

Biosketch

Robert G. Carroll earned his Ph.D. in 1981 under the direction of Dr. David F. Opdyke at the Department of Physiology of the Graduate School of Biomedical Sciences of the University of Medicine and Dentistry of New Jersey-Newark. Following a 3 year post-doc at University of Mississippi Medical Center in Jackson, MS under the sponsorship of Drs. Thomas E. Lohmeier and Arthur C. Guyton, he moved to East Carolina University in 1984 as an Assistant Professor of Physiology. He is currently Professor of Physiology at the Brody School of Medicine at East Carolina University and the Associate Dean for Medical Education.

Rob's dissertation examined blood pressure regulation in sharks, and over the past 30 years he published 54 manuscripts on bench research and another 18 on educational research. He has presented talks and workshops on teaching and learning in a variety of countries, including Indonesia, Jamaica, Malaysia, Nigeria, Pakistan, Russia, Brazil and Sri Lanka. He has served as an external examiner for the preclinical MBBS program at the University of the West Indies, and chaired a site visit team for the Caribbean Accreditation Authority for Education in Medicine and other Health Professions (CAAM-HP). Rob is a section editor for a Medical-Surgical Nursing textbook, and published "Elsevier's Integrated Physiology" in 2007 and "Problem-Based Physiology" in 2010.

Rob is the past chair the Education Committee for the American Physiological Society, and currently chairs the Education Committee of the International Union of Physiological Sciences. He was editor of the journal "Advances in Physiology Education" from 2008-2013. In the past, he served on the USMLE Step I Physiology Test Material Development Committee of the National Board of Medical Examiners, and as Secretary for the International Association of Medical Science Educators. In 2002, he was recognized in the inaugural class of Master Educators at the Brody School of Medicine, and received the Arthur C. Guyton Physiology Educator of the Year from the American Physiological Society in 2004. He received the Outstanding Alumni Award from the University of Medicine and Dentistry of New Jersey in 2005, the Scholar-Teacher Award from East Carolina University in 2007, was recognized as a Master Educator by the International Association of Medical Science Educators in 2013 and was selected as the 2014 Claude Bernard Distinguished Lecturer by the Teaching Section of the American Physiological Society.

Publications (selected from 72 peer reviewed manuscripts).

1. Marcondes, FK, Cardozo LT, Gavioa-Luchi KC, Infannudin M, and **Carroll RG**. Meeting Report: IUPS and ADInstruments 2017 Teaching Workshop. *Advances in Physiology Education* 42 (2) 334-339, 2018.
2. **Carroll, RG**, DU Silverthorn and EA Wehrwein. Undergraduate and Medical School Physiology Education in the United States. *Physiology* 32 (4) 262-263, 2017.
3. **Carroll, RG**. In the valley of the blind, the USMLE is king. *Adv. Physiol. Educ.* 41 (2) 246-247, 2017.
4. **Carroll, RG**. The 2014 Claude Bernard Distinguished Lecture: The Social Contract of Learning. *Advances in Physiology Education* 39: 1-4, 2015.
5. **Carroll, R.G.** and M.G. Lee-Tyson. Evaluation of a summer enrichment physiology course for matriculating medical students. *Am. J. Physiol.* (*Adv. Physiol. Educ.* 12): S87-S94, 1994.