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JOHNS HOPKINS  
BLOOMBERG  
SCHOOL *of* PUBLIC HEALTH

## Lecture 10a: Practice Problems

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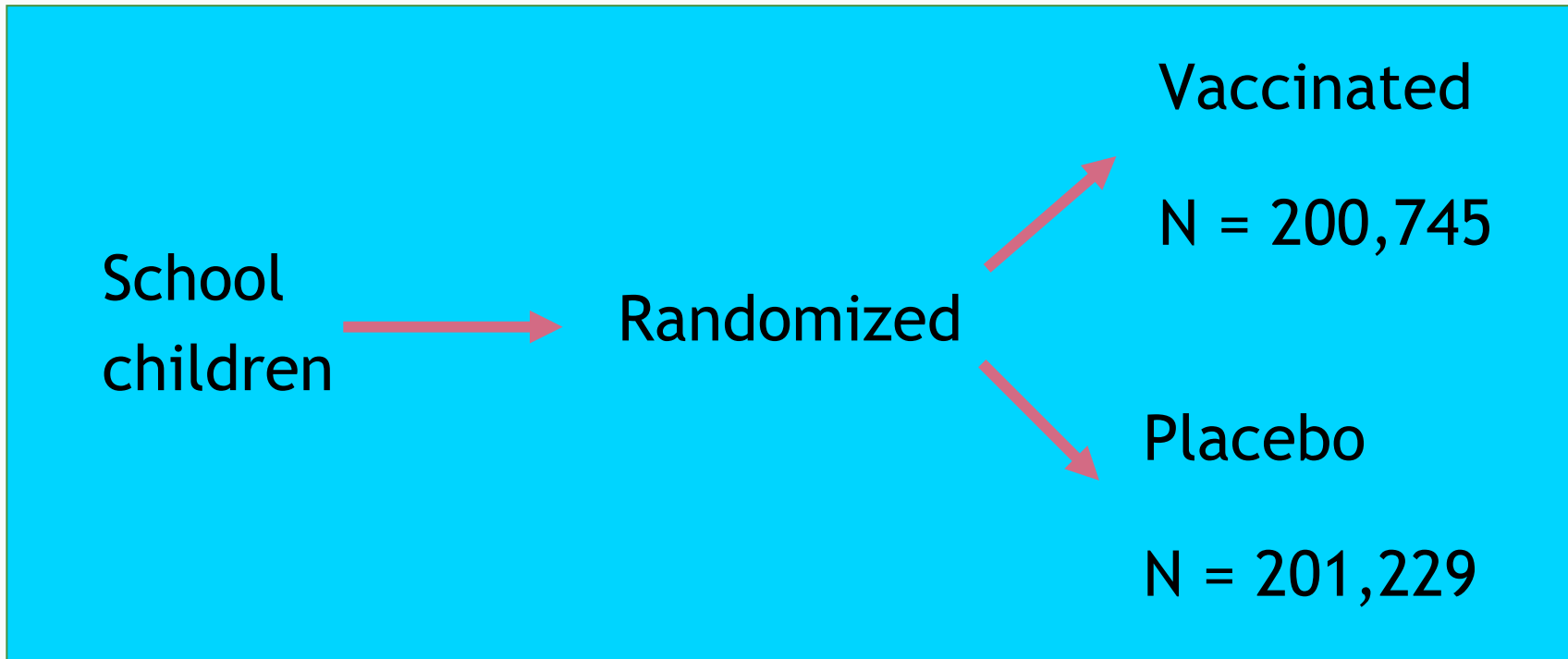
John McGready  
Johns Hopkins University

# Practice Problems

1. Can you explain confounding to a classmate or other acquaintance?  
Can you think of an example to help with your explanation?

# Practice Problems

2. Consider a large, randomized study such as the Salk polio vaccine trial



# Practice Problems

2. How does randomization help to ensure that the outcome/treatment group relationship observed is not confounded by any factors known or unknown? More specifically, what part of the necessary conditions for confounding does randomization eliminate?

## Practice Problems

3. Suppose a study were performed to assess the relationship between a diet choice (vegan, lacto-ovo vegetarian, neither) and cholesterol level. Subjects were not randomized to a dietary group. Before interpreting the relationship, can you name some potential factors for which it would be advisable to control?