

## Strategy Two

Nano structured coatings and nano engineered surface treatments are improving the performance of thousands of medical implants annually, including orthopedic prosthetics, medical catheters, and cardiovascular grafts.

### Build, attract and retain world-class, quality talent

**Establish a graduate student scholarship program** for basic and applied nanotechnology research in Alberta's priority sectors: Energy and Environment; Health and Medical Technologies; and Agriculture and Forestry.

**Expand training capacity** to include an additional 100 nanotechnology students each year for five years, to meet industry requirements for growth.

**Recruit and retain world-class research, product design and management talent** to Alberta.

**Increase nanotechnology awareness** and hands-on learning opportunities in K-12 programs to expose Alberta's youth to the fundamentals of engineering and applied sciences.

**Develop monthly lecture and discussion series** led by researchers, industry leaders, ethicists, and thought leaders to increase public awareness, engagement and discussion on nanotechnology issues.

