

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
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NAME Hackney, Anthony C.	POSITION TITLE Professor - Exercise Physiology & Nutrition		
COMMONS USER NAME			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Berea College, KY	BA	1979	Health & Kinesiology
Kent State University, OH	MA	1981	Exercise Physiology
Kent State University, OH	PhD	1986	Exercise Physiology
University of North Carolina-CH, NC	Grad Cert	2003	Nutritional Biochemistry Public Health
National Academy of Physical Culture, Lithuania	DSc (hc)	2008	Physiology-Sport Science

A. Positions and Honors.

Positions and Employment

- 1988 - Professor, Exercise Physiology, University of North Carolina, Chapel Hill (UNC-CH), NC, Dept. Exercise & Sport Science, College of Arts & Sci. (tenured, 1992)
- 1991- Professor, Nutrition (joint appointment) UNC-CH, Dept. Nutrition, Schools of Medicine & Public Health (tenured, 1992)
- 1995 - Professor, Cell-Molecular Physiology (adjunct appointment) UNC-CH, Dept. Cell and Molecular Physiology, School of Medicine

Honors/Awards (select listing)

- 1990 Fellow in the American College of Sports Medicine
- 1991 IBM Research Fellowship
- 1994 Visiting Scholar - Polish Institute of Sport, Ministry of Education
- 1995 Who's Who of American Men & Women of Sciences
- 1996 Sigma Xi Scientific Honor Society - Ambassador to Poland
- 1998 Fulbright Scholar – Medical Sciences (Lithuania)
- 2003 Who's Who in Health Science (Nutrition)
- 2003 Fulbright Senior Scholar – Global & Public Health (Poland)
- 2005 UNC Whitehead Medical Society Basic Science Course Award

B. Select Peer-Reviewed Publications (110 total publications)

Articles

Hackney AC. Effects of endurance exercise on the reproductive system of men: the "exercise-hypogonadal male condition". *Journal of Endocrinological Investigation*. 31(10): 932-938, 2008.

Hackney AC, A Viru. Research methodology: issues with endocrinological measurements in exercise science and sport medicine. *Journal of Athletic Training*. 43(6): 631-639, 2008.

Rubin DA, RG McMurray, JS Harrell, DE Thorpe, & AC Hackney. Vigorous physical activity and cytokines in adolescents. *European Journal of Applied Physiology*. 103(5):495-500, 2008.

Rubin DA, RG McMurray, JS Harrell, AC Hackney, DE Thorpe, & AM Haqq. The association between insulin resistance and cytokines in adolescents: the role of weight status and exercise. *Metabolism*. 57(5):683-690, 2008.

Rubin DA, RG McMurray, AM Andrea, AC Hackney, & JS Harrell. Do surrogates of adiposity relate to cytokines in adolescents? *Journal of Investigative Medicine*. 56(5):786-792, 2008.

Battaglini C, Bottaro M, Dennehy C, Rae L, Shields E, Kirk D, Hackney AC. The effects of an individualized exercise intervention on body composition in breast cancer patients undergoing treatment. *Sao Paulo Medical Journal*. 125(1): 22-28, 2007.

Hackney AC. Stress and the neuroendocrine system: the role of exercise as a stressor and modifier of stress. *Expert Reviews in Endocrinology & Metabolism*. 1(6): 783-792, 2006.

Hackney, AC. Exercise as a stressor to the neuroendocrine system. *Medicina*. 42(10): 788-797, 2006.

Hackney AC, E Zack. Physiological day-to-day variability of select hormones at rest in exercise-trained men. *Journal of Endocrinological Investigation*. 29(6):RC9-RC12, 2006

Moore AW, S Timmerman, KK Brownlee, DA Rubin & AC Hackney. Strenuous, fatiguing exercise: relationship of cortisol to circulating thyroid hormones. *International Journal of Endocrinology & Metabolism*. 3(2): 18-24, 2005.

Daly W, CA Seegers, DA Rubin, JD Dobridge & AC Hackney. Relationship between stress hormones and testosterone with prolonged endurance exercise. *European Journal Applied Physiology*. 93: 375-380, 2005.

Brownlee, KK, AW Moore & AC Hackney. Relationship between circulating cortisol and testosterone: influence of physical exercise. *Journal of Sports Science & Medicine*. 4: 76-83, 2005.

Dobridge JD & AC Hackney. The effect of estrogen on indices of skeletal muscle tissue damage after eccentric exercise in postmenopausal women. *Human Physiology*. 30(4): 462-466, 2004.

Hackney AC, Szczepanowska E, & Viru AM. Basal testicular testosterone production in endurance-trained men is suppressed. *European Journal Applied Physiology*. 89(2):198-201, 2003.

Baylor LS, & AC Hackney. Resting thyroid and leptin hormone changes in women following intense, prolonged exercise training. *European Journal of Applied Physiology*. 88(4-5):480-4, 2003.

Simsch C, W Lormes, KG Petersen, S Baur, Y Liu, AC Hackney, M Lehmann, JM Steinacker. Training intensity influences leptin and thyroid hormones in highly trained rowers. *International Journal of Sports Medicine*. 23(6):422-7, 2002.

Williams CD, Dobridge JD, Meyer WR, AC Hackney. Effects of route of estrogen administration and exercise on hormonal levels in postmenopausal women. *Fertility and Sterility*. 77(6): 1118-1124, 2002.

Bessinger RC, RG McMurray, AC Hackney. Substrate utilization and hormonal responses to moderate intensity exercise during pregnancy and postpartum. *American Journal of Obstetrics & Gynecology*. 186(4):757-764, 2002.

Viru A, AC Hackney, E Valja, K Karelson, T Janson & M Viru. Influence of prolonged continuous exercise on hormonal responses to subsequent intensive exercise. *European Journal of Applied Physiology*. 85: 578-585, 2001.

Hackney, AC. Endurance exercise training and reproductive dysfunction in men: alterations in the hypothalamic-pituitary-testicular axis. *Current Pharmaceutical Design*. 7: 261-273, 2001.

Hackney, AC, D Muoio, & W Meyer. The effect of sex steroid hormones on substrate oxidation during prolonged submaximal exercise in women. *Japanese Journal of Physiology*. 50, 499-504, 2000.

O'Grady, M, AC Hackney, K. Steinberg & K Schneider. Diclofenac sodium reduces exercise induced injury in human skeletal muscle. *Medicine and Science in Sport and Exercise*. 32(7): 1191-1196, 2000.

C. Research Support (select listing)

Ongoing Research Support

1U01DK061223 Harrell J (PI) 2002-2008 NIH/NIDDK (\$11,500,000)

Prevention of Type II diabetes in youth and adolescents – STOPPT2D Project Role: Co-Investigator