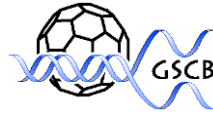


RUHR-UNIVERSITÄT BOCHUM  
Fakultät für Chemie und Biochemie



RUB



## Interdisciplinary Lecture Series Gemeinsames Kolloquium – Sommersemester 2016

**Thursday, 30.06.2016  
17:15 h, Lecture Hall HNC 30**

### **Prof. Dr. Teresa Head-Gordon**

Departments of Chemistry, Bioengineering, and  
Chemical Biomolecular Engineering  
University of California, Berkeley, CA, U.S.A.

## **Statistical Fluctuations, Dynamics, and De Novo Enzyme Catalysis**

My talk will describe our recent theoretical developments in methods and models in quantifying protein statistical and dynamical motions and their influence on catalytic performance of *de novo* enzymes and the possibility of incorporating fluctuations and dynamics into the early stages of enzyme design.

Gäste sind herzlich willkommen – Guests are most welcome!