

OKLAHOMA STATE UNIVERSITY

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MICROBIOLOGY & MOLECULAR GENETICS
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“OSU Advanced FT-IR User Facility: Open New Opportunities for Multi-disciplinary Research & Education”

The OSU Advanced FT-IR User Facility, jointly funded by NSF MRI and OSU, will soon open its door to researchers. Unlike X-ray crystallography and NMR spectroscopies, the research capabilities of infrared structural biology and infrared imaging are not so familiar to many prospective users. In this talk, I will give an overview of this highly integrated state-of-the-art FT-IR system, the rapid growing possibilities for addressing biological questions using infrared approaches, and will discuss specific examples of how different FT-IR technologies are applied to solve biological problems. In addition, I will address different platforms for project exploration and user training.

MONDAY
September 29, 2014
348B Nobel Research Center
3:30 - 4:30 pm