

UNIVERSITY OF ILLINOIS AT SPRINGFIELD
Archives/Special Collections

P/Schweighauser, Series II

Personal Papers

Charles Schweighauser Astronomy, English & Environmental Studies, 1973-1989

9.5 cu ft

Box 1

Folders:

ENS 452 Environmental Natural Science, Fall 1986

ENS 484, Environmental Policies, Air, Fall 1987 (1 of 3)

" " " " " " " (2 of 3)

" " " " " " " (3 of 3)

ENS 485, Environmental Policies, Water, Fall 1987

ENS 474, Environmental, Perception, Fall 1989

ENS 452, Environmental Natural Science, Fall 1990

Presentations, 1975-79

" 1980-82

" 1983-84

" 1985-86

Roosevelt Center for American Policy Studies, "DEBTBUSTERS," 1986

Halley's Comet, Misc. Information, 1985

" " Oral History, 1985

" " Clippings, 1985

" " Lecture Series, 1985

" " Article in "The Living Museum," 1985

" " Video Tape, Working Papers, 1985

" " Curriculum Integration Guide, "Comet Halley: Once in a Lifetime," 1985

" " Course, "Comets for Everyone," Preliminary Papers, 1985

" " Course, "Comets for Everyone," Quizzes, 1985

" " Course, "Comets for Everyone," Materials and Lecture Notes, 1985

" " Xerographs of News Stories, 1910

" " "Comet Halley Returns," A Teacher's Guide, 1985 (Print and Braille)

" " "Comet Halley," Pamphlet, Sales, 1985-86

" " "Halley Ho," T-Shirt, 1985

ENS Program, 7-Year Review, Guidelines, 1988

ENS Program, 7-Year Review, Student Survey, 1988

ENS Program, Master's, 7-Year Review, Report Drafts, 1988

ENS Program, 7-Year Review, Faculty Achievements, 1988

ENS Program, 7-Year Review, Course Data, 1988

ENS Program, 7-Year Review, Report Drafts, 1988

ENS Program, 7-Year Review, Previous Review Material, 1983

ENS Program, History and Information, 1981-89
Natural Science Cluster Tenure Committee, 1974-75
ENP Program Personnel Committee, 1975-76
ENP Program Personnel Committee, 1977-78

Box 2

Folders:

ENS Program Personnel Committee, 1978-79
Natural Sci. Cluster Personnel Committee, 1978-79 (1 of 2)
" " " " " " " (2 of 2)
ENS Program Review, 1982 (1 of 3)
" " " " (2 of 3)
" " " " (3 of 3)
Five-Year Review, Ed Hawes (ENS & History), 1984
Five-Year Review, Malcom P. Levin (Biology), 1984
Natural Sciences Cluster Personnel Committee, 1984-85
ENS Program Personnel Committee, 1984-85
ENS Curriculum Committee, 1986
Lynton K. Caldwell on National Environmental Policy, 1987
New Faculty Orientation, 1987
ENS Program Personnel Committee, 1987-88
Illinois Environmental Council, 1988
Five-Year Review, Ed Hawes (ENS & History), 1989
Verbal Arts Festival, 1991
ENS 571, Sangamon River Valley, Summer 1983
ENS 491, Sangamon River Valley, Summer 1984 (1 of 2)
" " " " " " " (2 of 2)
ENS 571, Sangamon River Valley, Summer 1985
ENS 571, Sangamon River Valley, Summer 1986
Sangamon River Valley, Student Reunion, May 1987
Sangamon River Valley, Student Reunion, Fall 1987
ENS 571, Sangamon River Valley, Summer 1987
ENS 571, Sangamon River Valley, Summer 1988
ENS 571, Sangamon River Valley, Summer 1989
English 550, Dante, Fall 1989
English 499, Tutorial, Spring 1988
Literature 530, James Joyce, Fall 1987
Literature 591, Seminar, Dante, 1986
Literature 330, James Joyce, Fall 1984
English 480, Modern Drama, Spring 1986
English 480, Modern Drama, Spring 1987
English 480, Modern Drama, Fall 1988

Box 3

Folders:

Credit for Prior Learning/ Student Portfolio Review
Committee, 1991-92
Observatory, Memos & Correspondence, 1974-77
Observatory, " " 1978
Observatory, " " 1979
Observatory, " " 1980 (1 of 2)
Observatory, " " 1980 (2 of 2)
Observatory, " " 1981-82
Observatory, " " 1983
Observatory, " " 1984
Observatory, Memos & Correspondence, 1985
Observatory, " " 1986
Planetarium, Possible Sources of Funds, 1980-81
Planetarium, Preliminary Planning, 1981
Planetarium, Operation & Administration, 1981
Planetarium, Possible Candidates for Director, 1981-82
Planetarium, Possible Instrumentation, 1981-83
Astronomy-Physics Proposal, November 1980
Astronomy-Physics, 1981
Astronomy-Physics, 1982
Astronomy-Physics, 1983
Astronomy-Physics, 1984
Astronomy-Physics, 1985
Astronomy-Physics, 1986
Correspondence, Bart Bok, Astronomer, Univ. of Ariz., 1978-80 (1 of 2)
Correspondence, Bart Bok, Astronomer, Univ. of Ariz., 1978-80 (2 of 2)
Voyager One/Saturn Encounter, 1980
Navajo Astronomy (Bibliography) 1982
Meteorite Project, 1984
Astronomy at Univ. of San Juan, Argentina, 1984-85
American Astronomical Society, Visiting Lecturer Program, 1981-87

Box 4

Folders:

Advisees: Beals-Cobb
Davis
Dinkel-Jurisc
Keener-Matheis
Okonske
Paladino & Preston
Ramm

Robinson-Sundet
Taylor-Whitler
Tutorials: Akins-Cole
Doe
Elrod
Heinzel
Jackson
Kolton
Kunzeman
Lewis-McHugh
Means
Newman
Palinscar
Poludniak
Rainson
Center for Science & Public Policy, 1983-84
City Day School Evaluation, 1980
Madison Avenue Corridor Study, 1975
Illinois Environmental Council, 1976-77
Illinois Humanities Council, Illinois Rivers Film, 1977
NSF Proposal, Middle School Science & Math Teachers, 1986
Physical Science Program, 1972-75
Physical Science Program, 1976-80
Prospects for Program for Scientifically/Mathematically Disadvantaged, 1984-85
Memo to President Lacy about VIP Visits
Paul Shepard Appearance at SSU, 1984
Verbal Arts Festival, 1984
Physical Science (PHS) 410, Workshop for Science Teachers, Spring 1977
PHS 410E, Planetarium Management Workshop, Spring 1978
PHS 410, Astronomy Workshop, Summer 1976 (1 of 2)
" " " " " " (2 of 2)
PHS 410E, Astronomy Workshop, Summer 1977
PHS 410, Astronomy Workshop, Summer 1978
PHS 410, Astronomy Workshop, Summer 1979
PHS 410, Astronomy Workshop, Summer 1980
PHS 410, Astronomy Workshop, Summer 1981
Environmental Studies (ENS) 492, Environmental Risk Assessment, Spring 1985 (1 of 3)
ENS 492 (2 of 3)
ENS 492 (3 of 3)
Environment & People (ENP) 482, Energy & Environment, Spring 1977

Box 5

Folders:

ENP 482, Energy & Environment, Spring 1977
ENP 431, Energy & Environment, Spring 1981
ENS 431, Spring 1983
ENS 483, National Environmental Policy Act, Spring 1979
ENS 483, Spring 1980
ENS 483, Spring 1981
ENS 483, Spring 1983
ENS 483, Spring 1985
ENS 484, Air Quality, Spring 1980
ENS 484, Air Quality: Clean Air Act, Fall 1981
ENS 484, Air Quality: Clean Air Act, Spring 1984
ENP 492, Water Quality, Spring 1978
ENP 485, Water Quality, Spring 1981
ENS 485, Water Quality, Spring 1983
"Sangamon Prairies: A Sense of Place," Bibliography, 1975-82
"Sangamon Prairies . . ." Proposed Lit Course, 1981
"Sangamon Prairies . . ." Budget & Funding, 1981-83
"Sangamon Prairies . . ." Competitive Awards Program, 1982
"Sangamon Prairies . . ." Junior League Proposal, c1982
"Sangamon Prairies . . ." Photos, 1982 (?)
"Sangamon Prairies . . ." Funding Requests, 1982
"Sangamon Prairies . . ." Advisory Committee, 1982
"Sangamon Prairies . . ." Videotape Presentation, 1982
"Sangamon Prairies . . ." Request to Innovative and Experimental Studies Cluster, 1982
"Sangamon Prairies . . ." NEH Proposal
"Sangamon Prairies . . ." Correspondence, 1982-86
"Sangamon Prairies . . ." Pillsbury Proposal, 1983
"Sangamon Prairies . . ." Illinois Humanities Council Grant Proposal, 1984-85
"Sangamon Prairies . . ." Video Planning, 1984
Course: "The Sangamon River Valley: A Sense of Place," 1984
"Sangamon Prairies . . ." Video Planning, 1985
"Sangamon Prairies . . ." Video Writing and Production, 1985
 Commencement Address (Schweighauser), 1985
Employee of the Year (Schweighauser), 1985
ENP 474, Environmental Perception, Fall 1974
ENP 474, Summer 1975
ENP 474, Spring 1976
ENP 474, Spring 1977
ENP 474, Fall 1977
ENP 474, Fall 1978
ENP 474, Fall 1979

ENP 474, Fall 1980
ENS 474, Fall 1982
ENS 474, Spring 1986
ENP 477, American Naturalism, Spring 1975
ENP 477, Fall 1976
ENP 477, Spring 1978
ENP 477, Spring 1980
ENS 477, Spring 1984
ENP 471, Environmental Policies, Fall 1973
ENP 471, Spring 1974
ENP 471, Fall 1974
ENP 471, Spring 1975
ENP 483, Environmental Policies, Fall 1975
ENP 483, Spring 1976
ENP 483, Fall 1976
ENP 483, Summer 1978
ENP 351, Ecosystems, Values & Societies, Fall 1974
ENP 351, Spring 1975
ENP 452, Environment, Society & Bureaucracy, Summer 1975
ENP 451, Ecosystems, Values & Societies, Fall 1975

Box 6

Folders:

ENP 451, Spring 1976
ENP 451, Fall 1976
ENP 494, Environmental Natural Science, Fall 1977
ENP 453, Environmental Natural Science, Fall 1978
ENP 453, Fall 1979
ENS 453, Environmental Natural Science, Fall 1982
ENS 452, Environment, Society & Bureaucracy, Fall 1980
ENS 452, Fall 1981
ENS 452, Fall 1983
ENS 452, Fall 1984
ENS 452, Fall 1985
"Man in the Environment," PAC (Peoria), Summer 1976
"Man in the Environment," PAC, Summer 1977
"Energy," Workshop, 1978
"Energy & the Environment," Workshop, Spring 1980
"Project Target," Workshop, 1984
ENP 474, Environmental Perception, Cumulative Lecture Notes, 1974-86 (1 of 3)
ENP 474, Cumulative Lecture Notes (2 of 3)
ENP 474, Cumulative Lecture Notes (3 of 3)
Astronomy/Physics (ASP) 411, Summer 1982 [canceled]

Physical Science (PHS) 443, Survey of the Universe, Fall 1975
PHS 443, Fall 1976
PHS 431, Introduction to Astronomy, Fall 1978
PHS 431, Fall 1980
ASP 401, Astronomy for Everybody, Fall 1982
ASP 401, Fall 1984
ASP 401, Fall 1986
PHY 433, Modern Astronomy, Fall 1979
PHY 433, Fall 1981
ASP 402, Modern Astronomy, Fall 1983
PHS 432, The Solar System, Spring 1978
PHS 432, Summer 1980
PHS 434, Theories of the Universe, Fall 1977
PHS 434, Spring 1980
PHS 434, Summer 1981
ASP 405, Theories of the Universe, Spring 1984
ASP 405, Spring 1986
PHS 435, Astrophotography, Summer 1977
PHS 435, Summer 1978
PHS 435, Summer 1979
PHS 492, Astrophotography, Spring 1981
ASP 407, Practical Astronomy, Spring 1983
ASP 407, Spring 1985
ASP 407, Spring 1987
PHS 493, Observational Astronomy, Spring 1981
ASP 408, Spectroscopy, Spring 1983
ASP 408, Spring 1987
PAC 406, Life in the Universe, Fall 1981
PAC 446, Life in the Universe, Spring 1984
PAC 421, Life in the Universe, Spring 1985

Box 7

Folders:

ENS 571, "The Sangamon River Valley: A Sense of Place", Summer 1986, class memorabilia
- miscellaneous student posters, drawings and poems
ENS 571, "The Sangamon River Valley: A Sense of Place", Summer 1987, class memorabilia
- photo album and miscellaneous letters
ENS 571, "The Sangamon River Valley: A Sense of Place", Summer 1988, class memorabilia
- poem poster and an astronomy banner
Photograph of outhouse with students signatures (on shelf)

Box 8

Folders:

1. ENP 471/499 (Land Use, 1 of 3)

Papers

- a. "In Appreciation of Wilderness in Illinois" by John Palinscar
- b. "The Middle Fork Reservoir Issue: To Dam or Not to Dam" by James Yoho
- c. "Population Growth In Illinois: Problems and Proposed Solutions" by Thomas A. Griffith
- d. "Illinois Flood Plan Management" by Randall F. Witter
- e. "A Case Study of Noise Pollution in Coffeen, Illinois" by Gregory T. Zak
- f. "Proposal for Summer Wilderness Study Project" by Barbara Doe

2. ENP 471/483 (Land Use, 2 of 3)

Papers

- a. "Proposal for Wilderness Study of the Pine Hills Hutchins Creek Natural Area" by Barbara Doe
- b. "An Evaluation of the 'Proposed Environmental Policy for Lake Springfield'" by Frank M. Beaver 12/7/74
- c. "Eastside Urban Renewal, Springfield, Illinois: Suggestions on Its Uses and Possible Solutions" by Patrick T. Brennan 12/9/74
- d. "Land Use in Illinois" by Susan K. Lane
- e. "A Proposal - Mandatory Erosion Control Regulations in Illinois" by Roger Kiefling 12/75
- f. ENP 483 Final Exam by John Palinscar 6/14/75
- g. "MSDGC: Heading the Right Way?" by David R. Gray 7/1/75
- h. "An Energy Analysis of the Lisle Wire Farm" by Ken Wire 5/10/77
- i. "Analysis of Natural Gas, Forced Air Furnace Used Space Heating and Wood as an Alternate Source by David Keys 5/10/77

3. Land Use (3 of 3) 1975, 1978

Papers

- a. "Federal Crop Insurance" by Ronald O. McAddo, Fall 1975
- b. "Preserving Agricultural Land" by Stephen E. Dunn Summer 1978

4. Intersession 1976: American Identity

Papers

- a. "Ivy Day in the Committee Room: The Irish Politician" by Dan Kelly
- b. "Developing An American Identity Through Technology" by Robert Nelson
- c. "American Identity:Tensions and Myths" by Mary P. Smith

5. Intersession 1981: The Energy Decade

Papers

- a. "Gasohol: An Alternative Fuel" by J. Norman Jones

- b. "Thoughts About a Fading Lifestyle" by Hobart M. Henson
 - c. "Nuclear Fusion as an Energy Source" by Gary Joyce
6. Literature 435: American Renaissance
Papers
Final Exams
7. Intersession 1985: Origin and Evolution of Human Being
Papers
- a. "Creationism: A Religious Science?" by William J. Fury
 - b. "University/Multiversity, Creation/Natural Selection, Logic/Rationalization" by Joseph Hunt
 - c. "Creation Stories Among Various People of the World" by R.A. Bridges
 - d. "How Does Potassium-Argon Dating Work?" by Susan Rutter
 - e. "Thor Heyerdahl and the Pyramids of the Middle East" by Sheila H. Etchison
 - f. "Natural Selection and Material Genetics"
 - g. "How Nutrition Affected the Human Species" by Gia Williams
 - h. "Archeological Dating Techniques" by Aaron G. Shires
 - i. "Methods in Which Paleontologists and Archeologists Reconstruct the Diets of Early Human Beings" by Barbara J. Tucker
 - j. "Required Paper" by Peter Borgia
8. ENS 477/ENG 460: Expressions of American Naturalism
Paper
- "Rachel Carson: Balancing Man and Nature" by Sheila Chabak
9. ASP 405: Theories of the Universe (Fall 1989)
Papers
- a. Final exams (2)
 - b. "Nordic Cosmology in the Time of the Viking" by Kurt L. Kincaid
 - c. "Supernova" by Mark Henn
10. ASP 401: Astronomy for Everyone (Fall 1990)
Papers
- Final Exams
11. ENG 520: Joyce (Fall 1990)
Paper
- a. "James Joyce: Murderer" by Joe Carroll
 - b. "Analysis of Molly Bloom's Character" by Frank Neuberger
 - c. "The Father-Son Theme in the 'Hades' Episode" by Frank Neuberger 10/10/1990
 - d. "The Father-Son Theme in the 'Hades' Episode" (rework) by Frank Neuberger 12/19/90

Box 9

Folders:

1. ENS 452: Environmental Natural Science (Fall 1991)
 - Final Exams
2. ASP 401: Astronomy for Everyone (Fall 1992)
 - Final Exams

Box 10

Folders:

1. Ephemeris - Moon, 1984-1995
 - Contains tables for local times of moonrise for years specified above
2. Annular Solar Eclipse, May 10, 1994
 - Letters, articles, tables, NASA Ref. Publ. 1301, M.A. Project, National Geographic issue
3. Annular Solar Eclipse, May 10, 1994 Photographs of or relating to the eclipse

Box 11

Folders:

1. Sangamon State University Campus Art
 - a. "Art, Environment, and the Sangamon State University Campus" - Memo to President Spencer, July 1, 1975
 - b. Scopia Studio Information
 - c. "Art and the Natural Environment: A Cooperative Venture Between Sangamon State University and the Illinois Community Colleges", September, 1975
2. ASP Syllabi, 1984-87
3. Astronomy/Physics Minor Request. 1989-91
4. Astronomy/Physics, 1991-93 (Part 2 of 2)
5. Astronomy/Physics, 1991-93 (Part 1 of 2)
6. Astronomy/Physics, 1994
7. Multi-Mirror Technology, etc., 1981-96, (Part 1 of 2)
8. Multi-Mirror Technology, etc., 1981-96, (Part 2 of 2)

Box 12

Folders:

1. ASP 401: Astronomy for Everyone, Fall 1993 (1 of 2)
 - Final Exams
2. ASP 401: Astronomy for Everyone, Fall 1993 (2 of 2)
 - Quizzes
3. ASP 411: Astronomy for Teachers, Summer 1994 (1 of 2)
4. ASP 411: Astronomy for Teachers, Summer 1994 (2 of 2)
5. ENS (ENP) Syllabi 1973-87
6. ENS 433: Energy and the Environment, Fall 1988
 - Final Exams

7. ENS 491: Environmental Policies, Spring 1987
Final Exams
8. ENS 551: Environmental Natural Sciences, Fall 1993
9. ENS 551: Environmental Natural Sciences, Fall 1992

Box 13

Folders:

1. Literature Syllabi, 1984-87
2. Memos and Proposals, 1975-80
3. Mole Day, Lamphier High School, October 21, 1994
4. Sangamon River Valley, September 1991
5. Sangamon River Valley Book, 1991
6. Sangamon River Valley Book, 1993
7. Sangamon River Valley, 1993
8. Comet Shoemaker-Levy, July 1994
9. Observatory, Memos and Correspondence, 1994
10. Observatory Dedication, September 25, 1993
11. Observatory, Memos and Correspondence, 1993

Box 14

Folders:

1. Observatory, Memos and Correspondence, 1995
2. Long Range Academic Planning, 1993-1994
3. IBHE Productivity Report, June 1992

Box 15

Folders:

1. Shapley Lectures, 1993
2. Shapley Lectures, 1995
3. Astronomy-Physics Program, 1995
4. Astronomy-Physics Program, 1996
5. Observatory-Memos and Correspondence, 1996
6. Observatory-Memos and Correspondence, 1997
7. Photographs-Comet Hyakutake, 1996
8. Articles (Newspaper, Internet, Magazine-Hyakutake, 1996
9. Photographs-Comet Hale-Boop, 1996
10. Article (Newspaper, Internet, Magazine), Hale-Bopp, 1996

Added 12/21/01

Box 16

Folders:

1. ASP 401, Astronomy for Everyone, Fall 1994
2. ASP 402, Modern Astronomy, Spring 1991

3. ASP 404, Astrophysics, Spring 1992
4. ASP 405, Theories of the Universe, Spring 1993
5. ASP 407, Practical Astronomy, Spring 1993
6. ASP 407, Practical Astronomy, Spring 1995
7. ASP 408, Observational Astronomy, Spring 1993
8. ASP 408, Observational Astronomy, Spring 1995
9. ASP 409, Galaxies Structure and Evolution, Spring 1994
10. ENG 435, The American Renaissance, Spring 1994
11. ENG 460/ENS 477, Expressions of American Naturalism, Spring 1993
12. ENG 480, Literary Genres: Comedy, Spring 1991
13. ENG 520, Seminar: Comedy, Fall 1992
14. ENG 520, Seminar: Dante, Spring 1992
15. ENG 520, Seminar: James Joyce, Fall 1993
16. ENG 520, Seminar: European Novel, Fall 1994
17. ENG 520, Seminar: Comedy, Spring 1995
18. ENS 474, Environmental Perception, Spring 1992
19. ENS 551, Environmental Natural Science, Fall 1994
20. ENS 551, Environmental Natural Science, Spring 1994
21. ENS 551, Environmental Natural Science, Fall 1995
22. ENS 551, Environmental Natural Science, Spring 1995
23. ENS 551, Environmental Natural Science, Fall 1996
24. ENS 551, Environmental Natural Science, Spring 1996
25. ENS 551, Environmental Natural Science, Fall 1997

Added 01/24/03