



Annual Report 2000

Computing and Information Sciences

April 2001

**Pacific Northwest
National Laboratory**

Operated by Battelle for the
U.S. Department of Energy



Cover Photos: (Upper left) Prototype of a system for biological sample manipulation and DNA detection developed by the Instrument Development Laboratory. (Upper right) The web page where EMSL staff and users submit requests for help to Computing and Network Services staff. (Lower left) The user interface for the EMSL Scientific Imaging software that allows users to remotely control and acquire data from networked microscopes and to view, analyze, and share the resulting images. (Lower right) The user interface for SDMExplorer, a software application that allows users to store, retrieve, and manage data in NWArchive, EMSL's Scientific Data Archive.

Collectively, these photos illustrate the primary mission of the Computing and Information Sciences Program: to provide EMSL with a best-in-class experimentation and computation environment to keep abreast of the ever-expanding role of computing in science.

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under Contract DE-ACO6-76RLO183O

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Annual Report 2000

Computing and Information Sciences

Marty J. Peterson, Interim Associate Director
and the Staff of the Computing and Information Sciences Program

April 2001

Prepared for the U.S. Department of Energy
under Contract DE-AC06-76RL01830

Contents

1. Introduction

Computing and Information Sciences
Program..... 1-3

2. Instrument Development Laboratory

EMSL's Instrument Development
Laboratory
John M. Price 2-1

Pulsed Photoacoustic Spectroscopy
(PPAS) Data Acquisition System
*Derek F. Hopkins, Nancy Foster-Mills,
and Thomas Autrey*..... 2-2

Toolkit for Distributed Microscopy
*Christopher Parkinson, Derek Hopkins,
and John Price*..... 2-3

Automation of Manifold System for
Fourier Transform Infra-Red (FTIR)
Sample Preparation
*Michael E. Conley, James C. Follansbee,
and Beverley K. Taylor*..... 2-5

Photo Acoustic Transducer Modeling
*Miljana Mijic, Thomas Autrey,
Nancy Foster-Mills, John Daschbach,
Gerald Posakony, and John Price*..... 2-6

A Modular Software Architecture for
the Control of Surface Science
Instrumentation
*Derek F. Hopkins, Jim Follansbee,
and John Price*..... 2-8

Automation of the 0.8-meter Telescope
at Rattlesnake Mountain Observatory
(RMO)
*Kenneth Swanson, Norm Anheier,
Jim Follansbee, John Price,
Paul Davis, Cullen Andrews, and
Katrina Hayb*..... 2-9

Developments in Fourier Transform Ion
Cyclotron Resonance (FTICR) Mass
Spectrometry - New Preamplifier
Provides Lower Noise and Higher
Sensitivity
*Gordon Anderson, David Prior,
and Steve Hofstadler** 2-10

Data Dependent Control for FTICR
Mass Spectrometry
Gordon Anderson 2-11

Portable Systems for Biological Sample
Manipulation and DNA Detection
*Jim Follansbee, Norman Anheier,
Derek Hopkins, David Holman,
Jim Eick, and John Price*..... 2-13

Application of Jini Connection
Technology to Networked Sensors
Chris Parkinson and John Price 2-16

Developments in FTICR Mass
Spectrometry—High-Q Heads
*David C. Prior, Gordon Anderson,
and Garrett Knutson*..... 2-18

3. Scientific Data Management

Scientific Data Management:
Preserving Today's Data for
Tomorrow's Research
*Paula Cowley, Dan Adams,
Kevin Walker, Kenneth Swanson, and
Judi Thomson*..... 3-1

Automated Acquisition and Archiving
Management of FTICR Mass
Spectrometry Data
*Paula Cowley, Kenneth Swanson,
Gary Kiebel, and Gordon Anderson*..... 3-3

Graphical and Programmatic Access to
NWArchive through the SDME Explorer
Application
*Kenneth Swanson, Paula Cowley,
and Kevin Walker* 3-5

4. Collaboratory

Collaboratory <i>James Myers</i>	4-1
Real-Time Collaboration <i>George Chin, Brett Didier, Bonnie Hoopes, William Valdez, Michelle Harris, and James Myers</i>	4-3
Remote/Collaborative Instrument Control <i>Shaun O'Leary, Michael Peterson, James Myers, and George Chin</i>	4-6
Electronic Laboratory Notebook (ELN) <i>Elena Mendoza, Michael Peterson, Bonnie Hoopes, and James Myers</i>	4-7
EMSL Virtual Nuclear Magnetic Resonance Facility (VNMRF) <i>James Myers, Michael Peterson, Shaun O'Leary, David Hoyt, Sarah Burton, Joseph Ford, and Nancy Isern</i>	4-11
ELN Integration into Problem Solving- Environments (PSEs) <i>Elena Mendoza, Gary Black, Brett Didier, James Myers, Dennis Soldat, and William Valdez</i>	4-13
Open Metadata-based Data Management <i>Karen Schuchardt, Eric Stephan, and James Myers</i>	4-15
Scientific Workflow Analysis <i>George Chin, James Myers, Karen Schuchardt, David Thurman, David Hanson, and Kerry Steele</i>	4-16
Atmospheric and Impact Assessment Collaborative Problem Solving Environement (CPSE) Conceptual Prototype <i>George Chin, Ruby Leung, Mark Wigmosta, Karen Schuchardt, and Deborah Gracio</i>	4-17

Collaborative Architecture and Infrastructure <i>Brett Didier, George Chin, Elena Mendoza, and James Myers</i>	4-18
Scientific Computing Community Involvement <i>Deborah Gracio, George Chin, Raymond Bair, and James Myers</i>	4-19
Support for EMSL Users <i>Michael Peterson, George Chin, Brett Didier, Elena Mendoza, and James Myers</i>	4-20

5. High Performance Computing

High-Performance Computing <i>Jarek Nieplocha</i>	5-1
Parsoft: Software Tools and Libraries for Parallel Computing <i>Jarek Nieplocha and George Fann</i>	5-1
Extending the DOE-2000 ACTS Toolkit with the Global Arrays Shared Memory Programming Model <i>Jarek Nieplocha and Joel Malard</i>	5-2
A Generalized Portable SHMEM Library for High-Performance Computing <i>Jarek Nieplocha, K. Parzyszek and R. Kendall</i>	5-5
Invariant Discretization <i>Joseph S. Oliveira, and Joel Malard</i>	5-6

6. Computer and Network

Computing and Network Services	6-1
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7. Appendix

Computing and Information Sciences Staff	7-1	Project Leader, High Performance Computing.....	7-2
Interim Deputy Director.....	7-1	Line and Matrixed Staff.....	7-2
Deputy Director	7-1	Publications and Presentations.....	7-6
Technical Group Manager, Computer and Network Services Group	7-1	Publications.....	7-6
Technical Group Manager, Instrument Development Laboratory Group	7-1	Software Publications.....	7-8
Project Leader, Scientific Data Management Group	7-1	Presentations	7-8
Project Leader, Collaborative Research Systems Group.....	7-1	Honors and Recognition.....	7-10
		Acronyms	7-10
		Where C&IS Fits in PNNL	7-11