

# The Chick Papers

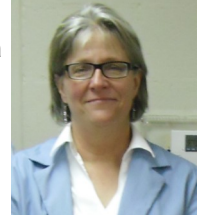
A Monthly Newsletter from the Georgia Poultry Laboratory



October 2013

## Georgia Titters for Reovirus

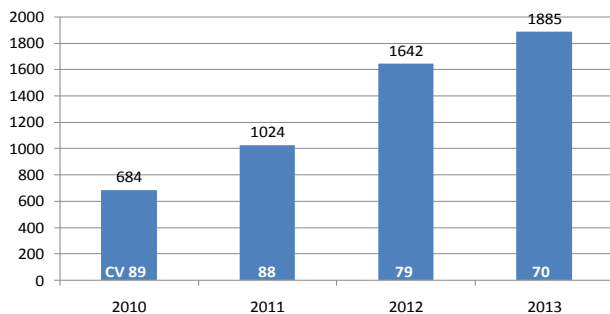
by Dr. Louise Dufour-Zavala



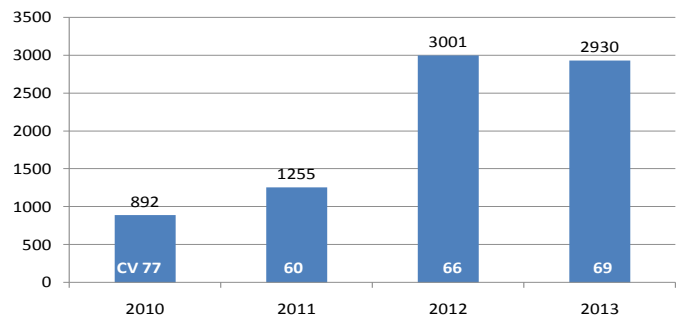
REO titers for the last 4 years in GA

We have observed an increase in reovirus associated field problems in GA breeders and broilers, and have isolated many different reoviruses from birds affected with tenosynovitis. Some companies started vaccinating their breeders with autogenous reovirus vaccines over the last few months, as the regular vaccines did not protect against the new field strains of reovirus. Coinciding with the publication of the biennial GA titer report, we decided to look at reovirus titers over time in broilers and breeders. As predicted, all titers are on the increase reflecting field challenge in breeders and broilers and/or hyperimmunization of the breeders.

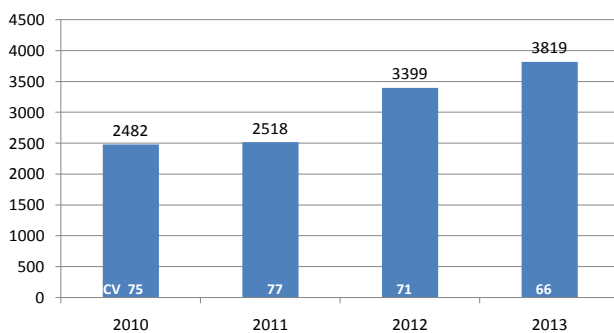
### GA Day old REO titers in Broilers



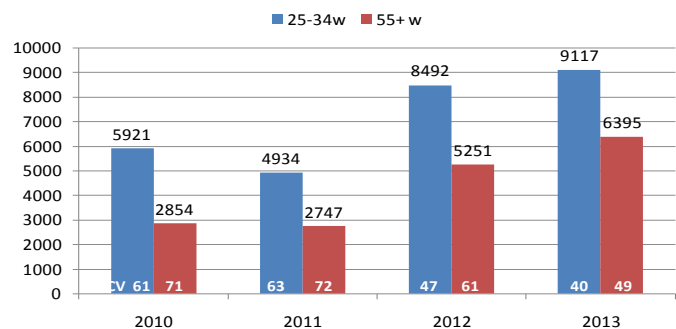
### GA Broiler REO titers at 35-65 days



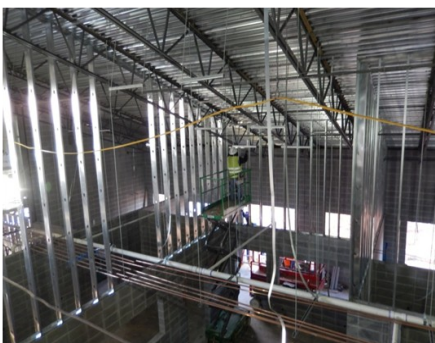
### GA Day old REO titers in Breeders



### GA Breeder REO titers Beginning and End of Lay



**The New Laboratory Construction:** During the month of October, the lab outer walls became visible and inner walls erected. The air conditioning duct work is being installed and the plumbers are busy installing thousands of feet of piping. The roofing installation was also started in October.



## Tours and Visitors:

- **Chilean and New Zealand Veterinarians Spend a Week at GPLN** For the third week of October, the Oakwood Lab had observers from Chile and New Zealand. Dr. Giuliana Bernardi is employed by the diagnostic lab of Pacificvet Ltd. and Dr. Sofia C. Egaña, is a veterinarian for the Laboratorio de Patología, Aviar, University of Chile. She is involved with necropsy, PCR, avian nutritional assays and research. Carolina Toledo is a fifth year DVM student in Chile. Carolina's interests are in Mycoplasma PCR. The guests really enjoyed their week at GPLN. They were very impressed by how open we are to share our knowledge and experience with them. Between Dr. Davis showing them unusual cases, egg testing, two field visits, plus the PCR, Salmonella, foaming and serology training and demos all in the same week. Their week was quite intense!!!!.

## GPLN Professional Activities:

- **GPLN Employees Help Staff Poultry World:** Dr. Doug Anderson, Zakia Wilson, Tavoris Wallace, Kristina Ashton, and Len Chappell attended the Georgia National Fair in Perry, Georgia.
- **GPLN Attends 2013 Meeting on Poultry Health, Processing and Live Production, :sponsored by Delmarva Poultry Industry, Inc.** Oct 7-9, Dr. Ben Johnson represented GPLN in Ocean City, MD on a series of presentations related to general poultry health. There were very interesting discussions on REO, IBV, AI in Mexico, robotics/DFM action, animal welfare, and gastrointestinal histology.
- **During October, Dr. Anderson & James Brantley attended the Sunbelt Expo and Ocilla Sweet Potato Festival.** Dr. Anderson also spoke at the Forsyth County Backyard and Beyond event on tips in raising backyard flocks.
- **GPLN Employees Attend USAHA/AAVLD Meetings in CA:** Oct 17-23, Brenda Glidewell and Dr. Doug Waltman attended the USAHA/AAVLD meeting in San Diego, Ca. Dr. Waltman chaired the Salmonella Committee and Brenda attended Quality related meetings, among other activities.



(l-r) Dr. Giuliana Bernardi, Dr. Ben Johnson, Carolina Toledo, Dr. Louise Dufour-Zavala, and Dr. Sofia Egaña

## GPLN Employee Events:

- **Kevin Smith and Jessi Kimbrell Sing:** Jessi Kimbrell and Kevin Smith shared their singing talents at the Grand Opening Ceremonies of "Signs by Tomorrow". Many well known country and gospel songs were enjoyed by the visitors at the grand opening ceremony.
- **59 Year Employee Receives Commemorative Shovel:** Radford Murphy, a GPLN employee of 59 years received one of the few groundbreaking shovels for the new GPLN Laboratory.
- **Health Awareness Day Was "A Shot in the Arm" to GPLN Employees:** On October 7, 2013, GPLN staff attended a program from North Georgia Health Systems (NGHS) and receive influenza vaccinations, courtesy of GPLN. Leslie Davis (NGHS Wellness Program Director) and Rita Singleton (NGHS Wellness Program manager) presented a seminar entitled "Healthy Living".
- **Oakwood Lab Enjoy Halloween Luncheon:** The food was plentiful and the costumes abounded as the lab assembled for lunch on Oct. 31 for the annual Halloween party. Most creative costume winner was Gwen Waters and the cutest costume award went to Jessi Kimbrell



Kevin Smith

Jessi Kimbrell



(l-r) Dr. Louise Dufour-Zavala, Radford Murphy, Freddie Smith



(l-r) Mike Giles, Jessi Kimbrell, Gwen Waters, Donna Jones, Stephanie McCall, Selena York, Kathleen Exley, Abit Massey