Burroughs Wellcome Fund Summer Workshop  
Center of Excellence in Remote Sensing and Education Research  
Elizabeth City State University  
August 6 – August 17, 2007  
AGENDA

Department of Geological, Environmental and Marine Science (GEMS)  
Elizabeth City State University  
Elizabeth City, North Carolina 27909  
Phone: 252-335-3378  
Email: waporter@mail.ecsu.edu

Monday, August 6, 2007

7:30 am – 8:30 am        Breakfast
9:00 am – 9:10 am        Greetings – CERSER  
                         Dr. William Porter, Project Director
9:10 am – 9:20 am        Introductions of Project Participants  
                         Staff, Teachers, and Students
9:20 am – 9:30 am        Workshop Overview (Porter)
9:30 am – 10:15 am       Introduction to Lithospheric Earth Science  
                         Dr. Thomas Rosbach
10:15 am – 10:30 am      BREAK
10:30 am – 12:00 am      Lithospheric Exercises
12:00 pm – 1:30 pm       LUNCH (Bedell Cafeteria)
1:30 pm – 2:30 pm        Introduction to Biospheric Earth Science  
                         Dr. Leon Pingle
2:30 pm – 3:00 pm        Biospheric Exercises
3:00 pm – 3:15 pm        BREAK
3:15 pm – 4:00 pm        Biospheric Exercises Continued
4:00 pm – 4:15 pm        Directives for Group Projects (Porter)
4:15 pm – 4:30 pm        Evaluation and Adjournment
**Tuesday, August 7, 2007**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 am – 8:30 am</td>
<td>Breakfast</td>
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<tr>
<td>9:00 am – 10:15 am</td>
<td>Introduction to Atmospheric Earth Science</td>
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<td><em>Dr. Porter</em></td>
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<td>10:15 am – 10:30 am</td>
<td>Break</td>
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<td>10:30 am – 12:00 am</td>
<td>Learning Earth Science with GIS</td>
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<td></td>
<td><em>Mrs. Julie Stamper, Pasquotank Country GIS Coordinator</em></td>
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<tr>
<td>12:00 pm – 1:30 pm</td>
<td>Lunch (Bedell Cafeteria)</td>
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<td>1:30 pm – 2:30 pm</td>
<td>GIS Exercises</td>
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<td><em>Mrs. Stamper</em></td>
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<td>2:30 pm – 3:15 pm</td>
<td>GIS/GPS</td>
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<td><em>Mrs. Stamper and Ms Elizabeth Noble</em></td>
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<td>3:15 pm – 3:30 pm</td>
<td>Break</td>
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<td>3:30 pm – 4:15 pm</td>
<td>Field Trip Information</td>
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<td><em>Ms Noble</em></td>
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<td>4:15 pm – 4:30 pm</td>
<td>Evaluation and Adjournment</td>
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Wednesday, August 8, 2007

7:30 am – 8:30 am  Breakfast

8:30 am to 10:00 am  Travel to Dismal Swamp Center  
   Staff

10:00 am – 10:30 am  Lecture (Dismal Swamp Staff)

10:30 am – 12:00 noon  To Data Collection Sites

12:00 pm – 1:30 pm  BAG LUNCH

1:30 pm – 3:15 pm  Dismal Swamp Data Collection

3:15 pm – 4:15 pm  Return to CERSER Lab

4:15 pm – 4:30 pm  Evaluation and Adjournment

Thursday, August 9, 2007

7:30 am – 8:30 am  Breakfast

9:00 am – 12:00 pm  Dismal Swamp Data Analysis  
   Ms Noble

12:00 pm – 1:30 pm  LUNCH (Bedell Cafeteria)

1:30 pm – 3:00 pm  Introduction to Problem-based Learning  
   Dr. Jim Botti, PBL Specialist

3:00 pm – 3:15 pm  BREAK

3:15 pm – 4:15 pm  Introduction to PBL Continued

4:15 pm – 4:30 pm  Evaluation and Adjournment
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Friday, August 10, 2007

7:30 am – 8:30 am  Breakfast
9:00 am – 12:00 pm  PBL Exercises  
\textit{Dr. Botti}
12:00 pm – 1:30 pm  LUNCH
1:30 pm – 4:00 pm  PBL and Group Projects
4:00 pm – 4:15 pm  Discussion: Currituck Field Trip  
\textit{Ms Noble}
4:15 pm – 4:30 pm  Evaluation and wrap-up

Monday, August 13, 2007

7:30 am – 8:00 am  Breakfast
8:30 am – 10:00 am  Travel to Currituck Center  
\textit{Staff}
10:00 am – 10:30 am  Center Activity
10:30 am – 12:00 am  Travel to Data Collection Sites
12:00 pm – 1:30 pm  BAG LUNCH
1:30 pm – 3:00 pm  Complete Data Gathering  
\textit{Ms Noble}
3:00 pm – 4:15 pm  Return to CERSER Lab
4:15 pm – 4:30 pm  Evaluation and Wrap-up
Tuesday, August 14, 2007

7:30 am – 8:30 am  Breakfast

9:00 am – 10:15 am  Analysis of Currituck Sound Data
                       Ms Noble

10:15 am – 10:30 am  BREAK

10:30 am – 12:00 am  Analysis of Sound Data
                       Ms Noble

12:00 pm – 1:30 pm   LUNCH (Golden Coral)

1:30 pm – 2:00 pm    Travel to Albemarle Museum
                       Dr. Porter, Coordinator

2:00 pm – 2:30 pm    Museum Tour

2:30 pm – 3:00 pm    Travel to Port Discovery
                       Dr. Pringle, Coordinator

3:00 pm – 3:30 pm    Tour of Port Discovery
                       Ms LuAnne Pendergraft

3:30 pm – 4:00 pm    Return to CERSER Lab

4:00 pm – 4:15 pm    Review Projects

4:15 pm – 4:30 pm    Evaluation and Wrap-up
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Wednesday, August 15, 2007

7:30 am – 8:30 am       Breakfast

9:00 am – 10:15 am       PBL and Project Development
                         Dr. Botti

10:15 am – 10:30 am      BREAK

10:30 am – 12:00 pm      PBL and Project Development
                         Dr. Botti

12:00 pm - 1:30 pm       LUNCH (Bedell Cafeteria)

1:30 pm – 3:00 pm        Planetarium Visit
                         Ms Jennifer Thoms, Planetarium Assistant

3:00 pm – 3:15 pm        BREAK

3:15 pm – 4:15 pm        PBL and Earth Science: Project Work
                         Dr. Botti and Dr. Rossbach

4:15 pm – 4:30 pm        Evaluation and Wrap-up
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Thursday, August 16, 2007

7:30 am – 8:30 am  Breakfast
9:00 am – 10:00 am  Project Development
10:15 am – 10:30 am  BREAK
10:30 am – 12:00 am  Project Development
12:00 pm – 1:30 pm  LUNCH (Bedell Cafeteria)
1:30 pm – 3:15 pm  Project Completion
3:15 pm – 3:30 pm  BREAK
3:30 pm – 4:15 pm  Round-Table Discussions on Project Development
                      Staff, Students, Teacher Mentors
4:15 pm – 4:30 pm  Evaluation and Wrap-up
Friday, August 17, 2007

7:30 am – 8:30 am   Breakfast
9:00 am – 10:15 am  Student Project Presentations
10:15 am – 10:30 am BREAK
10:30 am – 12:00 am Student Project Presentations
12:00 pm – 1:30 pm  LUNCH (Bedell Cafeteria)
1:30 pm – 3:00 pm   Student Project Presentations
3:00 pm – 4:00 pm   Presentation of Award Certificates and Stipend
4:00 pm – 4:15 pm   Review of Academic Year Program
4:15 pm – 4:30 pm   Evaluation and Wrap-up