

“Introduction to Human Thermodynamics”

(with application to bioengineering)

University (name) | Class # | Room # | 9:30-10:30 AM | Tue | 13 Apr 2010

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Abstract

The speaker will present an overview of the scientific and engineering basis of human thermodynamics with application to bioengineering thermodynamics and humanities sciences.

A short introduction of the speaker

Thims has been actively researching on the subject of how the universal science of thermodynamics applies to human existence over the last fifteen years; an effort which began in 1995, as chemical engineering student at the University of Michigan, where he began to speculate on how the sciences of evolutionary psychology, which explains human behavior, and chemical thermodynamics, which explains chemical behavior, could be unified.

A precipitate of this effort has been the publication of the world's first teaching textbook on the human chemistry (2007), a subject defined as the study of reactions between people; the first historical book on the subject of the 'human molecule' (2008), a term used over the last 140-years to describe a human being abstractly from a chemical point of view; and the multi-volume, 1,300+ article, online *Encyclopedia of Human Thermodynamics*, a cataloging of the theories, terms, and biographies of the 300+ people to have written on human thermodynamics, of which the majority of the top authors, researchers, and professors are site members.

Thims is also the senior editor of the *Journal of Human Thermodynamics*, a publication dedicated to the presentation of topics, theory, and reviews on subjects in the field of human thermodynamics; and he is host of the monthly educational YouTube channel *Human Chemistry 101*, where he gives short (5-min to 60-min) lectures on topics in human chemistry and human thermodynamics. Thims' most recent work is a chapter "Thermodynamic Philosophy of Evolution" in the soon-to-be published, sixteen-author, book *The Philosophy of Evolution* (2010) by Yash Publishing House, Bikaner; a derivative of which an international seminar on "Consciousness, Evolution, and Entropy" is being currently proposed, with the active cooperation of collaboration of a University and sponsors in India, under the direction of plant physiology professor Arvind Purohit at SK Rajasthan Agricultural University Bikaner.

A long-standing objective for Thims is to write the first teaching textbook on human thermodynamics and to see that the subject becomes taught in American universities, in both the humanities departments and the engineering departments, as it is in other countries, such as Germany.