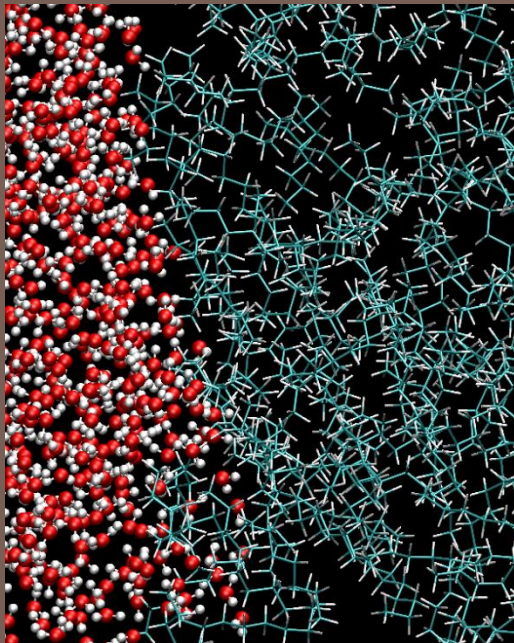


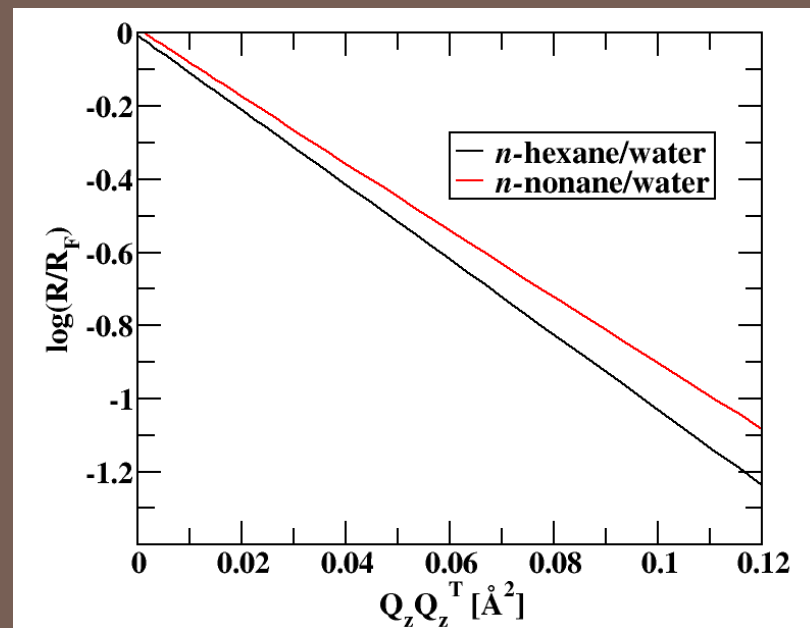
Computational investigation of the effect of *n*-alkane chain length on the alkane/water interfacial width

Collin D. Wick, Louisiana Tech University,
Ruston, LA

Alkane	Interfacial Width
<i>n</i> -hexane	3.15 Å
<i>n</i> -nonane	2.90 Å



Scaled X-ray Reflectivity



Direct comparisons with x-ray reflectivity experiments were made. Computational results show that alkane interfacial width increases with longer alkanes, in contrast to experiment.

