Schedule for the 2003 BioQUEST Summer Workshop
Enabling Exploration for Everyone, Everytime, Everywhere: Collaboratories, Digital Libraries and Computational Biology Education
May 31 through June 3, 2003
Beloit College     Beloit, Wisconsin 53511

Saturday, May 31st

12:30 PM Welcome, Introductions, and Overview
Development of White Papers
Ethel Stanley, Director, The BioQUEST Curriculum Consortium
Mathers, Pearsons

1:15 PM Original Design and Tools
John R. Jungck, PI, The BioQUEST Curriculum Consortium
Mathers, Pearsons

2:00 PM Break (snacks available in Chamberlin 215 throughout the week)
Café Bio, Chamberlin 215

2:30-4:30 PM WORKSHOPS
1) Simulations - GCK, SequenceIt, Evolve, EDM, µGCK
   Virginia Vaughan & Dana Beck
   Chamberlin  316
2) Tools I: GIS, GPS, Biocomplexity
   Robin Greenler, Genevieve Werner & Sasha Wright
   Chamberlin 208
3) Tools II: Video image analysis and fractal dimension, real time data acquisition
   Tia Johnson & Caitlin Savagian
   Chamberlin 214
4) BIRDD & Workbench, Databases
   Bioinformatics and Evolution
   Sam Donovan, Tony Weissstein & Joshua Tusin
   Chamberlin 202
5) Implementing Investigative Case-Based Learning
   Ethel Stanley, Margaret Waterman, Anna Farbotko & Megan Kay Sievert
   ITS - Mayer 222

4:30 - 5:30 PM Panel
Ethel Stanley, Sam Donovan, Robin Greenler, Tony Weissstein, Virginia Vaughan, Margaret Waterman & Tia Johnson
Mathers, Pearsons

6:30 PM Wine and hors d’oeuvres
Pearsons Dining Hall Annex

7:00 PM Evening Meal
Pearsons Main Dining Hall

8:00 PM Keynote: Linking Deep Views of Technology and Learning
Alan Kay, President of Viewpoints Research Institute
Glendale, California
Pearsons Main Dining Hall
Sunday, June 1

8:00 AM  Continental breakfast  Café Bio, Chamberlin 215

8:30 AM  Keynote: Future Directions for Collaboratories  Mathers
James D. Myers, Pacific Northwestern National Laboratory

9:30–11:00 AM  4 Kinds of Collaboratories
SWOF (Scientific Workplaces of the Future)  The Ruth Peterson Room
Terry Disz, Argonne National Laboratory

Research Collaboratory for Structural Bioinformatics  Chamberlin 208
Christopher M. Smith, San Diego Supercomputer Center

The EMSL Collaboratory  Chamberlin 202
Jim Myers, Pacific Northwestern National Laboratory

The BEDROCK Collaboratory and Collaborative Learning  Chamberlin 214
Tia Johnson, Coordinator of Faculty Collaborations
Rama Viswanathan, Professor of Chemistry and Computer Science
at Beloit College

11:00-Noon  Panel  Mathers
Jim Myers, Tia Johnson, Chris Smith, Terry Disz, &
Jennifer Teig von Hoffman

12:00-2:00 PM  Lunch and free time  DK’s at Pearsons

2:00-3:00 PM  Keynote: Digital Libraries  Mathers
Celeste Carter, National Science Foundation
Program Director for Division of Undergraduate Education

3:00-4:30 PM  American Society for Biochemistry and Molecular Biology  Chamberlin 214
Marlene Kayne, The College of New Jersey

Digital Libraries Focusing on Science Education (DLESE)  Chamberlin 208
David Mogk, Montana State University
Cathy Manduca, Carleton College

The BEN Collaborative, Biology Education Online,  Chamberlin 202
SMETE Open Federation, The Merlot website
Celeste Carter, National Science Foundation

4:30-5:30 PM  Panel  Mathers
Celeste Carter, David Mogk, Cathy Manduca & Marlene Kayne

5:45 PM  Dinner  DKs at Pearsons

7:00 PM  Dessert at John Jungek’s home  730 Harrison Avenue, Beloit

8:00 PM  Developing White Papers, First Draft  Chamberlin Hall sites
Monday, June 2

8:00 AM  Breakfast  DKs at Pearsons
          DKs hours are 7:30 AM to 6:30 PM daily
9:00 AM  Writing for Presentation of White Paper Ideas  Moore Study Lounge
          A problem orientation approach  2nd Floor Pearsons
          Tie specifically, problems to solutions
          Snapshots/Alpha prototypes
11:00-Noon  Mini posters  Moore Study Lounge
            Architectural concept, proposal, presentational, one page handout
            on components of white paper  2nd Floor Pearsons
12:00-1:00 PM  Lunch  Moore Study Lounge
1:15-2:15 PM  Journal of Young Investigators  Moore Study Lounge
            Joshua Tusin and Renee Mecuri
2:15-3:30 PM  The Access Grid  Ruth Peterson Room
            Terry Disz and Jennifer Teig Von Hoffman
3:30-5:30 PM  BQ Staff to meet serially with each writing group  Moore Study Lounge
5:30 PM  Dinner  DKs at Pearsons
7:00 PM  Panel on impact of BioQUEST Curriculum  Moore Study Lounge
          Consortium on Local, Regional, and National
          Biology Education Initiative
          Pat Marsteller, Don Buckley, Stacey Kiser,
          Linda Weinland & Marion Fass

Tuesday, June 3

8:00 AM  Breakfast  DKs at Pearsons
9:00 AM  Presenting White Papers  Mathers
          Presented from web site submissions
          With thanks to Amanda Everse, Web Administrator &
          Kihachiro Umezaki, Programmer
Noon  Departures of workshop participants

ANNOUNCE:  BQSW 2004: SYSTEMS BIOLOGY begins Saturday, June 13
through Sunday, June 20, 2004 (return to 9 day workshop, regular schedule)
Learner centered curriculum development