

**POSTDOCTORAL POSITION(S) IN NMR SPECTROSCOPY,
BIOPHYSICS, AND ADVANCED MD COMPUTATION IN RNA**

LABORATORY OF CHARLES HOOGSTRATEN

MICHIGAN STATE UNIVERSITY, EAST LANSING

One or more NSF-funded postdoc positions are available in the Hoogstraten lab at Michigan State to study the biophysics of RNA recognition and tertiary interface formation. Depending on interest and experience, projects will involve some combination of:

- NMR spin relaxation and CEST analyses of functional minor conformations (“invisible states”) in RNA recognition and catalysis;
- Biochemical and biochemical analyses of RNA structure-dynamics-function relationships; and
- In collaboration with the group of Prof. Michael Feig, advanced molecular dynamics techniques as applied to low-probability sampling and tertiary interface formation.

Please contact Dr. Charles Hoogstraten at hoogstr3@msu.edu for details and application procedures.