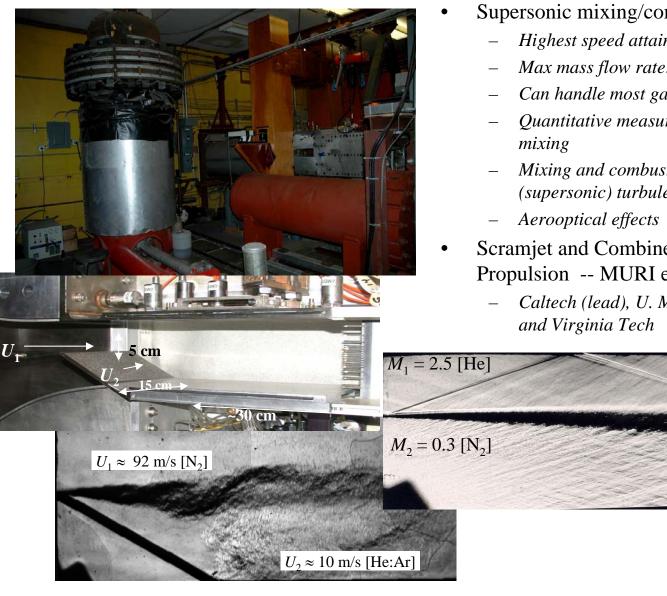
Supersonic Mixing/Combustion Facility



- Supersonic mixing/combustion facility
 - Highest speed attained: $U_{max} = 2 \text{ km/s}$
 - Max mass flow rate: 10 kg/s
 - Can handle most gases (H_2 and F_2 reactants)
 - Quantitative measurements of molecular
 - Mixing and combustion in compressible (supersonic) turbulent flows
- Scramjet and Combined-Cycle Hypersonic Propulsion -- MURI effort
 - Caltech (lead), U. Minnessota, U. Buffalo,