

---

## **Kirk Evanson**

Department of Nutrition, Food and Exercise Sciences  
Sandels Building 436  
The Florida State University  
Tallahassee, FL 32306-1493  
Phone: (850) 644-1829  
Email: kevanon@fsu.edu

---

### **Education:**

2011 Ph.D. in Kinesiology, University of Arkansas, Fayetteville, AR  
2005 M.S. in Kinesiology, University of Arkansas, Fayetteville, AR  
1995 B.A. in Music Education, Arkansas Tech University, Russellville, AR

### **Professional Experience:**

2015-Present Assistant Professor, Exercise Science Program, Department of Nutrition, Food and Exercise Sciences, The Florida State University  
2012-2015 Postdoctoral Fellow, Department of Physiology, University of Tennessee Health Science Center, Memphis, TN  
2011-2012 Postdoctoral Associate, Department of Physiology, University of Tennessee Health Science Center, Memphis, TN  
2010-2011 Adjunct Faculty, Division of Science and Mathematics, Northwest Arkansas Community College, Bentonville, AR  
2009-2010 Instructor, Department of Health, Human Performance and Recreation, University of Arkansas, Fayetteville, AR

### **Professional Affiliations:**

2008-Present American Physiological Society  
2011-Present Southeast American College of Sports Medicine

### **Awards:**

2012-2015 Ruth L. Kirschstein National Research Service Award, National Institutes of Health (NHLBI)  
2013 Leonard Share Young Investigator Award, University of Tennessee Health Science Center, Memphis, TN  
2007-2010 Doctoral Academy Fellow, University of Arkansas, Fayetteville, AR

**Funding:**

F32HL116175

07/01/2012-06/30/2015

NIH/NHLBI

Vasoregulation by the Cav1.2 channel C-terminus

Role: PI

**Publications:**

**Evanson KW**, JP Bannister, MD Leo, and JH Jaggar. LRRC26 is a functional BK channel auxiliary  $\gamma$  subunit in arterial smooth muscle cells. Circulation Research, 115(4): 423-431, 2014.

Stone AJ, **KW Evanson**, and HA Kluess. ATP metabolism in skeletal muscle arterioles. Physiological Reports, 2(1):e00207, 2014. doi: 10.1002/phy2.207.

Bannister JP, MD Leo, D Narayanan, W Jangsangthong, A Nair, **KW Evanson**, J Pachau, KS Gabrick, FA Boop, and JH Jaggar. The Cav1.2 channel C-terminus is a bi-modal vasodilator. Journal of Physiology, 591: 2987-2998, 2013.

**Evanson KW**, AJ Stone, E Samraj, T Benson, R Prisby, and HA Kluess. The influence of estradiol supplementation on neuropeptide Y neurotransmission in skeletal muscle arterioles of F344 rats. American Journal of Physiology – Regulatory, Integrative, and Comparative Physiology, 303(6): R651-R657, 2012.

Kluess HA, J Stafford, **KW Evanson**, AJ Stone, J Worley, and RF Wideman. Lung resistance arterioles respond to serotonin and ATP in broiler chickens susceptible to idiopathic pulmonary arterial hypertension. Poultry Science, 91(6): 1432-1440, 2012.

**Evanson KW**, AJ Stone, AL Hammond, and HA Kluess. Neuropeptide Y overflow and metabolism in skeletal muscle arterioles. Journal of Physiology, 589: 3309-3318, 2011.

Kluess HA, AJ Stone, and **KW Evanson**. ATP overflow in skeletal muscle 1A arterioles. Journal of Physiology, 588: 3089-3100, 2010.

**Abstracts and Presentations:**

**Evanson KW**, JP Bannister, MD Leo, and JH Jaggar. LRRC26 is a functional BK channel auxiliary  $\gamma$  subunit in arterial smooth muscle cells. FASEB Journal 28:1077.1, 2014.

Salom LP, **KW Evanson**, AJ Stone, and HA Kluess. Sex-related differences in monoamine oxidase activity. FASEB Journal 26:870.25, 2012.

Kluess HA, **KW Evanson**, AJ Stone, and RF Wideman. Monoamine oxidase and ATPase activity in intrapulmonary arteries in Broiler chickens with IPAH. FASEB Journal 26:870.16, 2012.

Black DC, AJ Stone, **KW Evanson**, and GD Oliver. Effects of different foot conditions on sEMG of the lower leg during a back squat. Medicine and Science in Sports and Exercise 43(5):310, 2011.

**Evanson KW**, AJ Stone, and HA Kluess. The effects of chronic estrogen supplementation on Neuropeptide Y neurotransmission in skeletal muscle arterioles. FASEB Journal 25:1026.28, 2011.

Kluess HA, AJ Stone, and **KW Evanson**. Pre-junctional potentiation of ATP overflow is age-dependent. FASEB Journal 25:1026.19, 2011.

Stone AJ, **KW Evanson**, and HA Kluess. The effects of short term training on purinergic metabolism in skeletal muscle arterioles. FASEB Journal 25:1026.24, 2011.

Bodiford HD, AJ Stone, **KW Evanson**, L Devareddy, and HA Kluess. Dipeptidyl peptidase IV activity in ovariectomized rats following interventions to improve bone density. Medicine and Science in Sports and Exercise 42(5):763, 2010.

**Evanson KW**, AJ Stone, and HA Kluess. Dipeptidyl peptidase IV activity in skeletal muscle conduit and resistance vessels. Medicine and Science in Sports and Exercise 42(5):307, 2010.

**Evanson KW**, AJ Stone, and HA Kluess. Monoamine oxidase activity in skeletal muscle conduit and resistance vessels. FASEB Journal 24:985.6, 2010.

Hammond AL, AJ Stone, **KW Evanson**, L Devareddy, and HA Kluess. The effects of dietary supplements on ATPase activity in ovariectomized rats. Medicine and Science in Sports and Exercise 42(5):765, 2010.

Kluess HA, AJ Stone, and **KW Evanson**. Modulation of ATP release in gastrocnemius muscle 1A arterioles. FASEB Journal 24:985.4, 2010.

Kluess HA, AJ Stone, **KW Evanson**, WC Gilbert, and L Devareddy. ATPase activity in obese Zucker rats following probiotic and linoleic acid supplemented diets. Medicine and Science in Sports and Exercise 42(5):804-805, 2010.

Stone AJ, **KW Evanson**, WC Gilbert, L Devareddy, and HA Kluess. The impact of soy diets on ecto-ATPase activity in obese Zucker rats. Medicine and Science in Sports and Exercise 42(5):805, 2010.

Stone AJ, **KW Evanson**, and HA Kluess. Age- and sex-related changes in purinergic metabolism in the skeletal muscle vasculature. FASEB Journal 24:985.10, 2010.

**Evanson KW**, AJ Stone, and HA Kluess. Neuropeptide Y concentration within sympathetic nerve endings of skeletal muscle arterioles. FASEB Journal 23:775.3, 2009.

**Evanson KW**, AJ Stone, and HA Kluess. Vasodilation of vascular smooth muscle at different temperatures. Medicine and Science in Sports and Exercise 41(5):72, 2009.

Kluess HA, AJ Stone, and **KW Evanson**. ATP released from sympathetic nerve endings in skeletal muscle arterioles. FASEB Journal 23:775.2, 2009.

Leszczak TJ, R DiBrezza, **KW Evanson**, and AP Glave. Differences between two exercise programs on measuring fall risk in older adults. Medicine and Science in Sports and Exercise 41(5):368, 2009.

Stone AJ, **KW Evanson**, and HA Kluess. Gender-related differences in synaptic ecto-ATPase in skeletal muscle arteries. FASEB Journal 23:775.1, 2009.

#### **Other Presentations:**

Leo MD, **KW Evanson**, JP Bannister, D Narayanan, A Nair, J Pachuau, and JH Jaggar. The Cav1.2 channel C-terminus is a transcriptional vasodilator. Presented at the FASEB Science Research Conferences: Smooth Muscle, Snowmass Village, CO, June 2012.

**Evanson KW** and HA Kluess. Neuropeptide Y neurotransmission in skeletal muscle arterioles. Presented at the University of Tennessee Health Science Center, Memphis, TN, May 2011.

Counce M, AJ Stone, **KW Evanson**, and HA Kluess. ATPase activity in the rat tail artery. Presented at the Central States Chapter of the American College of Sports Medicine Annual Conference, Columbia, MO, November 2009.

**Evanson KW**, AJ Stone, and HA Kluess. Dipeptidyl peptidase IV activity in skeletal muscle conduit and resistance vessels. Presented at the Central States Chapter of the American College of Sports Medicine Annual Conference, Columbia, MO, November 2009.

Kluess HA, AJ Stone, and **KW Evanson**. Purinergic neurotransmission in skeletal muscle arterioles. Arkansas Biosciences Institute Research Symposium, Jonesboro, AR, September 2009.

Stone AJ, **KW Evanson**, WC Gilbert, L Devareddy, and HA Kluess. The impact of soy diets on ecto-ATPase activity in obese Zucker rats. Presented at the Central States Chapter of the American College of Sports Medicine Annual Conference, Columbia, MO, November 2009.

Dimond AM, **KW Evanson**, AJ Stone, and HA Kluess. Heat and vasodilation in female rats. Presented at Central States Chapter of the American College of Sports Medicine Annual Conference, Kansas City, MO, October 2008.

Glave AP, **KW Evanson**, and J Nelson. Collaborative research: The fun side. Presented at Arkansas AAHPERD, Little Rock, AR, November 2008.