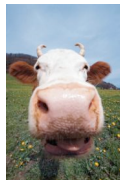
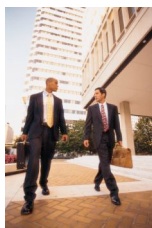
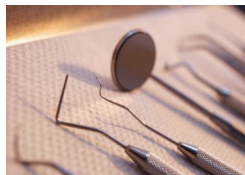


# AN OPEN DISCUSSION ON CAREERS



## ASPECTS OF PROFESSIONAL SCHOOL

- **DEFINED CURRICULUM**
- **GRADUATE IN KNOWN AMOUNT OF TIME**
- **OFTEN RESPONSIBLE FOR ALL EXPENSES**



## **KEY ASPECTS OF GRADUATE SCHOOL**

- **INDIVIDUALIZED CURRICULUM**
- **INDIVIDUALIZED RESEARCH PROJECT**
- **PHD IS A RESEARCH DEGREE\*\***
- **TIME TO GRADUATE VARIES WILDLY**
- **QUALITY OF MENTORING VARIES WILDLY**
- **INSTITUTION OFTEN ASSISTS WITH EXPENSES**
- **POST-DOCTORAL TRAINING MAY BE NECESSARY**



## **PROFESSIONAL SCHOOL OPTIONS**

- **MEDICAL/DENTAL/PHYSICIAN ASSISTANT**
- **PHARMACY (PHARM D)**
- **OPTOMETRY**
- **VETERINARY MEDICINE**
- **PUBLIC HEALTH**
- **LAW**
- **BUSINESS**
- **PUBLIC ADMINISTRATION/HEALTH ADMINISTRATION**
- **THE PLANT DOCTOR**



## GRADUATE SCHOOL OPTIONS

- **MS/MA**
  - LIFE, CHEMICAL, PHYSICAL, COMPUTER SCIENCES
  - ENGINEERING
  - SOCIAL SCIENCES & HUMANITIES
  - NON-THESIS MASTER DEGREE
    - BIOTECHNOLOGY, ENVIRONMENTAL SCIENCE, ENGINEERING, CONSERVATION BIOLOGY
- **DOCTOR OF EDUCATION**
  - COURSEWORK & SOME RESEARCH
- **PhD**
  - **RESEARCH** & SOME COURSEWORK



## OPTIONS AFTER GRADUATE SCHOOL

- **RESEARCH**
  - **NON-PROFITS**
    - PRIVATE INSTITUTIONS
    - GOVERNMENT INSTITUTIONS
  - **FOR PROFITS**
    - AGRICULTURE
    - BIOTECHNOLOGY
    - COSMETICS
    - FOOD
    - PHARMACEUTICAL



## OPTIONS AFTER GRADUATE SCHOOL

### • ACADEMIA

#### – RESEARCH UNIVERSITY

- RESEARCH IS PRIMARY MISSION
- OBTAINING EXTERNAL FUNDING IS ESSENTIAL
- INSTRUCTION IS SECONDARY



#### – RESEARCH UNIVERSITY

- PhDs HIRED TO FOCUS SOLELY ON INSTRUCTION

#### – TEACHING UNIVERSITY/COLLEGE

- INSTRUCTION IS PRIMARY MISSION
- RESEARCH SUPPORTS INSTRUCTION



## OPTIONS AFTER GRADUATE SCHOOL

### • BUSINESS

- AGRICULTURE
- BIOTECHNOLOGY
- COSMETICS
- FOOD
- PHARMACEUTICAL



### • REGULATORY AGENCIES

- EPA
- FDA
- USDA
- OPPORTUNITIES AT THE STATE & LOCAL LEVELS
- USPTO

