Required Initially

**Introduction** module includes:
- Overview of RCR Concepts and Principles
- Quiz

**Plagiarism** module includes:
  **Introduction**
  - Definitions of Plagiarism
    - Plagiarism as Academic Dishonesty
    - Plagiarism as Research Misconduct
  **Plagiarism of Ideas (Case Study video)**
  **Plagiarism of Proper Attribution**
  **Common Knowledge**
  **Citations and the Use of Quotation Marks (Case Study video)**
  **Summarizing and Paraphrasing**
    - Summarizing
    - Paraphrasing
    - Citation Placement
    - Self-Plagiarism
  **Summary, References**
  **Quiz**

**Authorship** module includes:
  **Introduction (video for Life Sciences or Social/Behavioral/Education Sciences)**
  **Importance of Authorship**
  **Allocation of Credit**
    - Criteria for Authorship
    - Other Forms of Giving Credit
  **Author Order**
    - Common Conventions
  **Discussing Authorship (Case Study video)**
  **Responsibilities of Authorship**
  **Other Authorship Challenges and Problems**
    - International Collaborations (Case study video)
  **Summary, References**
  **Quiz**

**Research Misconduct** module includes:
  **Introduction (video for Life Sciences or Social/Behavioral/Education Sciences)**
  **Defining Research Misconduct**
    - Fabrication
    - Falsification
    - Plagiarism
  **The Prevalence of Research Misconduct (Case study video)**
  **Why Research Misconduct Occurs**
    - Individual Factors
    - Organizational Factors
    - Related Factors
Research Misconduct module continued

Other Problematic Research Behaviors
- Questionable Research Practices
- Noncompliance
- Sexual Harassment
- Authorship Disputes

The Effects of Research Misconduct
- On Society
- On Researchers and Their Organizations

Strategies for Preventing or Mitigating Research Misconduct
Detecting Research Misconduct (Case study video)
Policies and Procedures for Managing Research Misconduct
Summary, References
Quiz

Optional Modules

Collaborative Research:
- Introduction (video for Life Sciences or Social/Behavioral/Education Sciences)
- Definitions and Key Concepts
- The Growth of Collaborative Research
- Types of Collaborations
  - Collaboration Across Disciplines
  - Collaboration with Industry
  - Collaboration with Community Partners
  - Collaboration Across National Borders (Case study video)
- Potential Challenges in Collaboration
- Regulation, Policy, and Guidelines
  - Federal Regulation and Related Policy
  - Professional Guidelines
  - Establishing and Maintaining a Successful Collaboration (Case study video)
Summary, References
Quiz

Financial Responsibility:
- Introduction (video for Life Sciences or Social/Behavioral/Education Sciences)
- Financial Stewardship
- Responsibilities of a Research Administrator
- Proper Documentation of Expenses
  - Allowability (Case study video)
  - Allocability
  - Consistency
  - Reasonableness (Case study video)
- The Circulars and Beyond – A Brief History
- Cost Sharing
- Effort Reporting
- Review of Financial Transactions
- Fraud
- Closeout
- Audit
- Effective Communication
Summary, References
Quiz
Peer Review:
- Introduction
  - A Brief History of the Evolution of Peer Review
  - The importance of Peer Review
- Types of Peer Review
  - Journals (Case study video)
  - Grants
  - Post Review Commentaries
- Ethical Issues
  - Confidentiality
  - Reliability
  - The Fairness of the Review Process
  - Conflict of Interest
  - Professionalism (Case study video)
- Summary, References
- Quiz

Mentoring:
- Introduction
  - The Importance of Mentoring
  - Benefits of Mentoring
  - Trainees
  - For Mentors
  - Promoting Diversity
- The Roles of a Mentor (Case study video)
  - The Responsibilities of a Mentor
  - Identifying a Good Mentor
  - The Roles and Responsibilities of a Trainee
  - Common Conflicts and Problem Solving Strategies (Case study video)
- Organizational Support for Mentoring
- Summary, References
- Quiz