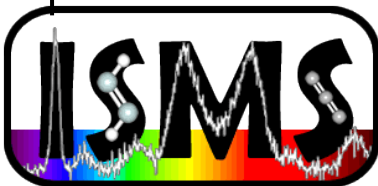


UNDERGRADUATE MOLECULAR SPECTROSCOPY APPROACHES IN RESEARCH AND TEACHING AS AN EXPERIENTIAL LEARNING ENTERPRISE AT MISSOURI S&T

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Flash Talk

- Change the stigma that spectroscopy doesn't have to be "hard", but it can be "rewarding"
- Undergraduates can contribute and have contributed in very meaningful ways at Missouri S&T (does not simply need to be a "labor of love")
- "Spectroscopy is about people"
- We have utilized university programs like FYRE and OURE in order to populate the lab with undergraduates and garner interest. It is then up to us to keep them interested
- Use tools students can easily and/or freely obtain to help them succeed in their research
- Using curiosity in space and Mars are good ways to teach and show students they can contribute to bigger things with spectroscopy

