

Best Practices in RCR Education

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Lessons Learned from CGS RCR Projects

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RCR Training Programs – Lessons Learned

- Infuse training throughout the curriculum
- Introduce topic early and develop through the entire graduate/post-doc program
- Distinguish between ethics & RCR and regulatory compliance
- Be interactive, involve face-to-face discussions and not rely solely on-line modules, videos, etc
- Discuss relevant & current issues and solutions
- Respect differences across disciplines and promote cross-disciplinary interactions & discussions
- Address cultural differences & backgrounds (international students)
- Tailor to the institution's culture, goals and resources (one size does not fit all)



Integrate into Preparing Future Professorate/Professionals programs

Assessments – Lessons Learned

Learning Outcomes -

- Knowledge of ethics, responsible conduct and professional and institutional standards
- Ability to recognize situations that compromise research integrity
- Ability to make informed and ethical decisions

Learning Outcomes Measures –

- Several types of measures in use
- Need to conduct more extensive studies of effectiveness

Institutional Measures

- Attitudes and perceptions of RCR
- Current practices and training programs

Institutional Challenges

- Skepticism of need & denial of problem
 - Teaching ethics won't change behaviors
 - Faculty are currently doing an adequate-great job
 - Don't have any misconduct or misbehavior on campus
- Lack of information & understanding
 - What and how well are students trained
 - RCR only for basic sciences-regulatory compliance
- No room in the curriculum
 - Need every cr hr for “real” courses
 - Students won't take no-credit courses
- Finding adequate resources