Aggreagate laver, where Master path planning occurs. Inflation Buffer zone around lethal obstacles Detect people and respect **Proxemics** their personal space Go with the standard Wagon Ruts flow of traffic Prefer to move down Hallway the right side of hallways Probabilistic obstacles Sonar populated by sonar

Obstacles

Caution Zones

Static Map

Avoid dangerous areas like kitchens when possible

from lasers and other sensors

Deterministic obstacles

Occupancy grid determined a priori