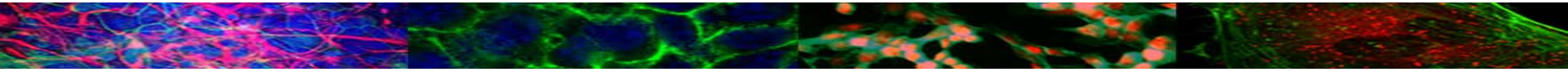


# **NSF RII Evaluation and Assessment: Reporting Your Results**

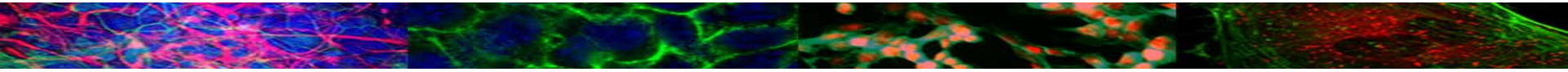
**July 23, 2009**

Gray H. Ladd, MPA  
Program Coordinator for Evaluation



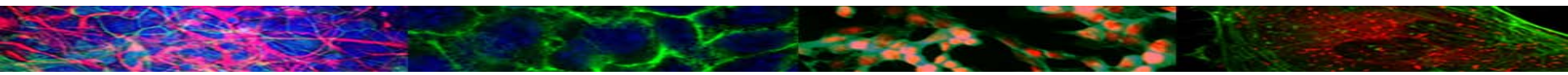
## What Will Reporting Involve?

- Reporting of Data for an Entire Grant Year
  - Year 1: July 1, 2009 to June 30, 2010
    - July-January: Report Actual Data; February-June: Estimate Data
    - Institutional Report Deadline: January 29, 2010
    - External Advisory and Review Board: February 2010
- Data Collection
  - NSF-Mandated Data
  - External Evaluator Requested Data



## Who Is Responsible for Reporting?

- Institutional Directors and Designees
  - Who will you need to assist in reporting?
  - Let us know who we should contact for certain report sections (i.e. financial data, etc)
- Any Faculty Described in the Proposal



## NSF-Mandated Data

- This standard format will facilitate NSF EPSCoR Office assessment of progress and response to Congressional and other ad hoc requests for information
- Due to the use of a Cooperative Agreement as the award format, incomplete reports are likely to jeopardize future funding!

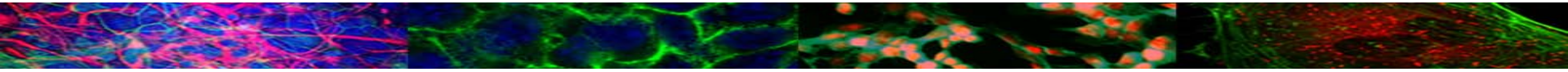
## External Evaluator Requested Data



Terrence Russell, PhD

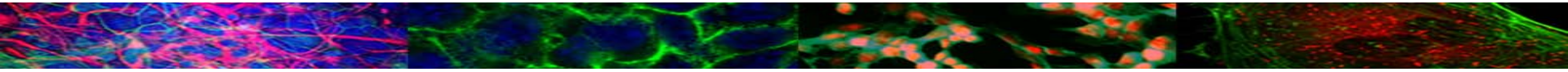
Executive Director  
Emeritus,  
Association for  
Institutional Research

- Will lead evaluation activities in collaboration with Dr. Little and SC EPSCoR/IDeA staff
- Will request data that is complementary but not duplicative to NSF-Mandated Data
- Will work with Institutional Research personnel on your campus
- Initial Reporting Workshop (regional, across the state):  
Fall 2009



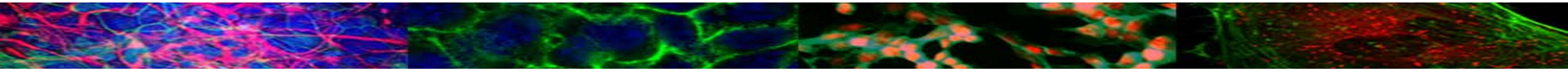
## Reporting Requirements

- Institutional Directors
  - Executive Summary
  - Institutional Director Report
  - Faculty and Equivalent Participant Spreadsheet
    - Major vs. Minor Participants (160 hours is the threshold)
  - Faculty/Staff and Graduate Student Recruitment Spreadsheet
  - Student and Postdoc Participant Spreadsheet \*
  - NSF Highlight(s) \*



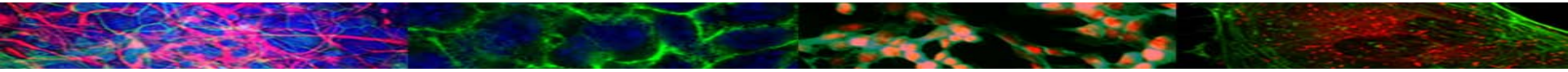
## Reporting Requirements

- Faculty and Equivalent Participants
  - Faculty and Equivalent Report
  - Collaborative Participant Spreadsheet
  - Student and Postdoctoral Fellow Participant Spreadsheet \*
  - NSF Highlight(s) \*



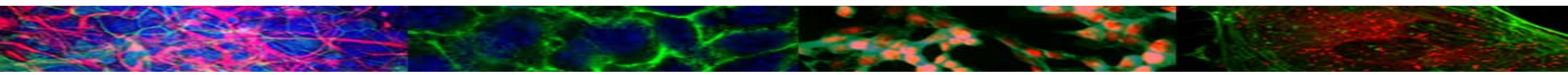
## Executive Summary

- Vision, Mission and Goals of Your Institutional Project
- Brief Description of Efforts in Research, Diversity, Workforce Development, Cyberinfrastructure, Outreach and Communication, and Sustainability
- Key Institutional Accomplishments
  - Scientific and Intellectual Merit
  - Broader Impacts
- Response to Recommendations from Site Visits or Advisory Committees



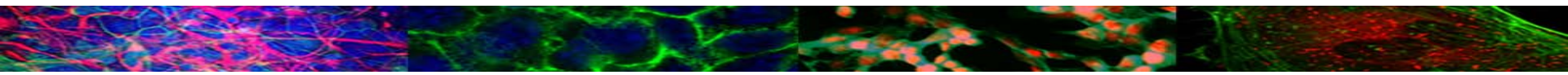
## Institutional Director and Faculty and Equivalent Reports

- Institutional Research Accomplishments
- Diversity and Broadening Participation
- Workforce Development
- Cyberinfrastructure
- Outreach and Communication
- Sustainability
- Human Resource Development
- Experimental and Computational Facilities
- Grants, Publications, Presentations, Special Recognitions
- Research Commercialization



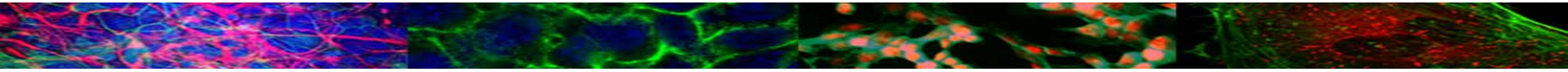
## Institutional Director Report

- Financial Data
  - Institutional Expenditures (for report period)
  - Cost Sharing and Cost Contributions
  - Leveraged Support



## Participant Tracking

- Faculty and Equivalent Participant Spreadsheet
  - Major Participants (GT 160 hours)
    - Must include effort (in months); funding (RII and other)
  - Minor Participants (LT 160 hours)
- Faculty/Staff and Graduate Student Recruitment Spreadsheet
- Student and Postdoc Participant Spreadsheet

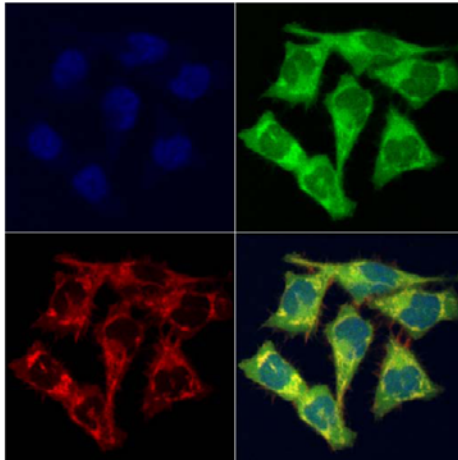


## NSF Highlights

### Research and Education Highlight South Carolina NSF EPSCoR

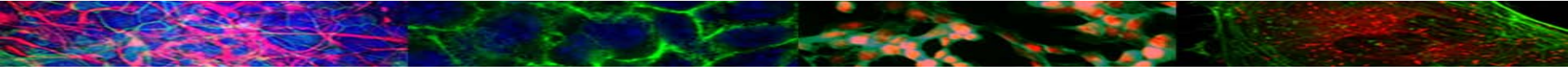
Cytotoxicity of Biodegradable Self-Assembled Poly(lactide-co-ethylene oxide fumarate) Nanoparticles

Angel E. Mercado, Xuezhong He, Weijie Xu, Esmail Jabbari  
Biomimetic Materials and Tissue Engineering Laboratories  
Department of Chemical Engineering  
University of South Carolina, Columbia, SC 29208



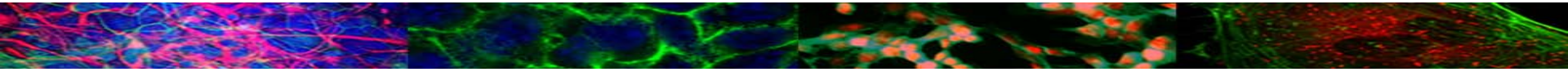
Biodegradable nanoparticles (NPs) have a wide range of applications in medicine including in-vivo imaging and diagnosis, as biosensors for molecular recognition, and as carriers for drug delivery and gene therapy. In drug delivery, NP carriers substantially improve drug bioavailability and reduce the dosing frequency. For example, NPs have been used in targeted tumor delivery to circumvent the short half-life and limited solubility of chemotherapeutic agents and improve selectivity. Biodegradable NPs, surface-modified with hydrophilic polymers, can evade the mononuclear phagocytes system, overcome resistance at the tumor level, and can be conjugated with ligands with high specificity to tumor cells to localize the NPs to the tumor microenvironment. In vaccination, the use of NPs for sustained delivery of

- Highlights will be posted to NSF's website
- Should contain an image and description of research project
- Non-technical language on accomplishment(s) and why it is significant
- Must be submitted in PowerPoint template



## A Critical Reminder...

- “Future funding will be based, in part, on the progress in increasing the number of women and members of groups underrepresented in STEM fields in activities funded by the award.”
  - NSF Reporting Requirements



## Questions: Ask often and always!

Gray H. Ladd, MPA

Program Coordinator for Evaluation

[gray.ladd@scra.org](mailto:gray.ladd@scra.org)

803.733.9060