Abstract: One challenge of teaching is helping our students manage the barrage of health-related misinformation and disinformation they likely experience daily. Recognizing that key concepts in anatomy and physiology are directly linked to health information, A&P instructors can improve scientific literacy by helping our students have a better understanding of the human body. This presentation introduces concepts that cross classrooms and courtrooms and illustrate how knowledge of A&P is foundational to countering falsehoods and rhetoric in our lives. Several tools and strategies will be shared to help you teach students the importance of solid long-term A&P knowledge so that regardless of their careers beyond college, they will be equipped to untangle the web of confusion, combat propaganda, and educate others using facts and compassion. As educators, we know that real-world applications not only enhance intrigue, but they further comprehension. Few courses are so well poised to seamlessly connect human biology with the world in which we live.

Bio: Judi Nath, Ph.D., is a biology professor, dog lover, certified health education specialist, and an internationally recognized author. She has written best-selling college textbooks that have been translated into five languages. The love of learning and writing were established early, beginning in fifth grade with the elementary publication of Health Booklet and Human Body Organs. Post high school years were spent chasing dreams, studying in Austria, attaining degrees, and living an academic life. Her penchant for making complex topics easily understood and relevant has earned her numerous teaching and faculty excellence awards, including Ohio’s
Memorable Educator. Drawing on decades of interpersonal communications, Judi has opened another chapter with two new books, Digesting Foods and Fads and Sins Against Science, which link health education with daily life. A self-described humanist, her blog and newsletter, “Science and Society” are straightforward scientific explanations connecting current headlines to personal health, calming chaos with humor, and showing our shared humanity. Personal life is almost balanced with a host of aspirational hobbies like piano playing, tap dancing, and bicycling. She has mastered none. To know more, visit www.JudiNath.com