

Hannah V. Carey is a Professor in the Department of Comparative Biosciences at the University of Wisconsin School of Veterinary Medicine. She received a B.S. in Biological Sciences with Honors from the State University of New York at Binghamton in 1977 and a Ph.D. in Zoology from the University of California, Davis in 1983. She was an NIH NRSA Postdoctoral Fellow at the University of Nevada School of Medicine and the Ohio State University College of Medicine before joining the University of Wisconsin-Madison as an Assistant Professor in 1989. Dr. Carey's research is in the areas of gastrointestinal physiology and hibernation biology. Her laboratory uses hibernating mammals as models for adaptation to extreme changes in physiology and nutrition, and the translation of hibernation biology to biomedicine, including organ preservation, intestinal ischemia-reperfusion injury and severe blood loss. Her research has been funded by the National Institutes of Health, the National Science Foundation, the US Department of Agriculture, the US Army Research Office and the Defense Advanced Research Projects Agency. Dr. Carey's professional service includes leadership roles in the American Gastroenterological Association, the American Physiological Society (APS), and the Federation of American Societies for Experimental Biology. She was an elected member of the APS Council and was APS President from 2007-2008. Dr. Carey is the North American Editor of the *Journal of Comparative Physiology B*, is a consulting editor for the *Journal of Applied Physiology* and is on the advisory committees of the review journals *Physiology* and *Annual Review of Physiology*. Dr. Carey was a Program Director at the National Science Foundation from 2010-2011, working in the Division of Integrative Organismal Systems within the Biology Directorate. She is currently Director of the UW-Madison Biotron, a campus facility that provides controlled environment and ambient housing space for plant, animal and materials research. Dr. Carey was the 2014 August Krogh Distinguished Lecturer of the Comparative and Evolutionary Physiology Section of the American Physiological Society.