

# **CURRICULUM VITAE**

## **Gerald Estin Gause**

### **ADDRESS**

Department of Pharmacodynamics  
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### **PERSONAL**

Marital Status:       Married  
Spouse                 Ann  
Children:              Ryan and Sean

### **EDUCATION**

1963: LeTourneau College, Longview, Texas - B.S., Mechanical Engineering

1965: Armed Forces Intelligence Training Center, Lowry AFB, Denver, Colorado. Postgraduate  
Military Intelligence Analyst Degree

1973: University of Florida, Gainesville, Florida - B.S., Zoology  
(Requirements full-filled - degree not requested)

1980: University of Florida, Gainesville, Florida - Ph.D., Zoology

1983 - 1988: Postdoctoral Fellowship. College of Medicine. University of Florida, Gainesville,  
Florida.

## **TEACHING AND/OR PROFESSIONAL EXPERIENCE**

1963 -1970 Active Duty Naval Aviator / Military Intelligence Officer, United States Navy

1970 -1994 Reserve Duty, United States Navy  
Last Position: Commanding Officer  
Naval Investigative Service Regional Office  
NAS Jacksonville, FL  
Retired: February, 1994

1976 -1977 Graduate Teaching Assistant  
Department of Zoology, Univ. of Fl

1977-1980 Graduate Teaching Assistant/Research Associate  
College of Veterinary Medicine, Univ. of Fl

1980-1981 Visiting Assistant Professor  
College of Veterinary Medicine, Univ. of Fl

1983-1988 Postdoctoral Research Associate  
Department of Physiology  
College of Medicine, Univ. of Fl

1988-1994 Visiting Assistant Professor  
Department of Pharmacodynamics  
College of Pharmacy, Univ. of Fl

1994-1997 Owner: Gause and Sons Marine Designs  
9315 S.W. 12th Avenue  
Gainesville, Fl 32607

1997-Present Associate Scholar  
Department of Pharmacodynamics  
College of Pharmacy, Univ. Of Fl

## **AWARDS AND HONORS**

- 1966 Letter of Commendation  
Outstanding Performance as an Intelligence Officer  
From Admiral Gene LaRocque  
Commander Sixth Fleet Task Group
- 1980 Letter of Commendation  
Outstanding Instructor Award  
From Admiral Martin J. Andrew  
Director, Naval Intelligence Command
- 1980 Teacher of the Year Award  
College of Veterinary Medicine  
University of Florida
- 1981 Special Award for Dedication to Teaching  
College of Veterinary Medicine  
University of Florida
- 1989 Meritorious Bonus for Teaching Performance  
Department of Pharmacodynamics  
College of Pharmacy  
University of Florida
- 1990 Teacher of the Year  
College of Pharmacy  
University of Florida
- 1999 Teacher of the Year  
College of Pharmacy  
University of Florida
- 2002 Who's Who Among America's Teachers 2002
- 2003 Who's Who Among America's Teachers 2003
- 2004 Teacher of the Year  
College of Pharmacy  
University of Florida
- 2005 Who's Who Among America's Teachers 2005

## PUBLICATIONS

### Articles and Books

1. Gause, G.E. Physiological and Morphometric Responses of the Nine-banded Armadillo (*Dasypus novemcinctus*) to Environmental Factors. Ph.D. Dissertation, 1980.
2. Czenkala, N.W., J.K. Hodges, G.E. Gause and B.L. Lasley. Annual circulating testosterone levels in captive and free-ranging male armadillos. *Reprod. Fert.* 59:199-204, 1980.
3. Rideout, B.A., G.E. Gause, K. Benirschke and B.L. Lasley. Stress-induced adrenal changes and their relation to reproductive failure in captive nine-banded armadillos (*Dasypus novemcinctus*). *Zool.Biol.*4:129-137,1984.
4. Gause, G.E., M.L. Tod, and S. Cassin. Hemodynamic effects of postpulmonary administration of prostaglandin D in fetal animals. *Proc.Soc. Exp. Biol. Med.* 179:373-376, 1985.
5. Cassin, S., G.E. Gause and A.M. Perks. The effects of bumetanide and furosemide on lung liquid secretion in fetal sheep. *Proc. Soc. Exp. Biol. Med.* 181:427-431, 1986.
6. Gause, G.E., R. Baker and S. Cassin. Specificity of FPL 57231 for leukotriene D4 receptors in the fetal pulmonary circulation? *Am.J.Physiol.* 254 (Heart Circ.Physiol. 23): H120-125, 1988.
7. Drummond, W.H., G.E. Gause, M.J. Polak and S. Cassin. Ethanol induces acute pulmonary vasoconstriction in salt-perfused rat lung. *Experimental Lung Research*, 15:3 447-458, 1989.
8. Cassin, S., G.E. Gause, T. Davis, M. Ter Riet and R. Baker. Do inhibitors of lipoxygenase and cyclooxygenase systems block neonatal hypoxic pulmonary vasoconstriction? *J. Appl. Physiol: Respir. Environ. Exercise Physiol.* 66:4 1779-1784, 1989.
9. Clarke, W.R., G.E. Gause, B.E. Marshall and S. Cassin. The role of lung perfusate P02 in the control of the pulmonary vascular resistance of exteriorized fetal lambs. *Respiration Physiology* 79:19-32, 1990.
10. M.J. Polak, M.E. Knight, G.E. Gause, R.L. Bucciarelli and W. Drummond. Effect of Fenoldopam on Precontracted Isolated, Salt-Perfused Rat Lungs. *Experimental Lung Research* 15(2):199-206, 1990.
11. S. Cassin, K.R. Stenmark, G. Gause, L.M. Zapp, H. Kuck, and J.Y. Westcott. Leukotrienes and Prostaglandins in Fetal Lung Liquid. *J. Appl. Physiol: Respir. Environ. Exercise Physiol.* 68(5):2214-2222, 1990.

12. Cassin, S., V. Kristova, T. Davis, P. Kadowitz and G. Gause. Tone-dependent responses to endothelin in the isolated perfused fetal sheep pulmonary circulation in situ. *J. Appl. Physiol: Respi. Environ. Exercise Physiol.* 70(3):1228-1234, 1991.
13. Davis, T.A., G.E. Gause, A.M. Perks and S. Cassin. Effects of IV saline infusion on fetal ovine lung liquid secretion. *Amer. J. Physiol: 262 (Regulatory Integrative Comp. Physiol. 31):R1117-R1120*, 1992.

### **Abstracts**

1. Gause, G.E., M.L. Tod, and S. Cassin. Comparative effects of prostaglandins D2 and D3 on fetal pulmonary and systemic circulations. *The Physiologist* 27:276, 1984.
2. Gause, G.E., M.L. Tod and S. Cassin. Hemodynamic responses of the fetal pulmonary and systemic circulations to prostaglandins D2 and D3. *Prostaglandins 1984: Research and Clinical Update*, November, 1984.
3. Cassin, S., M. Tod and G. Gause. Comparative effects of prostaglandins D2 and D3 on fetal pulmonary circulation. *Prostaglandins and Leukotrienes IVth Internatl. Symp., Washington, D.C., May, 1984.*
4. Cassin, S., G.E. Gause and H. Kuck. The effects of leukotrienes and leukotriene blockers on the fetal pulmonary circulation. *S.G.I. 33rd Annual Meeting*, p. 108, 1986.
5. Cassin, S., R. Dyer, G.E. Gause and A. Perks. The effects of loop diuretics and ouabain on lung liquid secretion in fetal sheep and guinea pig. *J. Physiol. (London)* 371:240P, 1986.
6. Cassin, S., G.E. Gause and H. Kuck. The effects of leukotrienes and leukotriene blockers on the fetal pulmonary circulation. *Proc. Internatl. Union Physiol Sci.* 16:99, 1986.
7. Gause, G. and S. Cassin. Leukotrienes and the fetal pulmonary circulation. *Clin. Res.* 34:262A, 1986.
8. Gause G.E. and S. Cassin. Hyperresponsiveness of the pulmonary circulation in spontaneously hypertensive rats. *Fed. Proc.* 46:4640,1987.
9. Cassin, S., G. Gause, R. Baker and H. Kuck. Leukotriene D4 is not responsible for the pressor response to hypoxia in newborn lambs and goats. *The Physiologist* 30:183, 1987.
10. Polak, M.J., G.E. Gause, S. Cassin, R.L. Bucciarelli and W.H. Drummond. Evidence for vasodilatory DA receptors in the pulmonary vascular bed of rats. *Ped. Res.* 21:403, 1987.

11. Drummond, W.H., D. Lyles, G.E. Gause and S. Cassin. Cyclooxygenase inhibition attenuates ethanol-induced pulmonary changes in salt-perfused rat lungs. Soc. Pediat. Res. 23:562A, 1988.
12. Baker, R.L., M.J. Polak, G.E. Gause and R.L. Bucciarelli. Endotracheal administration of A2 agonist (terbutaline) decreases the pressor response to hypoxia in rats.
13. Cassin, S., K. Stenmark, G. Gause, L. Zapp and H. Kuck. Leukotrienes and Prostaglandins in Fetal Lung Liquid. FASEB 2:A726, 1988.
14. Davis, T.A., G. Gause, M. Ter Riet, H. Kuck, A.M. Perks, and S. Cassin. Effects of IV Saline Infusion on Fetal Lung Liquid Secretion. The Physiologist 31:A59, 1988.
15. Drummond, W.H., G. Gause, M.J. Polak and S. Cassin. Ethanol Induces Acute Pulmonary Vasoconstriction in Salt-Perfused Rat Lungs. Ped. Res., 23:562A, 1988.
16. Davis, T.A., G. Gause, A.M. Perks, H. Kuck, and S. Cassin. The Effects of Acetazolamide on Fetal Lung Liquid Secretion. FASEB 3:A1140, 1988.