

7/5/1

Graduate College

Supercomputing Applications Research & Development

National Center for Supercomputing Applications Subject File, 1978-2000

Box 1 :

Planning for Supercomputing Center, 1982-85

Update, 1982

Ken Wilson, 1982

Lax Report, 1982

Linda Wilson, 1982

Mailing List, 1982

Goldwasser, 1982

Japanese, 1982

CDC (Control Data), 1982

CIC and Remote Supercomputing, 1982

MFE (Magnetic Fusion Energy) National Labs, 1982

National Center for Atmospheric Research (NCAR), 1982

HEP (Heterogeneous Element Processor), 1982

CAD/CAM (Computer Graphics), 1982

LLNL (Lawrence Livermore National Laboratory), 1982

Preliminary Notes, 1983

ETA Systems, 1983

Floating Point Systems, 1983

Scientific Need-Control Data, 1983

Keyworth, 1983

Dmitri Mihalas, 1983

Smarr Notes, ca. 1983

Vectorized Monte Carlo, 1984

ELXSI

Other Groups Wanting

Joint Cooperative Agreement, Florida State and Department of Energy, 1984

Matt Weir, 1984

Postulates for Planning, 1984

GR II, 1984

Signature Authorization Cards, 1985

Larry Notes

Research Requests and Allocations by Directorate

Florida State, 1985

Purdue-Cyber 205, 1985

N. Go, 1985

Thomas Baskett, 1985

Wyoming Archive, 1985

Brown Monthly Meetings, 1985 (2 folders)

Timetable

CSO Building, 1985
 ARPAnet, 1985
 Everhart Correspondence, 1985
 High Tech Research Park Design Feasability, Alpert, 1985
 Ronald Kahn, 1985
 Main Files
 Stress Management, 1986
 Scientific Appendix
 Glimm
 Requirements for Astronomy
 Operating System
 LASL Network File System

Publications: NCSA Staff Written or Involved

John Von Neumann Report, 1948
 1986-1988
 NCSA Preprint and Technical Report Series
 1988
 NCSA Published Papers-J. Kogut/K. Hess
 1989
 Alpert-Norman Paper
 Mass Storage System
 Networking: a National Perspective
 Visualization
 1990
 Dynamical Evolution of Boson Stars: Perturbing the Ground State
 Edward Seidel Papers "Oscillating Soliton Stars"/etc...
 Structure & Force Constants for SH & SCH3 Chemisorbed on Au (Iii) Surface
 A Study of the Evolution of a Numerically Modeled Severe Storm
 Supercomputer Workload Decomposition & Analysis
 1991
 Visualization of Parallel Algorithms
 The Decade of Discovery in Astronomy and Physics
 1992
 3-D Hydrodynamical Simulations of Extragalactic Jets
 The 3-Dimensional Interaction of a Supernova Remnant with an Interstellar Cloud
 The C2-diis Convergence Acceleration Algorithm
 Kinetic Isolation: an Efficient Method for Constrained Geometry Optimization
 The Magnetic Collimation of Bipolar Outflows I: Adiabatic Simulations
 NCSA Information Atlas
 A Test Suite for Magnetohydrodynamical Simulations
 Upwind Monotonic Interpolation Methods for the Solution of the Time Dependent
 Radiative Transfer Equation

Zeus-2D: a Radiation Magnetohydrodynamics Code for Astrophysical Flows in Two Space Dimensions. I. the Hydrodynamic Algorithms & Tests

Zeus-2D: a Radiation Magnetohydrodynamics Code for Astrophysical Flows in Two Space Dimensions. II. The Magnetohydrodynamic Algorithms & Tests

Zeus-2D: a Radiation Magnetohydrodynamics Code for Astrophysical Flows in Two Space Dimensions. III. The Radiation Hydrodynamic Algorithms & Tests

Yearbook of Science and the Future

Materials and Science Engineering for the Future

1993

Alpert Paper

CMSTAB Paper-John Towns

Dynamic Large-scale Spatial Modeling of Sage Grouse in a Desert Steppe Ecosystem

A Model Digital Library for a National Scientific Community Proposal to Nsf Digital Library Initiative

Social Sciences and Humanities at NCSA

Using the National Information Infrastructure for Social Science, Education & Informed Decision Making

1996

Collaborative Models for Dynamic, Landscape-Scale Processes

1998

Draft of International Options Paper

Undated

Fluid Dynamical Mechanisms for Knots in Astrophysical Jets (draft)

Gravitational Potential of Clusters of Galaxies

Synchronous Rotation Papers

Videotape: 1. IIPS 2. WILH-K. Droegemeier Numerical Simulation of a Thunderstorm Outflow

Box 2:

NCSA Administration

Accounting, 1981

Annual Space Payment, 1997

Balance of Accounts, 1996

Hardware Payments, 1994

Expenditures, 1985

Cash Income by Source Graph, 1994

Gifts and Grants Lists, 1989

Gratuities Memo, 1989

Reception for Siggraph, 1989

- Accounting/Budget Information Access, 1989
- Other Sources of Funding, 1985
- Petty Cash Receipts, 1985-86
- Raises, 1989-90
- Salary Recommendations, 1989
- Hardware Payments, 1992-96
- Tax-Exempt Status, 1988-89
- Mosaic Revenue Distribution, 1995
- Vehicle Repair, 1998
- Tax-Exempt Status (2 folders), 1988-89

Awards

- Apollo Award, 1985
- Collaboratarism Award, 1985
- Metacenter Awards, 1996
- Infoworld Award, 1994
- NGCA Award, 1991
- Visualization Award, 1989, 1991 (2 folders)
- Nortel Agreement, 1997
- NSF Grant, 1993-94
- Science Highlights, 1988-89
- Award of Excellence, 1988-89

Budgets

- Supercomputing Facility Budget, 1984
- Budget Graphs, 1984-90
- FY 1985 Budget (2 folders)
 - Final Budget
 - Harriett Budget Materials, 11/21/85
 - Draft
 - Budget Split
 - September Issues
 - Budget Commitments, 1985
 - Final NSF/NCSA Budget, 1985
 - Personnell/Funding
- Budget Data, 1985-86
- Budget Projections, 1985-86
- FY 1986 Budget
 - Proposed supplement
 - Expenditures
 - Research science
 - Audit report
 - Supercomputing Applications
 - Research Board
- Funding History
- FY 1987 Budget (2 folders)

- Cray R&D
 - Plan and 5-Year Budget
 - Preliminary Proposal
 - Report to NSF
 - Systems and Services
- Budget, 1987-90
- Budget Priorities Memo, 1988
- FY 1988 Budget (2 folders)
 - State
 - Federal
 - Deputy Director's Office
- FY 1989 Budget
 - Audit Report
 - Budget
 - Procedures and Processes
 - Data
 - State (2 folders)
 - Summaries
 - Education and Outreach
 - Zero Line Budget
 - Tax Hike
 - Request to Use Carry-Over Funds
 - Budget, 1989-95

Box 3:

- FY 1990 Budget (2 folders)
 - Statistics
 - Pending Budgets
 - Funding Allocations/Goals
 - Expense Items
 - Requests
 - Data Bank Releases and Obligations
 - Graphs (5-Year)
 - Monthly Manager's Report
 - Budgets
- Budget Projections, 1990-95
- Data Comparisons, 1990-91
- FY 1991 Budget
 - Budget Review
 - COSA
 - Process
 - Expenditures
 - Expense Items

Final Budget
Director's Office
5 Year Projections
NCSA Grants, 1991

Data:

Academic Program
Administrative Tech Program
Clarifications
Cuts
Details
Campus and NCSA Commitment Memo
Dollars Allocation
Color of Money/IP Cycle
Consulting
COSA
Education Program
FDDI
Finance and Administration Templates
Information and Publications
Must Haves
Publications Group
Questions by AD and Welge
Staffing
Steady State Budget
Systems Development Group
Top 3 and Bottom 3 Lists
Visualization Services
Workstations and Networking

Audit

Impasse

Cuts

Budget, FY1991-95

FY 1992 Budget

Process

Add-On Funding

Networking Budgets

Budget Process, FY 1993

FY 1994 Budget

Education Grant

Supercomputing

Salary Budget, 1995

Budget, FY 1996

FY 1997 Budget

NCSA Support of the U of I

ICR Budget
Historical Aggregate Funding

Box 4:

NSF Budgeted Positions, 1998
Budget Reform, 1998
Budget Allocation, FY1999
Alliance Budget, 1999
NSF Budgeted Positions, 2000
Director's Office, 1987
 Urgent: Center Director's Statement, 1986
 Calendar Memo, 1989
 Priorities, 1990
 Inventory, 1986
 Meeting, 1/28/1987
 Macintosh Standards, 1989
 LS E-mail Account - "Private LS", 1981
 LS Cellular Phone, 1993
 Management Report, 1985
 Hiring
 Director's Office Secretary Job Description
 Student Worker Job Description, 1991
 Extra-help and Student Hiring Policies, 1990
 Staff Restructuring Plan 1/1987
 Telephone Charges, 1988
 Cost Sharing 9/1987
Milestones (E Purdy)
Private Donations
 John Larson
 Kurt Schmidt, 1987
Program Plan Budget, 1986
Signature Cards, 1985
T-shirts, 1989
Organization
 Calendar, 1991-92
 Organizational Charts, 1988
 Goals, 1987
 Consultants, 1987
 Statistics, 1986
 User Survey, 1987
 Research Scientist Meeting, 1987
 Management Structure, 1987
 Management Council, 1991

- Operations Personnel, 1985
- Organizational Issues, (Confidential), 1988
 - Reorganization Draft , 7/24/89
 - Reorganization Memo - 5/29/91
 - Personnel Changes Memo-Lathrop 11/15/91
 - Responsibility Changes - Smarr Memo 9/17/91
- Organizational Plans, 1988
- Applications Software Coordination Office, 1988
- Office of Planning & Policy, 1988
- Organizational/Operational Philosophy (Memo from JB), 1989
- Reorganization, 1987
- Smarr-Badger Split, 1987
 - Budget, 1985
- Staff Benefits
 - Accident Insurance Memo
 - Recruitment Campaign, 1987
 - Retreat Goals, 1996
- VPMR Staff Meeting Notes
- Executive Status Report, 1990
- Planning Documents
 - Program Plan Review Panel (PPRP)
 - Financial, 1996
 - Overheads, 1990
 - Response, 1991
 - Report, FY 1991
 - Outline, 1990
 - 1992
 - Funding, 1991
 - Response, FY 1994
 - Overheads, 1993
 - Ads Goals, 1995
 - Projects List, FY 1990
 - Final Draft Report, 1991
 - Reports and Responses, 1993-94 (4 folders)
 - NCSA Long-range Plan, 1987 (2 folders)
 - NCSA Initiatives
 - NSC Boxes
 - Alliant Deal
 - Program Plans, 1985-90 (30 folders)

Box 5:

- Program Plans, 1991-95 (31 folders)
- Salaries, 1987

Salary Program Academic Year 1993

Salaries, Fy1991

Salary Scale

Staff

Campus/NCSA Personnel Concerns, 1990

Information and Staff Directory, 1991

Centers Staffing Level-JB

Associate Director for S & S Search, 5/1989

Business Office Staff, 10/26/90

Corporate Partner Staff

Rich Dempsey, 1978

Larry Ray

Courier

Schedule 7/18/89

Director's Office Staff, 1989

Directory, 1986-87

Post-Doc and Graduate Students, 1986-87

Former Employees

Bill Allen, 1987

Aaron Contorer, 1987

Karolyn Eisenstein, 1987

Stefen Fangmeier, 1989

Joan Flanagan, 1986

Nora Foreman, 1988-91 (3 folders)

Mike Hart, 1986

Cheri Helregal, , 1987

Richard Isaacson, 1990

Mark Johnson, 1987

Michael Johnson, 1988-89

Ronnie Johnston, 1986

Mabel Jones, 1989

John Larson, 1990

Lee Linton, 1988

Chandra Marr, 1987

Jacinda Marr, 1988

Sibyl Marr, 1992-93

Peggy Olsen, 1988

Roger Ove, 1987-91 (2 folders)

Ove Post-doc Position, 1985

Letters of Recommendation, 1988

Gaige Paulsen, 1988

Stephanie Petefish, 1991

Evelyn Purdy, 1988

Leonard Rosenthal, 1986

Shelley Shields, 1990
Penny Shrawder
Nancy St John, 1987
Jeff Simon, 1990
Rick Swirtz
Barbara Sykes, 1989
Theresa Todd, 1991
 Theresa Todd Evaluation 7/17/91
Craig Upson, 1986-88
Harriett Weatherford, 1989
Karl Heinz Winkler, 1989-90
 Calendar, 1989
 Visit 4/18/89
 Testimony, 1989
 Leaving K Austin
Mary Lou Young
John Ziebarth, 1994
Current Employees, 1991
 Staff Listing, 1990
 Dan Alpert, 1989
 Alpert Appointment, 1989
 Performance, 1984
 Alpert Letter of Recommendation, 1990
 Alpert Letter to NCSA Subcommittee, 1995
 Alpert Role, Fall 1990
 Possible Post-Doc, 1990
Michael Aper, 1987
Jim Bottum, 1985-89
 Background Report, 1991
 Cohen Memo, 1989
 Salary
 “Color of Money” Memo
 Ad Plans, 1990
 NCSA/Defante Alliance, 1988
 Briefings, 1988
 Do Lists, 1989
 Memo to LS, 1989
 John Stevenson Comments, 1988
 Memos, 1988
 Memo to Staff Regarding RIF 4/2/93
 Larry Smarr Correspondence, 1991
 Kudos to Staff, 1990-92
 Directional Statement Memo, 1992

Box 6:

Robin Barger (Personal and Confidential), 1994
“Newton” Session, 1988
Appointment of Ombudsman, 1990
Institutional Contact List

Rachael Brady, 1992

Maxine Brown, 1990
Brown Visualization Paper-comments, 1990
Proposed Projects, 1993-94
Reappointment, 1989

Vernon Burton
Appointment Offer, 1989
Appointment Request, 1991
Census Project Meeting, 1990
Census Database Project
Oak Ridge National Laboratory, 1989
RiverWeb Team, 1997
Social Science Computing

Colleen Bushell, 1993
Bushell Hci Oct 92 Email

Patti Carlson, 1991

Charles Catlett
Activities
Catlett Letter of Recommendation, 1992
Networking Background
T-3 NSF Net, 1990
Letter of Reference, 1999
Letter of Resignation, 1999
EPIC Proposal Feedback, 1989

David Ceperley
Ceperley Visit March 11-13, 1987
Congratulations, 1991

Steve Christensen, 1990-91
Christensen/Sloan Grant, 1985-91
Sun Recommendation, 5/6/88
1974-88
Non Re-Appointment, 1989
NSF Proposal, 1987
DoLists, 1985

Sunny Christensen, 1987-88

Jarrett Cohen, 1991

Donna Cox, 1987-91
Home Workstation, 1989
IMAX Film Background, 1992
Interdisciplinary Research, 1985-86

Letter of Recommendation, 1988-92
Chet Gardner Letter Concerning Sharon Tipsword, 1992
Professor Letter, 1993
Tenure Letter, 1988-89
SGI Classroom Upgrade Letter to Forest Baskett 3/18/93
Sabbatical, 1993
Visualization for the National Metacenter Proposal, 1992
Gunsalus Letter, 1992
James Crowder, 1993
David Curtis
Curtis Email: Poss Gigabit Testbed Video, 1992
Meeting, 1993
New McRae Tape, 1990
Kudos Letter, 1993
Bill Dean, 1990
Linda Griffet
Vacation, 1995
Ginny Hudak-David, 1990
Ilhan Dilber, 1989-91
Ernesto Esteban, 1989
Roman Duszek, 1988
Brand Fortner, 1991
Letters of Recommendation, 1992
Resume
Timothy Gallivan, 1991
Jackie Gladin, 1989
Mary Delay-Goodstein, 1989
Sue Greenberg, 1993
Bob Haber, 1988-89
Resignation, 1991
Report of Non-University Activities
Joe Hardin
Hypermedia Services Email Dec 1992
Karen Hawthorne, 1990
Michael Heath, 1992
Lloyd Hodges
Lloyd Hodges' Protest, 1990
Carl Hoyer, 1989
Eric John, 1991
Melissa Johnson
Awards at Chicago Chapter's 20th Annual Tech Art Competition, 1993
Mark Kendrat, 1996-97
Alan Klietz, 1988-89
Rick Kufryn, 1989

Lex Lane
Lex Fish Screen Saver, 1990
Scott Lathrop, 1989
Deborah Lee, 1989
Zhi-pei Liang (Post-doc Position), 1989
Melanie Loots
Appointment Request, 1997
Application, 1989
Etta Mays, 1998
Dave McWilliams, 1987
McWilliams Sabbatical Email, 1990
Michelle Mercer, 1988
Barbara Mihalas, 1985-87
Correspondence, 1985
Marcia Miller, 1992
Radha Nandkumar, 1985-87
Activities
Supercomputing Conference, 1990
Performance Evaluation, 1990
Yuching Ni, 1996-97
Mike Norman, 1991
Astro Appointment, 1991
Resignation Letter 1989
Correspondence, 1986-87
Norman Grant Request, 1986
UR & Cosmology, 1993
Susan Tharp, 1985
T J O'Donnell, 1987
Miyoung "Mia" Oh,
Clint Potter, 1989
Marvis Rhodes, 1998
Beth Richardson, 1986-87 (2 folders)
Nora Sabelli, 1993
TERC High School Network Project, 1989
Stanford Trip Report, 1990
Sabelli NSF Position
Visit to Jackson State University, 1989
Report of Non-University Activities, 1990
Living Laboratory Email Feb 92
Bruce Schatz, 1991, 1994 (3 folders)
Howell Sellers, 1990-92 (3 folders)
Larry Smarr (Director of NCSA)
Biography
Schedule

- Calendar Events, 1989
- Life Calendar
- Calls–Urgent, 1987
- Salary, 1986
- Smarr/Badger Relationship
- Salary (Confidential), 1995 (3 folders)
- Memo from Patti
- Mike Smith, 1985, 1992-97 (2 folders)
- John Stevenson, 1985-98 (4 folders)
- Mark Strakam 1989
- Mark Stupar, 1990
- Shankar Subramaniam, 1991
- Sundararajan Sukumar (3 folders), 1991
- John Towns, 1990-97 (2 folders)
- Jan Wehmer, 1985-88 (2 folders)
- Michael Welge, 1988-90 (4 folders)
 - Welge Transition
- Patricia Wenzel, 1986-89
- Larry White, 1988-91 (2 folders)
- Lou Wicker
 - Wicker Letter of Recommendation, 1991
- Bob Wilhelmson, 1987
- Ginger Winckler, 1988
- Potential Staff Members, 1987
 - Bridget Olivia Carragher, 1991
 - Research Scientist Applicants, 1986
 - DeForcrand-Quantum, 1986
 - Diercksen, G.H.F., 1986
 - David Feller, 1986
 - Terry Lybrand-Chemistry, 1986
 - Pantelides, Socrates-Quantum, 1986
 - Michiel Sprik-Quantum, 1986
 - J J M Verbaarschot-Quantum, 1986
 - Science Writer Applicants, 1986
- Recruiting
 - Affirmative Action, 1990
 - Current Open Positions, 1991
 - New NCSA Positions as of 4/1990
 - Staffing Priorities for COSA Organizations, 1991
 - Job Description, 1979
 - Offer Letters, 1997
 - Bruce Hannon
 - Sandra Kappes
 - Jerry Sheehan

Supercomputing Staff Ad
 "NCSA is Hiring"
 Rejected Support, 1986
 Visiting Research Scientist, 1988

Box 7:

Director's Policy Meeting, 1990
 All Staff Meeting, 1987, 1988 (2 folders)s
 Director/AD Meetings 1/7/93
 JB Meeting 1/29/91
 JB/LS Meeting 2/22/91

Buildings

Governor's Office–NCSA Building–High Priority, 2000
 Building Programs, 1999
 Brown BI Follow-up Letter, 1989
 ECE/NCSA Building
 Space Options Plan, 1984
 Advisory Inspections of the Astronomy Building, 1990
 Addition to CAB, 1989
 Machine Room Photos, 1991
 Proposed Lease in Ballston Tower, Arlington, VA, 1997
 Buildings, 1987
 Brown re: Space, 1987
 IRC Humidity problems, 1988
 Parking
 BI Parking, 1988
 Space Plans, 1987-98 (5 folders)
 Astronomy building, 1985-89 (2 folders)
 Computer Applications Building, 1989, 1994 (2 folders)
 NCSA Floor Plans A& B (2 folders)
 Machine Room Floor Plans,
 CSO Building
 Departmental Substations
 Future Expansion
 Space, 1988
 Reconstruction Plans, 1995
 Plans, 1991 (2 folders)
 Funding, 1985
 BI Requests, 1989
 P. Phillips Plan, 1978
 Second Floor Astronomy Building, 1985 (2 folders)s
 Water Resources Building, 1987
 Move
 Remodeling, 1985, 1993 (3 folders)

- East Wing, 1987
- West Wing
- Floor Plans
- Phones, 1985-88
- Stick Building for Staff, 1985
- Short-Term Space Needs
- Director's Office Floor Plans, 1986
- Central Administration
 - UIC/NCSA Agreement Draft, 1988
 - Corporate ID, 1995
 - Non-Disclosure Agreement Memo, 1991
 - Finance and Administration Department Restructure, 1989
 - Human Resources
 - Shared Benefits Program Info 11/9/93
 - Training, 1988
 - Events
 - Meeting 5/18/93
 - Affiliates Programs, 1988-89
 - Connection Machine Training, 1990
 - Comprehensive Consulting Association, 1987
- Committees
 - Advisory Council
 - 1989 July Meeting
 - 1988 December Meeting
 - 1986 October Meeting
 - 1986 September Meeting
 - Apps Council-LS Memo, 1991
 - CTSS Study Group
 - DOM, 1987
 - Reports, 1988
 - Faculty Supercomputing Committee, 1985
 - 1985 December Meeting
 - Faculty Programs, 1990
 - Peer Review Board
 - March 1991 Data
 - September 1990 Allocations
 - June 1990 Allocations
 - Barry Klein Visit 9/27/89
 - 1988 June Meeting

Box 8:

- Cray Allocations, 1986
 - Allocations by College (PW Charts), 1986

- Cray Users, 1986
- User Letters, 1989
- Cray 2 Problems, 1990
- Cray 2 Usage Problems, 1990
- NCSA Academic Affiliates Program Members, 1987
- Radha Wenzel Graphs, 1993
- Y-MP Press Releases, 1990
- Documentation, 1985
 - Calendar, 1989-90
 - Documentation Planning
 - Description For Programs, 1989
 - Mission Statement, 1990 (2 folders)
 - Access, 1987, 1990
 - Index, 1992
 - Access Review (Radha's Article: "Profile of Our Largest User Community", Computational Physics @ Issue), March 1991
 - LS Edited Version of Radha's Article (Labeled-edited Version: Access Article), 1991
 - Onstadt Article, 1991
 - Data Link, 1990
 - Technical Resources Catalog, 1990
 - Applications Software on the Cray Systems, 1990
 - March Software Review, 1991
 - Online Documentation on the Cray Systems, 1989
 - Software Manual, 1981
 - New Logo, 1995
 - Online Program for Documentation, 1990
 - MetaCenter Online, 1994
 - Functions Review-Summary, 1989
 - Videotape, 1986
 - (includes Master Broadcast Video Cassette on Super Computer, 1986)
 - Realtime, 1992
 - Realtime Brown Bag, January 1991
 - Realtime Cassette Distribution E-mail, 1990
 - Realtime #5 Video Magazine, 1992
 - Newsletter, 1986
 - Applications Newsletter, 1990
 - Staff Newsletter, 1988-89
 - Newsletter Suggestions (Maxine), 1987
 - Science Call for Images, 1990-91
 - 4-page Description, 1985
 - Brochure/Booklet (Galley Proof), ca. 1988
 - "This Is NCSA" Brochure, 1988

Box 9:

User Documentation

1991 Unicos Update (April)
 1988 Unicos Migration Plan
 1987 January User Bulletin
 1986 July User Bulletin
 1986 May User Guide
 1986 January User Guide
 1986 Sept User Survey
 1985 Sept-dec Facts Sheets
 1985 October Timetable
 CTSS manual (missing)
 Supercomputer Terminology
 Science Annual Report 1988
 Science Highlights 1988
 Science Highlights 1989

Box 10:

Education

Supercomputing Education Projects Program
 Networking for Schools, 1992
 College of Education Faculty Involvement Elementary Program, 1992
 King School Letter, 1991
 Leal School Letter, 1992
 Education Affiliates Memo, 1991
 Preliminary Report: REU Supplement Grant-High Performance Computing &
 Elementary Education
 Sabelli's Letter of Intent: Middle Schools Program, 2/5/91
 NSF Workshop on the Role of High Performance Computing in Education-Scott
 Lathrop (Scott Lathrop Memo), 1990
 Report of the Computer Science and Education Workshop Oct 28-30 1990-91
 VAX Migration Plan, 1990

Geographical Information Systems

GIS Sim Community Planning Meeting, 1993
 GIS/CERL
 Biodiversity and Ecological Modeling Lab (CERL), 1993
 Hardin/Wooley Project Planning, 1990
 Project Direction, FY 1990

Groups

Applications Group,
 Newsletter, 1990
 Parallel Group, 1991

Science Group

- Clerical Changes./Reporting Command, 1989

- National Research Initiative (NRI):

 - Proposal, 1989

 - End Game, 1990

 - Kuhn Visit, 1990

 - Paper, 1990

 - Blanca Proposal, 1990

 - Blanca Testbed Annual Report, 1990-91

 - Blanca-Rupert, 1990

 - Updates, 1980

 - HDF, 1990

Global Socio-Economic Group:

- Meeting, 1989

- Report, 1989

Science Group Proposal, 1988

Systems Group, 1990

- Polly Baker, 1990

- David Garver, 1990

- Film Records, 1990

- Software Policy, 1990

- Apple Talks–E-Mail System, 1990

- DBIL Figure Images, 1990

- Radha FMC Talk, 1990

- Presentation Server

 - Workstation Census, 1989

 - Workstation Survey, 1989

Networking Group

- Charlie–Networking Notes, 1992

- Campus Hookups, 1985

- Plans, 1985

- Networking, 1985

- Security, 1994

- MS II, 1990

- FDDI, 1990

- NSC/HiPPI, 1990

- CM-II HiPPI, 1990

- Database

 - Mass Storage Plans, 1989, 1990 (2 folders)

 - Sybase Budget Database, 1990

 - Requirements

 - RCA Optical Systems, 1989

 - Remote Databases, 1989

 - MIS Plan, 1989

- Optical Disc Technologies, 1989
- Software Tools Group
 - Project Direction, FY 1990
- Software Development Group
 - NCSA Software Improvement Ideas, 1989
 - Software, 1992
 - IDL Software, 1992
 - Virtual Environment Group, 1993
 - Visualization and Virtual Environment Task Force Report, 1993
 - WSNET, 1991
 - Prototype Group Practice Plans, 1996
 - Cooperative Agreement, 1994
 - Future of SDG, 1984
 - Revenue Distribution. 1993
 - Andyne GQL, 1992
 - “Changing the Way You See Science” Brochure
 - Digital Library Support, 1992
 - Mac Project, 1989 (2 folders)
 - Mac E-Mail Project, 1989
 - Presentation Graphics Project, 1989
 - Software Standards, 1989
 - Software Project, 1989
 - Foxbase, 1989
- High-Performance Computing & Communications Visualization Project (HPCCV), 1990-91
- History
 - History of NCSA Proposal to the Corp. for National research initiatives
 - Tina Gunsalus - History of NCSA, 1985-89
 - NCSA History draft, 1985-91

Box 11:

Memos

- Hiring Freeze Memo 5/7/91
- Reduction in Force 5/17/90
- Staff E-Mails, 1987
- Superior Performance Increase Memo-D Lee 12/2/91
- Grand Opening, 1985-1986 (5 folders)
 - Arthur C Clarke, 1986
- Homepage, 1996
- Recycling, 1990
- National Conferences
 - Supercomputing '90
 - IEEE Committee on Supercomputing, 1990
 - CASC Meeting, 1990

- Center Director's Roundtable, 1990
- Buzbee Supercomputing Meeting, 1992
- DARPA Meeting, 1990
- Silicon Graphics Inc (SGI) Meeting, 1990
- CRSC, 1990
- Federal Supercomputing Centers Meeting, 1990
- Fan Mail, 1986-87
- Open Meetings, 1985
 - Letter to Michael McGrath, 1992
 - Scenario #2-System Development, 1990
 - Staff Meetings, 1986
 - 1990 August 3
 - 1986 September Allerton Retreat
 - Weekly Staff Meetings, 1985-87
 - Staff Appreciation Day, 1989
 - New Ncsa Videotape
- Networking
 - FDDI Network, 3/7/91 Update
 - Problem Reporting and Escalation Procedures, 1989
- Supercomputing Journals
 - International Journal of Supercomp Applications, 1988
 - Artificial Intelligence, 1987
 - Computational Chemistry Program, 1989
- Seminar Series
 - Future Seminars
 - Previous Seminars
 - 1988 June NCSA Summer Institute
 - 1988 Numerical Applications Seminar
 - 1987 June NCSA Summer Institute
 - 1986 June Cray Training Seminar
 - 1986 June NCSA Summer Training Seminar
 - 1986 October Fluid Dynamics
 - 1986 Bio-med Imaging Workshop
 - High Speed Computing
 - Rivers, 1987
 - Interactive Visual Supercomputing, 1987
 - Haber Article, 1988
 - Workshops
 - 1986 April NCSA - CSRD
 - Scientific Applications and Algorithm Design Workshop
 - J A Mccammon
 - Grantmanship, 1989
 - Visualization Symposium, 1988
- Security

- NCSA Security Policy and Procedures March 1991 and June 1993
- Concerns, 1993
- Plan and Supplementation
- Meeting and Discussion, 1980
- CAB Security, 1989
- Gulf War Security Procedures, 1990-91
- Second Floor Astronomy, 1985

System Components

- Benchmarks, 1986
- Cray X-MP 24, 1985
 - Configuration, 1986
 - Cray Telnet Program
 - Reliability Stats, 1986
 - Security and Use
 - Early Cray Operating System, 1988

Cray X-MP 84

- CPU Response Time, 1988
- Selling Cray I Cycles, 1987
- Solid State Storage Device, 1987

Chips, 1984

Front-End Systems

- Front-end Description-Connie Falk, 1988

Hard Copy

- Polaroid Palatte, 1986
- Laser Disk, 1982
- Microfische, 1985
- Plotters, 1985

High Speed Graphics, 1986

- Dunn Color Film Recorder, 1986
- Gould, 1986
- Gould Proposal, Visualization Project, 1986
- NSF Ultraspeed Graphics Proposal, 1986

Raster Image Format, 1986

- Hdf Article "The Data Problem" from Unixworld Connectivity 1990

Visualization Group

- Visualization Group Fy 91 Program Agenda and Related Materials
- Possible 1992 Visualization Class

Databases

- Tools (Sybase), 1985-90
- Foxbase/Mac, 1989
- DBase Mac, 1989
- Mass Store, 1987
- Exabyte Mass Store, 1987

- IEEE Conference
- Mass Storage Plans Feb 92 Email
- Image Database Aug 92 Email
- Manufacturers
- Masstore
- Mass Storage Upgrade Proposal, 1988, 1994 (2 folders)
- References, 1985

Network

- Administrative Computing Network, 1988
- Arpanet, 1985
- Cab Network, 1986
 - Cab Reconfiguration, 1988
- Campus Network, 1987
- Cicnet, 1986-87
- Csnet, 1987
- IBM Network, 1986
- IRC Network, 1987
- Kahn/NSF High Speed Networking Proposal, 1987
- Mail, 1986
 - Cyber Mail
 - Mail System, 1989
 - LS Email Reduction
- National Network, 1991

Box 12:

Industrial Program

- Applications, 1988-91 (3 folders)
- Budget Templates, 1990
- Contracts:
 - NCSA Industrial Agreement Memo, 1997
 - Contract Processing, 1992
 - NSF & Industrial Program, 1991
 - Industrial Program Review, 1995
 - College of Commerce and Business Administration, 1996
 - Contracts and Amendments, 1992. 1994 (2 folders)
 - PACI Alliance
 - IP/PACI Concerns 7/10/96
 - IP/PACI Update, 1997
 - Operating Agreement/Schedule C, 1996
 - Renewal Documentation, 1995
 - Industrial Affiliates Program, 1985
 - Stevenson's Corporations, 1987

Monthly Marketing Report, 1991-92
Schmitt Talk Proposal, 1988

Industrial Partners

Organization, 1996

Allstate Insurance Co.

- Contracts & Amendments, 1997-98
- Correspondence, 1997-98
- Projects file,
- Operations Agreement, 1997
- Usage Data, 1997-98
- Visit 4/25/96
- Honorarium Invoice for L. Smarr, 1998
- Grand Challenge Award, 1998
- 11/12&13/96 meeting at NCSA

American Airlines

- Contracts and Amendments, 1995
- Correspondence, 1995
- Usage Data, 1995-97

Army Computing Center Proposal, 1989

Amoco Corporation

- Program Agreement, 1988
- 10/19/90 Ny Times Article
- Correspondence, 1989-90
- Amoco Visit to NCSA. 4/7/93

Caterpillar Inc.

- Contracts & Amendments, 1993-95
- Contracts Summary, 1989
- Correspondance, 1989-97
- Visit to NCSA 10/2/97
- Caterpillar Literature, 1997
- Usage Data, 1993-96
 - Nostran Usage, 1991-92
- Engine Project, 1993
- Future Projects, 1995
- Project Overview, 1995-96
- Complaints, 1995
- Grand Challenge Award, 1998
- Strategic Planning/Teleconferencing Plan
- Cat Meetings, 1990
- Cat Overheads, 1990
- Caterpillar Talk Spring '93 "Goals"
- Technology Conference, 1993
- Grand Challenge Award, 1999
- University Relations Brochure, 1996

The Dow Chemical Company
Contracts & Amendments, 1991-92
Correspondence, 1991-94
Annual Reports, 1989
Dow Background, 1990
Dow Visits
 8/14 & 15/90
 9/19 & 20/90
 10/14 & 15/91
Dow Meetings, 1992
Dow Dinner Meeting 4/10/91
Dow Projects, 1992
Usage Data, 1996
 Usage Documents, 1993

Box 13:

Ford Motor Co.
Contracts & Amendments, 1997-98
Project Goals, 1997-98
Correspondence, 1997
News Articles, 1997
Welcome Packet

J.P. Morgan
Proposal, 1998
Background and Brochure, 1994-95
Contracts & Amendments, 1992-96
Correspondence, 1995-97
Meetings, 1996
Projects, 1995
Usage Data, 1995-96

McDonnell Douglas
McDonnell Douglas Visits to NCSA, 1996 (2 folders)
Welcome Packet, 1996
Contracts & Amendments, 1996
Correspondence, 1997
Usage Data, 1997 Motorola
Background and Organization
Industrial Program Agreement, 1987
Contracts and Amendment, 1992-95
Correspondence, 1990
Science Advisory Board Meeting. 10/19/89
Bill Howard Visit to Ncsa 4/24/90
Envoy, 1995
Supercomputer Interconnect 10/23/89

- National Challenge, 1994
- Motorola Award 4/6/95
- Electromagnetics Study, 1990
- Complaints 1989
- Security, 1990
- Meeting 9/19/94
- Usage Data, 1991-96

Monsanto

- Articles and Background Info, 1997-98
- Contracts & Amendments, 1996-97

Eastman Kodak Company

- Supercomputing Analysis, 1988
- Negotiations, 1990
- Contracts & Amendments, 1986-96
- Correspondence, 1994-95
- Kodak Restructuring, 1989-90
- Grand Challenge Award , 1996
- Lemelson Prize, 1994-95
- Research & Projects, 1997
- Visualization
- Trip Report 12/89
- Usage Data & Documents, 1992-94

Eli Lilly and Company

- Contracts & Amendments, 1988-94

Box 14:

- Correspondence, 1990-98
- Eli Lilly Security, 1993
- Trips and Visits
 - Lilly Visit to NCSA 10/11/95
 - Lilly Visit to NCSA Re:Focus V 10/7-11/91
 - Lilly Visit to NCSA Re: Focus Iv Training Agenda 5/12/92
 - LS Trip to Lilly 10/12/90
 - Lilly Visit to NCSA 6/90
- Lilly Projects, 1991
- Lilly/ Shankar Meetings, 1991
- Lilly SCI Publications, 1991
- Usage Data & Documents, 1991-95

FMC Corporation

- Review, 1992
- Progress Report 1990
- Visit, 1990
- Voice Phone Info, 1991

News Articles, 1991-94
 Virtual Prototyping, 1995
 Proposal, 1993
 Contracts & Amendments, 1992-98
 Usage Data, 1994-95
 Flow 3D Use, 1992
 Noshan Usage, 1991-93
 Meetings
 1994 Meeting
 10/2/91
 1990 Meeting
 1983 Meeting
 Phillips Petroleum
 Contracts & Amendments, 1992-97
 Correspondence, 1991
 Trip to Phillips 1990
 Projects, 1990
 Usage Data, 1996-98
 Schlumberger, Ltd.
 Contracts & Amendments, 1993-97
 Correspondence, 1992
 Projects, 1992
 Usage Data, 1992
 Vision, 1997
 Visiting Info, 1992
 Sears, Roebuck & Co.
 Contracts & Amendments, 1995-97
 Correspondence, 1995-96
 Sears Visit, 8/22/95
 Industrial Grand Challenge/Award, 1998
 Usage Data, 1997
 Source Day Agenda, 1999

Box 15:

Shell Oil Company
 Contracts & Amendments, 1998
 Correspondence, 1996
 Visit, 5/21/98
 Project Goal, 1997
 Fee Schedule, 1997
 Shell Workshop Jan.1987
 Usage Data, 1997
 Tribune Company, 1995

- Tribune Project Proposal and Status, 1995
- Project Goal, 1997
- Tribune Plan, 1997
- Tribune Talk, ca. 1997
- Contracts & Amendments, 1997
- Correspondence, 1994
- Tribune Visit, 1994
- Tribune Literature Confidential, 1996
- User Data, 1997
- United Technologies Corp.
 - Contracts & Amendments , 1995
 - Correspondence, 1985
 - Usage Data, 1997
- IP Executive Committee (IPEC) Meetings
 - Annual Meeting, 1990-97 (12 folders)
 - Mary Vernon Acceptance to Join Executive Committee (7/9/96)
- Industrial Partner Goals Past & Future
- Industrial Partners Meetings
 - IP Annual Meeting (4/26 thru 29/99)
 - Annual Meeting (J. Stevenson & D. Brown 2/26/97)
 - Tech Meeting Agenda(1997)
 - Lobbyist Meeting (2/94)
 - Round Table (10/90)
 - "Partnership for 1990's" Meeting 4/24 & 2/5/90

Congress & Government

Federal

- Advance Congressional Budget Update (NSF) 87
- Bush/Computer, 1991
- Clinton Remarks, 1991
- Congress FY91 Budget
- 1988 Congressional Action
- 1989 Congressional Action
- 1987 Congressional Battles
- 1989 Congressional Funding
- Congressional Initiative
- Congressional Staff, 1992
- Congressional Testimony
 - 1984 Congressional Testimony
 - 1985 Congressional Testimony
 - 1987 Congressional Testimony

Box 16:

- 1988 Congressional Testimony

1989 Congressional Testimony-Clark
 1990 Congressional Testimony for the National High Performance Computing Tech
 Act
 1993 Congressional Testimony-Karin
 1996 Congressional Testimony
 Everhart Congressional Testimony
 Congressmen
 Alexander, Paul
 Bohren, Senator
 Bruce, Terry, 1988
 Garza, E De La, 1985
 Gingrich, Newt, 1993
 Gore, Albert, 1985
 Gore 91 Hearing
 Gore II-reply to Nelson, 1992
 Gore Campaign, 1991
 Gore Bill, 1989-90
 Gore Bill/HPCC in Congress 91
 Gore Bill-Wolf Testimony, 1989
 Gore Letters, 1990-95
 Gore (Senator) 9/16/88--nas Sc Symposium Speech & August 11th Congressional
 Hearing
 Gore & SCI/Tech Policy, 1988
 Legislation & Speeches, 1988
 S4-Gore II, 1993
 Proxmire, William, 1988
 Ctc Smartnodes Meeting 7/16/94- Borchers, 1994
 Federal Agencies,
 AAAS(American Association for the Advancement of Science), 1989
 Army CERL, 1993
 ARPA (Advanced Research Projects Agency) BAAs (Broad Agency
 Announcements), 1994
 DARPA (Defense Advanced Research Projects Agency), 1990
 DARPA Announcement, 1991
 DARPA BAA, 1991
 DARPA/ISTA BAA Proposal Submission Deadline Extension 2/25/91
 DARPA Proposal Response Letter, 1991
 Poss DARPA Grant-zeus Funding Opportunity
 DASC FY90 Grants
 Department of Defense
 Air Force Office of Scientific Research (AFOSR) Topics of Interest
 ARL, NCSA Participation at, 1995-96
 Army Center, 1993
 ARPA Broad Agency Announcement 1996-03

The Biology Workbench, 1995
 Cewes, NCSA Participation at, 1995
 DOD CTAs, 1996
 High Performance Computing with DODAgenda,
 Hpc Contributions to Dod Mission Success 1998
 Hpc Dod Mission Success 1996
 DOD Hpc Modernization Program Plan 1998
 Intelligent Metacomp Testbed, 1995
 DOD Modernization, 1994
 DOD Muri, 1995
 DOD/NAS Security Update, 1985
 NSF 95-128 Cs & E Post Doct Association, 1995
 Pre-service Teachers at NCSA, 1995
 DOD RFP, 1994
 Standard Research Agreement, 1991
 Subcontract Re: Asc (Wright-patt AFB)
 Supercomputing DOD Funding, 1982
 DOD User Meeting 11/6-8/96
 The Vaults at W.p.a.f.b. 5/29/96

Department of Energy
 Grand Challenge, 1992
 Invitation, 1994
 Labs Future, 1991
 Llnl & Joint Doe/nasa Press Release on Atm Services
 NGI Request, 1997
 Chammp (Computer Hardware, Advanced Mathematics and Model Physics)
 3/14/90
 Senate DOE Committee, 1990
 B.B. Simon Doe, 1991
 Supercomputer: DOE, 1984
 Superlab

EPA (Environmental Protection Agency), 1989
 National Academy of Engineering (NAE)
 Bromley Science Nugget, 1990

NASA (National Aeronautics and Space Administration)
 NASA Ames, 1990-94
 NASA/Goddard Space Flight Center-candidate for Head of the NASA Space &
 Earth Sciences Supercomputing Center Solicitation Lter
 NASA Information Power Grid Proposal, 1998
 NASA Jpl- Comp Challenges in Earth Sciences, 1996
 NASA Langely Cat/NCSA, 1991
 NASA Letter, 1995
 NASA Letter of Rec, 1995
 Saga: a Project to Automate the Manaement of SW Production Systems 1984

Mid-Year Report NASA Grant Nag 1-138
 Space Station vs Space Science 5/91
 National Bureau of Standards
 National Research Council (NRC)
 Ann Barber Recommendation 1/17/90
 Astronomy Panel
 NASA Meeting Notes, 1990
 Astro Paper, 1990

Box 17:

Astro Paper-Press Draft, 1990
 Astronomy & Astrophysics Survey Committee Computing & Data Processing
 Panel Meeting 5/11/90
 Bahcall Report (3 folders), 1990
 Astro & Astrophys Survey Committee 6/15-16/90
 Commission on Geosciences, Environment, & Resources (CGER)
 NRC-commission on Ger Annual, 1992
 CGER Coastal Zone Followup, 1992
 CPSMA (Commission on Physical Sciences, Mathematics &
 Applications)-decide on CPSMA, 1990
 CPSMR (Commission on Physical Sciences, Mathematic & Resources), 1990
 Computer Network
 Congressional Research Service Issue Brief: Research & Development Funding
 FY1991 2/16/90
 Coordinating Council for Education
 Joseph/Benjy Oped NAS, 1992
 NAS Op-ed, 1991
 NRC Convocation, 1993
 EOSDIS (Earth Observing System Data and Information System)
 Eos Review, 1990
 Global Modeling Conf Smarr Notes, 1989
 Global Warming Background, 1989
 Global Change Meet 9/18, 1989
 Global Change, 1989
 EOS Report Comments, 1990
 EOS, 1990
 Committee on Global Change Ad Hoc Eos Review Panel 4/9-11/90
 EOS NRC Committee, 1990
 Phil Stone-DC Stuff, 1990
 Larry Cox Statistics Proposal, 1989
 President's Circle Decline, 1989
 Ad Hoc Eos Review Panel Meeting 2/26-28/90
 HPCC (High Performance Computing and Communications Council) Panel,
 1994
 Sid Karin Fax, 1993

NRC Stuff, 1990
 NRC & Video Teleconf, 1991
 Office of Computer & Information Technology Strategic Plan '93
 NRC "Opportunities in the Hydrologic Sciences: Executive Summary" 2/25/91
 NRC Reports, 1987
 National Science Board (NSB) Visit 4/19/89
 National Science Foundation (NSF)
 Congress Spring 89
 NSF Funding, 1993
 NSF/NCSA WWW Federal Consortium, 1995
 NTIA (National Telecommunications & Information Administration), 1994
 Proposal, 1995

Box 18:

National Institute of Health (NIH)
 NLM (National Library of Medicine), 1989
 Org Chart, 1989
 Call Raup at NIH, 1989
 George Michaels, NIH, 1993
 NIH Mpp Resource, 1992
 Schuten Meeting 8/21/92 NIH Resource Proposal
 Office of Science & Technology Policy (OSTP)
 HPCC Fy1995 Implementation Plan 4/94
 HPCC Information Infrastructure Tech & Applications 2/94
 Ostp HPCC Program, 1989
 HPCC Program Successes 6/94
 HPCC: Toward a National Info Infrastructure 1994
 Pcast HPCC Panel, 1991
 Office of Technology Assessment (OTA)
 Paper - "Seeking Solutions: High-performance Computing for Science", 1990
 Basic Research Report - January 1991
 Gordon Cook-OTA, 1990
 Ota Meeting 3/9/90
 Ota Report "Federally Funded Research: Decisions for a Decade, 1991
 Usgs (United States Geological Survey), 1987
 Fed Govt & Research Universities, 1992-93
 Fy 89 Federal Language
 Government Reports on Supercomputing, 1987
 Hearing-Bromley, 1990
 House Bill #2203, 1997
 Library of Congress "Delivering Electronic Info in a Knowledge-based Democracy"
 7/14/93
 Presidential Report, 1998

Science Program,
Hughes EOSDIS, 1990
Human Brain Project, 1991
Human Genome Project
National Center for Human Genome Research, 1989
Scientists & Engineers for Clinton/Gore, 1992
Washington Update, 1991
White House Critical Technologies, 1991
White House Press Release, 1993
XIWT-Kahn, 1993

State

Budget: State of the State 2000 Budget Brief
Governor's Report, 1985
Illinois Congressional Delegation Briefing Paper, 1988
Illinois Congressional Briefing, 1988
Illinois Department of Transportation (IDOT)
Advance Semi-annual Briefing, 1993
Illinois Economic Development
State Internet
Secretary of State
Jim Edgar Visit 3/9/88
State Agencies
Governor's Commission on Science & Technology, 1987
State Initiative, 1989
Institute for Illinois, 1993
Egils Milbergs 12/11/87 Visit, , 1987
100th Congress - IPGA, 1987
Department of Commerce & Community Affairs, 1989
State Legislature, 1988
Tim Johnson, State Representative 104th, 1988
Mays & Donahue Visit 3/11/88
Severns, Novak, Granberg 2/5/88 Visit
Michael J Madigan, 1988
State Program
Dupage Center, 1989
Effingham Computing Consortium, 1989
State of Illinois Program, 1987
Illinois State Projects
Governor's Commission on Science & Technology, 1987
Governor's Conference on Science & Technology 9/3/86
Brochure "Illinois - a State of Discovery", 1987
Control Data (Cd) Supercomputer in Illinois, 1989
Dupage County Facility Merge, 1988
Chicago Chemists Club, 1988

Chicago Mosaic, 1995
 SSC for Illinois, 1987
 Information Industry Council: Nina Shepard, 1987
 Illinois Delegation, 1991
 Lt Governor Office "The Illinois Learning Mosaic", 1994
 Netillinois, 1994
 State Ed Tech Program, 1994
 State of Illinois Project, 1995
 State Legislators, 1988
 State Legislature, 1988
 State Network, 1988
 State Network Requirements, 1988
 Illinois State Cms Network RFP, 1988
 Governor State Network Plan: Illinois Technology Blueprint 1/95
 New Century Network, 1995

Cray Computer

Seymour Cray Speech, 1988
 Cray License Agreement, 1991-94
 Cray Financing Plan, 1985
 Cray Finance, 1985
 Cray Dedication Press Conference, 1988
 Cray Research Software Development, 1988
 Cray Deal, 1987
 Possible Y-MP Sale,
 Cray MPP Announcement
 Cray Mpp Nondisclosure, 1992
 Cray HPM Data, 1991
 Cray HPM Data-Larson, 1991
 Cray Users
 Cray Access Request 11/25/85 Vallieres, Michel
 Cray Project Extension Requests July 1992
 Cray Sign-ons thru the Vax
 Cray Users-P, 1989

Box 19:

Cray 2 Users
 Y/C90 Transition Plan
 Y/C90 Trade
 Cray Y-MP Announcement, 1994
 Cray 2 Death, 1993
 Cray 2 Queue Usage

Cray Superserver, 1994
Cray Computer, 1991
Cray Relationship, 1988
Cray/NCSA Project-Colorado Springs, 1988

Cray Research Incorporated

Cray Academic Applications, 1989
Cray Applications Update, 1987
Cray Employees, 1986
 Bob Ewald, 1987
 Brett Berlin-Cray Research, 1985
 Marcelo Gumucio, 1988
 John Rollwagen, Ceo
Supercomputing-Cray People, 1985
 Rene Copland, 1985
Cray Lease Negotiations, 1985
CRI NCDSA Deal, 1992
Psc/cray Research, 1993
Cray Funding 4/5/85
Cray Negotiations, 1985
CRI Negotiations, 1993
CRI Triton Negotiations, 1993
Cray Software Negotiations, 1988
Cray Reasearch Partnership 1985
Cray Proposal Initiation Process 9/6/89
Cray Libraries, 1985
Cray Lisp, 1989
Cray Literature
 Cray Research Inc Channels, 1989
 Applications Software, 1987
 Affiliates Reports, 1986
 Cray Deliverables 1986
 Cray Deliverables 1987
 CRI Doc-Review, 1990
 Cray R & D General, 1990
 Carol Smith-cray Research Inc-set Turbulence Images Use Ltr, 1985
 Organization Changes, 1988
 Reorganization, 1992
 Cray Research Inc Directory of Applications Software for Cray Research
 Supercomputer 1992
 Cray Research, 1990-92
 Cray Research Inc 4/23/90
 Cray Research Inc Joint Software Initiative 1/22/90

- Cray Research Inc Database Management Access 8/30/89
- Letter, 1994
- Cray Nondisclosure 9/95
- Cray Nondisclosure, 1992
- Cray Reprints, 1985
- Cray Tax Breaks, 1983
- Cray User Group Report, 1986-87
- Cug News, 1986-87
- Cray User Group: SC Multi Tasking User's Guide, 1983
- Supercomputer-Cray
- Cray-2, 1983
 - Cray-2 Acquisition, 1988
 - C Compiler on Cray 2, 1988
 - Campus Cray 2 Negotiations, 1988
 - Cray 2 Discussions, 1988
 - Cray 2 Training, 1988
 - Cray 2 Projects 9/1/87
 - Cray 2 Press Release, 1987
 - Cray 2 Science
 - Cray Deal, 1987
 - Cray 2/x-mp User Data,
 - Cray 2 Slide Presentation, 1987-88
 - Cray 2 Usage
 - CRI R & D Agreement, 1994
- Cray-4, 1987
- Cray Y-MP, 1989
 - Challenge Users
 - Cray Y-MP Dedicated Processor
 - Cray Research into Y-mp8/history, Mission, Etc
 - Migration Guide, 1990
 - Proposed Y/mp 4/464 Lease 6/18/90
- Cri C90, 1991
 - C-90 Benchmarks, 1992
- Cray C98 Purchase
 - Smarr Letter to Carl Diem, 1991
- Cray X-MP & SSD, 1982
 - Closing Documents for Certificates of Participation in Installment Purchase Agreement 8/1/85
 - Cray ~ SSD
 - Cray X-MP, 1983
 - Cray X-MP/24 Letter 2/25/86

Box 20:

Cray X-mp Percent Usage Charts
Cray R & D Program X-MP, 1988-89
Cray X-MP/48:
Cray Education: User Mini-guide to X-mp/48 Manual, 1987-89
Second Negotiation, 1985
Second Cray, 1985
Cray-L/M Computer, 1984
Cray Symposium, 1985
Cray Computational Chemistry Forum 9/12/89
Cray Trademark & Copyright Style Sheet, 1990
Chen Dismissed, 1987
Cray Research Visit 7/7/87
Cray Research Inc. Trip 1/25/91 (Chippewa Falls, Wi)
Cray Visit (Chen's Wish List) 3/11/85
Cray 3 Hardware Manual
1992 Cray-sponsored University R & D Grant Program Application Forms--blank
Cray Research Associates, 1985
Cray Research Associates Scientists
Cray R & D Program 5/93
Cray R & D Program 1989
Directory of University Research and Development Grants 1990
U/I-Cray R & D Agreement 1/14/86
Cray 1992 R & D Grant Applications
Cray--2
Bothum, Gregory
Equiluz, Adolfo
Goel, Vijay
Goshtasby, Ardeshir
Lebreton, Pierre
Richman, Michael
Teets, Walter
Y-MP & Cray-2
Bouman, Thomas
Chattopadhyay, a
Mittra, Raj
Norman, Michael L
Y-MP
Andersen, David
Banerjee, Sanjoy--100 Su's
Banerjee, Sanjoy--99 Su's
Belytschko, Ted
Berry, Michael
Calise, Anthony
Carlson, Kent

Chow, Chuen-yen
 Culp, Robert
 Donaghy, Kieran
 Haber, Robert
 Harrigan, Timothy
 Kassicieh, Suleiman
 Knight, Doyle
 Koplik, Joel
 Kulkarni, Anil
 Lahey, R T
 Lebreton, Pierre
 Lu, Yicheng
 Miller, Bruce
 Padua, David
 Pickup, Stephen
 Ravaroli, Umberto
 Sani, Robert
 Scalettar, Richard
 Schwartz, Justin
 Sirignano, W a
 1988 Cray Grant Application
 CRI 1991 Grant Program
 Cray R & D 1991
 Cray R & D grant
 CRI acceptance forms 1991
 CRI Project abstract 1991
 CRI proposal awards letter--blank
 CRI 1991 call for proposals response letter
 CRI 1991 Universities R & D grant program
 CRI 1991 guidelines to applicants
 CRI 1991 proposal data
 CRI Saylor, Paul
 CRI refused proposals
 Cray 1991 university research and development grant program-denial/acceptance
 form letters 1/15/91
 CRI 1991 NSF field of science list
 Future of CRI
 CRI visit 6/29/92
 Cray customer advisory board 9/1997
 Government customer advisory board Meeting 12/4-5/9

Box 21:

Media

Media Contacts, 1985

- List of Press/Media Contacts, 1985, 1991 (2 folders)
- BBC Thank You Ltr Science Now Interview, Julian Brown, 1991
- Business Week-Russ Mitchell, 1992
- Business Week Call SGI, 1992
- CIME Article, 1986
- CUNY TV, 1985
- Esquire Magazine, 1986
- Fighting Illini, 1986
- Illinois Center, 1986
- Scott Learn-Chicago Enterprise Magazine, 1988
- National Public Radio, 1986
- Otis Port-business Week, 1987
- I/S Analyzer Article (Information Systems Newsletter)-jack B Rochester, 1991
- David Sanger-NY Times, 1988
- Judith Turner, Chronicle of Higher Education, 1986
- Philadelphia Enquirer
- Science, 1985
- U of Texas Article, 1986
- WILL, 1993
- Press Release Mailing Lists, 1991

Public Affairs

People

- John Burness, 1985
- Keay Davidson, 1986
- Catherine Foster, 1986
- Terry Shepherd, 1986
- Andrew Skoinik, 1986

Journalism,

- Mckinney BI Interview, 1983

NCSA Media, 1998

Presentation Materials

Copies of Old Talks

Handouts

- Congressional Testimony
- NCSA Fact Sheet, 1985

Transparencies

- Access to the Ncsa
- Cray/xmp Configuration
- Current Fy87 Hardware Configuration
- Dial-up, Gte Telnet and Bitnet
- Interdisciplinary Research Center
- Interdisciplinary Research Center Network, 1987
- NSF Backbone Network

National Centers

Argonne National Laboratory, 1986
 Activities Report 1/85--7/86
 Advanced Architecture Computers
 Drucker Visit 3/25/88
 Jack Dongarra Recommendation, 1988
 Update on the Argonne HPCC Program (Rick Stevens Ltr 9/27/93)
 Weber & Moszur Visit 3/22/88
 Vectorizing Compilers: Test Suite and Results 11/88

Jet Propulsion Laboratory, 1986

Lawrence Livermore National Laboratory
 Livermore, 1985
 Cliff Rhoades, 1990
 Cliff Rhoades Congressional Testimony, 1988
 LS Correspondence with Rhoades, 1990
 Finite Element Project

Los Alamos, 1985-88
 Computing and Comm Division News, July 1990
 Operating Plan, Jan 1988
 Overview Sept 1985
 Gartner Group Report on Supercomputing, 1989

National Center for Atmospheric Research (NCAR), 1986-87
 UCAR & NCAR Supercomputing Strategies, 1989
 Workshop on Scientific Computing Performance Analysis 8/29-31/89

Santa Fe Institute, 1990
 Complex Systems Summer Schools 1990
 Meetings
 Thank You Letter--Edward A. Knapp, End of Term on Science Board, 1991
 Science Board Meeting 3/8/91
 March 1990
 Science Board Meeting 3/12/88
 Internat'l Finance as a Complex System 8/86
 Proposal for Center for Complex Systems Research, 1987

Space Telescope Institute
 National Center for Human Genome Research, 1990
 National Humanities Center, 1995

Other Computing/Data Processing Centers

U.S. Technology
 Alabama, 1985
 Authority 1997-98 Annual Brochure
 Proposal: Alabama Center for Supercomputing Education & Research

Argonne National Laboratory
 IL High Performance Computing & Comm. Capabilities, 1991
 Next Draft, 1989
 Nuclear Safety Violations 12/16/99
 Schriesheim, Alan 1/12/98
 Software Infrastructure for High-performance Distributed Computing 2/9/96
 Summary of Institutional Capabilities, 1991
 Association for Computing Machinery (Membership Info Enclosed), 1989-90
 AT&T Bell Labs (Cray 1a), 1985
 Boeing Computer Services (Cray X-mp), 1986
 Colorado State University (Cyber 205), 1985
 Cornell Theory Center, 1991-93
 Research Associate Center for Radiophysics & Space Research Position, 1989
 State Funding, 1992
 Tech Report, 1991
 Troubles, 1991
 Lawrence Livermore National Laboratory, 1978-93

Box 22:

Security Acknowledgement, 1990
 Security Forms 1986 Termination
 Security Questionnaires, 1975-76
 Los Alamos National Laboratory, 1986
 Annual Rpt 1996-97
 Consultant Agreement, 1991
 Consulting Agreement Supplement, 1989
 Security Clearance, 1989-91
 Supercomputing Glossary for User and General Network Info, 1982
 Visiting Staff Agreement, 1983-89
 Milliken University
 Minnesota Supercomputing Center, 1987-92
 David Yuen Letter 2/2/90
 Mississippi State University
 Second Annual Rpt 4/91-4/92
 Syracuse University
 Northeast Parallel Architecture Center, 1988
 George C Levy, Nmr Lab Director, 1988
 Texas/Austin, University of, 1987
 Texas Symposium on 3-dimensional Numerical Relativity (11/14-16/90)
 University of Texas Information, 1990
 Richard Matzner
 Letters of Recommendation, 1992
 Foreign Technology

Australian Institute of Marine Science (AIMS) Letter
Australian National University Supercomputer Facility, 1989
 Australia: Supercomputer Proposal, 1985
 Gingold Job Applications, 1987
 Bob Gingold Messages, 1990
 Geoffrey Bicknell Recommendation (2 folders), 1989-92
 Proposal for Australian Academic and Research Network, 1993
 Review of Australia Proposal, 1989
 Access Newsletter
Canada: University of Toronto, 1985-87
China, 1996
 National Center for High-performance Computing, 1996
 SC (Supercomputing) Trip, 1988
European Center for Scientific and Engineering Computing, 1987
Finland
 Centre for Scientific Computing-Finland, 1990
 Risto Nieminen Visit 10/6/89
 Metacomputer
 Technical Talk, 1988
France F I E E, 1988
Fraunhofer USA Annual Report 1995
Germany: Stuttgart, 1988
Japan
 IEEE Japanese Supercomputer Threat, 1985
 Computer Technology, 1987
 Institute for Supercomputing Research (ISR)
 ISR Supercomputing Workshop (8/29-9/1/89)
 Hitachi Supercomputer
 Herr Report, 1988 (2 folders)
 Kodak Japan Trip, 1987
 Technology Cooperation Agreement Between US/Japan, 1988
Norway: Supercomputer, 1988
Ontario Centre for Large Scale Computation
Russian Project, 1990
Systems Engineering Research Institute-Korea, ca. 1995
U.K. Computer Board, 1985
Worldnet, 1987
Foreign Industrial Partners, 1988
MIT/NEC Study, 1987
Research Consortium Inc Proposal 9/88
Sample Materials-Other Centers, 1984-88
University of Chicago, 1996
University of Illinois at Chicago:
 Electronic Visualization Lab, 1988

Maxine Brown, 1988
 Tom DeFanti, 1988
 DeFanti Material, 1994
 DeFanti Museum Shows, 1992
 S & T (Science and Technology) Proposal, 1987-88
 Interactive Image, 1988
 S & T E-mail March 92
 Software Technologies Research Center
 Great Cities, 1995
 Gordon Lescinsky, 1991
 Ellen Sandor, 1988
 Jim Stukel, 1985
 Irving Miller Proposal UIC/NCSA Link), 1990
 Sadler Program
 Letter Reviewing Dr Lewis Sadler (Concerning Review Process), 1993
 Don York-U of Chicago, 1987

Box 23:

University of Illinois at Urbana-Champaign

Academic Affirmative Action Pre-Audit Form for CF Operation & Administration
 Research Programmer 1/25/90
 Academic Affirmative Action Pre-audit Form for Staff Associate 1/25/90
 Academic Professional Technical Positions Salary Levels, 1997
 Administration, 1986-88
 Michael Aiken, Chancellor, 1995-97
 Aiken Memo on Intellectual Property, 1994
 Aiken/Stukel Letter, 1993
 Testimony by Urbana Campus Chancellor Michael Aiken to the Illinois State Task
 Force on High Tech, 10/14/99
 Richard Alkire, Vice Chancellor, 1995
 Issues for Alkire
 Meeting, 3/22/96
 State Program, 1994
 Alkire-Stukel II Plan
 Sam Baker, 1985
 Robert Berdahl, 1990
 Ted Brown, 1992
 Howard Diamond, 1987
 Tom Everhart, 1987
 Stanley Ikenberry, 1986
 John Kamerer, 1984
 Jack Kamerer Recommendation, 1984

Judith Liebmann, 1989
 Liebman/UIUC AA Letter, 1988
 Stukel, 1987
 Retreat, 1996
 Troika, 1990
 Troika Meeting 4/19/90
 Troika Meeting 1/30/90
 NCSA Summary to Troika 2/13/90
 Vice Chancellor Search, 1985
 Morton Weir, 1989
 Smarr Letter Concerning Beckman Director Search, 1992
 Beckman Institute Director, 1993
 Administrative Review Panel, 4/16/90
 Annual Faculty Meeting, 10/30/89
 Board of Physics & Astronomy, 1989
 Board of Trustees, 1996
 Gravenhorst 7/14/88 Visit
 3/8/89 Visit
 July 7, 1986 Minutes Approving NCSA
 Budgets
 FY97 Deficits 11/12/97
 Draft Budget 1/21/85
 Draft Budget 1/3/85
 Draft Budget 12/19/84
 Draft Budget 12/10/84
 FY 1988 Budget Crisis
 Salaries
 UI Budget Crisis
 Agricultural, Consumer and Environmental Sciences, College of, 1997
 Agriculture, College of. 1986-96
 Agriculture, 1989
 Strategic Agribusiness Issues Roundtable, 1989
 Alumni Association, 1997
 Applied Life Sciences, College of, 1996
 Art & Design, 1989
 Art & Graphic Design Proposal for Speaker, 1985
 Rascheff Proposal, 1989
 Astronomy Department, 1987-88
 Activities Report 9/1/88-8/31/89
 Astronomy Brochure 11/89
 Astronomy Department Faculty Meeting 4/19/93
 Astronomy Department Faculty Meeting 1/22/93
 Astronomy Department Faculty Meeting 9/10/92
 Astronomy Department Faculty Meeting 4/6/90

Astronomy Department Faculty Meeting 10/5/89
 Astronomy Survey, 1988-89
 American Institute of Physics 86-87 & 90-91 Directory
 Astronomy Dept Blurb 10/89
 BAAS (Bulletin of the American Astronomical Society) Report, 1990
 BAAS Report, 1989
 BAAS Report, 1985-86
 Cyber Hookup Materials, 1982
 Faculty
 Ron Allen, Dept Head, 1985
 Dick Crutcher Letter of Recommendation, 1988
 Telemachos Mouschovias (Guggenheim Fellowship), 1992
 Sidney Rosen (Robert Foster Cherry Nomination), 1991
 Jim Turan, 1990
 Head Search, 1985
 James Kaler-"The Big Sky"
 Ki-dong Lee, 1987
 LAS Review of Resource Allocations, 9/22/92
 Radio Astronomy Project, 1987
 Master Mailing List 9/11/83
 Athletics, Division of Intercollegiate, 1995
 Atmospheric Sciences, 1986
 Prof Michael Schlesinger Letter, 1992
 Beckman Institute, 1985-91, 1996
 Proposal

Box 24:

Beckman Meeting 12/10/85
 BI 1/89 Files
 Award, 1982
 Beckman Budget (Ted Brown), 1988
 Biological Intelligence
 Building, 1985
 BI Calendar of Events, 1989
 BI Tours 5/88
 BI Opening Event 4/89
 Beckman Institute Colloquium
 Computational Dynamics of the Visual System-Robert E Wyatt, 1991
 "The University & the Planet Earth" Presented by BI & the Program for the Study
 of Cultural Values & Ethics, 4/23/93
 Annual Beckman Lecture, 1995
 Beckman Committees/Boards
 Allocation Board, 1995
 Beckman Search Committee

Search Candidate Bios & Schedules, 1986
Meeting 10/4
Beckman PAC (Program Advisory Committee), 1989-96
Program Review, 1993
Program Advisory Committee Meeting 3/8/96
Minireviews, 1991
Meeting 3/6/91-presentation Materials
Meeting 11/90
Meeting 10/23/90-agenda
Meeting 4/20/90
Meeting 2/19/90
Meeting 10/16-17/89
Meeting 10/9/89
Meeting 9/26/89
Meeting 4/13/89
1991-1994 Appointment
Donchin Project, 1987
Draft-bi Research Assistantships, 2/26/91
Beckman Advisory Board 4/2/87
BI External Advisory Committee, 1990
BI Advisory Committee Meeting 3/6/91
BI External Advisory Committee 6/5/90
BI External Advisory Committee Meeting 5/16/90
BI External Advisory Committee Meeting 4/28-30/88
BI 10/4 Meeting
BI External Advisory Board Committee Member List 6/7/91
New Members 12/19/89
Beckman Colloquia Committee, 1986-88
Beckman Colloquia Series Fall 1989
Beckman Colloquia Meeting 3/23/88
Beckman Colloquia, 1987-88
BI Computer Policy Committee, 1988
Joint Committee
Joint Committee Meeting 1/18/86
Program Committee for Materials, Science, Computers, and Computation Center,
1986
Facility Committee Members
Architects Meeting 12/12/85
Beckman Research Institute, 1989
Directors Meeting, 1996
Director Search, 1993
Fellows Program, 1991-93
Fellows '92
Junior Fellows, 1991

- Beckman Library, 1992
- Beckman Open House Oct 5 & 6, 1990
- Beckman Polymer Program, 1989
- BI Meet 11/28/89
- BI/NCSA Directory, 1990
- BI Non-Academic Support, 1993
- BI Plans, 1988
 - BI Floor Plans, 1986
 - BI Diagrams & Floor Layouts, 1986
 - BI Space Plan, 1986-88, 1987 (2 folders)
 - Networking, 1986
 - Office Furnishings, 1986-88
 - Lab Furnishings, 1986
 - BI Planning Notes, 1986-88
 - Equipment Security, 1989
 - Electronic Library, 1989
 - Escort Service, 1989
 - BI Parking, 1988-90
 - BI Temperature Regulation, 1989
 - Use of Beckman Institute Facilities (T. Brown Memo), 1988-90 (2 folders)
- BI Program Proposals, 1985-87
 - Lauterbur Grand Challenge, 1992
 - Program Tenants
 - Beckman Post-doc Applicants, 1987
 - Beckman Center Scientific Program, 1986
 - Beckman Biological Computing,
Computational Relativity
 - Ernesto Esteban Visit 1989
 - Bio Chip Program, 1988
 - IRC/BI Intellectual Programs: 5 Yr Budget
 - Gabriel Grant, 1992
- Beckman Literature
 - Answer Arnold Beckman, 1989
 - Mable Beckman, 1989
 - Beckman News Articles
 - BI Description
 - BI Handout
 - Browns BI Update to Campus 7/6/88
- BI Relations, 1992
- Supertheme, 1994
- Video Projector
- WRB Space Problems, 1985
- WWW Pages, 1995
- NCSA

Beckman/NCSA Interactions Meeting 11/21/95
 Beckman/NCSA Meeting 1/1/96
 Beckman/NCSA Meeting 5/16/96
 Beckman/NCSA Meeting 2/19/97
 BI Networking Plan for NCSA, 1989
 BI/NCSA Collaborations, 1996
 Organizational Chart 1/14/89
 Space Assignments-Is Edit Policy 3/30/89
 Space Promises, 1988
 Space Plans
 NCSA Services @ BI 4/26/89
 SGI Classroom in BI, 1989
 Silicon Graphics @ BI, 1988
 SMS@ BI
 Industrial Program @ BI, 1987
 BI Announcement by NCSA, 1988
 BI Move, 1989
 Kathy Goeken, 1981
 NCSA Contacts @ BI, 1989
 BI Rules per M Miller, 4/17/89
 Biomedical Magnetic Research Laboratory
 Confocal Microscopy, 1990
 Paul Lauterbur, Director, 1990
 Lauterbur Letter 6/1/89
 Lauterbur Lecture Abstract, 1991
 Lauterbur/Potter, 1989
 Lauterbur Site Visit 4/23/90
 Lauterbur S&t Proposal, 1989

Box 25:

Campus Administration
 Harriett, 1989
 Rowan Review, 1989
 Campus Computer Reorganization, 1987
 Campus Mail Regulations, 1985
 Campus Network, 1988
 UIUCNet
 Campus Programs
 Campus Honors Program "George Francis, 1988
 Prof Linows, 1989
 Program for the Study of Cultural Values and Ethics, 1989
 Epic, 1989
 Epic Meeting 8/25/89

Institute for the Study of Cultural Values & Ethics 10/9/89
Campus Reorganization, 1988
Campus Retreat on Budget Reform 3/17/97
Campus Research Board, 1993
Campus Reviews/NCSA, 1996
Campus Task Force on Priorities, 1989
Campus-wide Committee on Computing & Networking 1993-94 Service Request, 7/27/93
Capitol Programs, 1987
CCSO-computing & Communications Services Office, 1996
CERL (Computer-based Education Research Laboratory), 1986
 Bitzer, Letter of Rec, 1987
 Plato Novanet, 1986
 Plato Project, 1996
 Review, 1996
Champaign Forest Preserve, 1991
 Chem Eng Luncheon 1/91
 Chemical Engineering Brown Bag (1/28/90)
 Douglas Lauffenburger, 1989
Civil Engineering, 1991
Commerce, College of, 1986
 Classified Work, 1987
Center for Complex Systems Research (Ccsr), 1981
 Wolfram: Challenge of Complexity & Science & Technology, 1989
 Wolfram: Mathematica Software, 1993
 Wolfram: Memo of Understanding-ncsa and Wolfram
 Wolfram: Supporting Email 10/92 thru 1/93
Center for Computational Electromagnetics & Electromagnetics Lab Annual Progress
 Review, 1997
College of Medicine-Intent to Send Proposal
Complex Systems Center (CSC), 1995
Computer Science, Department of, 1997
 Badger Memo, 1985
 George Badger Mrl-3/13/97
 40th Anniversary Symposium-the next 40 Years, 1991
 Computer Science and Genetics-background Reading, 1990
 DCS/NCSA, 1997
 Don Hearn-CS Dept, 1994
 "Troublesome Problem of Centers", 1987
Conflict of Interest, 1998
CPGA (Center for Prokaryotic Genome Analysis), 1988
 Biomolecular Search, 1989
 CPGA Problems, 1990
 CPGA Gelreader Scanner, 1990
 Konisky/Greenough, 1989

Genome Projects, 1990
 Dimitri Mihalas, 1989
 NSF Genome Workshop, 1990
 Carl Woese
 C S & E Program 1994
 Digital Libraries Institute, 1996
 Economic Development
 Corporate Relations & Community Development, 1988
 Educational Organization & Leadership, 1995
 CSO
 Support Services to NCSA, 1986
 CSO Liebman's Response, 1987
 Winkler Letter to Liebman, 1990
 Paper: "Is There Plenty of Room at the Bottom?", 1992
 Proposed Center for Atmospheric Monitoring & Sensor Engineering Support Letter, 9/5/97
 Engineering
 Scott Stewart, 1991
 David Ruzic-dept of Nuclear Engineering, 1990
 Mechanical & Industrial Engineering Support Ltr from Brian G Thomas, 3/16/95
 National Academy of Engineering, 1995
 Congratulations-National Academy of Engineering Nomination, 1985
 Engineering, College of, 1990
 Building Plans, 1985
 Cement Paste Matrix Composite Center
 Karl Winkler Appointment, 1989
 Faculty Meeting 3/20/96
 Haber Memo-5/8/87
 Hi-tech Building, 1985
 National Center for Composite Materials, 1986
 Faculty Meeting Agenda and Minutes 4/5/93
 English Department
 Carol Kyle, 1993
 Future Project with Ncsa-michael Mullin Letter-shakespeares Across Cultures, 1992
 Facilities, 1985
 Film Center, 1985
 Fine & Applied Arts, 1991
 "Computing for the Arts", 1997
 Friday Forum-Alpert, 1992
 Geology, Department of, 1987
 Craig Bethke, 1986
 CAS Review, 1987
 Supercomputing Analysis of Sedimentary Basin, 1988
 Nsf Center for Computational Geosciences (Bethke)
 Governmental Relations, Office of, 1996

Richard M Schoell, 1988
Graduate College, 1988
 Assoc Grad Schools Toronto 10/6/85
 Campus Computing VC, 1987
 Index of Services, 1990
 Letter from Chet Gardner Concerning Salary of LS, 1993
History, Department of, 1986
 Vernon Burton
 Burton Document, 1993
ILLIAC
 ILLIAC I, II, III, IV, ... an Apology
 ILLIAC I IV The Faster Computer
 ILLIAC IV Software & Application Programming 8/8/68
Intellectual Property Agreement Between UI & Intel 11/24/97
Kuck & Associate Inc "Supervisions" Summer 1989
 Smarr - Kuck Building, 1985
Legal Counsel, 1995
 Assistant University Counsel Position Funding Arrangements Letter 8/1/97
 Copyright Notice Format, 1988
 U/i vs Mosaic Communications-MCOM Discussion, 1994
Liberal Arts & Sciences, College of, 1986
 Laboratory for Astronomical Imaging 2/22/90
Library of the Univ of Illinois @ Urbana-champaign Folder
Mathematics, Department of, 1986
Mechanical Engineering, 1986
Merit Board, 1998
Microbiology Department, 1986
The George Miller Committee, 1989
MLAPR (Political Science), 1985
National Center for Computational Electronics, 1988
NCSA Advisory Board, 1996
Networking, 1989
News Bureau, 1995
 Caterpillar Partnership 1/24/90
 Nae Induction Announcement L. Smarr 9/22/95
 NCSA 5/17/90
 NCSA Press Release List
 Press Releases, 1985
 Smarr Short List of Press Release Reporters 4/5/90
Observatory, a History of the UIUC
Office of Public Affairs
 Legislators/campus Events 10/9/89
Office of Space Utilization, 1990
Parking, 1985

Partnership Illinois, 1997
 Physics Department, 1996
 Thesis Defense 7/22/93
 Thesis: the Effects of Ambipolar Diffusion, Dust & Ultraviolet Radiation in the
 Formation of Cores & Protostars in Interstellar Molecular Clouds, 1993
 Dean's Forum, 1996-97
 Faculty Meeting 4/16/96
 GSAC Proposal (Graduate Student Advisory Committee), 1990
 Jacucci Affiliation, 1989
 Physics Society, 1989
 1993 Fall-phd Prelim Exams
 1987 Spring-phd Prelim Exams
 1987 August Newsletter
 1986 Summary of Engineering Research
 Staff Members
 Klaus Schulten
 Schulten Site Visit
 Schulten-student Cut-off Time Email
 Jeremiah Sullivan Visualization Project, 1989
 President's Retreat, 1995-97

Box 26:

Provost & Vice Chancellor for Academic Affairs, 1995-96
 Faulkner Letters, 1996
 Faulkner Personnel Issues, 1995-96
 Psychology Department, 1985
 Jozef B Cohen, 1988-90
 Survey of Jozef B Cohen's Research Activity-1989-90
 Jozef Cohen Evaluation, 1989
 William Greenough
 NCSA Support Letter for His Research Proposal, 1993
 Physiology & Biophysics
 Jakobsson, S & T Proposal, 1988
 Public Affairs Office, 1997
 Research Board, 1987
 Research Policy Committee, 1995-96
 Gardner, 1992
 Report to RPC 3/95
 Review of NCSA 1/20/95
 Research Services Office
 IRN (Illinois Research Network) Update, 1991
 Revenue Sharing, 1996
 Mel Degeeter Meeting, 1/5/96

Research and Technology Management Office (RTMO)

RTMO, 1997

Len Batterson and Don Johnson Visit, 12/19/95

Batterson Venture Partners, 1/5/96

Liaison Council Meeting, 10/23/96

November 21, 1995 Meeting

Rules & Regulations

Academic Integrity, 1986-87

School of Life Sciences

Letter: Konisky to Drucker, 1993

School of Music

Brian Evans, 1981

Brian Evans Mac, 1989

Brian Evans Trip Report, 1990

Scott Wyatt

Call Scott Wyatt, 1989

Scott Wyatt Appointment, 1989

Social Sciences

Ronald Adrian Sabbatical, 1981

Vernon Burton

Burton Letter-Respond, 1990

Burton Project, 1990

Census Workshop Notes, 1990

Collaborative Projects, 1989

Alpert Meet 12/8/89

Lane Hughston

Mednet, 1990

SEMNET, 1990

Social Sciences Users, 1989

Stadtherr-Faculty Involvement Email, 1990

Supercomputer

Campus Notes, 1982

Campus Upgrade, 1982

Funding, 1984

Networks, 1983

Theoretical & Applied Mathematics, 1988

UI Foundation

John Stevenson, 1986

Scholars Program, 1989

Users Requests, 1985

Universities, Other

Alabama, University of

Steve Katsinas, 1986

Arizona, University Of, 1989-94
University of Arizona Center for the Study of Complex Systems Activity Update,
9/25/89
Schatz Nomination (For Nsf Young Investigator Award), 1992
Assoc Prof Position Letter, 1993
Bruce Fryxell Letter of Recommendation, 1991
Berkeley-Illinois-Maryland Association (BIMA),
Boston University
Giles, Roscoe Recommendation for Tenure, 1992
Topical Group on Computational Physics
School of Architecture Apple II Loan, 1989
California San Diego, University of
Recommendation for Professor Michael Bailey, 1993
California, Berkeley, University Of, 1986
California, Santa Barbara, University Of, 1996
Carnegie Mellon University
Greg McRae
Letters of Recommendation, 1992
Chicago, University Of, 1986
Florida, Univ of
CASC, 1994
George Mason University
George Mason University Position, 1993
Georgia, University of
Supercomputer, 1983
Policies on Use of Computers, 1994
Harvard University
Kennedy School at Harvard, 1993
Houston, University of
1996
IMD (Institute for Molecular Design) Press Release, 1992
Hunter College
Global Jukebox Project, 1993
Illinois Institute of Technology (IIT)1977-85
Illinois Math & Science Academy, 1981
Kentucky, University of
Moshe Elitzur, 1989
Maryland, University of
1996
Costanza Center, 1990-92
International Society for Ecological Economics (ISEE) Pamphlet, 1992
Massachusetts Institute of Technology (MIT)
MIT Media Lab, 1990
Letter from Albert Vezza Concerning Increase in Funding to NCSA 12/23/92

Midwest Technology Development Institute, 1985-86
 Minnesota, University of
 1996
 Conference Site Request 12/20/89
 Supercomputer, 1993
 University of Minnesota Flop, 1992
 Mississippi, University of
 Research Projects Report 1991
 New Mexico, University Of, 1986
 Affiliate Program, 1991
 New York University
 Faye Duchin/Glenn-Marie Lange Letters, 1990
 North Carolina, University of
 Charles R Evans (Letter of Recommendation for Packard Fellowship), 1992
 Ohio State
 Oklahoma State University, 1988
 Purdue University
 1996
 Houstis & Rice Paper "Future Research Directions in Problem Solving
 Environments for Computational Sciences"), 1998
 Stanford University, 1996
 Syracuse University, 1996
 Rice University, 1996
 Texas @ Austin, University of
 1995, 1996 (2 Folders)
 O'Donnell Comp & Applied Math,(Report of the Review Committee), 1994
 University of Virginia, 1996
 Virginia Polytechnic Institute & State University, Blacksburg Va
 1996
 ONR Programs Support Letter, 5/28/97
 University of Washington, 1996
 Washington University, 1996
 West Virginia University
 VBNS Application 1/12/98

Box 27:

Vendors

Software Vendors & Software
 Data General, 1991
 EMAS, 1993
 EMI (Engineering Methods Inc), 1988
 Energy Science and Technology Software Center (ESTSC)

Fluid Dynamics International Inc (FDI) Fidap
Fluent, 1992-93
Gradsf, 1988
Graphics, 1990
HPM, 1991
Industrial Contract Boilerplate, 1992
Kuck, 1994
Livermore National Lab, 1990
Lucid (Common Lisp), 1991
Machine Access & Information, 1992
Mag, 1991
Man Pages, 1991
Multiple Vendors, 1993
Molecular Simulations Charmm X-plor, 1993
MPGS, 1990
Msc, /Magnum, 1989
 Magnum License Agreement, 1989
 Magnum/Nastran, 1993
 Magnum Sybase Reports, 1990
 Magnum Usage Reports to Msc, 1990-91
National Technical Information Service, 1989
Neovisuals, 1993
NESC, 199-92
Supercomputer Software Company, 1991
United Technologies
Wolfram Research, 1992
Air Products, 1989
Alliant, 1985-86
 Alliant Agreement
 Alliant/Liebman Correspondence, 1990
 Beta Test SW License, 1989
 2/3/87 Meeting
 Friendly User Program March 1988
 Marsha Rotunda, 1989
 University Legal Council Issue, 1989
Amdahl, 1989
 Article, 1989
 Notes, 1989
 Amdahl Visit 2/8/89
 Mass Storage System Upgrade, 1988
 Amdahl 8/12/88
Ameritech, 1994
 Deal, 1994
Apple, 1988

- Apple II FX Report (Email), 1991
- Apple Grants (Workstation Donation Proposal), 1986
- 1988 Grant- Tesler Employees
 - Barbara Bowen, 1991
- Macintosh, 1986
 - Deskside Guide, 1987
 - Mac Environment
 - Mac Iix Donation, 1989
- IP Renewal Grant
- Miscellaneous
- Multimedia Mac Email, 1992
- Non-disclosure Agreement, 1988
- Reorg, 1991
- Larry Tesler Visit 1987-88
- Next Machine (Job), 1990
- Apple Funding/equipment Proposal 5/10/89
- New Software Company, 1987
- UCLA/Apple Visit 10/19-20/89
- Upgrades, 1994
- Virtual Museum, 1992
- Apollo, 1988
 - Apollo Proposal 5/12/88
 - Apollo Donation, 1985
- Ardent Computer, 1988
- AT&T, 1990
 - AT&T Agreement Addendum, 1989
 - AT&T Bell Labs at NCSA
 - AT&T Blanca/Xunet Email
 - AT&T News Releases, 1990
 - Engineering Faculty Banquet (2/21/91)
 - Draft Proposal to AT&T by LS (White Paper), 1985
- Com Corporation
 - 3 Com Visit 2/9/89
- Control Data Corporation (CDC), 1987
 - CDCFolds
 - ETASystems
 - Purdue's ETA-10
- Convex Computer Corporation, 1989-90
 - C240 Status, 1994
 - C3
 - C3 Sas, 1993
 - C3800, 1991-92
 - Convex, 1992

- Convex Deal, 1989
- Convex/Cray Benchmarks
- Convex/NCSA Deal, 1993
- Convex/HP
 - IDC Report
 - Meta Product
 - Upgrade
 - Vision, 1994
- Convex Puerto Rico. 1994
- Current Challenge Users
- Exemplar, 1994
 - Exemplar Benchmarks, 1994
 - Exemplar Benchmarks-norman, 1994-95
 - Exemplar Purchase, 1994
 - Exemplar 3rd Party Codes, 1994-95
- Meta Series, 1992
- Shoot, Convex, 1992
- Spp Press Release, 1993
- Stock 1994
- Usage, 1992
- User Group, 1989
- Users, 1992
- Visit 2/7/89, 1989
- Steve Wallach, 1993
 - Letter Endorsing Steve for the 1993 Sid Fernbach Award
- Digital Equipment Corporation (DEC), 1986
 - MIPS, 1988
 - DEC Deal
 - Donations, 1986
 - Dec Meeting 2/10/88

Box 28:

- Proposal, 1990
- DEC (SVA)
- Update, 1985
- Digital Productions, 1986
 - Digital Production Project, 1985
- Evans & Sutherland, 1987
- Hewlett Packard, 1995
 - Benchmarking, 1996
 - Classroom Deal, 1996
 - Convex, 1996
 - Data, 1994

Disclosure, 1998
Guidon, Bernard
Negotiations, 1992
Proposal 7/26/85
SPP-2000, 1996
Upgrade Strategy, 1994
Vision, 1995
HNS (Honeywell), 1987
IBM, 1987
 "Why NCSA Desires IBM Relationship" Report, 1986
 Mark Urdahl (Ibm Austin) Phone Conversation
 8/15/85 Proposal
 30/90 with Vector Facility, 1985
 7350 Gift/Loan Software Needs
 Buying XT,
 Campus IBM Pc People
 Conference Call Request 6/17/97
 Cyclone System Dev-Confidential Ver 1.1 2/12/93
 Equipment Request-h. Weatherford 8/22/89
 Grants
 IBM 7350 Study with NCSA, 1986
 IBM Grant, 1985
 IBM Grant-legal Proposal, 1985
 IBM 3090, 1987
 Proposal for NCSA/IBM 3090 Joint Study, 1988
 Liu Contract, 1986
 MJ-IBM Proposal, 1988
 NCSA Joint Study, 1986
 Tung Nguyen-Letters of Recommendation, 1992
 Prototype IBM Workstation 11/30/89
 Power Controllers, 1992
 Barbara Simons-"A Field in Transition", 1989
 Supplement to Agreement for Exchange of Confidential Info, 1992
 Turbo Pascal, 1984
 Vector Machine
Intel
 Iwarp
Maxis, 1993
 Sim Community, 1993
Microsoft, 1995
 Press Release, 1995
Multiflow Computer Corporation
NCube, 1991-96
NEC, 1993

NEC (Roy Lang)
Sx-3 Supercomputer, 1989
NSC (Network Systems Corporation)
Letter to Dr. William Franta Re: a Proposed Research Program Between NCSA,
National Metacenter & MCI Telecommunications Corporation 3/19/93
Pixar
Pixar Visit 3/30/89
Pixar Deal, 1988
Image Processing, 1988
Roster Tech, 1987
Quaker Oats, 1990
Scientific Computer Systems, 1986
Scientific Computer Systems (SCS-40)
Silicon Graphics, 1988
1/23/87 Meeting
Alliance, 1995
Annual Report, 1994
Background, 1995
Benchmarks, 1994
Challenge Array, 1994
Chuck Mitchell, 1993
Confidential, 1994
Deal, 1995
Digital Media, 1992
Email, 1993
Everest, 1993
Forest-Basket Email, 1992
Forest/Strategic, 1994
Future, 1997
Grand Opening, 1993
History Film 9/94, 1994
Iris Donation, 1993
Iris 2000, 1987
Jim Clark Visit 4/20/89
Job-Joseph
Letter-Draft, 1996
Letter-review
Maps, 1998
Material, 1991-97
Correspondence, 1993
Non-disclosure, 1994-96
Offer, 1996
Paper, 1999
Performance, 1994

Plan, 1992
Power Challenge, 1994
 Power Challenge Interview Info, 1994
 Power Challenge Release, 1994
Quote, 1994
Renaissance Experiment Lab, 1989 (2 folders)
Revenue, 1993
Service, 1996
SGI 9/1/95
SGI I, 1988-94

Box 29:

SGI II, 1989-95
SGI III, 1990-93
SGI/Cray Studio, 1996
SGI/D Boser
SGI/HD, 1992
SGI/Iowa, 1996
SGI/NCSA, 1995
Source Code License Operating System, 1991
Strategic Alliance, 1995
Strategic Plan, 1992
Strategic Relationship, 1992
Teraflo
TFP, 1994
Thank You Letter 10/2/95
Third Party Codes, 1995
Training Grant, 1988
University High, 1995
Upgrade, 1998
Upgrade Path
User Data
Users
Video, 1994
Visit, 1996
Ziebarth
Stardent
Sun Microsystems, 1986
 NCSA Visit to Sun 9/19/89
 Sun Confidential Disclosure Agreement 9/19/89
 Sun Annual Report, 1987

- Sun Annual Report, 1988
- Deal, 1988-89
- Discussions, 1988-89
- Correspondence, 1988-91
- 8/88 Visit Attempt
- Deskside Guide 6/22/87
- Futures, 1995
- Educational Services/Conferences, 1986
- Quotation Supplement
- AT&T Deal, 1988
- Donations, 1986
- Netscape Alliance 8/22/99
- Next Comparison Supercomputer, 1988
- Price Manuals, 1987
- Server
- Upgrade Plans, 1990
- User Group, 1987
- Workstation, 1986
- Zahra/Ellis Letter, 1989
- Symbolics, Inc, 1986
- Synercom, 1987
- Tektronix, 1995
 - Color Printer, 1995
- Texas Instruments
 - Explorer Machine, 1988
- Thinking Machines Corporation (TMC), 1990
 - 64 Processor, 1996
 - Apps Review, 1993
 - ARPA Revised Proposal, 1994
 - Articles, CM2, 1995
 - Bankruptcy, 1994
 - Benchmarks, 1992
 - CM (Connection Machine) Installation, 1989
 - CM-5
 - Announcement, 1991
 - Benchmarks
 - Brochure, 1993
 - Fax-John Toole, 1993
 - Funding Plan, 1994
 - Prb Allocations,
 - Press Release, 1992
 - Pricing, 1992
 - SGI/Virtual Reality (VR), 1992
 - Slide

- Speeds
- Transition, 1996
- Upgrade, 1993
- User Analysis, 1993
- Conference at Beckman Institute 4/17/89
- Darwin, 1995
- David Waltz, 1991
- Deal, 1994
- Direction-Information, 1992
- Disclosure Agreement, 1990
- Emails, 1994
- Field Test Software Agreement, 1990-94
- Financing, 1993
- Future, 1993
- Future Architecture, 1994
- Improvements Needed, 1992
- Industrial Apps, 1992
- Maintenance Payments, 1990-92
- Markoff, 1994
- NSF/ARPA CM-5 Payment, 1993
- Open Parallel Solutions Company, the 7/25/95
- Letter to Weiss (Congratulating Him on His New Position as President), 1993
- Software Schedule
- Threats, 1996
- TMC/AT&T, 1994
- Upgrade, 1994
- User Data, 1990
- Welge's CM Proposal, 1990
- Ultra Network Technologies, 1987
- Ultra Deal, 1988
- Ultra Proposal 2/29/88
- Ultra Visit 9/22/89
- Vendors Relations
 - NSF Vendor Discount, 1985
 - Vendor Relations Office, 1987
 - Vendor Negotiations, 1985
 - Vendor Sales Distribution, 1991
 - Vendor Update 4/30/85
- Zenith Electronics Inc.
 - Zenith Deal, 1988
 - 3090 Memory Specs, 1987
 - Chopp, 1987
 - Computer Vendors, 1989
 - Dongarra Benchmarks, 1985

Front-End Vendors, 1987
Graphics Needs - Chemistry & Biology-IRIS, 1985
Ostriker-Convex/SGI, 1994
T3 Whiz-Bang, 1990