

## FERMILAB FACTS?

### True or False?

Enrico Fermi worked at Fermilab from 1950-1954.

T (F)

Classified research was conducted at Fermilab from 1950-1972.

T (F)

The Users Center has always been in the Village.

(T) F

Fermilab produces more antimatter than any other research facility in the world.

(T) F

Universities provide most of the funding for Fermilab's research program.

T (F)

The Education Office coordinates activities for the Lederman Science Center.

(T) F

The Arts Program at Fermilab dates back to 1970.

T (F)

### Fill in the Blank:

Who founded Fermilab? Robert Wilson

Which Illinois town was chosen for the 200 GeV accelerator? Weston

Which Fermilab director(s) wrote a book? Robert Wilson, Leon Lederman

What is FRA? Fermilab Research Alliance

What is the most powerful accelerator in the world? The Tevatron

Who is the chef at Chez Leon? Tita Jensen

### Multiple Choice:

1. Which Fermilab director directed two laboratories at the same time?

- a) Robert Wilson    b) Leon Lederman    c) John Peoples    d) Mike Witherell

2. Which of the following particles were discovered at Fermilab?

- a) charmed particle    b) bottom quark    c) W & Z bosons    d) top quark

3. How many Ph.D. theses have been published by graduate students at Fermilab?

- a) 1000    b) 1200    c) 1700    d) 2500

4. The Tevatron was previously called:

- a) the Super Proton Synchrotron  
b) the Main Ring  
c) the Energy Doubler  
d) the Dedicated Collider

\* 5. Which animal(s) have been brought to the Fermilab site?

- a) Canada Geese
- b) American Bison
- c) Mexican Coyotes
- d) White-tailed Deer

6. Which civil rights leader planned a march to Fermilab?

- a) Jesse Jackson
- b) Andrew Young
- c) Martin Luther King
- d) Nelson Mandela

7. Which of the following sports can legally be played at Fermilab?

- a) football
- b) volleyball
- c) soccer
- d) baseball
- e) basketball
- f) all of the above

**BONUS:**

8. Who is employee #12? Cynthia Sazama

\* 9. What is the energy of the Tevatron? 1.96 TeV Center of Mass or .98 TeV

10. Name a book written by a Fermilab director. The God Particle

## Accelerators: machines of nuclear physics

\* Some latitude was given for the answers to these questions. No one knew that Canada Geese were actually brought to Fermilab.

See <http://history.fnal.gov/wildlife.html#10>

We accepted 2 TeV and almost 2 TeV center of mass and almost 1 TeV for the beam of particles.