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Graduate College
Center for Advanced Study
Daniel Alpert Papers

Box 1:

File Note

Science, Technology and Society Program (STS)

Understanding Technological Systems

Course Outline and Correspondence, 1988-1990

Correspondence on undergraduate education, 1988

National Science Foundation proposal: "Technological systems: A Cross-Disciplinary Approach to Undergraduate Education," 1988

Drafts and correspondence, 1987-89

Response to proposal, 1988

Engineering College notes, 1987-1989

Pedagogy, 1974, 1979, 1987-1989

Readings on drinking water, 1987-1988

Readings on transportation, 1980, 1988

Readings, 1973-88

Models and modeling, 1975, 1982-83

Science and technology policy readings, 1988-92

Papers/reflection (papers on various topics including teaching, higher education, computer technologies and chaos theory), 1989-93

Papers, STS

Shepard--readings, 1984-1987.

Science, technology, and citizens, 1968, 1990-93

Technology and human values (STS course taught by Boland and Herendeen)

Boland course readings, 1988

Boland/Herendeen readings, 1988

Herendeen readings and exams, 1986-1988

Traxel and Piel course, ca. 1977-1978

Traxel, readings, 1987

STS Faculty and Center for Advanced Study Fellows

STS plan (original), 1982-83

Ways of knowing discussion group, 1977-78

Barry Barnes, 1986-88 (primarily correspondence)

Ray F. Bochmer, vita, ca. 1994.

Richard J Boland, Jr., 1979-82, 1987, 1989-1995 (2 folders)

Clark Bullard, 1982, 1987-1989

Bruce Hennon, 1978-1986 (includes correspondence)

Robert Herendeen, 1988-1996

Al Huang, 1967-1985

Anne Huff, 197-1980

David L Nanney, 1981-1991

Ted O'Leary, 1987

Andrew Pickering, 1977

Box 2:

Steven Seitz, 1984-1988

David Wilkins, 1993

Thomas Ulen, 1980-1984

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David Witten, 1979-1981
STS Readings
1989-90
1988-89
1987-88 (2 folders)
1986-87 (2 folders)
1984-85 (2 folders)
1981-82 (2 folders)
Technology, Values and the Future: Notes and Readings, 1979 (course co-taught by Bentz and Alpert)
STS Administrative Files
Administration, 1985-1990
Advisory Committee
1983-85
1983-88
Annual Reports, 1984-88
Budget, 1987-1989
Correspondence
1983-85
1988-1989
Educational Technologies Board, 1988-89
Facilities, 1986-87
Faculty correspondence, 1983-87
Future of STS, 1989
Liberal Arts and Sciences, College of,
William Prokasy, 1986-88
Correspondence
1987
1988-89
1988-90
CAS/STS/SOH computer network, 1984-86
Campus-wide computer network, 1983-84
STS plan and program description, 1982-84

Box 3:

Program statement, 1985-86
Proposal, Center for STS, 1987-88
Prospectus, 1978-80
Seminars, 1986-89
Strategic plans, 1983-1987
Vice-Chancellor for Academic Affairs
Correspondence, 1987-89
Correspondence, 1987-90
Meeting Agendas, 1987-89
Center for Advanced Study (CAS)
Administrative Files
Associates/Fellows, 1974-1987
Budget, 1981-85
Correspondence, 1986-87
Thomas Everhart, 1984-86
Future of CAS, 1986-87

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- MillerComm Budget 1979-83
- Policy
 - General, 1973-86
 - Annual Meetings, 1978-87
- Professors, 1980-86
- Special Professorships, 1983-84
- Staff, 1976-1980
- Edward Stowe, 1986
- Supercomputing at UIUC/David Kuck, 1984
- History of the Coordinated Science Lab, 1951-85.
- Informal Get-Togethers (IGT)
 - Attendees/potential invitees, ca. 1986
 - General, 1975-90
 - Ideas, 1986-87
 - 11/30/88 IGT
 - 10/25/88 IGT
 - 2/18/88 IGT
 - 10/22/87 IGT and 12/14/87 IGT
 - 11/18/86 IGT
 - 10/29/86 IGT
 - 4/15/86 IR and D Board
 - 10/16/85 IGT
 - Workshops--"Telling Stories"
 - 2/17/83 & 2/22/83 IGT
 - Notebooks (contain information on individual IGT's)
 - 1984-86
 - 1983
 - 1982
 - 1980-81
- Creative Responses to Retrenchment
 - General, 1981-82
 - Meeting Notes, 1982-83
 - Other Institutions, 1980-83
 - Notebooks
 - Spring/summer, 1980
 - Research Sessions, correspondence, funding prospects, 1980-81
 - Spring, 1981 (includes "papers written by CRR participants, outside materials [information on] funding, correspondence, and [information on] conferences."

Box 4:

- Dialogue sessions, 1980-81
- Papers, 1980-81 (2 folders)
- Inside papers/ "The book:" conference; goals, and quotes, 1981-82
- Outside papers, 1976-82
- Informal get-togethers, 1981-82 (2 folders)
- Research Park Study Group
 - Correspondence, 1989-90
 - Minutes, 1989
 - Directories and studies of research parks in the United States, Association of University-Related Research Parks Annual Conference Brochure, 1988-92

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Design and Feasibility, 1985-87
Alpert Study Responses, 1985-86 (includes report: "Design and Feasibility Study for a High Technology Research Park in the UI/Champaign/Urbana Community;" presentation transparencies, responses.)
Incubator Building, 1986
Battelle, 1984-1986
Technology park (including correspondence with development and management firms, conference brochure and paper), 1982-86
University Technology Center
 general, 1984-85
 Correspondence, 1984-85
"Economic Development and the University: A Talk Given to the American Business Club of Champaign," 1984
Dillon Mapother, 1984
New Initiatives, 1983-84
CSSC Background Papers, 1982-84

Beckman Institute

"Center for the Study of Intelligent Systems" NSF Proposal 1988
Program Advisory Committee, 1987

Institute of Government and Public Affairs (IGPA)

Administrative Files

IGPA (includes correspondence, minutes, notes), 1995-96.
Papers (includes publications, correspondence), 1995-96.
Memos and correspondence (includes minutes, publications, correspondence, and notes), 1991-93.
National Advisory Committee, Annual Meeting 1994.
"Policy Forum," 1992.

Robert F. Rich

"IGPA RR/DA", 1995-1997.

Box 5:

"IGPA Bob Rich Meetings Issues," 1992-93
Bob Rich 93," ca. 1990-93.

Projects Center for Technology in Government (SUNY Albany), alliance with IGPA.
Executive Masters of Public Administration Program (EMPA)

NCSA Visualization Project, 1993

Information Technology

1996-97

Anne Bishop, 1991-92

School Finance: An Illinois Lawmakers and Elders Roundtable, 1997.

Science and Technology Policy

"Papers," 1992-94

1990-91

Seminar

FY 1993

1992

1991

Ned Stowe Report (Ad Hoc Committee Report), 1990-91.

National Computational Science Alliance

1992-1997

Aspen Summit '96: Cyberspace and the American Dream (includes papers, notes, conference materials), 1996

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"Building a National Interdisciplinary Research Network for Socio-Economic Modeling"
(NSF Proposal)

SEMNET/SEMtool, 1989, 1992.

Global Change--Readings, 1990-1992.

CCNet (Champaign County Network, Inc.), 1992-96.

Computing in Social Science, 1991-93.

Communications of the ACM, 40, no. 11.

Education (3 folders), 1990, 1993-95.

Memorandum of Understanding concerning the program in Science, Technology, and
Society and the NCSA, 1989.

Publications, 1997-98

Retreat, 1994

Security Policy/Keys, 1993

Vision, 1995

World Wide Web Federal Consortium, 1997.

Outside Consulting

University of Arizona

Center for the Study of Education, 1987

1987-1994

California Polytechnic State University

February 1995 Visit, 1994-95

1993-95 (3 folders; includes material relating to February 1995 visit)

Publications (including correspondence and drafts)

List of Publications, 1941-85

Design characteristics of Resonant Cavities, 1942

The IB24 Design--Chapter 4 of the TR Switch. Westinghouse Research Laboratories
Research Report R. 94411-9-A, ca. 1946.

Offprints, 1949-1967

Production and Measurement of Ultrahigh Vacuum, 1957

Committee on Economic Growth, 1964-1966.

Box 6:

Theoretical and Experimental Studies of the Underlying Processes and Techniques of
Low Pressure Measurement, 1966.

Federal Contract Research Centers Annual Report, 1966

Welcoming Address to the Eight Symposium on Reproduction, 6/22/67

Reports, 1968-72

The Impact of Science and Technology on Regional Economic Development (National
Academy of Sciences Publication), 1969.

Drafts, 1973

Papers and Speeches, 1963-1987

Papers and Speeches, 1968-1970

Papers and Speeches, 1971-1972

Papers and Speeches, 1973-1975

Newspaper article, 1974

The Plato IV System in Use: A Progress Report (conference paper), 1975

Advances in Computer-Based Education (Science 1967, 1582-1590)

Science, Technology, and the Future--Speech AVS Annual Meeting, October 1980.

"What is the Problem of Retrenchment in Higher Education?" 1981-85

"Organization Design of a High Technology Corporation," 1984

"Economic Development and the University," 1984

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"Performance and Paralysis"
Offprint, 1985
Original Figures, 1991
"Performance and Paralysis"--November 1983
"Performance and Paralysis"--(10/21/83)
"Performance and Paralysis"--April 1983 Version
"Performance and Paralysis"--August 1984 revision
"List of those sent Performance and Paralysis Paper," 1985.
List of those sent Performance and Paralysis Paper and Responses
Correspondence
Performance and Paralysis Sequel, 1985
References and Articles (2 folders)
Industrial Spinoffs from Universities
Paper, 1985
Correspondence, 1985
Conference Material
1985

1986
Looking Ahead (Dial Club, 1986)
Papers, 1986
Correspondence re: participation in panel discussion; 3rd Continuing Education
Conference, 1986
ASME Conference, 1987
Administrative Science Quarterly, 1988
Offprint, 1993
Presentation at Ohio State University Deans' Retreat, 19 September 1985.
Design and Feasibility Study for a High Technology Research Park in the
UI/Champaign/Urbana Community, 1985-87.
Bayard-Alpert Gauge, 1985
Press clippings and papers relating to vacuum research, 1953-1955
"Beckman Paper" (Interdisciplinary Research), 1985
"Minnesota Talk" (Cross-Disciplinary Research, University of Minnesota Symposium),
May 1988.
"Higher Education's Future Role? Two Reports Offer Varying Visions," 1993
UHV
Early history
History, Orlando, 1993
American Vacuum Society
Talk, 1993
Correspondence, 1993
Paper, "Ultrahigh Vacuum Technology at Westinghouse Research Laboratories
(1947-1957), 1993.

Box 7:

Personal Correspondence (Very diffuse, 3+ letters to Seitz, Peltason out of hundreds?)
Alpert Personal Correspondence 1965-1991 (14 folders)
Alpert Recommendations, 1978-1985
Alpert Physics Correspondence, 1968-1970
Alpert's Notes from Thinking about Things, 1969-1973
Alpert Trip Report, 1953

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Coordinated Science Lab (CSL)

Administrative, 1961-1965 (2 folders)
Correspondence, 1965-1972 (2 folders)
Building Program, 1962-1964

National Academy of Sciences

Committee Correspondence, 1966-1967

Box 8:

Committee Correspondence replies, 1967-1968
Working Conference on Systems Design for Computer-based Instruction, 1968 (2 folders)

STS

Administrative

Advisory Committee, 1983-1988 (4 folders)
Annual Report, 1986-1988 (2 folders)
Boland, 1986-1989
Bullard, Clark, 1986-1988
Budget, 1984-1991 (4 folders)
Budget Allocation Request, 1987
Budget Spring, 1989
Center Proposal to Establish STS, 1987
Closing of the STS Center, 1989-1991
Computer Network Budget, 1987
Correspondence, 1987-1991 (4 folders)
CAS/STS Correspondence re: space, 1988
Cultural Values & Ethics, 1990
Faculty Address Labels, ??
Faculty Correspondence, 1989-1990
Fall Correspondence, 1985
Foundation Account, 1988-1990 (2 folders)
Facility Planning & Management Memos, 1988-1990 (2 folders)
Faculty Correspondence, 1988-1991 (3 folders)
Future, 1986-1989 (2 folders)
General Correspondence, 1988-1990 (4 folders)
Herendeen, Robert, 1987
Inventory, 1989-1990
Institute of Government & Public Affairs correspondence, 1989-1990
Job Description, 1987-1988
LAS/STS Correspondence, 1989-1990
Melhado, Evan, 1989

Box 9:

Memos, 1978-1989 (3 folders)
Memos re: Honors Program, 1985
Papers, 1979-1980
Planning, 1984-1990 (2 folders)
Program Budget, 1988-1989
Purchased Equipment Inventory, 1986-1990

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Quality of Undergrad Education Reports, 1987-1989
Scheduling, 1981-1982
Seitz, 1989
Steering Committee Memos, 1985-1991 (7 folders)
Stowe, Edward, 1988-1989
Vice Chancellor of Academic Affairs Correspondence, 1988-1989
VC for Academic Affairs Correspondence, 1989-1990

Computer Network

Expenses, 1986-1987
Integrated Systems Ownership Information, 1985-1986
Inventory, ????
Memo of Understanding, 1986
Memo of Understanding, FY 1988
Papers, 1983, 1985-1986

STS Courses

150 The Construction of Science, 1987-1989 (2 folders)
180 Nuclear Weapons, Nuclear War, and Arms Control, 1989-1990
199/PHY 199 Scientific Knowledge, 1986
201 Technology & Human Values, 1983, 1985-1988, 1991 (3 folders)
202, 1986, 1990
204 Materials and Civilization, 1987-1988
218 Topics and Texts, 1987
247 Science in Western Civilization, 1979-1980
260 Science & Technology in Contemporary Literature, 1989-1990
275 Technology, Values, and the Future Readings, 1979-1980 (2 folders)

Box 10:

296 Science in the Ancient World, 1989-1990 (2 folders)
301 Sociology of Scientific Knowledge, 1987
310 Knowledge of Science and Society Readings, 1980
STS Brochure, 1987
College of Communication & Business Administration, 1987
Course Lists, 1989
Course Lists 1990-1991
Course Outlines, 1984-1985
Undergraduate Project Draft, 1989
Herendeen, Robert, 1979, 1986-1988
Honors Program, 1987-1989
Informational Flyer, ?
Nanney, David, 1986-1987
Andrew Pickering, 1986-1988
Program Description, 1984-1985
Programs in STS, 1979-1981 (2 folders)
Spring 1986, 1986
Technology and American Education (TAE) administrative, 1984-1985
Technology and American Education (TAE) Correspondence, 1984-1985
TAE Outlines & Questions, 1984
Technology, Values & the Future, 1979-1980
Technology & Public Policy, 1982

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Understanding Technological Systems (UTSS) Course Outline, 1987
UTSS Course Outline, 1988
UTSS Course Brainstorming, 1988-1989
UTSS Course Potential FAC, ????

Box 11:

Seminars:

Branscomb, Lewis forum, 1989
Bullard, Clark forum, 1989
Burkhardt, Chip, 1989
Circe, 1988
Earth Day 1990
Erich Block Luncheon, 1991
Forman, Paul 1989
Friedman, Michael forum, 1989
Fuller, Steven forum, 1989
Gooding, David forum, 1988
Goldwasser, Edwin forum, 1988
Hargens, Lowell B., 1985, 1990
HPSS Readings, 1989-1990
IGPA/Stowe trip report, 1990
Jones, Bryan forum, 1989
Jones, Robert 1988
Keyser, Paul, 1989
Medical Scholars forum, 1989
Millercomm-Spender, 1991
O'Leary, Ted, 1986-1987
Rich, Robert, 1986-1989
Rich, Robert forum, 1989
Seitz, Steve, 1989
Shapere, Dudley, 1989
Seminar papers, 1983-1986 (2 folders)
Seminar Notes and Readings, 1981
STS Forums-General, 1988-1989
STS Forum, 1985-1986
STS Seminars 1984-1991 (13 folders)
von Hippel, Frank, 1991
Technological Literacy Conference, 1990
Technology Conference at Indiana University, 1990
U+USEC Group Symposium, 1989
Winner, Langdon Forum, 1985

Proposals

EPIC Proposal, 1989
Center Proposal, 1987
STS/NSF Panel Reviews, 1988
STS/NSF Proposal, 1988
PBY, 1990
Proposal, 1983
Scientometrics proposal, 1989
Scientometrics S&T Center (Hargens), 1989

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History

Brochure Originals, 1987
Newsletter, 1989

Box 12:

History, 1980, 1982, 1988 (2 folders)
Literature & Science Group, 1990-1991

National Center for Supercomputer Applications (NCSA)

Climate Change Papers, 1990
Correspondence, 1989-1990
Geological Superthrust Modeling (GSM) Planning, 1989
Organizational Issues, 1989
SEM Conference, 1989
SEM Minutes, 1989-1990
SEM Network List, 1989
Socioeconomic Modeling (SEM) Planning, 1990

CAS

Administrative

Advisory Committee on Interdisciplinary Teaching and Research, 1976-1977
Advisory Committee on Interdisciplinary Programs, 1979
Building Plan, 1966-1973
CERL PLATO Contract, 1985-1986
Correspondence, 1975-1976, 1984-1985 (2 folders)
Development & Director Replacement, 1986
DMH/CAS Grant Correspondence, 1975-1976
DOA/CAS Grant Correspondence, 1975-1976
Documents, 1977
PLATO correspondence, 1981-1982
Program Development, 1966-1972
University Technology Center correspondence, 1984-1985
Wargo & Knibbs correspondence, 1981-1982

Projects

CAS-CIC project, 1981-1982
CAS/OASES proposal, 1981
A Collaborative Network for Supporting Decision-Making in State Legislatures
grant, 1977, 1981-1982
Computer-based Networks for the Delivery of Social Services proposals, 1975-

1976

Box 13:

Organization of State Social Services, 1977
Proposal for Research Resource Center for AIDS, 1989
Social Work Advisory, 1984
State of Illinois Commission on Intergovernmental Cooperation subcontract,

1978-1979

Personnel

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(Justifications to add secondary discipline)

Berdahl, Robert N., 1986-1987
Brown, Theodore L., 1985-1986
Bruner, Edward, 1978-1979
Costin, Lela, 1979
Everhart, Thomas E., 1985-1986
Goldwasser, E. L., 1985-1986
Hutchings, Bruce, 1979
Kramarae, Cheris, 1979
Lett, John, 1979
Llewellyn, Don, 1979
Riley, Robert, 1979
Petersen, David, 1979
Sherwood, Bruce Arne, 1979
Solaun, Mauricio, 1978-1979
Sonka, Steve, 1987-1988
Stout, Robert, 1979
Voelker, William, 1979
Watts, Emily, 1978-1979
Wechsler, Howard, 1979

PLATO

Administrative

Annual Reports to the Dean, 1959-1964
Applied Reports, 1977-1980
Center for Advanced Computation, 1972
Central Data Corp Agreements, 1968-1972
CERL Budget, 1972
CERL Closure, 1993
CERL Correspondence, 1966-1969 (2 folders)

Box 14:

CERL Correspondence (general), 1971-1972 (2 folders)
CERL Goldwasser Correspondence, 1989-1991
CERL Stolurow Correspondence, 1961-1968
CERL Memo, 1989-1990 (2 folders)
CERL Memorandum of Understanding, 1972-1974
CERL Policy Committee Notes, 1971-1972
Correspondence, 1960-1965
City Colleges of Chicago memos, 1971-1972
Computer-Based Education Committee Memos, 1968
Console Development, 1970-1971
Handbooks, 1974-1975
Memorandum of Understanding, 1971-1973
Miscellaneous Budgets Notes & Charts (Important), 1971-1976
Papers, 1963-1964, 1970 (2 folders)
Science Research Associates Correspondence, 1966-1969
Teaching-Machine Conference Memos, 1960-1962
UICC Correspondence, 1971-1972

Box 15:

History

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Early History, 1965-1988
Articles (in various stages), 1972-1977

Patents

Bitzer patent papers, 1970-1971
Eastman-Kodak papers, 1969-1970
Fujitsu patent papers, 1968-1970
IBM Plasma papers, 1969-1970
Owens-Illinois agreements, 1967-1971
Plasma patent papers, 1970-1971
Plasma display papers, 1968-19
Plasma Display Bitzer, 1960-196771
PDP-Bitzer Patents, 1968-1971

Projects

Advanced Research Projecs Agency-A Proposal for System Software and Behavioral Science
CERL Novanet, 1993
CERL-Proposal for a Large-Scale Computer-Based Education Experiment, 1970
CERL-Proposals through 1970
NSF Proposal-Copyrights & Licensing, 1971-1972
NSF Contract, 1972
PLATO-Booz, Allen, Hamilton report, 1972
PLATO-Chicago Public Schools, 1970-1972
PLATO Final report, 1977

Box 16:

PLATO-Magnavox, 1971
PLATO-related proposals, 1972-1973

Informal Get-Togethers (IGT)
IGT 1981-1988 (8 folders)

Seminars

Argument in Science Seminar, 1987
Argument in Science articles, 1987 (2 folders)
Readings (HPSS), 1988-1989
Energy seminars, 1970-1980

AIDS Research Network

Eisenman, David P. (AIDS), 1988
Fishbein, Martin (AIDS), 1988-1989
Minutes (AIDS), 1988-1989
Meeting Notes (AIDS), 1988
Seitz, Steve (AIDS), 1988-1989

Allerton Conference, 1984-1987
Committee on Institutional Cooperation correspondence, 1985
CAC- ERG Policy, 1977
CSS: Task Force on Federal Policy Development, 1980
Research Board correspondence, 1986-1987