

## BIOGRAPHICAL SKETCH

NAME	STYLES, Darrel K.		POSITION TITLE	Lecturer
EDUCATION/TRAINING				
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY	
Appalachian State University, Boone, NC	B.S./B.A.	1981	Chemistry/Computer Science	
North Carolina State University, Raleigh, NC	D.V.M.	1987	Veterinary Medicine	
Aviculture Institute, Newhall, CA	Internship	1988	Aviculture Medicine	
North Carolina State University, Raleigh, NC	Residency	1990	Exotic and Wild Bird Medicine	
University of Texas, Austin, TX	M.S.	1999	Pharmacy: Medicinal Chemistry	

### Professional Experience

1978-1987 Computer Programmer/Analyst, Glen Raven Mills, Burnsville, NC  
 1986-1987 Computer Programmer, North Carolina State University, College of Veterinary Medicine, Raleigh, NC  
 1990-1991 Computer Programmer, University of Miami, School of Medicine, McKnight Vision Research Center, Miami, FL  
 1990-1992 Staff Veterinarian, All Pets Veterinary Group, Inc., Miami, FL  
 1992-1993 Research Associate Veterinarian, Texas A&M University, Dept. of Veterinary Pathobiology, College Station, TX  
 1993-1998 Research Associate, University of Texas, Austin, TX  
 1996-2000 Veterinarian/Manager/Partner, Hill Country Aviaries, L.L.C., Dripping Springs, TX  
 1997-1999 Veterinarian/Clinician, Westgate Pet and Bird Hospital, Austin, TX  
 2000 Lecturer, Texas A&M University, Dept. of Veterinary Pathobiology, College Station, TX

### Publications in the last 5 years and earlier pertinent publications

Joyner KL, Kock N, Styles DK, Encephalitis, proventricular and ventricular myositis, and myenteric ganglioneuritis in an umbrella cockatoo, *Avian Diseases*, 33(2): 379-381, 1989 Apr-Jun.  
 Flammer K., Aucoin DP, Whitt DA, Styles DK, Potential use of long-acting injectable oxytetracycline for the treatment of chlamydiosis in Goffin's cockatoos. *Avian Diseases*. 35(1): 228-234, 1990 Jan-Mar.  
 Styles DK, Flammer K., Congo red binding of *Escherichia coli* isolated from the cloacae of psittacine birds, *Avian Diseases*. 35(1); 46-48, 1991 Jan-Mar.  
 Phalen DN, Dalhausen R, Radabaugh, S, Styles DK, Comparison of Virus Neutralizing Antibody with PCR Analyzed Blood and Cloacal Specimens of Asymptomatic Psittacine Birds in a Polyomavirus Outbreak. *Journal of Avian Medicine and Surgery*. 1999.  
 Phalen DN, Dalhausen R, Radabaugh, S, Styles DK, Viremia, Virus Shedding, and Antibody Response during Natural Avian Polyomavirus Infection in Parrots. *Journal of the American Veterinary Medical Association*. July 2000.

### Grants in the last 5 years

1991 Congo Red Binding of *Escherichia coli* Isolated from the Cloacae of Psittacine Birds  
 Status – Principle Investigator  
 Funding Agency – American Federation of Aviculture  
 Total Award - \$2000  
 1999 Enzymatic Cleavage, Purification, and Aqueous Conformational Analysis by NMR Spectroscopy of the Oligosaccharide Moeity of Ganglioside GM1 Isolated from Bovine Brain  
 Status – Principle Investigator, Master's Thesis  
 Funding Agency – NIH and University of Texas  
 Total Award – Operated under an umbrella NIH grant studying carbohydrates  
 1999 Comparison of Virus Neutralizing Antibody with PCR Analyzed Blood and Cloacal Specimens of Asymptomatic Psittacine Birds in a Polyomavirus Outbreak  
 Status – Co-investigator  
 Funding Agency – Texas A&M Schubot and Private Funds  
 Total Award – unknown  
 2000 Viremia, Virus Shedding, and Antibody Response during Natural Avian Polyomavirus Infection in Parrots  
 Status – Co-investigator  
 Funding Agency – Texas A&M Schubot and Private Funds

Total Award – Funded under a grant through Dr. David Phalen and the Schubot Exotic Bird Health Center  
2000 Development of Ante-Mortem Diagnostic Tests for Avian Mycobacteriosis  
Status - Co-investigator  
Funding Agency - Pet Care Trust, Inc, American Federation of Aviculture, Texas A&M University's  
Schubot Center for Exotic Bird Research, University of California at Davis, Lincoln Park Zoo  
(Chicago IL)  
Total Award - \$75,000+

### **Significant Research**

In research collaboration with Dr. David Phalen, we explored the pathoetiology of a natural outbreak of psittacine Polyomavirus. We monitored the progress of the disease by PCR and serum antibodies as well as histopathology when necessary. In a related piece of work, we vaccinated naïve psittacine chicks with commercial psittacine Polyomavirus vaccine and attempted to follow the generation of serum antibodies. Our current collaboration involves developing ante-mortem diagnostic tests for avian *Mycobacteriosis*.