

# Heredity

LO: Describe how traits are inherited.

SLE: Meet NGSS.

Introductory exercise:

- (1) Why are you like your parents?
- (2) Why are you not exactly like your parents?





Photo: Villanova University

# The Science Show

## Great Minds: Gregor Mendel



# Gregor Mendel – Notebook Questions

- (1) When and where did Mendel live?
- (2) Why did Mendel's monk-mates throw out his stuff after he died?
- (3) During Mendel's era, how did most people think that inheritance worked? (squirrel example)
- (4) How were the pea plant traits studied by Mendel different from most human traits?
- (5) When did the scientific community realize the importance of Mendel's work?
- (6) What problem with Mendel's work was noticed by Sir Ronald Fisher? What might explain this problem?

# Homework due Oct. 17

- Read pages 56-59 in your textbook.
- In your notebook...
  - Define the 5 **most important** terms you see.
  - Write down 1 question you have.