Postdoc position available in the Perez Lab, University of Florida

The Perez lab is looking for a talented postdoctoral fellow to work in problems of molecular recognition including protein-DNA interactions and protein folding/structure prediction. The position is initially for a year, renewable for a second one funded through the UF Chemistry startup.

Required qualifications
- Experience with Molecular dynamics simulations of proteins and/or nucleic acids.
- Experience with Python scripting/programming.
- Desire and ability to work towards open source tools – we currently help in the development of the MELD plugin for OpenMM.
- Good teamwork, communication and presentation skills.

Additional qualifications (not required)
- Knowledge of Markov State Models and software (e.g. PyEmma, MSMBuilder,…).
- Familiar with force fields/force field development.
- Familiarity with OpenMM or Amber MD packages.
- Interested in machine learning.

Appointment
> The initial appointment is for one year, with the possibility of renewal.
> Applications will be reviewed on a rolling basis and open until filled.

Application
> Interested candidates should send an email to: perez@chem.ufl.edu with the subject "postdoc application". The application should have:
- A one page cover letter with motivation, highlight of accomplishments and alignment with the advertised position.
- A Curriculum Vitae including publications and contact information for two references.