PFAS- Forever chemicals, today’s problem

Per- and polyfluoroalkyl substances (PFAS) are a group of more than 5,000 man-made chemicals that includes PFOA, PFOS, and GenX. PFAS have been receiving increasing attention at a global scale due to their widespread present in the environment and negative effects on human’s health and biota. I will give a broad overview about PFAS including sources, fate and transport, and regulation. In particular I will present the concept of treating PFAS as a class for regulatory purposes. I will then present research conducted in my laboratory that examines the presence of PFAS in consumer products and environmental compartments including precipitation and bald eagles.