

15/5/50
Liberal Arts and Sciences
School of Chemical Sciences
Stanley Smith Papers, 1957-2006

Box 1:

SUBJECT FILES

A-1 Alarm Service, 1996
Advisory Committees
Laboratory Mechanic Academic & Committee on Instructional Resources, 1968-1989
Educational Technologies Board, 1988
Department of Chemistry, 1989-1995
Courses and Curricula, 1994
Chemistry Computer Committee (C3), 1995-1997
General Chemistry Committee, 1986-1996
Committee Lists, 1997-2001
Apple Computer
Copyright Problems (Smith v. EME Corp.), 1986
Letters of Inquiry, 1980-1981
Apple-Atari receipts, documentation & notes, 1980-1981
Brooks/Cole Contract, 1980
Cameras, 1971-1986
Chemistry Learning Center
Policy Documentation & Correspondence, 2000
Chemistry Learning Center, 2002-2003
Use Report
Chemistry Placement Program (Karl Wiegers), 1979
COMPRESS
Publishing Agreements, 1981-1996
COMPRESS, 1983-1986
Ads, 1984
Contract, 1986
Conduit, 1981
CORVUS, 1983
CUE (Council on Undergraduate Education) - 2 folders, 1993-1995
CMU (Carnegie Mellon University), 1991-1993
Cyclohexane Photos & Diagram
D. C. Heath, 1984
Drugs, 1968
Enbasic Documentation
Equipment Funds, 1994-1995
Falcon, 1988-2003
Falcon Publishing & Shareholders' Agreements, 1989-1995
Flygare Computer System (JHU Personal Computing Aid for the Handicapped) 2 folders, 1981

Grants

Educational Technology Board, 1990-1991
IBM Innovation, 1989-1990
NSF '83 (National Science Foundation), 1983-1984
OMSI (Oregon Museum of Science and Industry), 1991-1992
PRF 1980 (Petroleum Research Fund)
NSF '76, 1977
PRF '78, 1978-1980

Box 2:

NSF '73 - Short lived intermediates, 1972-1977
NSF - Prop. Grignards, 1965-1971
NSF '72 , 1971-1972
NSF '78, 1978
Research Board 1979, 1979
Research Board Summer '78, 1978
3 Year Baccalaureate Proposal 1975, 1975-1976
PLATO/General Electric Foundations, 1977
Murchison-Mallory Endowed Chair, 1995
NSF Application 1963, 1963-1967
Sloan Foundation, 1963-1967
NSF Fall '64 Applications, 1964-1965
NSF Proposal, 1961-1962
Intel – CLC Grant, 1999

Hackers Anonymous Information Exchange

IBM

Applications Brief (Project Excel), 1988
Advanced Technology Classroom (ATC), 1988
Contract, 1990-1991
Contract, “Project Seraphim”, 1986
Education Specialist Contract, 1988
Router

Illinois, University of, at Urbana-Champaign (2 folders), 1959-2006

IR Spectrographs

Joe Wyatt Challenge, 1993

KEQU

LAS Technology Policy , 1993

“Learn With Book”, 1962

Manuscripts

“Salt Effects” paper, UCLA, 1957-1959
Acetolysis manuscript & correspondence, 1964
Grignards, 1966
“Leaving group effects in solvolysis reactions”, 1966-1967
“The effect of magnesium bromide”, 1966
“Hydrolysis of ethyl thionbenzoate”, 1963

“Solvolysis of benzhydryl thionbenzoates”, 1962
“History of Computer-aided Instruction”, 1986
Networking Literature, 1986
NSF – Report of the ad hoc committee for chemistry, 1971
Operating Instructions
Photographs
Project Excel (video disk)
 Drafts/Correspondence – 2nd year, 1984
 Pre-proposal, 1985
 Machine Configurations, 1986
 3rd year report, 1986
 3rd year program, 1986
 3rd year equipment, 1986
 4th year, 1986-1988
 4th year Procedure Revision, 1987
 4th Year final Report, 1987
Qual 3.4 Spec
Queue, Inc. , 1988

Box 3:

Rate Summaries
Renovation, Chem Annex, 1972-1976
Renovation, Noyes Laboratory, 1994
Reprints (2 Folders)
Science in American Life Exhibition (5 folders), 1990-1997
 ACS - Smithsonian, 1990-1994
 Smithsonian - Dec 1990, 1990-1997
 Smithsonian - May 1992, 1992
Senate Briefing on CERL, 1993
Service Labs
 New Building, 1965-1967
 2nd Addition, Movable Equipment
 Building, 1963-1966
 Service Labs, 1964-1968
 Building, 1969-1970
Sinder Gradebook, 1993
Slides
 Aldoc
 Arenes
 Arsyn
 Ketone
 NMR
 NMR-2

Box 4:

OLAB
Organic Chem (2 folders)
Qualitative organic chem
Plato Talk
ROH
Steno
Syn
Synthesis
Software Code
Nonmetals
Qual Org Chem
Reactions
Syn
Arenes – Slides & Codes, 1969
Alcohol Nomenclature, 1980
Apple IR Prog (IR & Spec Problem Code & graphs), 1980
Grignards , 1980
Merged Mechanism (“Apple SNZ Prg”), 1980
Syn Code – Apple, 1980
Apple Router, 1981
Apple Code – Aldol, 1981
Character Generator Code (“NASA”), 1981
Gaslaw Program Code & Notes, 1981
Acid Rain, 1982
Balance Problems, 1982
Elements, 1982
Periodic Table, 1982
Chem Maze Code & Notes, 1986
Comprehensive Chemistry CMI Code (from Larry), 1990
Software Sales Receipts, Letters of Inquiry, 1980-1981
Stopped-flow Spectrometers, 1963-1972
Teaching Schedule (2 folders), 1986-2004
Tutor – memo, 1969
UCLA Alumni Newsletter, 1969
Undergraduate Instructional Award - Press Clippings & Correspondence, 1970
Undergraduate Instructional Award (proposal & grant), Summer 1971
WebCT, 1998
Wiley Publishing – correspondence, contracts, notes, 1981

CORRESPONDENCE AND COLLABORATION FILES

General Correspondence Files

Re. “Teaching Chemistry on a Microcomputer” (Apple II), 1981-1982
Re. CLC, videodisk development, IBM, etc (7 folders), 1984-1999

Box 5:

Misc re. Project Excel & Videodisk development, 1985
Copyright, 1986
Abulencia, James, 2005
Al-Aseer, Munther, 1980-1983
Alford, Ken, 1987-1988
Allison, Bruce, 1990-1994
Allison, Bruce - 1st and 3rd Year Paper, 1975
Avner, Al, 1965-1966
Balos, Barbara, 1979-1980
Baskin, Craig, 1974
Billet, James, 1966-1974
Blake, Margaret (Mickey), 2000-2001
Buckson, Rod, 1962-1971
Chabay, Ruth (2 folders), 1971-1996
Charbonneau, Larry, 1970-1987
Charbonneau, Larry – NBS, 1972
Collins, Hunter, 1998
Dixon, Marvin Porter, 1963
Fradenburgh, Sharon, 1979-1982
Frederick, Betz, 1986
Gallagher, Larry, 1989
Gammon, Steve, 1987-1993
Ghesquiere, Jim, 1970-1977
Goodson, Barbara, 1988-1990
Goon, David J. Wong, 1966-1972
Grandley, Robert, 1970
Graves, William (paper), 1987-1988
Haber, Dympra, 1980
Hanson, Milton P., 1970-1971
Hanson, R., 1960
Haight, Gil, 1969-1987

Box 6:

Hay, David, 1984-1987
Herron, Dudley, 1983
Johnson, Kim/Jim D., 1972-1974
Kean, Elizabeth (Betsy) (2 folders), 1983-1987
Kean, Betsy – Redox diskette, 1988
Kelter, Paul, 1999-2004
Kerr, Bob (Robert), 1968
Kistler, Kurt, 1985
Kraus, Susan, 1977-1984
Kucera, Barbara, 1991-1992
Liao, Julie
Ludwick, Adriane G., 1968-1973

Maeder, Sharri, 1984
McMahon, Robert J., 1980-1985
McMahon, Robert J., 1982-1986
McMahon, Robert J. , 1986-1988
Meyers, Harv, 1975-1977
Miller, Tyson, 2003-2005
Milligan, David V. , 1966-1992
Moore, Carolyn (3 folders), 1976-1981, 1988, 1993
Oelgeschlager, Karl (re. Falcon copyright agreement), 1994-1996
Oteiza, Raul, 1970-1979
Petillo, Peter, 2001
Petrovich, John P. (2 folders), 1962-1967, 1963-1965
Phillips-Batoma, Patricia, 2000-2001
Pinhero, Ed – re. Pilot V, 1986
Rudolph, Steve, 1968-1973
Scott, Kevin, 1989
Sears, Tom (COMPRESS), 1987-1988
Schelly, Zoltan (Stopped flows research), 1972
Schuster, Gary, 1990
Stifle, John (ADCIS paper, “Microprocessor delivery of PLATO courseware”)
Su, George, 1998
Waugh, Michael, 1987
Wells, June, 1964-1965
Westheimer, Frank, 1974-1975
Wheeler, Jim, 1974
Wiegers, Karl, 1973-1984
Winstein, Saul (3 folders), 1957, 1969-1970
Treptow, Richard, 1985
Yewdall, Cynthia, 2003-2004

Box 7:

PLATO FILES

Advances in Computer-based Education – PLATO progress report, 1969
Bement School – PLATO terminal install, 1979
CDC PLATO Lessons, 1976
CDC – Russian translation of Chemistry program, 1981
CLC Presentation, 1995
Chem 100 – PLATO for teaching assistants in Chem 100
Chem 101-102, PLATO/TV format, 1971-1972
Chem 338 – PLATO course outline & printouts
Chemistry Exam
“Chemical & Engineering News” – mentions of PLATO, 1969
Correspondence
 Re. Courseware specifications

General PLATO correspondence (4 folders), 1969-1985
Correspondence & schedules re. PLATO demos, 1970-1978
Licensing contracts & correspondence (7 folders), 1970-1995
NSF correspondence and proposals, 1971-1976
Courseware copyright agreement & correspondence, 1974-1975
Maggs, Peter (copyright), 1974-1980

Box 8:

ACS Correspondence, contracts, proposals, etc (2 folders), 1978-1985
Correspondence re. copyright, 1990-1991
Correspondence re. microcomputer conversion, 1992-1994

Evaluations

PLATO evaluation summaries, 1968-1971
Evaluation sheets, 1968
Chem 338, Fall 1969
Evaluations, 1969
Organic chemistry (Chem 234), 1969
Qualitative Organic Chemistry (Chem 338), Spring 1970
Evaluations, 1971
Elementary math evaluations, 1977
Evaluation Report, 1980
Evaluations, 1986

Facility cost estimate & design, 1970

General proctor program

Information requests re. CAI/PLATO, 1986-1987

Instructions (4 folders), 1968-1974

LAS/UIUC Proposal, 1968-1970

Literature (2 folders), 1968-1972

Memos (3 folders), 1969-1977

Photos

“Qual-Arene” original photos

Slides & screen printouts (3 folders)

Software brochures and catalogs (Falcon, IBM), 1986-1999

Solutions program, Betsy’s comments on

PLATO Talks

PLATO Tutor Language Book, CDC, 1977

Transparencies (2 folders), 1992-1995

User Data (3 folders), 1973-1976

Box 9:

COURSE MATERIALS

Exams - Chem 131 (2 folders), 1973-1984, 1990-1996

Exams - Chem 136, 1974-1975

Exams - Chem 231
Exams - Chem 234, 1969-1970
Chem 231, Spring 2004
Chem 232 (2 folders), 2005
Chem 233 - Course Papers (2 folders), Fall 2004
Chem 238, 1970

CONFERENCE FILES

University of Alberta
ACS Great Lakes Regional, PLATO Talk, 1969
"University of Wisconsin, Madison", 1972
AAAS/CONACYT (American Association for the Advancement of Science/Consejo Nacional De Ciencia y Tecnologia) - Science and Man in the Americas, 1973
ACS - Computers in Chemistry Workshop, 1975
ACS (American Chemical Society) - Division of Chemistry Education - PLATO demonstration, 1975
ACS - Great Lakes Regional Conference (9th), 1975
Hope College - PLATO demo, 1975
Jackson State University, 1975
University of California, Davis - PLATO demo, 1975
16th Conference on Reaction Mechanisms, 1976
BCCE (Biennial Conference on Chemistry Education) (4th), 1976
International Conference on Computers in Chemical Research, Education & Technology, Venezuela, 1975-1976
U of Alberta, "Computer Based Teaching of Chemistry", 1976
Rochester Institute of Technology, 1976-1977
"2YC3 (Two-Year College Chemistry Constortium) - 10th, Vicennes", 1977
ACS, 1977
ACS - Decatur-Springfield Section, 1977
"ASEE (American Society of Engineering Education) - Summer School, Colorado", 1977
Frontiers in Education, 1977
Southern University, 1977
Vienna - PLATO - Control Data Corp, 1977
University of California, San Diego - PLATO, 1977
University of Pittsburgh, 1978
Carolyn Moore @ ACS Great Lakes, 1978
4th National Workshop on Computers in Chemical Education, 1979
ACS, 1979
ACS - Great Lakes Regional, 1980
ACS - Houston, 1980
ACS - NE Regional, 1980
Ferris State College - PLATO demo, 1980
Ruhm & Haas Company, 1980
University of California, Los Angeles - 50 Years of Chemistry at UCLA, 1980
VA Polytechnic University, 1980

ADCIS (Association for the Development of Computer-based Instructional Systems), 1981
BCCE (6th), 1981
Duke University (Arnett) - "Teaching Chemistry with a Microcomputer", 1981
ACS - Las Vegas, 1982
BCCE - 7th - Oklahoma, 1982
Cornell College, Iowa, 1982
NECC (National Educational Computing Conference), 1982
NSF - Development in Science Education Review, 1982
University of Maine - University Wide Conference of Chemistry Faculty, 1982
U of Wisconsin - "Teaching Chemistry with a Microcomputer", 1982
Valparaiso University - Chemistry Club, 1982
ACS - Great Lakes Regional (17th), 1983
ACS - CCCE - Workshop IV - U of Kansas, 1983
ACS - Washington, 1983
Rose-Hulman Institute of Technology, 1983
Summer Computer Simulation Conference – Vancouver, 1983
UIUC - YMCA Friday Forum, 1983-1984
U of Wisconsin - Milwaukee, 1983-1984
2YC3 - San Diego, 1984
ACS – St. Louis, 1984

Box 10:

ACS - Colorado Section - Rampart HS, 1984
ACS - Peoria Section, 1984
Allerton Conference, 1984
BCCE - 8th , 1984
Eastern Michigan University - Pow Wow: The Future of Microcomputers in Chemical Education, 1984
UIUC - Enhancing Chemistry Workshop, 1984
Purdue Sep-84
University of Nebraska, Lincoln - Organic Teaching Symposium, 1984
AAAS - Arizona, 1984-1985
Western Illinois University – “Teaching Chemistry by Computer”, 1984-1985
ACS - Alabama Section (C. Moore), 1985
ACS - Chicago - Descriptive Chemistry Symposium, 1985
ACS - Great Lakes Regional (19th), Jun-85
Cameron University , 1985
Educom - IBM Exhibit, 1985
IBM, 1985
IBM - University of AEP Conf., 1985
IBM - Visit of IBM Representatives on Project Excel, 1985
NSF , 1985
New Zealand Institute of Chemistry, 1985
Teaching and Technology Conf (canceled), 1985
"University High School (Dr. Constance Curtain) - Teaching with a Microcomputer", 1985

U of Northern Colorado - Writing CAI Workshop, 1985
AAC (American Association of Colleges), 1986
ACS - Bozeman, 1986
ADCIS, 1986
All-Campus Computer Fair, 1986
IBM - ADCIS - Florida, 1986
IBM - Thornwood, 1986
EDUCOM (Interuniversity Communications Council), 1986-1987
ACS - Anaheim - History of Computers in Chemistry Book, 1986-1988
ACS - New Orleans, 1987
ACS - Great Lakes Regional, 1987
ACS - Regional - Columbus (Moore), 1987
Airforce Academy, 1987
Educom - Annenburg - Oct '87, 1987
IBM - Arizona, 1987
IBM - Atlantic City, 1987
IBM - Atlantic City (Handout), 1987
IBM - NY, 1987
IBM - Wisconsin - Conf on Academic Computing, 1987
New Orleans, 1987
University of Colorado, Boulder, 1987
University of Delaware - CIRCLE Advance, 1987
Westminster College, 1987
Worcester Polytechnic Institute, 1987
ACS - Los Angeles, 1988
BCCE - 10th - Purdue - First Lecture Series in Chem, 1988
IBM - Atlanta - Schools Partnership Executive Conf, 1988
IBM - New Orleans, 1988
IBM - Chicago Schools - CIC Illinois Teachers Workshop, 1988
ITS/CAI Conference, CMU, 1988
IBM InfoWindow Conference, 1988
NSF - May 88, 1988
NSTA (National Science Teachers Association) - St Louis, 1988
Whitfield School, 1988
Winona State University, Univ of Minnesota, 1988
10th International Conference on Chemistry Education, 1989
2YC3, 1989
Academic Computer Conference/Audio Visual Connection, 1989
ACS Florida (IBM Exhibit), 1989
ACS Hawaii (Pacific Chemistry Conference), 1989
Duke University, 1989
Educom, 1989
IBM - Anaheim - June 1989 - Academic Computing Conference, 1989
IBM - Forum for the Physical Sciences, 1989
FIPSE Implementation Meeting, Wisconsin, 1989
Indianapolis Hypermedia Symposium, 1989

Innovations (IBM), 1989
LaserActive, 1989
Pittsburgh Conference, 1989
Salt Special Session - Use and Development of Interactive Multimedia in Higher Education, 1989
UCLA - Physical Sciences Convocation, 1989
ADCIS, 1989-1990
Educom, 1989-1992
BCCE - 11th - Videodisk Applications Symposium, 1990
Educom, 1990
IBM- Atlanta, 1990

Box 11:

IBM - Atlanta July 11, 1990
IBM - Florida - June (Academic Computing Conference), 1990
IBM - Pittsburgh, 1990
IBM - NY - Comprehensive Chemistry Video, 1990
Montgomery College, 1990
St Louis (ACM SIGUCCS), 1990
Virginia, April 7 (Virginia Military Institute), 1990
Wisconsin Rotary, 1990
Purdue, 1990-1991
ACS - NY, 1991
ADCIS, 1991
Andy (Iorio) Design, 1991
Delaware, 1991
IBM Atlanta, 1991
IBM - Dallas (Academic Computing Conference), 1991
IBM - Higher Education Executive Conference, 1991
IBM - NY, 1991
Wabash - Technology in the Classroom, 1991
ACS - Atlanta, 1992
ADCIS, 1992
Belleville College, 1992
Educom, 1992
LAS Jubilee (UIUC), 1992
Oct 13 Union (Trends in Multimedia Instruction), 1992
Educom, 1993
Honors Symposium, 1993
IBM Leadership Exchange, 1993
IBM - Higher Education Executive Conference, 1993
Wisconsin, 1993
MACTLAC (Midwestern Association of Chemistry Teachers in Liberal Arts Colleges), 1993-1994
University of South Africa, 1993-1994

Association for Education Communications in Technology - Purdue, 1994
BCCE - 13th (2 folders), 1994
Educom, 1994
IBM - Higher Education Executive Conference, 1994
UI - President Conference Chicago, 1994
UIC - Guest Lecture, 1994
2YC3 - Midwest Region, 1995
CMU - CIL Distinguished Lecture Series, 1995
Chem-Ed Online Symposium, 1995
LAS Alumni Reunion, 1995
SHEEO - State Higher education Executive Officers - St Louis, 1995
SHEEO - Florida, 1995
Board of Trustees Meeting, 1995-1996
65th Student, 1996
BCCE - 14th, 1996
ChemConf - Online Symposium "New Initiatives in Chem Education", 1996
UIUC Honor Symposium (2 folders), 1996
University of Arizona - Guest Lecture, 1996
CLS (Chemical & Life Sciences Lab) Dedication, 1997
City Colleges of Chicago - Teaching and Learning Institute, 1997
Oaktown Community College - "Revitalizing General Chemistry at the Community College",
1997
UIUC - Murchison-Mallory Lecture, 1997
ACS - Pimental Award, 1997-1998
UIUC - Intel Campus Liasons Reception, 1998
ACS - Dallas, 1998
Governor's State University - 4th Annual GSU Student Rsch, 1998
UIUC - Honors Symposium, May 1998
BCCE - 15th Biennial conference on Chem Ed, 1998
South Carolina University Seminar - "Using Technology to Teach Chemistry", 1998
UI Online Retreat, 1999
ACS 31st Central Regional Meeting, 1999
LAS, 1999
MACTLAC, 1999
Murchison-Mallory Chair, 2000
Confchem 2000, 1999-2000
ACS-Midwest, 1999
ACS Conference, 2001
BCCE, 2002

Box 12:

AUDIOVISUAL MATERIALS & DIGITAL MEDIA

Materials on floppies, CDs, DVD-R, videodiscs, and optical discs have been copied to the Archives' Electronic Records Repository.

Comprehensive Chemistry Curriculum Version 1.04 (eleven 3.5" floppies), c. 1990
Comprehensive Chemistry Curriculum Version 1.05 (six 3.5" floppies), c. 1990
Compress (four 5.25" floppies)
Falcon Chemistry and Course Materials (eight CDs), includes one user's guide
Falcon Management System Versions 1.62 and 1.64 (four 3.5" floppies)
Introduction to General Chemistry (eleven 3.5" floppies)
Introduction to General Chemistry (seven 5.25" floppies)
Introduction to Organic Chemistry (six 3.5" floppies)
Introduction to Organic Chemistry (nine 3.5" floppies)
General Chemistry (seven 5.25" floppies)
Organic Masters and General Chemistry & Kansas Presentation (eight 5.25" floppies)
PLATO source, LAS talk, Digital Video Source, CCC Master, Storyboard (five optical discs)
Rain Game and Elements Game, ca. 1988 (two 5.25" floppies)

Film

American Chemical Society Awards Ceremony and General Meeting, VHS, 1998
Chemistry Videodisc Promo, VHS, 1985
Comprehensive Chemistry Curriculum, VHS
Exploring Chemistry, VHS, 1988
Exploring Chemistry (four DVD-R reformatted from videodisc)
Info Window Demo, VHS, 1987
Interview, Stan Smith/Bob Heterick, VHS, 1993
Videodisc Workshop Part II, VHS, 1985
Welcome to PLATO (one DVD-R reformatted from videodisc), ca. 1969
Worktape, VHS, 1988

Box 13:

Exploring Chemistry Interactive Videodisc Lessons in General Chemistry

Box 14:

Film

Curriculum Lab, 16mm, May 9, 1969
PLATO IV, 8mm
Unlabeled 16mm (seven films)
Unlabeled 8mm (one film)
Vol. 1-3, 16mm (taken from one reel)
Welcome to PLATO, 16mm, 5-26-69
Welcome to PLATO, 8mm (digitized and available online)

Unboxed item:

PLATO V terminal