



THE Nobel Prize

Richard Heck, Willis F. Harrington Professor Emeritus at UD, won the 2010 Nobel Prize in Chemistry. Test your knowledge of science's most prestigious prize, and Prof. Heck's winning contributions.

THE NOBEL MEDAL FOR CHEMISTRY

The medal depicts Nature in the form of a goddess resembling Isis, emerging from the clouds and holding a cornucopia. The veil covering her face is held up by the Genius of Science.

The inscription, taken from Virgil's *Aeneid*, reads: *Inventas vitam juvat excoluisse per artes*. Loosely translated, it means: "And they who bettered life on earth by their newly found mastery."



1 The Nobel Prize was established by Alfred Nobel. Who was he?

- A. Austrian philosopher
- B. Inventor of dynamite
- C. Scandinavian king

2 When was the first Nobel Prize awarded?

- A. 1780 B. 1865 C. 1901

3 How many individuals have received the Nobel Prize in Chemistry?

- A. 502 B. 159 C. 300

4 Who was the first woman to win the Nobel Prize in Chemistry?

- A. Margaret Sanger
- B. Rosalind Franklin
- C. Marie Curie

5 Where was UD Nobel Laureate Richard Heck born?

- A. Delaware
- B. Massachusetts
- C. Oregon

6 What does a Nobel Laureate traditionally receive?

- A. Laurel wreath
- B. 21-gun salute
- C. Medal

7 Which major area of science among those listed did Heck's discoveries revolutionize?

- A. Pharmaceutical science
- B. Anthropology
- C. Food science

8 Nobel Prizes are awarded in six areas. Can you identify the correct one below?

- A. Economics
- B. Mathematics
- C. Computer science

9 Where did Richard Heck receive the 2010 Nobel Prize in Chemistry?

- A. Oslo
- B. Stockholm
- C. Copenhagen

10 Heck got carbon molecules to link up through a chemical reaction activated by what element?

- A. palladium B. oxygen C. iron

ANSWER KEY

1-B; 2-C; 3-B; 4-C; 5-B; 6-C; 7-A; 8-A; 9-B; 10-A