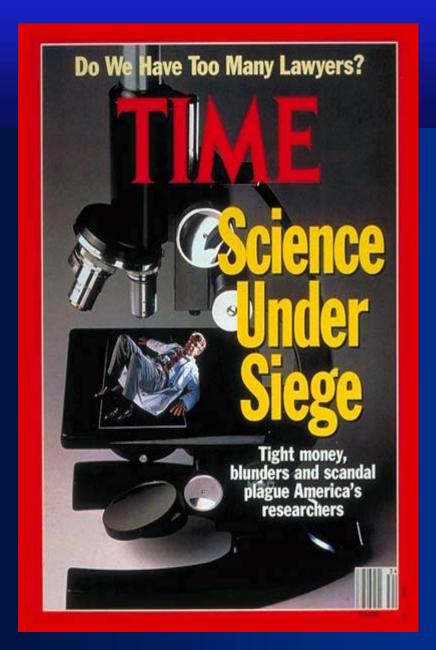
Online RCR Training and the Use of Case Study Videos

2nd World Conference on Research Integrity

Concurrent Session 1: Training for Responsible Research

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Two Primary Challenges

1. Empathy: To value the other

2. Succinct: Message & information in a concise time period

"The first step in the evolution of ethics is a sense of solidarity with other human beings."

Albert Schweitzer

"Ethics primarily concerns the effects of our actions on others."

Randy Cohen

http://ori.dhhs.gov/education/products/

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RCR MENTORING

RESPONSIBLE CONDUCT OF RESEARCH

This setion includes relevant background text, definitions and examples, policy statements, video, and expert commentary. It should be read by those looking for a thorough understanding of mentoring.

Introduction

Case Study

Q & A

Annotated Case

»Foundation Text«

Resources

Conclusion



»Foundation Text«

Table of Contents

I. Mentoring and its importance in the education and training of science professionals

II. Description of mentoring: The complexity of the role and the many forms it takes

III. Roles, activities, and functions

IV. Mentoring on ethics and responsible conduct of research

V. The ethics of mentoring

VI. The responsibility to mentor minorities and women

VII. Responsibilities of trainees

1. Identify career plans

Case Study (Trigger) Videos

Short productions based on realistic portrayals of situations that students and researchers may find themselves in.

UNL) Graduate Studies) Faculty & Staff) Responsible Conduct in Research

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Responsible Conduct of Research: Video Vignettes

Introduction | 1 - Research Misconduct | 2 - Conflict of Interest | 3 - Authorship

Situation 1: Research Misconduct

Click to load video

3:07.05, 6.89 MB

Cast of Characters:



Dr. Parker - male, professor, directs the research conducted by Khatira and Marie



Khatira - female, international graduate student



Marie - female, post-doctoral student

Discussion:

- 1. Was it appropriate for Dr. Parker to act in the way in which he did, and did he contribute to the situation that occurred?
- 2. Data collection and proper record keeping are important responsible conduct of research topics. Independent of the possibility that Khatira may be involved in manipulating research data, what issues surround the way in which she used her laboratory notebook?
- 3. If science and engineering are fields of study that are inherently self-correcting due to their discovery replication requirements, why are federal laws and institutional regulations against research misconduct even necessary?

"One is apt to think of moral failure as due to weakness of character: more often it is due to an inadequate ideal."

Richard Livingstone