

RE: Sunday 60 Minutes piece on Dr. Stowe
<http://www.thestowefoundation.org/>

Subject: Stowe dual Ph.D.

Below is a brief explanation of one of the points they chose to distort, e.g. one vs. two Ph.D.s <http://www.thestowefoundation.org/>

60 Minutes made a point that Dr. Stowe only has "one Ph.D. and that is in chemical engineering".

FACT: His PhD was earned from the department of Chemical Engineering and Biomolecular Engineering at University of Illinois. This is a **dual study program**.
<http://chbe.illinois.edu/>

The title of his dissertation was: The Dynamic Solubilization of Oleic Acid.

It described the mass transfer of fats across the water layer that coats the intestinal tract. It is actually quite complex as fats are not soluble in water and normal mass transfer equations across semi-permeable membranes do not apply. His thesis established a new theory about mass transfer of fats using surfactants, which in the case of the human intestinal tract are bile salts. Two years after the publication of 4 papers that came from his PhD, the University of Minnesota filmed his theory in real time and the hypothesis moved from theory to mainstream science.

In contrast to University of Illinois, Iowa State, where he did his undergraduate and masters programs, has a department of Chemical Engineering and Department of Biomedical Engineering. One has to enroll in two separate departments and get two certificates. Dr. Stowe's Ph.D. is from a dual study program and Sixty Minutes is distorting this as well as other facts when they call it the UI program the department of Chemical Engineering; The University refers to it as a combined program.