

## Featured Speaker Mollie Jewett, Ph.D.

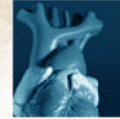


Mollie Winfield Jewett is an assistant professor at the UCF College of Medicine's Burnett School of Biomedical Sciences. She received her Ph.D. from Washington University in St. Louis, MO and her B.A. with honors in biology/chemistry from Skidmore College, in Saratoga Springs, NY.

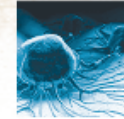
As a post-doctoral fellow, she worked at Rocky Mountain Labs in Hamilton, MT, where she studied the role of specific genes in the infectious cycle of *Borrelia burgdorferi*, the bacteria that causes Lyme disease.

Before entering graduate school, Dr. Jewett was the recipient of a Fulbright Scholarship to study for one year in the Philippines.

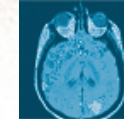
The recipient of a National Institute of Allergy and Infectious Diseases Career Transition Award, Dr. Jewett's work has been published in multiple high impact journals, including the Proceedings of the National Academy of Sciences, PLoS Genetics, the Journal of Biological Chemistry, and Molecular Microbiology. This year she was an inaugural recipient of the UCF College of Medicine's competitive research grant for her work on Lyme disease.



CARDIOVASCULAR  
DISEASES



CANCER



NEURODEGENERATIVE  
DISEASES



INFECTIOUS  
DISEASES

## LUMINARY SERIES

Burnett School of Biomedical Sciences | College of Medicine



MOLLIE JEWETT, PH.D.  
*presents*

DIAGNOSING *Lyme* IN 'THE NICK OF TIME

PRESENTED BY



**MOLLIE JEWETT, PH.D.**

*presents*

## **DIAGNOSING *Lyme* IN THE NICK OF TIME**

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Lyme disease is on the rise nationwide, yet current diagnostic tests are subjective and often inconclusive. That means sufferers can go untreated - increasing their chances for lifelong complications.

As an infectious disease researcher, Mollie Jewett, Ph.D., focuses on developing new methods to improve early diagnosis of Lyme disease. The disease results from a bacterial infection spread through the bite of a blacklegged tick, but because the ticks are so tiny, many sufferers never notice they have been bitten.

Lyme disease has been reported in almost every state. Tick bites and infection can occur when people are participating in popular outdoor activities, including gardening, hunting and hiking. You also can get Lyme disease from walking in high grasses or having a pet that may carry ticks.

Dr. Jewett, a microbiologist, is working to identify disease-causing genes in *Borrelia burgdorferi*, the bacteria that causes Lyme disease. These genes allow the bacteria to grow and survive. By identifying them, Dr. Jewett hopes to develop improved methods for diagnosing and treating the disease.

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**WEDNESDAY, FEBRUARY 6, 2013**

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**5:30 p.m.**

**HORS D'OEUVRES AND COCKTAILS**

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**6:30 p.m.**

**WELCOME**

**SPEAKER**

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**7:30 p.m.**

**CLOSING REMARKS**

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**INTERLACHEN COUNTRY CLUB**

2245 Interlachen Court

Winter Park, FL 32792

**RSVP BY FEBRUARY 4**

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