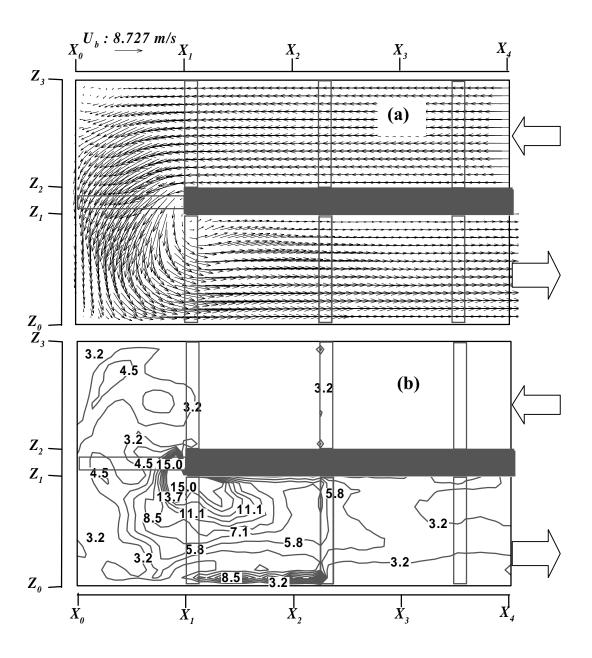
## Micro-Scale Fluidics and Heat Transport Laboratory



Main flow development at y = 0.5  $Y_1$  with 90° ribbed wall at Re = 30,000; (a) flow vector plot (b) normalized turbulent kinetic energy  $\frac{\sqrt{u^2 + w^2}}{U_b^2} \times 100$  plot