



# METALLAGRAM

LONG ISLAND CHAPTER



Volume 58 Issue 4

Chapter website: <http://www.matscieng.sunysb.edu/asm/>

**Next Meeting . . . . . Wednesday, December 14, 2016**

**Where . . . . . Pollo Rico Latin Bistro, Centereach, NY**

**\*\*\*\*\* Companions Night \*\*\*\*\***

**Topic: Plum Island and the Mission to Protect our  
Country's Livestock from Disease**

**Speaker: Dr. Paul Lawrence, DHS-S&T**

***Social hour ... 6:00 pm Dinner ... 7:00 pm Meeting ... 8:00 pm***

***Members ... \$25    Guests ... \$27    Students ... \$15***

***(New and recently transferred-in members free)***

***Reservations appreciated – call Peter Indrigo at 631-589-6666***

## **Directions to Pollo Rico Latin Bistro**

Pollo Rico is located at 2435 Middle Country Road (Rte. 25), Centereach. Probably the simplest way to get there from the LIE is to take Exit 62 (Nicolls Road) and go north on CR 97 (towards Stony Brook). Continue north for about 3 miles then take the exit to Rte. 25. At the traffic signals at the end of the ramp go left and head west (Smithtown). The restaurant will appear after about 1.5 miles, on the right side of the highway. Their telephone number is 631-471-0585. Their website is: <http://www.polloricolatinbistro.com/>

## The Talk

The mission of the Plum Island Animal Disease Center (PIADC) is to strengthen American security and resilience by protecting U.S. Livestock from the accidental or intentional introduction of foreign animal diseases that can seriously threaten livestock industries, food security and our economy. The Center, which went operational circa 1955 under the auspices of the US Department of Agriculture, is located on an 840 acre island about 1 ½ miles off of Orient Point Long Island. In 2003, responsibilities for island ownership, operations, and vaccine development were transferred to the US Department of Homeland Security. The Plum Island mission is scheduled to transfer to a new facility, the National Bio and Agro-Defense Facility (NBAF), being built in Manhattan, Kansas. This talk will provide an overview of the PIADC mission and operations.

## Our Speaker

Dr. Paul Lawrence is one of the most recent additions to the senior research leadership of the Agricultural Research Service at PIADC, starting as a Senior Research Microbiologist in 2015. In that role, he has established a new research group at PIADC, investigating new aspects of virus replication that have not been previously addressed with the viruses studied there. Prior to accepting the position at PIADC, Dr. Lawrence served as the Director of DNA Production for a local biotechnology company in Stony Brook called Applied DNA Sciences, Inc., which uses a form of "reverse forensics" to combat counterfeiting. Before that, he worked at PIADC as a research fellow working on various projects that contributed to the current understanding of virus molecular pathogenesis. He also conducted research for two different contract biopharmaceutical and cosmeceutical companies on Long Island. Dr. Lawrence received his Ph.D in molecular genetics and microbiology from Stony Brook University and his Bachelors of Science in biology from the University of New Mexico. He has authored multiple scientific publications including a recent textbook chapter on how the foot-and-mouth disease virus interacts with a host organism on the cellular level.

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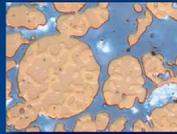
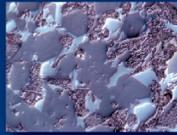
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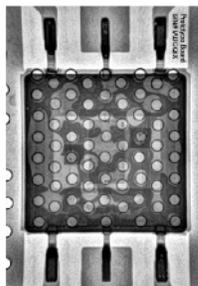
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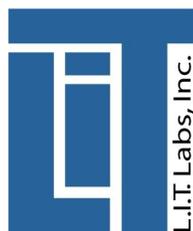


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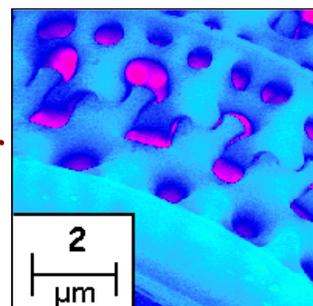
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**Long Island Chapter Meeting Schedule**

Jan. 18, 2017 Joint Meeting with LIANS  
Topic, Speaker: tbd  
Location: Pollo Rico, Centereach, NY

Feb. 15, 2017 Past Chairs Night  
Topic, Speaker: tbd  
Location: Pollo Rico, Centereach, NY

**Metro NY-NJ Chapter**  
<http://www.asminternational.org/web/metro-nynj-chapter/home>

No meetings in December 2016 and January 2017.