

**Northeast Regional Life Sciences Core Directors
(NERLSCD) 2009 Meeting**

Nov. 9-11, 2009

Cornell University, Ithaca, NY

Detailed Program

(current as of 11/9/09)

Monday, November 9th

- 12:00-5:00 pm **Satellite Meeting of the Laboratory Robotics Interest Group (LRIG):
High-Throughput Core Operations**
Statler Hotel
- 3:00-5:00 pm **Core Facility Tours**
Cornell University Life Sciences Core Laboratories Center
(including DNA Sequencing and Genotyping Facility, Proteomics and Mass
Spectrometry Facility, and Microscopy and Imaging Facility)
(need to pre-register; limited registration)
Meet in Lobby, Statler Hotel
- 3:00-8:00 pm Meeting Registration
Lobby, Statler Hotel
- 6:00-9:00 pm Reception
Terrace Restaurant & Lounge, Statler Hotel

Tuesday, November 10th

- 7:30-8:30 am Continental Breakfast
Ballroom Foyer, Statler Hotel
- 7:45-8:30 am Poster Setup
Pennsylvania Room and Yale/Princeton Room, Statler Hotel
- 7:30-11:00 am Meeting Registration
Lobby, Statler Hotel

Morning - Plenary Session

Carrier Ballroom, Statler Hotel

- 8:30-8:45 am **Opening remarks**
George Grills, *Cornell University*
- 8:45-9:35 am **New Technologies and a New Economy: Stimuli for Leveraging Core
Resources**
*Keynote Speaker: Barbara Alving, Director of the National Center for
Research Resources, National Institutes of Health (NCR/NIH)*

9:35-10:15 am **NIH Discussion Panel on Support for Life Sciences Core Facility Resources**
Moderator: Katia Sol-Church, Center for Pediatric Research, NCC-Delaware. Panelists: Barbara Alving, Director of NCR/NIH, Louise Ramm, Deputy Director of NCR/NIH, Gregory Farber, Health Scientist Administrator of the Division of Biomedical Technology of NCR/NIH

10:15-10:40 am **Coffee break**

10:40-11:20 pm **Women in Science and Core Laboratories**
Michelle Cilia-Reeve, USDA-ARS

11:20-12:00 pm **Molecular Diagnostic Laboratories: Their Role in Enhancing Physician Education and Care Delivery**
Vicky Funanage, Director of Biomedical Research of the Nemours Foundation, A.I. duPont Hospital for Children, University of Delaware

12:10-1:10 pm **Lunch**
Ballroom/Foyer, Statler Hotel

1:00-2:30 pm **Poster Session** (in two adjacent rooms)
Pennsylvania Room, Statler Hotel (presenters at posters 1:00-1:45 pm)
Yale/Princeton Room, Statler Hotel (presenters at posters 1:45-2:30 pm)

2:30-3:00 pm **Coffee break**

Afternoon session (panel discussion workshops)
Concurrent sessions

3:00-4:30 pm **DNA Sequencing**
Taylor A&B Room, Statler Hotel
Moderator:
Ellen Kittler, University of Massachusetts Medical School
Panelists:
Robert Steen, Harvard Medical School
Paul Morrison, Dana Farber Cancer Institute
Deb Grove, Penn State University

Flow Cytometry
Amphitheater, Statler Hotel
Moderator:
Paul Wallace, Roswell Park Cancer Institute
Panelists:
Charles "Hank" Pletcher, University of Pennsylvania
Alice Givan, Dartmouth Hitchcock Medical Center
Peter Lopez, New York University Cancer Institute

4:45-6:15 pm

Microarrays

Taylor A&B Room, Statler Hotel

Co-moderators:

Scott Tighe, *University of Vermont*,
Don Baldwin, *University of Pennsylvania*

Panelist:

Agnes Viale, *Memorial Sloan-Kettering Cancer Center*

Proteomics

Amphitheater, Statler Hotel

Moderator:

Scott Gerber, *Dartmouth Medical School*

Panelists:

Chris Colangelo, *Yale University Medical School*
Kelvin Lee, *Delaware Biotechnology Institute*

Wednesday, November 11th

7:00-8:00 am

Continental breakfast
Ballroom Foyer, Statler Hotel

8:00-10:00 am

Meeting Registration
Lobby, Statler Hotel

Morning - Plenary Session

Carrier Ballroom, Statler Hotel

8:45-9:35 am

**Focusing the Life Sciences on Bioenergy Solutions
through the Lens of Nanobiotechnology**

*Keynote Speaker: Larry Walker, Professor of Biological and
Environmental Engineering, Director of the Northeast Sun Grant
Institute of Excellence, Director of the Biofuels Research Laboratory,
Cornell University*

9:35-10:15 am

**Discussion Panel on Core Facility Management Models and
Best Practices**

Co-moderators:

Tim Hunter, *University of Vermont*
Susanna Perkins, *University of Massachusetts*

Panelists:

Scottie Adams, *Trudeau Institute*
Diane Tabarini, *Memorial Sloan-Kettering Cancer Center*

10:15-10:40 am

Coffee break

Morning session (panel discussion workshops)

10:40am-12:00 pm

Metabolomics

Taylor A&B Room, Statler Hotel

Moderator:

Ted Thannhauser, *USDA-ARS*

Panelists:

James Bain, *Duke University Medical Center*

Thomas O'Connell, *Hamner Institutes for Health Sciences*

Stuart Krasnoff, *USDA-ARS*

Real-time PCR

Amphitheater, Statler Hotel

Moderator:

Sheryl White, *University of Vermont*

Panelists:

Sridar Chittur, *SUNY Albany*

Jennifer Holbrook, *Nemours / A.I. duPont Hospital for Children*

Beatrice Girard, *University of Vermont*

12:00-1:00 pm

Lunch

Ballroom/Foyer, Statler Hotel

1:00-2:30 pm

Bioinformatics

Taylor A&B Room, Statler Hotel

Moderator:

Jason Moore, *Dartmouth Medical School*

Panelists:

Jaroslav Pillardy, *Cornell University*

James Vincent, *University of Vermont*

Stem Cells

Amphitheater, Statler Hotel

Moderator:

Gary Stein, *University of Massachusetts*

Panelists:

Jeffrey Spees, *University of Vermont*

Matt Mandeville, *University of Massachusetts*

Kelly Smith, *University of Massachusetts*

2:30-3:00 pm

Coffee break

3:00-4:30 pm

Nanobiotechnology

Taylor A&B Room, Statler Hotel

Moderator:

Nathan Cady, *College of Nanoscale Science and Engineering,
University at Albany, State University of New York (SUNY)*

Panelists:

Magnus Bergkvist, *SUNY Albany*

Antje Baeumner, *Cornell University*

Benjamin Miller, *University of Rochester*

Imaging

Amphitheater, Statler Hotel

Moderator:

Matthew Gounis, *University of Massachusetts*

Panelists:

Mukund Seshadri, *Roswell Park Cancer Institute*

Mary Rusckowski, *University of Massachusetts*

4:30-5:00 pm

NERLSCD: Current Status and Future Plans

Carrier Ballroom, Statler Hotel

Panelists:

George Grills, *Cornell University*

Ted Thannhauser, *USDA-ARS*

Tim Hunter, *University of Vermont*

Scottie Adams, *Trudeau Institute*

Stephen Bobin, *Dartmouth Medical School*

Michelle Detwiler, *Roswell Park Cancer Institute*

Katia Sol-Church, *Center for Pediatric Research, NCC-Delaware*

Susanna Perkins, *University of Massachusetts Medical School*

5:00-5:15 pm

Closing remarks

Ted Thannhauser, *USDA-ARS*