



The University of Georgia
College of Veterinary Medicine



TIFTON VETERINARY DIAGNOSTIC AND INVESTIGATIONAL LABORATORY

supported by the Georgia Department of Agriculture





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College of Veterinary Medicine



TIFTON VETERINARY DIAGNOSTIC AND INVESTIGATIONAL LABORATORY

Mission

Provide prompt, accurate, comprehensive diagnostic service and consultation to veterinary practitioners, livestock producers, companion animal owners, wildlife conservationists, scientists, and state and federal regulatory agencies





TIFTON VETERINARY DIAGNOSTIC AND INVESTIGATIONAL LABORATORY

Purpose

Ensure the safety of the food supply and health of production, equine and companion animals within the State of Georgia through animal disease diagnosis, surveillance, research and educational outreach



TIFTON STATE VETERINARY DIAGNOSTIC LABORATORY

- Tifton lab is a member lab in NAHLN
- AAVLD accredited through 2012
- Accessioned over 37,536 cases and conducted over 78,072 tests in FY2010





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Tifton Facilities

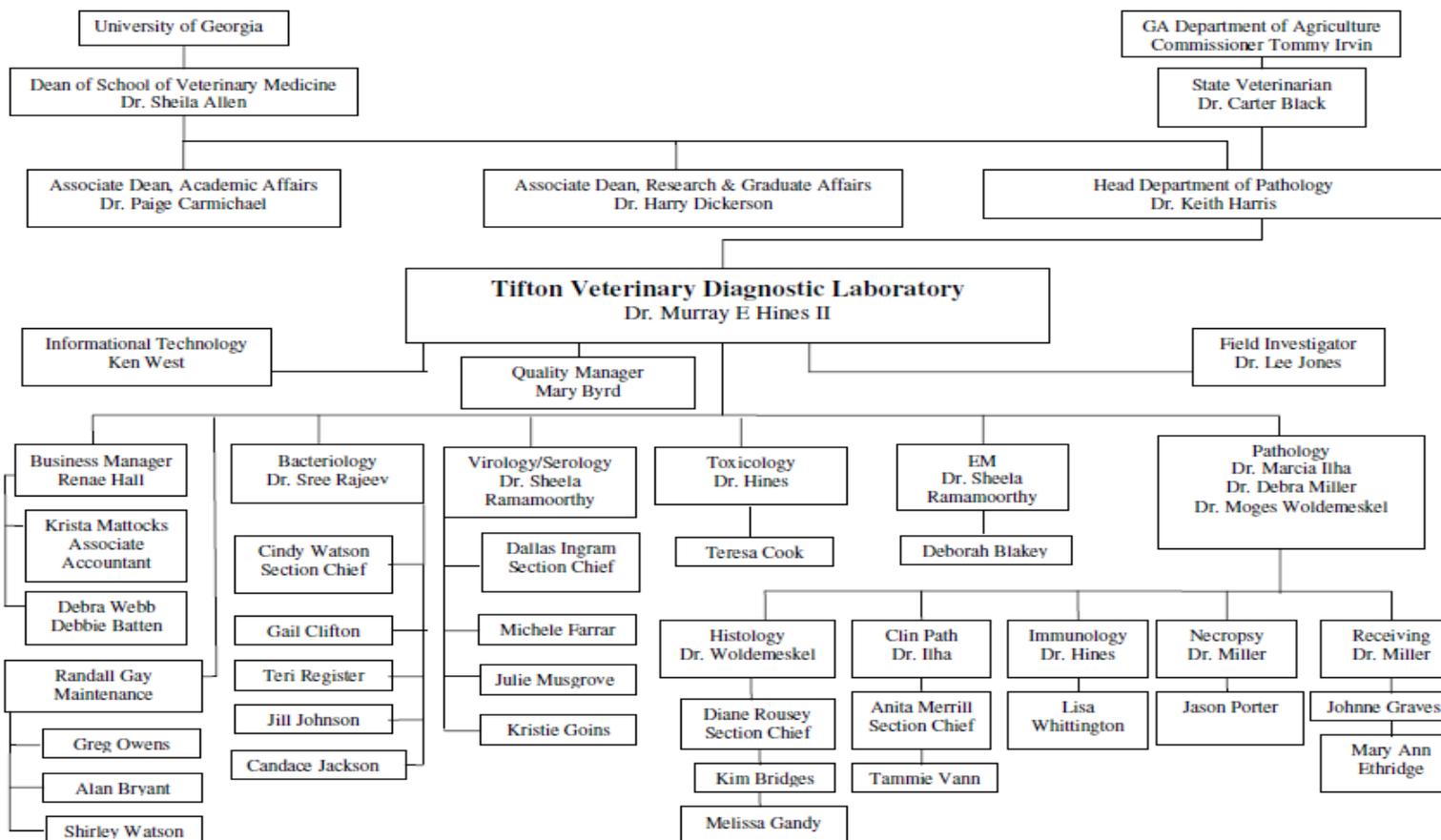




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Organization Chart for Tifton Veterinary Diagnostic Laboratory



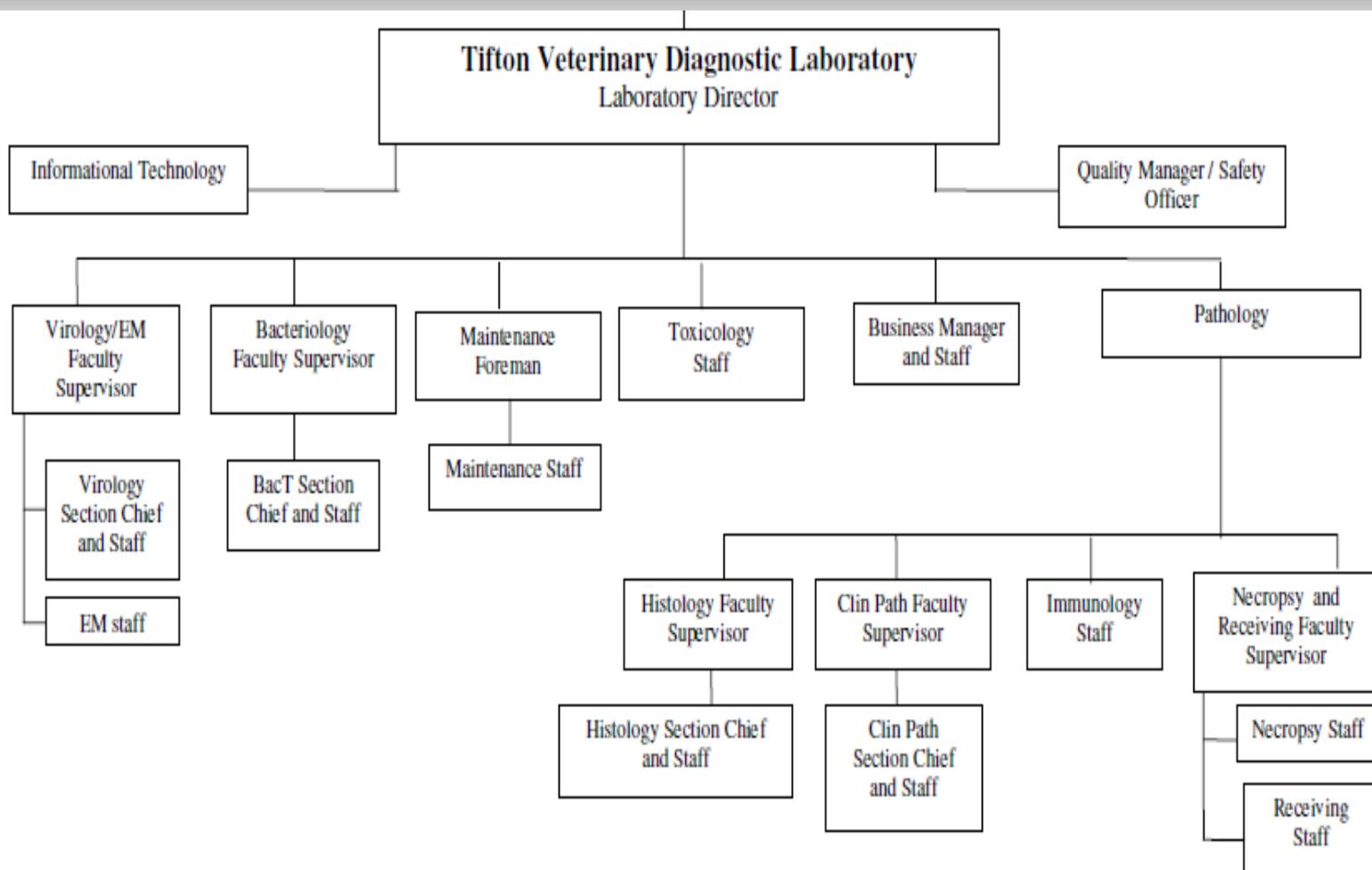


Services

- Pathology
(necropsy, biopsy, cytology)
- Clinical pathology & endocrinology
- Bacteriology & Mycology
- Virology & Serology
- Electron microscopy
- Toxicology (limited - Tifton only)



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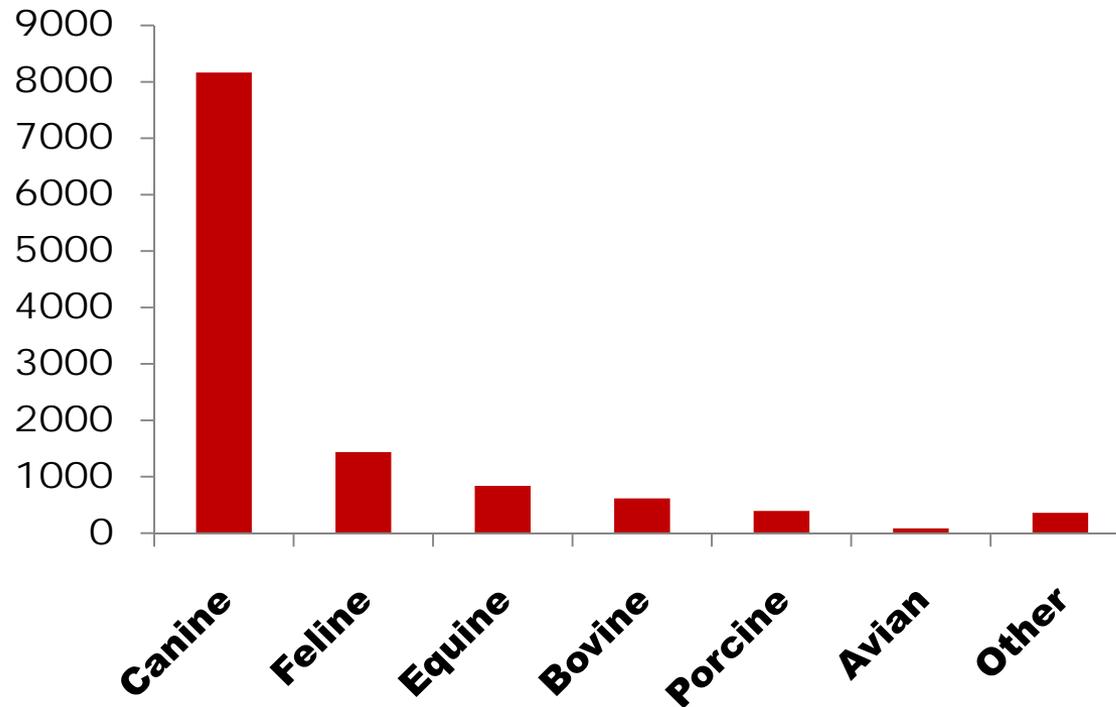
Proficiency Testing

2010

AI H5/H7	BSE	CSF	CWD	END	FMD	PRV	Scrapie	SIV	VSV
X		X		X	X	X		X	

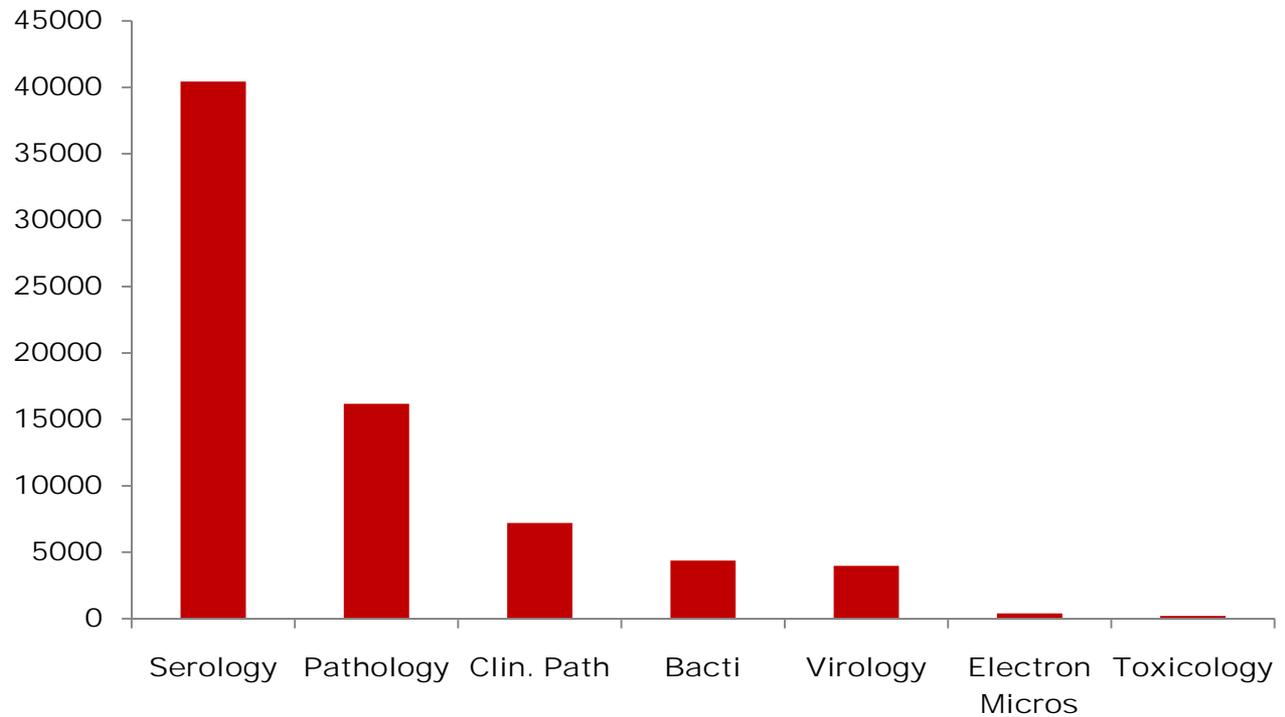


ACCESSIONS BY SPECIES - 2010



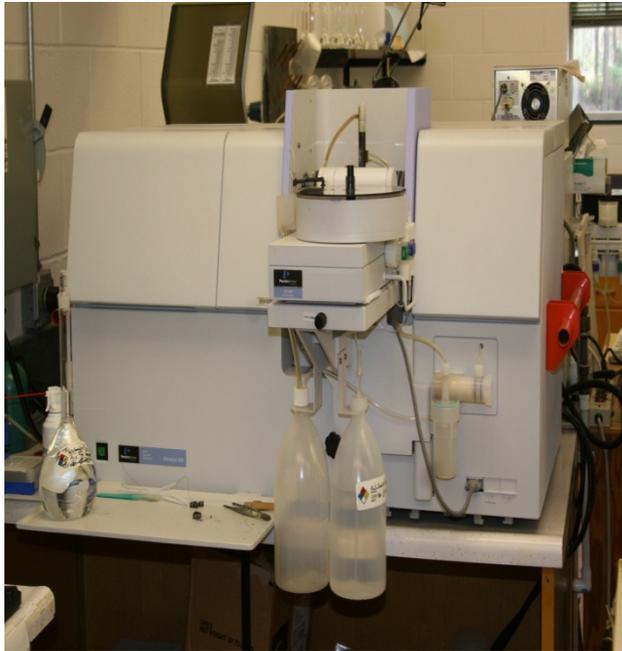


TESTS BY SECTION - 2010





Toxicology - Capabilities

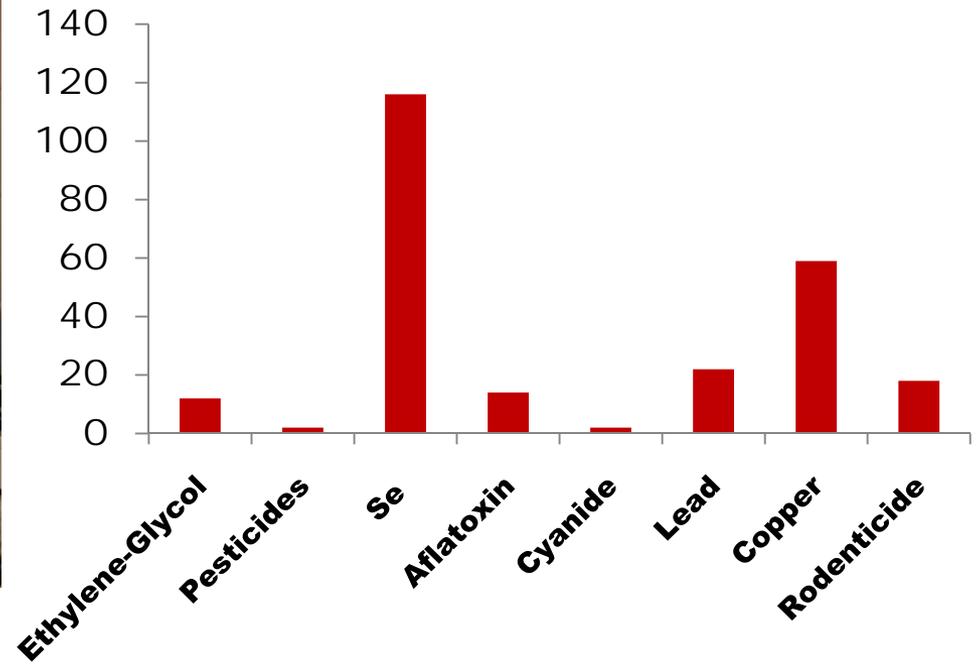


GC/MS - instrument
non-functional

Feed, Water analysis
Aflatoxicosis
Heavy metals

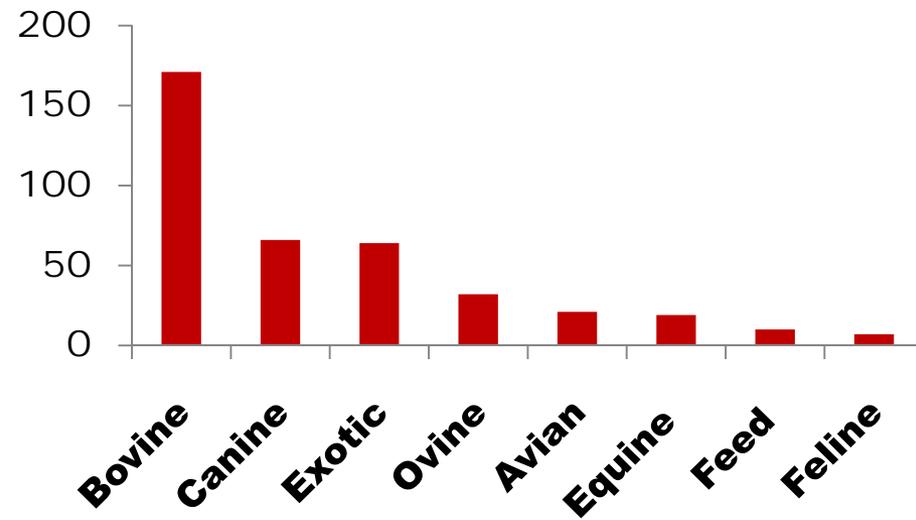


Toxicology - Trends





Toxicology – Tests by Species





Bacteriology – FDA related activities

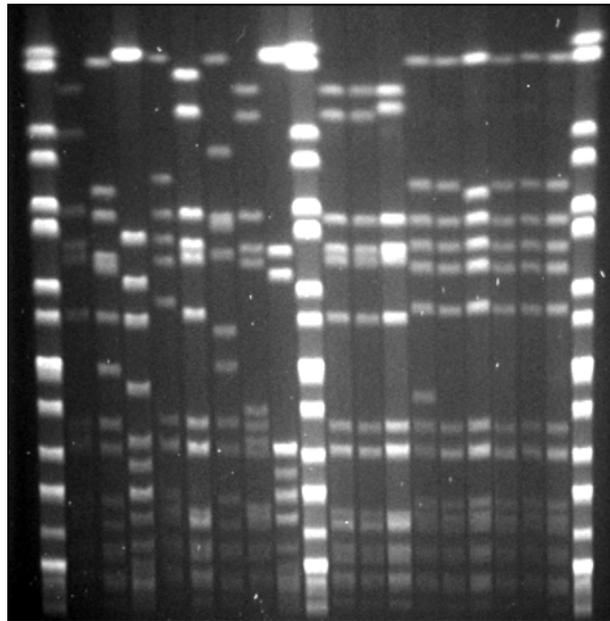
Capability to culture and identify bacterial and fungal pathogens

Molecular testing capabilities for genotyping of *C. perfringens*, virulence screening of *E. coli*, detection of *Listeria* sp





Virology and Serology



- Full-fledged virology laboratory with facilities and equipment required to carry out classical virological techniques including EM
- Molecular virology section with smart cyclers, ABI 7900, thermocyclers and high-throughput extraction systems

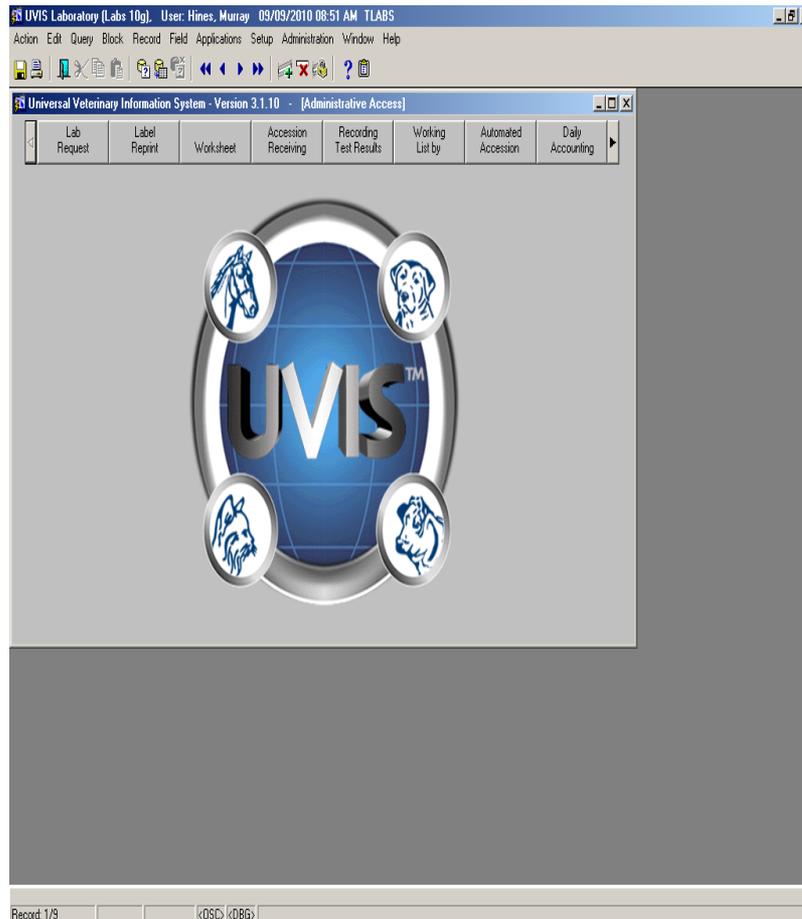


Research Expertise in Tifton

- Johne's and other mycobacterial disease
- Wildlife & Exotic disease
- Leptospirosis
- Circovirus and SIV



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- Oracle 10g
- Cable internet connection with the equivalent of a T1 connection (1.5 MB/sec)
- Web access to UVIS data



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Questions?

