Liquid argon R & D at Yale MATTHEW HARRISON, ALESSANDRO CURIONI, Yale University, BONNIE FLEMING, Yale University Physics — Liquid argon detectors are at the cutting edge of several present and/or proposed experimental activities in particle and astroparticle physics: neutrinos, Dark Matter, proton decay etc. Recently a great deal of attention has been paid to the scintillation light from liquid Ar. The Yale group is among the leaders of the US-based effort toward a multi-kiloton liquid argon time projection chamber for neutrino physics. Here we present results from the laboratory activities at Yale, in particular studies of light detection in liquid Ar.