

The Department of Biochemistry, Molecular Biology & Biophysics  
presents

# 14<sup>th</sup> Bollum Symposium

in honor of the

## Minnesota NMR Center Grand Opening



Wednesday May 23, 2012

10:30 am - 5:00 pm

Mayo Auditorium

*please register at*

*[www.cbs.umn.edu/bmbb/symposium2012](http://www.cbs.umn.edu/bmbb/symposium2012)*



## Structure, Motion, Biomarkers: Discovery through NMR

NMR lab design and applications 10:30 - 11:30 am

Lunch and Posters 11:30 am - 1:00 pm

Featured Lectures from 1:00 - 5:00 pm by

**Prof Dorothee Kern** Brandeis University

*Choreographing an enzyme's dance- dynamics during catalysis*

**Prof Jeremy K Nicholson** Imperial College, London

*Spectroscopy and Stratified Medicine: Getting Systems Biology into the Clinic*

**Prof Chad M Rienstra** University of Illinois

*Taking solid-state NMR to extremes: membrane proteins, fibrils, new methods*

**Prof Gerhard Wagner** Harvard University

*New NMR experiments for challenging proteins*

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Wilmad-Labglass, Kelly Moran in loving memory of Tom Moran (1964 - 2012)*