



# The Chick Papers

A Monthly Newsletter from the Georgia Poultry Laboratory

June 2017

## Diorama Update: The NPIP 14 Points of Biosecurity

By Jeff Spivey

The GPLN industrial diorama is progressing nicely. Under the guidance of Dr. Zavala and through the efforts of Freddie Smith, Bob Wheeler and myself, GPLN has incorporated the NPIP 14 Principles of Biosecurity Program into the diorama. The NPIP 14 Principles of Biosecurity Program is designed to protect the poultry industry from outbreaks of highly pathogenic avian influenza.

The GPLN laboratory in Gainesville was designed, in part, to educate the public via tours of the facility. The diorama complements tours of GPLN by denoting the collaboration between the industry and the laboratory. In addition, the diorama provides a detailed aspect to the vertically integrated nature of the industry in a manner which is visually stimulating. The educational strength of the diorama is that it allows a visitor of any level to identify with a particular aspect of the landscape while mentally connecting them to the impact the poultry industry has on their lives. The visitor has the ability, regardless of knowledge level, to trace the industry as it moves from primary breeders to pullets to breeder houses to hatcheries to broiler houses to processing plants. Table egg layers are also incorporated within the diorama, as well as the omnipresent need for feed and feed services.

GPLN hopes to educate both the industry and the general public concerning the seriousness of biosecurity by incorporating the NPIP 14 Principles of Biosecurity Program into the diorama. Through a series of lighting features on the diorama, we have the ability to bring attention to a specific area of the diorama concerning each one of the 14 principles. The NPIP 14 Principles of Biosecurity Program concerns: defining a biosecurity coordinator, training company/non-company personnel, developing a line of separation (LOS), establishing a perimeter buffer area (PBA), movement of personnel entering the LOS or PBA, controlling wild birds/insects/rodents, cleaning/disinfecting equipment, mortality disposal, manure/litter management, replacement poultry, water supply, feed and replacement litter (bedding material), reporting elevated morbidity/mortality and auditing. For example, a gate leading into a farm can be highlighted to specifically address a biosecurity concern about the perimeter buffer area (PBA). Point by point, GPLN can highlight, define and explain the program in a manner that is rare and unique. This effort will serve to further educate the industry and the public about the need for enhanced biosecurity within the poultry industry.



## Tours and Visitors

- June 1: Remel tour
- June 6: Stormwater Workshop and tour
- June 7: USA Poultry and Egg Export Council tour
- June 9: Department of Labor tour
- June 20-21: USDA Scrapie Training Workshop
- June 23: Office of Planning and Budgets tour
- June 23: UGA Young Scholars tour
- June 27: MAM students tour
- June 29: YMCA Summer Program tour



OPB tour on June 23.



UGA Young Scholars toured the lab on June 23.



Dr. Zavala met with USAPEEC on June 7.



USDA Scrapie Training Workshop on June 20-21.

## Model Update

The diorama is making great progress! We now have the NPIP 14 Principles of Biosecurity checkpoints installed and working—each checkpoint is indicated by a green light. New features and details on the diorama are emerging every day. If you have not seen the diorama yet, please feel free to schedule a tour!



NPIP biosecurity checkpoint highlighting replacement litter produced at the sawmill.



NPIP biosecurity checkpoints illustrating water supply, rodent control and manure/litter management.



The detail on the diorama is incredible—even construction sites are included!