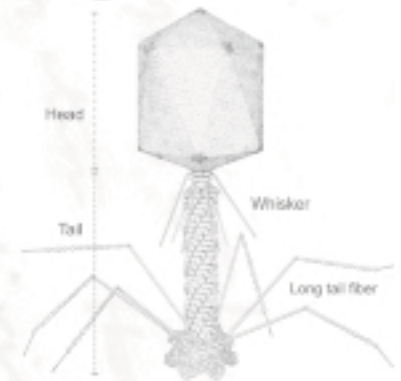


96

# MCB 5471:

## Current Topics in Molecular Evolution: Evolution through Genetic Exchange

**SPRING 2015**  
**1 credit**



**Time:** Mondays 11am  
**First Meeting:** Monday, 1/26/2015 at 11 am  
**Instructor:** J. Peter Gogarten (MCB)  
**Where:** BP 201

**(Note: This is different from the old peoplesoft listing)**

This semester the course will focus on "Evolution through Genetic Exchange". Most reading materials will be articles from Nature Reviews in Microbiology and Nature Reviews in Genetics. Topics will range from *Symbiosis*, *the Black Queen Hypothesis* and *Evolution of the Holobiont* to the *transfer of adaptive genes between multicellular eukaryotes* (e.g. antifreeze proteins in fish) and *archaic admixtures and introgression in human evolution*.

A very preliminary syllabus is available at <http://gogarten.uconn.edu>.

Students are expected to present on at least one chapter or journal article.

