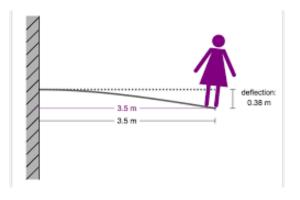
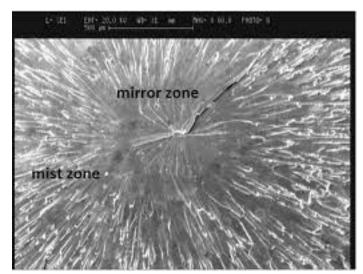
## 00D\_Fracture

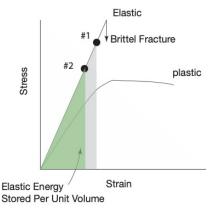
## Fracture in Ceramics is an Elastic Deformation Phenomenon



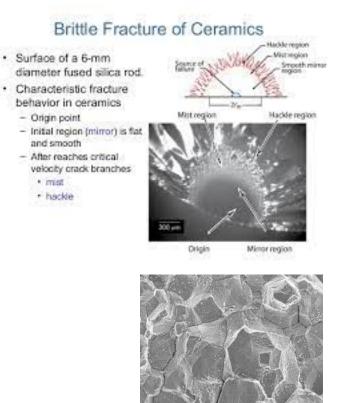


## Examples of brittle Fracture in a Polycrystal and in Glass





The stored elastic energy is given by the area of the triangles. Specimen #1 requires a larger elastic energy to fracture than #2.



Top: Fracture in glass Bottom: brittle fracture in polycrystals revealing the grains; it is called intergranular fracture.