

What is Research?

- Research
 - Discover new knowledge
 - Seek answers to questions
- Publishable research: the new knowledge has significant values for others
- Basic research
 - Goal: Expand man's knowledge (e.g., which genes control social behavior of honey bees?)
 - Often driven by curiosity (but not always)
 - High impact examples: relativity theory, DNA, ...
- Applied research
 - Goal: Improve human condition (i.e., improve the world) (e.g., how to cure cancers?)
 - Driven by practical needs
 - High impact examples: computers, transistors, vaccinations, ...
- The boundary is vague; distinction isn't important