

The US Army Research Laboratory (ARL) is the nation's premier laboratory for ground forces. As such ARL engages in defense research to ensure technological overmatch, to avoid technological surprise by our adversaries, and to address the priorities as set forth by those in command. We achieve this through providing fundamental research focused on outcomes, having state of the art equipment and facilities, having world-leading in-house researchers in Army-unique areas (e.g., novel armor, directed energy, electronic warfare, advanced munitions, laser protection, high performance infrared imaging detectors), through converging intellectual capital of research universities and industry towards Army needs and through collaborative partnerships across DoD, industry and academia. Dr. Wood will discuss ARL's current research interests with an emphasis on research conducted in the electro-optic, photonic, biotechnology, and quantum sciences areas as well as the some of the unique facilities at the laboratory as it relates to open campus.