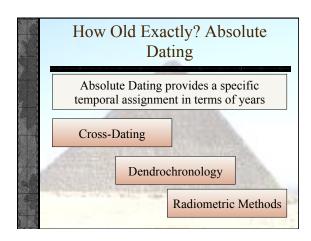


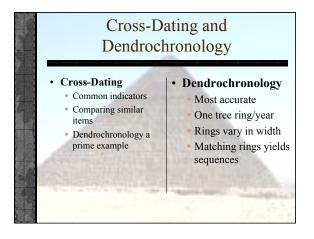


Fluorine, Uranium, and Nitrogen (FUN) Dating Buried bones slowly lose nitrogen over time

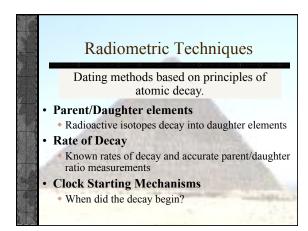
- Buried bones also absorb fluorine and
 - nitrogen over time
- Can tell if a bone has been buried for as long as associated bones in the archaeological record.

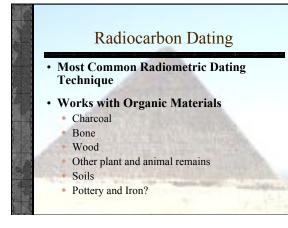


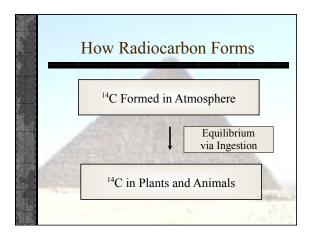




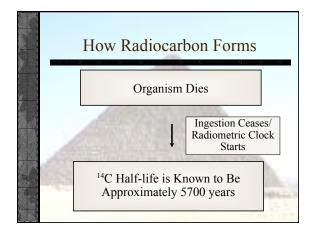














Assumptions about Radiocarbon

- ¹⁴C concentration has been constant (?)
- ¹⁴C mixes rapidly upon production
- ¹⁴C amount in samples is unaltered
- The half-life of ¹⁴C is accurately known
- Natural levels of ¹⁴C are accurately measured

