and Game Theory Controversy



Picture courtesy of David Blackwell

Basically, I'm not interested in doing research and I never have been... I'm interested in understanding, which is quite a different thing... In fact, the situation with the Soviet Union has elements like this in it. To cooperate is to disarm and to double-cross is to re-arm with bigger and bigger weapons... So, when I saw that this led to an armaments race, so to speak, I realized I was not the one to come up with a satisfactory theory... [Albers & Alexanderson, 1985]

Sarah J. Greenwald - Appalachian State University

Friend or Foe

## Interdisciplinary Perspectives and Academic Subjects

• Cooperative/selfish strategies: Tragedy of the Commons

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- Ethics of what to work on
- Militarization of mathematics
- Prisoner's Dilemma
- Decision Matrices
- Game Theory
- Economics
- Business
- Environmental studies
- Psychology
- Statistics
- Mathematics
- Sports doping