

**Northeast Regional Life Sciences Core Directors  
(NERLSCD) 2006 Meeting  
11/9-11/10/06  
Cornell University, Ithaca, NY**

**Thursday, November 9, 2006**

6:00-8:00 pm **Opening Reception**

**Friday, November 10, 2006**

8:40-9:00 am **Opening Remarks**, George Grills, *Cornell University*, Michelle Detwiler, *Roswell Park Cancer Institute*

9:00-10:00 am **No More Gadgets**, Youcef Rustum, *Senior Vice President for Science Administration, Roswell Park Cancer Institute*

9:00-10:50 am **Management of Core Facilities**, Tim Hunter, *University of Vermont*

10:50-11:10 am Coffee Break

11:10-12:00 am **Networking**

**Association of Biomolecular Resource Facilities (ABRF)**, Pamela Scott Adams, *Trudeau Institute*

**Laboratory Robotics Interest Group (LRIG)**, Glenn Saunders, *Rensselaer Polytechnic Institute*

**Outreach programs: networking with the community**, Janet Murray, *University of Vermont*

12:00-1:00 pm **Lunch**

1:00-1:50 pm **Poster Session**

2:00-2:25 pm **DNA Sequencing and Genotyping**, *Organizer: Jan Kieleczawa, Wyeth Research. Panelists: Michelle Detwiler, Roswell Park Cancer Institute, Karl Hager, Yale University, Peter Schweitzer, Cornell University, Robert Steen, Harvard University*

**Flow Cytometry**, *Organizer: Scott Tighe, University of Vermont. Panelists: Alice Givan, Dartmouth University, Tim Bushnell, University of Rochester, Paul Wallace, Roswell Park Cancer Institute*

2:55-3:40 pm **Microarrays**, *Organizer: Agnes Viale, Memorial Sloan-Kettering Cancer Center. Panelists: George Grills, Cornell University, Roderick Jensen, University of Massachusetts, Lisa Macera-Bloch, Agilent Technologies*

**Optical Imaging**, *Organizer: Carol Bayles, Cornell University. Panelists: Michael Cammer, Albert Einstein College of Medicine, Alison North, Rockefeller University, Douglas Taatjes, University of Vermont*

3:40-4:00 pm Coffee Break

4:00-4:45 pm **Proteomics**, *Organizer: Theodore Thannhauser, USDA-ARS. Panelists: John Hawes, Miami University, Kelvin Lee, Cornell University, Clive Slaughter, St. Jude Children's Research Hospital*

**Real-time PCR**, *Organizer: Pamela Scott Adams, Trudeau Institute. Panelists: Deb Grove, Pennsylvania State University, Deborah Hollingshead, University of Pittsburgh, Timothy Hunter, University of Vermont*

4:55-5:40 pm **Bioinformatics and Bio-IT**, *Organizer: James VanEe, Cornell University. Panelists: Avrum Goodblatt, University of Pennsylvania, Richard Maguire, Roswell Park Cancer Institute, Jarek Pillardy, Cornell University, Mollie Ullman-Cullere, Harvard-Partners*

**Protein Expression and Characterization**, *Organizer: Preston Hensley, Pfizer Inc. Panelist: Francis Rajamohan, Pfizer Inc., Kim Stutzman-Engwall, Pfizer Inc.*

5:40-6:00 pm **Closing Remarks**, Theodore Thannhauser, *USDA-ARS*

Table 1b: Agenda of the NERLSCD 2007 meeting.

<p><b><u>Wednesday, November 7, 2007</u></b></p> <p>6:00-9:00 pm <b>Opening Reception</b></p> <p><b><u>Thursday, November 8, 2007</u></b></p> <p>8:30-8:45 am <b>Opening Remarks</b>, George Grills, <i>Cornell University</i></p> <p>8:45-9:35 am <b>New Understanding of Na, K-ATPase Function in Cell-Cell Adhesion and Tumor Progression</b>, Ayyappan Rajasekaran, <i>Director, Nemours Center for Childhood Cancer Research, A.I. duPont Hospital for Children</i></p> <p>9:35-10:15 am <b>Searching for Best Practices in Core Facility Management</b>, Valerie Scott, <i>Jackson Laboratory</i></p> <p>10:15-10:40 am Coffee Break</p> <p>10:40-11:20 am <b>Implementing Emerging Technologies in Core Laboratories</b>, George Grills, <i>Cornell University</i></p> <p>11:20 am-12:00 pm <b>Mechanisms to Maximize Shared Resource Laboratories' Impact at the Institutional, National and International Levels While Promoting Your Career</b>, Jay Fox, <i>Association of Biomolecular Resource Facilities (ABRF)</i></p> <p>12:00-12:10 pm <b>Online Methods Discussion Forum</b>, Ciara Curtin, <i>Genome Technology</i></p> <p>12:10-1:10 pm <b>Lunch</b></p> <p>1:10-2:30 pm <b>Poster Session</b></p> <p>2:30-3:00 pm Coffee Break</p> <p>3:00-4:30 pm <b>DNA Sequencing</b>, <i>Organizer: Paul Morrison, Dana Farber Cancer Institute. Panelists: George Grills, Cornell University, Agnes Viale, Memorial Sloan-Kettering Cancer Center</i></p> <p><b>Flow Cytometry</b>, <i>Organizer: Timothy Bushnell, University of Rochester Medical Center. Panelists: John Daley, Dana Farber Cancer Institute, Charles "Hank" Pletcher, University of Pennsylvania, Paul Wallace, Roswell Park Cancer Institute</i></p> <p>4:45-6:15 pm <b>Microarrays</b>, <i>Organizer: Sridar Chittur, SUNY Albany. Panelists: Don Baldwin, University of Pennsylvania, Norman Gerry, Coriell Institute for Medical Research, Aarti Gokhale, Wadsworth Center/NY DOH, Connie Zhao, Rockefeller University</i></p>	<p><b>Optical Imaging</b>, <i>Organizer: Douglas Taatjes, University of Vermont. Panelists: Claire Brown, McGill University, Michael Cammer, Albert Einstein College of Medicine, Alison North, Rockefeller University, Wade Sigurdson, University at Buffalo</i></p> <p><b>Friday, November 9, 2007</b></p> <p>8:30-10:00 am <b>Proteomics</b>, <i>Organizer: Stephen Bobin, Dartmouth Medical School. Panelists: Lewis Brown, Columbia University, Christopher Colangel, Yale University, Scott Gerber, Dartmouth Medical School, Thomas Neubert, New York University, Sheng Zhang, Cornell University</i></p> <p><b>Real-time PCR</b>, <i>Organizer: Timothy Hunter, University of Vermont. Panelists: Pamela Scott Adams, Trudeau Institute, Kevin Johnson, Jackson Laboratory, Emmanuelle Nicolas, Fox Chase Cancer Center</i></p> <p>10:00-10:30 am Coffee Break</p> <p>10:30 am-12:00 pm <b>Protein Expression and Characterization</b>, <i>Organizer: Cynthia Kinsland, Cornell University. Panelist: Jinwoo Ahn, University of Pittsburgh James Hartley, NCI/SAIC</i></p> <p><b>Genotyping</b>, <i>Co-organizers: Robert Keefe, Wadsworth Center/ NYS Department of Health, Katia Sol-Church, Center for Pediatric Research, NCC-Delaware. Panelists: Jennifer Moran, Harvard University, Peter Schweitzer, Cornell University, Agnes Viale, Memorial Sloan-Kettering Cancer Center</i></p> <p>12:00-1:30 pm <b>Lunch</b></p> <p>1:30-3:00 pm <b>Transgenics</b>, <i>Organizer: Carlisle Landel, Thomas Jefferson University. Panelists: Jeffrey Ceci, New York University, Kerri Kluetzman, Wadsworth Center/NYS Department of Health, Aimee Stablewski, Roswell Park Cancer Institute</i></p> <p><b>Outreach</b>, <i>Organizer: Janet Murray, University of Vermont. Panelists: William Barnes, Clarion University, Danielle Kearns-Sixsmith, Thomas Jefferson University</i></p> <p>3:00-3:30 pm Coffee Break</p> <p>3:30-5:00 pm <b>Bioinformatics and Bio-IT</b>, <i>Organizer: Avrum Goodblatt, University of Pennsylvania. Panelists: Thomas Caldwell, Dartmouth Medical School, Douglas O'Neal, Delaware Biotechnology Institute, Matthew Stine, St. Jude Children's Research Hospital, Christopher Schad, Mayo Clinic, Olga Tchuvatkina, Fox Chase Cancer Center, Simon Watkins, University of Pittsburgh</i></p> <p>4:10-4:30 pm <b>Closing Remarks</b>, Timothy Hunter, <i>University of Vermont</i></p>
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Table 1: Agenda of the NERLSCD 2008 meeting.

<p><b><u>Wednesday, October 22, 2008</u></b></p> <p>3:00-5:00 pm <b>Core Facility Tours</b></p> <p>6:00-9:00 pm <b>Opening Reception</b></p> <p><b><u>Thursday, October 23, 2008</u></b></p> <p>8:30-8:45 am <b>Opening Remarks</b>, Tim Hunter, <i>University of Vermont</i></p> <p>8:45-9:35 am <b>Building Technology Infrastructure and Sustaining it into the Future</b>, Judith Van Houten, <i>Director of the Vermont Genetics Network, University of Vermont</i></p> <p>9:35-10:15 am <b>Regional Resources: NERTRN, NENI, IDEa Networks</b>, Tim Hunter, <i>University of Vermont</i>, Val Scott, <i>Jackson Laboratory</i>, Jim Vincent, <i>University of Vermont</i>, Katia Sol-Church, <i>Center for Pediatric Research NCC-Delaware</i></p> <p>10:15-10:40 am Coffee Break</p> <p>10:40-11:20 am <b>Information Sciences Solutions to Core Facility Problems</b>, Matt Stine, <i>St. Jude Children's Hospital</i></p> <p>11:20 am-12:00 pm <b>DNA, Proteins &amp; Dollars: Accounting &amp; Compliance for Core Facility Managers</b>, Steve Bobin, <i>Dartmouth Medical School</i></p> <p>12:00-1:00 pm <b>Lunch</b></p> <p>1:00-2:30 pm <b>Poster Session</b></p> <p>2:30-3:00 pm Coffee Break</p> <p>3:00-4:30 pm <b>DNA Sequencing</b>, <i>Organizer: Ken Dewar, McGill University. Panelists: Peter Schweitzer, Cornell University, Kelley Thomas, University of New Hampshire, Deb Grove, Pennsylvania State University</i></p> <p><b>Flow Cytometry</b>, <i>Organizer: Richard Konz, University of Massachusetts Medical School. Panelists: Susan Reynolds, BD Biosciences, Susanna Perkins, University of Massachusetts Medical School</i></p> <p>4:45-6:15 pm <b>Microarrays</b>, <i>Organizer: Doug Hinerfeld, Jackson Laboratory. Panelists: Benjamin King, Jackson Laboratory, Charlie Whittaker, MIT Cancer Center, Robert Steen, Harvard University</i></p> <p><b>Transgenics</b>, <i>Co-organizers: Mercedes Rincon, University of Vermont, Steve Fiering, Dartmouth Medical School. Panelist: John Dodge, University of Vermont</i></p>	<p><b><u>Friday, October 24, 2008</u></b></p> <p>8:30-10:00 am <b>Proteomics</b>, <i>Organizer: Jeff Kowalak, NIMH. Panelist: Paul Rudnick, NIST</i></p> <p><b>Real-time PCR</b>, <i>Organizer: Cynthia Spittle, Wyeth Research. Panelists: Deb Grove, Pennsylvania State University, Katia Sol-Church, Center for Pediatric Research, NCC-Delaware, Mary Lou Shane, University of Vermont</i></p> <p>10:00-10:30 am Coffee Break</p> <p>10:30 am-12:00 pm <b>Protein Expression and Characterization</b>, <i>Organizer: Cynthia Kinsland, Cornell University. Panelist: Richard Heath, St. Jude Children's Research Hospital</i></p> <p><b>Stem Cells</b>, <i>Organizer: Jeffrey Spees, University of Vermont. Panelists: Ren-He Xu, University of Connecticut, Thorsten Schlaeger, Children's Hospital of Boston</i></p> <p>12:00-1:00 pm <b>Lunch</b></p> <p>1:00-2:20 pm <b>Genotyping</b>, <i>Organizer: Peter Schweitzer, Cornell University. Panelists: Christian Lytle, Dartmouth Medical School, Robert Keefe, Wadsworth Center, NYS DOH, Daniel Vincent, McGill University and Genome Quebec Innovation Centre</i></p> <p><b>Optical Imaging</b>, <i>Organizer: Rich Cole, Wadsworth Center, NYS DOH. Panelists: Carol Bayles, Cornell University, Joe Mazurkiewicz, Albany Medical College</i></p> <p>2:20-2:50 pm Coffee Break</p> <p>2:50-4:10 pm <b>Bioinformatics / Computational Biology</b>, <i>Organizer: Marco Ramoni, Harvard University. Panelists: David Jewell, Dartmouth Medical School, Jim Vincent, University of Vermont, Gerard Bouffard, NISC / NIH</i></p> <p>4:10-4:30 pm <b>Closing Remarks</b>, George Grills, <i>Cornell University</i></p>
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## NERLSCD 2009 BUDGET

Table 1 shows the NERLSCD 2009 conference space charges as detailed in the current contract for this meeting with the Statler Hotel, including the costs for the poster session rooms, costs for two conference rooms for concurrent technology workshop sessions, and costs for a ballroom used for the plenary session and for non-concurrent technology workshops. Ballroom space charges are based on a cost OF \$26 per meeting attendee and the expectation of 150 attendees. Conference space total expenses are \$11,310 for the NERLSCD 2009 meeting. Table 2 shows the expected food expenses per meal for the NERLSCD 2009 meeting.

Table 1: Conference space expenses for NERLSCD 2009 meeting.

<b>Expenses</b>	<b>unit charge</b>	<b># of units</b>	<b>Total charge</b>
<b>Conference space - Monday - 11/09/09</b>			
Conference room (Yale/Princeton room)	\$ 150.00	1	\$ 150.00
Poster room (Yale/Princeton room)	\$ 135.00	1	\$ 135.00
Poster room (Columbia room)	\$ 50.00	1	\$ 50.00
Poster room (Dartmouth room)	\$ 50.00	1	\$ 50.00
<b>Conference space - Tuesday - 11/10/09</b>			
Ballroom (\$26 per attendee includes foyer, Amphitheater room, breakfast, refreshments)	\$ 26.00	150	\$ 3,900.00
Poster room (Yale/Princeton room)	\$ 350.00	1	\$ 350.00
Poster room (Penn room)	\$ 235.00	1	\$ 235.00
Poster room (Columbia room)	\$ 150.00	1	\$ 150.00
Poster room (Dartmouth room)	\$ 150.00	1	\$ 150.00
Conference room (Amphitheater room) - no charge because included in ballroom rental	\$ -	1	\$ -
Conference room (Taylor/Row room)	\$ 375.00	1	\$ 375.00
A/V for Amphitheater room	\$ 150.00	1	\$ 150.00
A/V for Taylor/Row room	\$ 150.00	1	\$ 150.00
<b>Conference space - Wednesday - 11/11/09</b>			
Ballroom (includes Amph. conference room breakfast, refreshments)	\$ 26.00	150	\$ 3,900.00
Ballroom (extra time in afternoon)	\$ 500.00	1	\$ 500.00
poster room (Yale/Princeton room)	\$ 350.00	1	\$ 350.00
poster room (Penn room)	\$ 125.00	1	\$ 125.00
poster room (Columbia room)	\$ 150.00	1	\$ 150.00
poster room (Dartmouth room)	\$ 150.00	1	\$ 150.00
conference room (Amphitheater room)	\$ -	1	\$ -
conference room (Taylor/Row room)	\$ 375.00	1	\$ 375.00
A/V for Amphitheater room	\$ 150.00	1	\$ 150.00
A/V for Taylor/Row room	\$ 150.00	1	\$ 150.00
<b>Conference space total 2009 expenses</b>			<b>\$ 11,310.00</b>

Table 2: Projected food expenses per meal for NERLSCD 2009 meeting.

<b>description</b>	<b>unit charge</b>	<b>portion size</b>	<b>number units</b>	<b>charges</b>
<u>Evening reception</u>				
vegetable platter	\$ 80.00	50	5	\$ 400.00
cheese platter	\$ 115.00	50	4	\$ 460.00
fruit platter	\$ 115.00	50	4	\$ 460.00
scallop platter	\$ 125.00	50	4	\$ 500.00
spring roll platter	\$ 80.00	50	5	\$ 400.00
dessert platter	\$ 120.00	50	4	\$ 480.00
hot beef platter	\$ 470.00	50	3	\$ 1,410.00
hot turkey platter	\$ 250.00	50	3	\$ 750.00
hot platter chief service charge	\$ 75.00	1	2	\$ 150.00
soda and bottled water	\$ 2.25	1	175	\$ 393.75
18% service charge				\$ 945.25
<b>reception total</b>				<b>\$ 6,349.00</b>
<u>Lunch buffet</u>				
lunch	\$ 23.50	1	150	\$ 3,525.00
soda and bottled water	\$ 2.25	1	175	\$ 393.75
18% service charge				\$ 634.25
<b>lunch total</b>				<b>\$ 4,553.00</b>

Table 3 shows the budget history and 2009 projection for the NERLSCD meeting. Travel reimbursement expenses for invited panelists for 2009 are based on a projected budget of \$1200 per workshop to cover the expenses of all panelists in a workshop and a total of 11 workshops, for a total expense of \$13,200. Travel reimbursement 2009 expenses for invited plenary speakers are based on a projected budget of \$500 per speaker and a total of 4 plenary session speakers per annual meeting, for a total expense of \$2,000. Expected revenues include the requested NIH conference funding support, meeting registration fees, and funding support from regional institutional sponsors. Travel reimbursement is not given to the meeting organizers. Free registration is given to speakers, panelists, session organizers, or meeting organizers. The 2009 registration fee revenues projection assumes that 100 out of the maximum of 150 attendees that can fit into the reserved conference space will not be eligible for free registration. It should be noted that in response to expected reductions in institutional funding sources, the projected \$150 registration fee for the NERLSCD 2009 meeting is 50% more than the \$100 registration fee for the 2008 meeting. If we do not receive the requested NIH funding support, the registration fee for the 2009 meeting may need to increase to \$200, double the fee level of the 2008 meeting. This registration fee issue needs to be discussed by the organizing committee.

It should be noted that the budgets for 2006-2008 represents actual expenses and revenues and that the budget for 2009 represents projected expenses and revenues. This is particularly relevant in regards to the travel expenses for workshop panelists. Only 65% of the total of committed travel expenses was requested for reimbursement by the workshop panelists in 2008, but 85% of the total was requested in 2007. We need to budget in the full committed amount of travel expenses reimbursement.

It should also be noted that the budget does not include the ~\$15K for room reservations at the hotel that Cornell is responsible for covering if the meeting is cancelled less than 90 days before the reservation date or if at least 80% of the rooms are not filled. We asked for a reserved block of 35 rooms for the first two nights and 10 rooms for the final day of the meeting. We have never had a problem filling our room blocks. However, it would be good if over the next couple years we could gradually accumulate a buffer of ~\$15K to cover this financial risk.

Table 3: Budget history and 2009 projection for the NERLSCD meeting

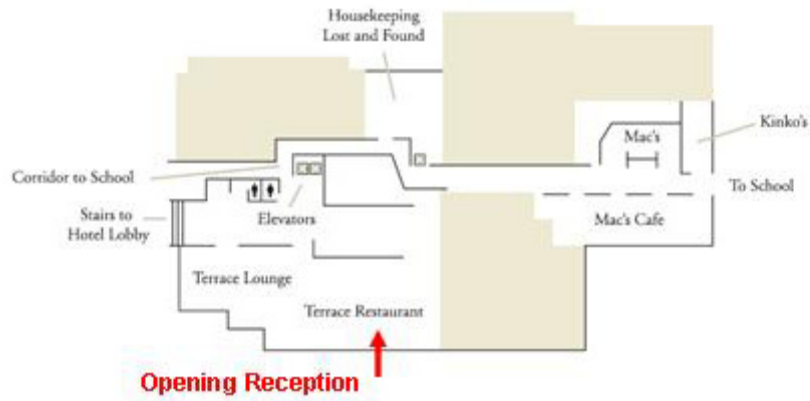
	2006	2007	2008	2009 (est.)
<b>Expenses:</b>				
Conference space with A/V	\$ 5,100	\$10,500	\$ 2,370	\$11,310
Opening reception	\$ 5,000	\$ 6,350	\$ 6,250	\$ 6,350
Lunch - day 1	\$ 3,700	\$ 4,000	\$ 4,500	\$ 4,550
Lunch - day 2		\$ 4,200	\$ 4,500	\$ 4,550
Opening reception music	\$ 350	\$ 400		\$ 500
Conference calls		\$ 1,500	\$ 850	\$ 1,500
Program booklet	\$ 300	\$ 100	\$ 425	\$ 400
Name tags	\$ 150	\$ 100		\$ 150
Signage	\$ 50	\$ 200		\$ 200
Staff help	\$ 100	\$ 500		\$ 500
Web site and IT costs				\$ 3,450
Miscellaneous		\$ 850	\$ 500	
Travel expenses for invited workshop panelists	\$ 7,850	\$11,275	\$ 8,700	\$13,200
Travel expenses for invited plenary speakers	\$ 1,000	\$ 1,800		\$ 2,000
Post-meeting survey				\$ 1,000
Deficit expense from prior year			\$ 5,675	
<b>Total Expenses</b>	<b>\$23,600</b>	<b>\$41,775</b>	<b>\$33,770</b>	<b>\$49,660</b>
<b>Revenues:</b>				
NIH conference funding for conference space expenses				\$10,000
Registration Fees	\$ 6,200	\$ 8,300	\$12,100	\$15,000
Institutional sponsorships	\$22,200	\$23,000	\$30,475	\$21,500
Revenues surplus from prior year		\$ 4,800		\$ 8,800
<b>Total Revenues</b>	<b>\$28,400</b>	<b>\$36,100</b>	<b>\$42,575</b>	<b>\$55,300</b>
<b>Balance</b>	<b>+\$(\$4,800)</b>	<b>-\$(\$5,675)</b>	<b>+\$(\$8,800)</b>	<b>+\$(\$5,640)</b>

Table 4: Past and projected institutional sponsors of the NERLSCD meeting.

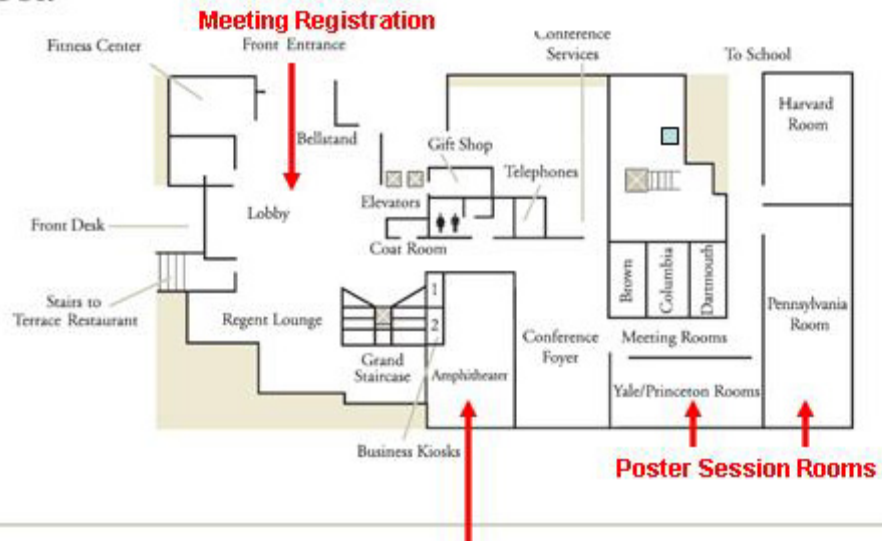
	2006	2007	2008	2009 (est.)
Cornell University Life Sciences Core Laboratories Center	\$ 10,000	\$ 10,000	\$ 5,675	\$ 2,000
ABRF	\$ 4,200	\$ 1,000		\$ 1,000
Roswell Park Cancer Institute	\$ 4,000	\$ 1,500		\$ 1,000
Dartmouth Norris Cotton Cancer Center	\$ 1,000	\$ 2,000	\$ 2,000	\$ 2,000
Dartmouth COBRE Lung Biology Center			\$ 1,000	
Dartmouth Clinical and Translational Medicine			\$ 800	
Vermont Cancer Center	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Vermont Genetics Network	\$ 1,000	\$ 1,000	\$ 5,000	\$ 1,000
Vermont EPSCoR	\$ 1,000			
Wadsworth Center / NYS DOH		\$ 2,000	\$ 2,000	\$ 2,000
Delaware Biotechnology Institute		\$ 1,000	\$ 1,000	\$ 1,000
Delaware EPSCoR		\$ 1,000		
Delaware INBRE		\$ 1,000		
Nemours' Biomedical Research		\$ 1,000	\$ 1,000	\$ 1,000
Center for Functional Genomics SUNY at Albany		\$ 500	\$ 1,000	\$ 1,000
HHMI-Janelia Farm Research Campus			\$ 1,500	\$ 1,000
Memorial Sloan-Kettering Cancer Center			\$ 3,000	\$ 3,000
University of Massachusetts Medical School			\$ 2,500	\$ 2,000
Wyeth			\$ 1,000	
Jackson Labs			\$ 2,000	\$ 2,000
USDA-ARS (speaker travel expenses support)				\$ 500
<b>Total Revenues</b>	<b>\$ 22,200</b>	<b>\$ 23,000</b>	<b>\$ 30,475</b>	<b>\$ 21,500</b>

# NERLSCD 2009 Meeting Space in the Statler Hotel

## GROUND FLOOR



## FIRST FLOOR



## SECOND FLOOR

