



# Guide to the Vernon L. Smith Papers, 1938-2019

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## Summary

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**Collection Title:**

Vernon L. Smith papers, 1938-2019

**Source:**

Economists' Papers Archive

**Creator:**

Smith, Vernon L.

**Abstract:**

Vernon Smith (born 1927) is a Nobel Prize winner and Professor of Economics and Law at Chapman University. This collection primarily documents his professional life through his correspondence, writings, research, teaching, and professional service. It forms part of the Economists' Papers Archive.

**Extent:**

238 Linear Feet (190 record cartons.)

3.3 Gigabytes (Three sets.)

**Language:**

Material in English.

**Collection ID:**

RL.01220

**Permalink:**

<https://idn.duke.edu/ark:/87924/m1q94d>

**Preferred Citation**

[Identification of item], Vernon L. Smith papers, David M. Rubenstein Rare Book and Manuscript Library, Duke University.

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## Background

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**Scope and Content**

The bulk of these papers reside in Research and Writings, which contains extensive files of his research notes, reprints, and revisions of working papers by himself and others with annotations. Broadly speaking, these files document

important developments in experimental economics and his contributions to this field of study. Primary subjects include the development of a methodology for experimental economics; the implementation of experimental economics into the studies of asset trading, capital investment, game theory, environmental economics, price behavior, strategic decision making, and utilities; and the behavior toward, as well as the psychology behind, economic decisions. Print Materials includes reprints of journal articles by him on similar topics, many of which are also available through the library catalog.

Correspondence contains primarily professional communications concerning comments on his work by other economists, comments on other economists' work (dating from his days editing for several journals), and academic affairs (including recommendations and planning for classes and seminars). The contents of two email accounts have been transferred and are available, and they contain tens of thousands of messages.

Professional Service and Teaching follow his activities as a faculty member at the universities of Purdue, Brown, Massachusetts, Arizona, George Mason, and Chapman; his roles with organizations such as the National Science Foundation, National Academy of Science, and the Journal of Economic Behavior; and his domestic and international consulting on utility regulation.

## Biographical/Historical

### Chronology List

Date	Description
1927, Jan. 1	Born in Tucson, AZ
1949	BSEE, California Institute of Technology
1952	MA, University of Kansas
1955	PhD, Harvard University
1951-1952	Instructor of Economics, University of Kansas
1954-1955	Economist, Harvard Economics Research Project

<b>Date</b>	<b>Description</b>
1955-1967	Assistant/Associate/(Full) Professor, Purdue University
1957	"On the Use of Engineering Data and Statistical Techniques in the Analysis of Production and Technological Change: Fuel Requirements in the Trucking Industry", <i>Econometrica</i>
1957-1959	Research Consultant, RAND Corporation
1958	(with K. David and J. Wiley) <i>Economics: An Analytical Approach</i>
1958-1959	Faculty Research Fellow, Ford Foundation
1961	Investment and Production
1962	"An Experimental Study of Market Behavior", <i>Journal of Political Economy</i>
1967-1968	Professor of Economics, Brown University
1968-1975	Professor of Economics, University of Massachusetts
1975-2001	Professor of Economics, University of Arizona
1977	"The Principle of Unanimity and Voluntary Consent in Social Choice," <i>Journal of Political Economy</i>

<b>Date</b>	<b>Description</b>
1979	Research in Experimental Economics, vol. 1 (editor)
1982	Research in Experimental Economics, vol. 2 (editor)
1983	Editorial Board, The Cato Journal
1985	Associate Editor, Journal of Economic Behavior and Organization
1985	Research in Experimental Economics, vol. 3 (editor)
1986-1987	Founding President, Economic Science Association (ESA)
1986-2001	Research Director, Economics Science Laboratory (ESL), University of Arizona
1992	Editorial and Advisory Boards, Economic Theory
1993	Consultant and lecturer, Prospect Electricity, Australia
1994	"Preferences, Property Rights and Anonymity in Bargaining Games," Games and Economic Behavior
2001-2008	Professor of Economics and Law and founding Director of Interdisciplinary Center for Experimental Science (ICES), George Mason University

<b>Date</b>	<b>Description</b>
	(along with three colleagues from Arizona)
2002	Nobel Memorial Prize in Economic Sciences for his work on empirical economic analysis, especially related to alternative market mechanisms
2008-present	Professor of Economics and Law, George L. Argyros Endowed Chair in Finance and Economics, and founder of Economic Science Institute (ESI), Chapman University

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## Arrangement

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The Vernon L. Smith papers are arranged into six series: Correspondence, Personal, Print Material, Professional Service, Research and Writings, and Teaching.

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## Administrative Information

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### Publication Statement

David M. Rubenstein Rare Book & Manuscript Library

411 Chapel Drive  
Duke University  
Durham 27708  
[askRL@duke.edu](mailto:askRL@duke.edu)

URL: <https://library.duke.edu/rubenstein/>

### **Access Restrictions**

Access restricted. Some materials in this collection contain potentially sensitive information. Contact Research Services for access.

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

### **Acquisition Information**

The Vernon L. Smith papers were received by the David M. Rubenstein Rare Book and Manuscript Library as gifts from Vernon Smith between 1996-2022.

### **Processing Information**

Processed by Tanner Capps, Ted Holt, Paula Jeannet, Chloe Rockow, Jen Snow, Kathryn Terrell, February 2010; Hyeeyoung Kim, September 2017; Zachary Tumlin, April 2022.

Encoded by Ted Holt, Paula Jeannet, Jen Snow, February 2010.

Accessions described in this collection guide: 1996-0106, 2000-0416, 2001-0168, 2004-0004, 2008-0001, 2013-0182, and 2022-0018.

### **Use Restrictions**

The copyright interests in this collection have not been transferred to Duke University. For more information, consult the Rubenstein Library's Citations, Permissions, and Copyright guide.

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## **Related Materials**

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### **Related Material**

Alvin Roth papers, David M. Rubenstein Rare Book and Manuscript Library, Duke University.

Raymond C. Battalio and John B. Van Huyck papers, David M. Rubenstein Rare Book and Manuscript Library, Duke University.

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## Names and Subjects

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- Auctions -- Economic aspects
- Capital investments
- Economics -- Methodology
- Economics -- Psychological aspects
- Economics -- Simulation methods
- Economics -- Study and teaching -- United States
- Economists -- United States -- Correspondence
- Experimental economics
- electronic records (digital records)
- Game theory
- Markets
- Nobel Prize winners
- Prices
- Production (Economic theory)
- Public utilities -- Economic aspects
- Public utilities -- Prices
- Economic Science Association
- Economists' Papers Archive
- Smith, Vernon L.
- University of Arizona. Department of Economics -- Faculty

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## Collection Inventory

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### Correspondence, 1952-2018

#### Access Restrictions:

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

Some email files contain social security numbers. Restriction expires in 2077 or upon removal of SSNs.

#### Scope and Contents

Contains mainly professional and academic correspondence, with the bulk from 1971-2007. Includes email from two email accounts--one George Mason and

the other America Online (the GMU one also contains an export from Arizona, which is why it dates back to 1993).

Types of correspondence include: routine academic correspondence, including recommendations for students and faculty, as well as other academic affairs; works of other economists; correspondence concerning Smith's publications; some discussions of economic theory and applications; and professional correspondence, including non-academic recommendations and job offers.

Majority of the series falls into three main categories: comments on other economists' work, dating to his tenure as editor of several economics journals; comments from colleagues, referees, and other academics on his works; and academic affairs, namely recommendations and routine organizational letters dealing with classes and seminars.

Notable correspondence includes early exchanges with Paul Samuelson concerning Smith's thesis and graduate level coursework. Also, in one folder of miscellaneous personal correspondence at the end of the series (maybe box 24?), a colleague speaks at length in several letters about the Cuban crisis and civil rights protests.

Arranged chronologically.

1952 April-1959 September	Box 1
1959 September-1963 August	Box 2
1963 September-1967 August	Box 3
1967 September-1971 March	Box 4
1971 February-1974 February	Box 5
1975 February-1978 January	Box 6
1978 January-1979 December	Box 7
1980 January-1982 March	Box 8
1982 July-1983 November	Box 9
1983 November-1984 December	Box 10
1985 January-1986 July	Box 11
1986 August-1987 November	Box 12
1987 November-1988 December	Box 13

1989 January-1990 June	Box 14
1990 June-1991 September	Box 15
1991 October-1992 August	Box 16
1992 September-1993 August	Box 17
1993 May-1994 September	Box 18
1994 July-1995 September	Box 19
1995 October-1997 June	Box 20
1997 July-1999 June	Box 21
1999 January-2000 December	Box 22
2001 January-2003 April	Box 23
2003 May-2003 December	Box 24
1981-1988 referee comments	Box 24
1960-2018, 1960-2018	Box 177

**Scope and Contents**

Includes folders for Jonathan Hughes, John E. Pfeiffer, Jean-Claude Schoenman, Alan Silberberg, and Henry K. H. Woo, as well as the years 2003-2018.

GMU email account, 1993-2007	Digital-materials RL01220-SET-0002
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**Physical Description:** 50486 email messages; approximately 2.6 gigabytes.

**Access Restrictions:**

Some files contain social security numbers (indicated in inventory).  
Restriction expires in 2077 or upon removal of SSNs.

**Scope and Contents**

Contains email messages in MBOX format; includes an export from Arizona with messages that date back to 1993.

AOL email account, 2004-2007	Digital-materials RL01220-SET-0002
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Folder 1 > Optical-disc  
RL01220-OP-0005

**Physical Description:** 34541 email messages; approximately 385 megabytes.

**Access Restrictions:**

Some files contain social security numbers (indicated in inventory).  
Restriction expires in 2077 or upon removal of SSNs.

**Scope and Contents**

Contains email messages in MBOX format.

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**Personal, 1938-2019**

**Scope and Contents**

Contains Smith's academic coursework as a student; clippings; calendars and planners; personal correspondence; and vitae.

Academic coursework includes course notes, papers, and entrance and final exams from his time as a student at the California Institute of Technology.

Samuelson material concerns a seminar taught by Samuelson while Smith was pursuing a Ph. D. at Harvard.

Thesis appendix functions as an explanation of the theories in Smith's main text, utilizing the results of his economic work.

Clippings deal with the awarding of various professorships to him, and the Arizona Stock Exchange.

Interview, conducted for the book *Economics in Our Times*, explores the subject of experimental economics and his role in the study of it.

Arranged alphabetically by subject.

Academic coursework, 1938-1953	Box 25
Appendix to thesis, pareto, undated	Box 25
California Institute of Technology, entrance exams, 1938-1946	Box 25
Cal Tech, exams, 1944-1949	Box 25
Final Exams, 1947-1948	Box 25

Economics 611	Box 25
AM 1b, homework and exams, 1948	Box 25
Econ 304, development of economic thought to 1870, undated	Box 25
Econ 305, development of economic thought, 1951	Box 25
Samuelson seminar, 1953	Box 25
Apex Microtechnology, 1996-1999	Box 178
<b>Scope and Contents</b>	
Includes agendas, minutes, financial records, and other documents from Smith's time on Board of Directors for Apex Microtechnology, a corporation based in Tucson, Arizona that manufactures precision electrical components.	
Arlington Economics, 2007-2008	Box 178
<b>Scope and Contents</b>	
Contains operating agreement between Arlington Economics (AE) and founders Thomas Hazlett, David Porter, and Smith. AE is based out of Virginia and consults on experimental economics, telecommunications policy, environmental markets, electricity pricing, and antitrust.	
Calendars, 1983-1993	Box 25
<b>Physical Description:</b> 2 folders	
Clippings on Vernon Smith, 1986-1995	Box 25
Correspondence, family, 1972-1973 and undated	Box 25
Correspondence, personal	Box 25
Economists for Clark (Libertarian Party), 1979-1980	Box 178
<b>Scope and Contents</b>	
Includes few bits of material related to Smith's service as Chair of Economists for Clark. Ed Clark was Libertarian Party's nominee for U. S. President in 1980.	

Interview with Vernon Smith, undated	Box 25
Memoir, "Experimental Economics at Purdue," undated	Box 25
Memorial, Em Weiler	Box 25
Monthly planners, 1980, 1988, 1993-1996	Box 25
Property and Environmental Research Center; universities, 2010-2019	Box 178

**Scope and Contents**

Includes contents of personalized leather folder from Property and Environmental Research Center (PERC) and miscellaneous material from Chapman University (including draft grant agreement with Koch Foundation), University of Alaska Anchorage (including 1 8x10' of him), and University of Arizona.

Vitae, 1979, 1988-2001	Box 25
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**Physical Description:** 2 folders

Weekly planners, 1997-2001	Box 26
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Weekly planners, 2002-2019	Box 178
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**Scope and Contents**

Includes flags, notes, and inserts (loose and stapled in).

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**Printed Material, 1957-1991**

**Scope and Contents**

Consists of two groupings: Clippings and Reprints.

Clippings was assembled by Smith and consists of newspaper and magazine articles on topics such as auctions, energy resources, experimental economics, fixed prices, government regulation, and the stock exchange.

Reprints consists of articles written by him or for which he was a contributing author.

Large portion of the reprints are from a series published by the Purdue University School of Industrial Management Institute for Qualitative Research in Economics and Managment, which later became the Purdue University

Herman C. Krannert Graduate School of Industrial Administration, Institute for Research in the Behavior, Economic, and Management Sciences.

Arranged chronologically.

Clippings, 1975-1987 Box 27

Purdue reprints, 1957-1977 Box 178

**Scope and Contents**

Includes reprints from Purdue University, as well as other academic journals.

Reprints, 1957-1967 Box 28

Reprints, 1968-1979 Box 29

Reprints, 1980-1985 Box 30

Reprints, 1985-1991 Box 31

Reprints, 1992-2006 and undated Box 173

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**Professional Service, 1968-2019**

**Access Restrictions:**

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

**Scope and Contents**

Arranged by subject: Games and Economic Behavior, Guest Lectures, Journal of Economic Behavior and Organization, National Academy of Sciences, National Science Foundation, and Presentations and Seminars. These are followed by single folders in original order.

Contains files on contributions Smith made to professional associations such as the National Science Foundation, the Journal of Economic Behavior and Organization, and the National Academy of Sciences, as well as to the teaching profession and other associations. Contents are varied and include information on guest lectures, seminars, and workshops given by him at both the high school and faculty level, conferences he organized, consultancy positions he held, and professional association committee work he undertook.

Other material on conferences that he attended can be found in the Research and Writings Series. Many folders deriving from his undergraduate and

graduate teaching can be found in the Teaching Series. Because of the nature of his contributions to economics research, much of his work for or with government or non-profit organizations, such as his economic analysis of pollution and recycling for federal government agencies, is found in the Research and Writings Series.

Games and economic behavior Box 32

Guest lectures, 1982-2019 Box 178  
Box 179  
Box 180  
Box 181  
Box 182  
Box 183  
Box 184

**Scope and Contents**

Includes itineraries, expense forms, papers, transparencies, and correspondence related to guest lectures/workshops/seminars given by Smith. Some folders clearly indicate that he traveled with his wife Candace, and there are locations across the U. S. and around the world (primarily Europe and Asia). Presentations and seminars in boxes 35-36 probably have material of a similiar nature but from prior to the 1980s.

Nihon University Trip, 2005 Digital-materials RL01220-SET-0003  
Folder 1 > Optical-disc  
RL01220-OP-0002

**Physical Description:** 122 files; approximately 315 megabytes

**Scope and Contents**

Image files.

Journal of Economic Behavior and Organization Box 33  
Box 34

Midwest Economics Association; Mont Pelerin Society; Western Economics Association, 1958-2011 Box 178

**Scope and Contents**

Includes speeches delivered at 1958 Midwest Economics Association Meeting; 3 Mont Pelerin Society newsletters (November 1986, February 1988, and Winter 2011); and Westwinds (Western Economics Association newsletter), volume 6, number 3.

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National Academy of Sciences; National Science Foundation	Box 34 Box 35
Presentations and seminars	Box 35 Box 36
Other files	Box 36 Box 37 Box 38A Box 38B
Other files	Box 176

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## Research and Writings, 1950-2009

### Access Restrictions:

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

### Scope and Contents

Arranged alphabetically by subseries: Asset Trading, Experimental Economics, Game Theory and Strategic Interactions, Natural Resources and Utilities, Price Behavior, Other Writings, and Writings by Others.

## Asset Trading, 1971-1998

**Physical Description:** 16 boxes

### Scope and Contents

Arranged alphabetically by subject.

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Asset trading data	Box 49-54
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### Scope and Contents

Major folder groupings include: mug, 1992; az, 1987-1988; po, posted offer, 1979-1982; and treasury bills.

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Corporate finance, equilibrium, futures markets, credit rationing, allocation of risk	Box 39-40
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Markets	Box 40-47
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**Scope and Contents**

Includes material on market bubbles and crashes, endowments and Coase theorem, preference reversals, rational expectations, and market contestability.

Monopolies

Box 47-48

**Scope and Contents**

Includes "Natural Monopoly and Contestable Markets Hypothesis" , 1981-1983 and Empirical Study of Decentralized Institutions of Monopoly Restraint, 1978.

Off-floor trading, 1987-1991

Box 48-49

**Experimental Economics, 1974-2004**

**Physical Description:** 27 boxes

**Access Restrictions:**

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

**Scope and Contents**

Includes files on the Economics Science Lab at the University of Arizona (including a 2004 legal settlement between Arizona and Smith and three of his colleagues) and National Science Foundation grant proposals.

Three boxes of writings by other economists and academics in related fields are present; these are arranged alphabetically by author's last name and overlap with the Game Theory and Strategic Interactions subseries.

The remainder of the folders are arranged alphabetically by subject.

Alphabetical files, "Experimental Economics and Game Theory" , A-E

Box 60

Alphabetical files, "Experimental Economics and Game Theory" , E-M

Box 61

Alphabetical files, "Experimental Economics and Game Theory" , M-Z

Box 62

Data, 1978-1983 and undated

Box 76

**Scope and Contents**

Includes charts of weekly experiments.

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Economics Science Lab, 1983-2000

Box 55-56

**Scope and Contents**

Includes budgets, executive committee minutes, lab development and management, and research proposals.

Additional material may be found interspersed throughout the Natural Resources and Utilities subseries.

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Economics Science Lab materials

Box 174

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Economics Science Lab; International  
Foundation for Research in Experimental  
Economics; Cybernomics, 1995-2004

Box 184  
Box 185

**Scope and Contents**

Includes material related to a 2004 settlement between the University of Arizona (UA) and 4 former UA employees: Smith, Stephen Rassenti, David Porter and Mark Olson. In 1999, a whistleblower complaint alleged irregularities in the affairs of the Economics Science Lab (ESL), International Foundation for Research in Experimental Economics (IFREE), and Cybernomics, Inc (an independent consulting firm that developed computer software for economic and market analysis). This led to a university investigation and audit that found that the 4 researchers may have personally benefited from use of UA facilities and other resources on behalf of Cybernomics, in violation of university and regent policies. Cybernomics dissolved in 2003 and the researchers agreed to pay back a portion of their salary, but admitted no wrongdoing. All 4 ended up at George Mason University (GMU), where they founded a reorganized ESL--the Interdisciplinary Center for Economic Science (ICES).

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Experimental economics and auditing,  
1987-1988

Box 63

**Physical Description:** 3 folders

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Experimental economics dictionary entry

Box 63

**Physical Description:** 2 folders

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"Economics in the Lab" , 1994

Box 63

**Physical Description:** 3 folders

Energy Department seminars, 1984 and 1990	Box 63
<b>Physical Description:</b> 2 folders	
Experimental Economics drafts, notes, and research	Box 63-64
Experimental method and theory, 1982-1988 and 2001	Box 65-66
Free trade, 1991-1992	Box 64
<b>Foundation grants</b>	
Earhart Foundation, 1982	Box 64
Lynde and Harry Bradley Foundation, 1989	Box 64
Handbook of Experimental Economics contributing articles, publication information, and reviews, 1996	Box 64
<b>Physical Description:</b> 15 folders	
History of Experimental Economic Science at the University of Arizona, 2003-2004	Digital-materials RL01220-SET-0001
<b>Physical Description:</b> 2 files; approximately 2 megabytes.	
<b>Scope and Contents</b>	
Text files; goes into great detail about a scandal that Smith found himself at the center of in the late 1990s/early 2000s at Arizona.	
Lakatos, 1989	Box 64-65
<b>Physical Description:</b> 6 folders	
<b>Scope and Contents</b>	
Includes information on the individual and articles on his contribution to the field of experimental economics.	
Law of unintended consequences, 1998	Box 65
Liberty Fund lecture, Montana, 1972	Box 65
Markets and Hayek hypothesis, 1982 and 1999-2001	Box 65
<b>Physical Description:</b> 6 folders	

Microeconomics	Box 8
<b>Physical Description:</b> 7 folders	
<b>Scope and Contents</b>	
Includes manuscript drafts, articles, and notes.	
Monetary rewards, reward saliency and incentive regulation, 1990-1993	Box 67-68
NSF grant proposals, 1974-1992	Box 57-59
Other files	Box 174
Papers in Experimental Economics, 1977-1984	Box 68-69
<b>Scope and Contents</b>	
Includes correspondence with publisher, drafts of contributing essays, and notes.	
Permission to publish, forms	Box 76
Political economy of exchange, 1986	Box 69
<b>Physical Description:</b> 9 folders	
Politics and antitrust regulation, 1980	Box 69
<b>Physical Description:</b> 3 folders	
Relevance of Lab Experiment to Testing Resource Allocation, Ann Arbor conference manuscript, notes, and referee reports, 1977	Box 70
Roth conference	Box 70
<b>Physical Description:</b> 2 folders	
Research in Experimental Economics, v. 1-4	Box 71-75
<b>Scope and Contents</b>	
Includes correspondence with contributing authors and publisher, contributing essay drafts, and notes by Smith (series editor).	
Seminars, articles by others and Smith, notes	Box 70-71

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"Theory, Experiment and Economics" ,  
Journal of Economic Perspectives, 1987-1989 Box 75

**Physical Description:** 7 folders

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"Wizard who oversimplified" paper and  
rebuttal Box 76

### **Game Theory and Strategic Interactions, 1990-2002**

**Physical Description:** 13 boxes

**Scope and Contents**

Arranged alphabetically by subject.

See also the Economics Science Lab boxes in the Experimental Economics subseries.

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Bargaining games, 1991-1994 Box 77-78

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Brain functioning and strategic decision  
making, 1992-1998 Box 78

**Physical Description:** 10 folders

**Scope and Contents**

Contains one color 5x7" photograph of Smith.

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Centipede games, 1990-1994 Box 78

**Physical Description:** 2 folders

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Cooperation, reciprocity, and trust, 1991-2002 Box 78-81

---

Cournot games, 1978, 2000 Box 81

**Physical Description:** 3 folders

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Data Box 85-90

**Scope and Contents**

Major folder groupings include: ultimatum, 1991; single blind, 1993; fof, friend or foe, 1997; mach, machiavellian, 1998; asur, assurance, 1995; exbarg, 1995-1997; dictator, 1993-1995.

---

"Experimental Economics and Evolutionary  
Psychology: Forward Signalling, Social  
Distance and Individuals Rights" , 1994 Box 81

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"Intentionality, Detection and Mind: Why does game form matter?" , 1999-2000	Box 81-82
"Toward a history of game theory" , 1992	Box 82
Monetary rewards and incentives, 1993-2000	
In ultimatum games, 1993-1994	Box 82
In strategic interactions, 2000	Box 82
"The Paradox of Power" , 1996-1998	Box 82-83
Players, 1998-2000	Box 83
"Sequential Bargaining and Game Theory Experiments" , 1989	Box 84
<b>Physical Description:</b> 2 folders	
Ultimatum/Dictator games, 1993-2000	Box 84

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## **Natural Resources and Utilities, 1969-2005 and undated**

**Physical Description:** 24 boxes

### **Access Restrictions:**

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

### **Scope and Contents**

Arranged alphabetically by subject: natural resources; utilities, electric; utilities, smart markets; and utilities, natural gas.

Material on natural resources includes proposals (mainly National Science Foundation) and research and writings dealing with issues of exhaustible resources (land, oil, and water) and resource preservation (recycling, waste accumulation, and Exxon Valdez accident assesment). Also includes material for Smith's book Economics of Natural and Exhaustible Resources.

Material on electric utilities concerns the regulation and deregulation of electric companies and consists of articles, charts, clippings, drafts, and proposals. The principal regions researched include Australia, New Zealand, the United Kingdom, and the United States (Alaska, California, Illinois, New Mexico, and especially Arizona). The bulk of the files deals with work conducted at the Economics Science Lab, but other partners in this enterprise include the Arizona Corporation Commission (ACC), Federal Energy Regulation Commission (FERC), National Economic Research Associates (NERA). Department of Energy (DOE), National Science

Foundation (NSF), Goldwater Institute, and various nationalized electric companies and government agencies.

Material on smart markets concerns the network design for all utilities, but primarily electric and natural gas. Major folder groups deal with research conducted for the industry in Hungary and his book on smart markets.

Material on natural gas consists of data, drafts, and research for his work entitled "Experimental Auction Exchange for Pipeline Transmission Networks" . Research was conducted in conjunction with FERC and the Energy Information Administration (EIA).

Box 174 includes unsorted material acquired through the 2013 accession.

FERC Reactive Power, 2005

Digital-materials RL01220-  
SET-0003  
Folder 1 > Optical-disc  
RL01220-OP-0001

**Physical Description:** 36 files; approximately 20 megabytes.

**Scope and Contents**

Text and presentation files.

---

Natural resources, 1970-2004

Box 90-93

---

Other files

Box 174

---

Utilities, electric, 1969-2005 and undated

Box 93-107

---

Utilities, natural gas, 1987-1994 and undated

Box 108-114

**Scope and Contents**

Includes data (charts, price regressions, and experimental auctions).

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Utilities, smart markets, 1991-1994 and undated

Box 107-108

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**Price Behavior, 1974-2000**

**Physical Description:** 24 boxes

**Access Restrictions:**

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

**Scope and Contents**

Concerns the theory and institutions of auctions and bidding, with a focus on double auctions, Dutch auctions, English auctions, multiple unit auctions, and sealed bid auctions. Additional subjects include price controls and radio spectrum auctions.

Arranged in original order.

Auctions, bidding, and lotteries Box 115-128

Auctions, 1985 Box 115

**Physical Description:** 3 folders

"Competitive Market Institutions: Double Auction vs. Sealed Bid Auctions," 1979-1981 Box 115

**Physical Description:** 8 folders

"A Comparison of Posted Offer and Double Auction Pricing Institutions," 1983 Box 115

"Experimental Comparison of Alternative Rules for Competitive Market Exchange in Computerized Double Auction Markets," 1978-1980 Box 116

**Physical Description:** 5 folders

First Price Auction Data; 2/6/91; Disk 001, 1991 Digital-materials RL01220-SET-0001  
Folder 2 > Disk RL01220-FL3-0001

**Physical Description:** 44 files; less than 1 megabyte.

**Scope and Contents**

Text files.

OCS leasing and auctions Box 116

**Physical Description:** 2 folders

"Why are not the Dutch and First Price Auctions Isomorphic?" Box 116

"Uncertainty and Partial Adjustment in Double Auction Markets," 1987 Box 116

"Modifying Market Theories in the Light of Evidence," 1989-1990	Box 116
"Auctions," The New Palgrave: a Dictionary of Economics, 1987-1991	Box 117
COT research proposal	Box 117
"Exogenous Uncertainty Increase the Bid-Ask Spread in the Continuous Double Auction"	Box 117
"An Experimental Study of the Plato Computerized Double Auction Market Mechanism," 1978	Box 117
<b>Physical Description:</b> 2 folders	
"Theory and Behavior of Single Object Auctions," 1980	Box 117
<b>Physical Description:</b> 8 folders	
"Institutional Design for Electronic Trading," 1993-1994	Box 117
<b>Physical Description:</b> 2 folders	
Auctions with a lambda variable	Box 118
<b>Physical Description:</b> 3 folders	
"In search for the Winner's Curse," 1983	Box 118
"Bidding and Auction Institutions: Experimental Results," 1974-1976	Box 118
<b>Physical Description:</b> 3 folders	
Dutch auctions	
Articles	Box 118
<b>Physical Description:</b> 2 folders	
Charts	Box 118
<b>Physical Description:</b> 2 folders	
Notes	Box 118
"Incentives and Behavior in English, Dutch, and Sealed Bid Auctions"	Box 118
<b>Physical Description:</b> 2 folders	

PDA protocol	Box 118
"The Discrete Bid First Price Auction," 1986	Box 118
Sealed bid auction theory and behavior	Box 118
Auction bargaining mechanisms	Box 119
Bidding institutions, notes	Box 119
<b>Physical Description:</b> 2 folders	
Bidding theory with risk preferences, 1983-1984	Box 119
<b>Physical Description:</b> 2 folders	
Properties auction	Box 119
Treasury auctions	Box 119
<b>Physical Description:</b> 2 folders	
Burlington Northern, certificate test program, 1988	Box 119
<b>Physical Description:</b> 2 folders	
Various articles on auctions	Box 119
Auctions and markets institutional design	Box 120
Boundaries of competitive price theory	Box 120
<b>Physical Description:</b> 2 folders	
PDA	Box 120
<b>Physical Description:</b> 8 folders	
DOA	Box 120
<b>Physical Description:</b> 2 folders	
Sealed bid offer auctions	Box 120
Back up charts, all auctions	Box 120
Sequential english auction	Box 120
Old transparencies, auctions	Box 120

BPA, board of overseers, demo, 25 October 1991	Box 120
Oral bid, double, and offer auction charts	Box 120
Dutch auctions	Box 120
Hooker Lecture, McMaster University, 5 October 1988	Box 120
Single and multiple unit auctions (sealed bid)	Box 120
Two commodities for PDA designs, 1983-1986	Box 120
<b>Physical Description:</b> 3 folders	
Multiple unit English clock auctions and assorted alternatives	Box 120
<b>Physical Description:</b> 2 folders	
Sealed bid offer auctions	Box 120
Case studies, applied math, 1988	Box 120
PCS auction, 1994	Box 121
N-4 regressions	Box 121
Lotteries	Box 121
"Individual Bidding with Simulated Competition," 1985	Box 121
Experiments	
Hugg	Box 121
Miller	Box 121
<b>Physical Description:</b> 2 folders	
Plott-Smith	Box 121
Instructions, double auction	Box 121
Q group proposal	Box 121

"Endogenous Entry and Exit in Common Value Auctions," 1991-1995	Box 121
<b>Physical Description:</b> 4 folders	
Posted offer and DA comparisons	Box 121
Dutch-English auctions, first-second, charts	Box 122
Discrimination vs. competition in sealed-bid auctions, charts	Box 122
"Designing Auction Institutions for Exchange," 1999	Box 122
"Tests of a Heterogeneous Bidder's Theory of First Price Auctions"	Box 122
<b>Physical Description:</b> 3 folders	
"The Effects of Rent Asymmetries in Experimental Auction Markets," 1982	Box 122
Comparision of three auctions, Bratton	Box 122
PLATO, 1978 and undated	
PLATO and TUTOR manual	Box 122
PLATO experiments	Box 122
<b>Physical Description:</b> 2 folders	
Bidding for a demand curve	Box 122
Auctions and bidding, 1986	Box 122
"Inducing Risk Neutral Preferences: an examination in a controlled market enviroment," 1986	Box 122
<b>Physical Description:</b> 4 folders	
Lottery regressions and charts	Box 122
Charts of nonlinear regressions	Box 122
"The Sealed-Bid Mechanism: an experimental study," 1987	Box 122

Concurrent trading in two experimental markets with demand interdependence, 2000	Box 123
<b>Physical Description:</b> 2 folders	
"Theory and Behavior in Auctions: effects of monetary rewards and decision cost," Irvine conference on decision theory	Box 123
"An Experimental Examination of the Walrasian Tatonnement Mechanism," 1996	Box 123
<b>Physical Description:</b> 3 folders	
"Numerical Computation of First Price Auction with Heterogenous Risk," 1998	Box 123
"Designing Auction Institutions: is Double Dutch best?," 1992	Box 123
<b>Physical Description:</b> 3 folders	
First price auctions	
First price auction with fixed payment (charge) for winning	Box 123
Rewards and behavior in first price auctions	Box 123
"Rewards, Experience and Decision Costs in First Price Auctions," 1992-1993	Box 123
<b>Physical Description:</b> 2 folders	
"Theory and Individual Behavior of First Price Auctions," 1986-1987	Box 124
<b>Physical Description:</b> 7 folders	
"Theory and Misbehavior in First Price Auctions," 1989-1992	Box 124
<b>Physical Description:</b> Folders 1-3 of 9	
"Theory and Misbehavior in First Price Auctions," 1989-1992	Box 125
<b>Physical Description:</b> Folders 4-9 of 9	
Data, 1991	Digital-materials RL01220-SET-0001
<b>Physical Description:</b> 1 disk image derived from 3.5" floppy disk; approximately 3.1 megabytes.	

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**Scope and Contents**

The disk is labled as: First Price Auction Data; 2/6/91; Disk 001.

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Materials for reply to Kagel-Roth	Box 125
"Theory and Behavior of Multiple Unit Auctions," 1982-1984	Box 125 Box 126
<b>Physical Description:</b> Folders 1-4 of 17	
Sealed bid auctions, Coppinger	Box 127
<b>Physical Description:</b> 2 folders	
"An Experimental Comparison of Alternative Rules for Competitive Market Exchange," 1979	Box 127
"A Test that Discriminates between Two Models of the Dutch-First Auction Non-Isomorphism," 1983	Box 127
<b>Physical Description:</b> 2 folders	
Bidding theory for heterogenous bidders	Box 127
<b>Physical Description:</b> 2 folders	
"Combinatorial Auction Mechanism for Airport Time Slot Allocation"	Box 127
<b>Physical Description:</b> 3 folders	
Bidding behavior in sealed bid discriminative auctions	Box 127
"A Comparison of Posted-Offer and Double Auction-Pricing Institutions," 1980-1983	Box 128
Experimental development of sealed bid auction theory	Box 128
<b>Physical Description:</b> 2 folders	
Combinatorial auction proposal, LECG/ESL/CALTECH, 1998	Box 128
Hand run call market sheets	Box 128
Price controls	Box 128

Radio spectrum auctions	Box 129
Data, 1978-1983	Box 129-138
<b>Scope and Contents</b>	
Major folder groupings include PDA, S-bid, SDS, DFD, DSD, and Dutch auctions.	
<b>Other Writings, 1958-2008 and undated</b>	
<b>Physical Description:</b> 19 boxes	
<b>Scope and Contents</b>	
Contains writings by Smith that do not belong in any of the other subject-based subseries.	
Arranged alphabetically by subject.	
American Economic Association, 1977-1981	Box 139
"On replicability" , 1981	Box 139
<b>Physical Description:</b> 2 folders	
Psychology and economics, 1977	Box 139
Anomalies, 1987	Box 139
<b>Physical Description:</b> 2 folders	
Behavioral economics research and the foundations of economics	Box 139
Cobweb	Box 139
<b>Physical Description:</b> 4 folders	
Coursey, Don, charts	Box 139
Consumer behavior, transparencies	Box 139
On "Creation vs. Discovery" and "The Origin of Predictable Behavior" , 1984	Box 139
<b>Physical Description:</b> 4 folders	
Data, 1978-2000	Box 187

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**Scope and Contents**

Includes instructions, forms, and results of experiments. Mostly math and numbers (graphs/charts/tables; formulas/equations) compared to writing and words (let alone whole papers). Could probably be divided and placed under existing subject-specific subseries by someone who knows more (such as experimental economics, price behavior, and game theory and strategic interactions).

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Economics will never be the same Box 139

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Evaluations of econometric models, 1981 Box 139

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"Humankind in Prehistory" Box 139  
Box 140

**Physical Description:** Folders 1-4 of 8

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"Economic Principles in the Emergence of Humankind" Box 140

**Physical Description:** 4 folders

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On "Emergence of Social and Political Institutions" , 1985 Box 141

**Physical Description:** 4 folders

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Externalities Box 141

**Physical Description:** 9 folders

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Fishing and Fisheries Box 141

**Physical Description:** 8 folders

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"Foundations of Experimental Political Economy" , Plott and Smith Box 141

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Fixed Cost Enviroments, 1996-1999 Box 142

**Physical Description:** 5 folders

**Scope and Contents**

Includes material on oligopolies and core allocation.

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Free institutions proposal, 1981 Box 142

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Frisco report, "An Analysis of Rail Piggyback Transportation" , 1958 Box 142

Health and history, notes and paper, 1994 <b>Physical Description:</b> 2 folders	Box 142
"Human Nature: An Economic Perspective" , Daedalus, 2004 Fall	Box 142
Hunting, 1973, 1985-1986, and undated <b>Physical Description:</b> 10 folders <b>Scope and Contents</b> Includes material on big animals, EPA conference, "Hunting and Gathering Economies" , and "Economics of the primitive hunter culture with applications to pleistocene extinction and the rise of agriculture" .	Box 143
"The Iraqi People's Fund" , Wall Street Journal, 22 December 2003	Box 143
Man as an ecological factor within nature	Box 143
Miscellaneous, 1951-2008 <b>Scope and Contents</b> Includes his M. A. thesis The Integrability Condition in the Pure Theory of Consumer's Behavior in hardcover and signed by Professor R. S. Howey and Dean Leonard Axe; correspondence with Cambridge University Press; and drafts and reprints of articles/chapters on Enron, stock market bubbles, risk aversion, experimental economics, deregulation of electric power, utility theory, trading, auctions, and microeconomics.	Box 185 Box 186
Motivation theory and behavior under the decision cost hypothesis, Smith and Walker	Box 143
New Zealand, 1987-1991 <b>Physical Description:</b> 5 folders <b>Scope and Contents</b> Includes material on colonization and the privatization and regulation of airports and telecommunications.	Box 144
Plato nameset file	Box 144
"In Search of Predatory Pricing" , Isaac and Smith, 1984-1985	Box 144

	Box 145
<b>Physical Description:</b> Folders 1-3 of 6 folders	
Property rights, 1950, 1982, 1998, and undated	Box 145-146
<b>Physical Description:</b> 15 folders	
Public goods, 1970-1985, 2001-2004, and undated	Box 146-149
Public goods, data	Box 149-152
Rationality, 1984-1991	Box 153
<b>Physical Description:</b> 7 folders	
Recycling, 1974-1975	Box 153
<b>Physical Description:</b> 2 folders	
Reflections on human actions after 50 years, 1999	Box 154
Siegal and other notes on EUT	Box 154
Supply and demand equations, undated	Box 154
"Thoughts on Neo-classical, Contract Theories of State" , 1980	Box 154
"The Two Faces of Adam Smith" , Southern Economic Journal, 1998	Box 154
<b>Physical Description:</b> 7 folders	
<b>Scope and Contents</b>	
Material derived in part from a revision to a previous paper concerning property rights.	
Tournaments	Box 154
"Why Market Optimists Say This Bull Has Legs" , Wall Street Journal, 23 May 2007	Box 154

### Writings by Others, 1961-2009

**Physical Description:** 8 boxes

**Access Restrictions:**

Access note. Some materials are electronic records that require special equipment. Contact Research Services with questions.

**Scope and Contents**

Primarily contains reprints of articles by others on various topics of interest to Smith, which largely parallels the rest of the series: experimental economics, game theory and strategic decision making, markets, and price behavior.

First two boxes are arranged alphabetically by author's last name. Remaining files are in original order.

Box 174 includes additional unsorted writings by others acquired with the 2013 accession.

Isaac and Walker, Research in Experimental Economics, 1989

Digital-materials RL01220-SET-0001  
Folder 1 > Disk RL01220-FL5-0001

**Physical Description:** 13 files; less than 1 megabyte.

**Scope and Contents**

Text files; "On The Suboptimality of Voluntary Public Goods Provisions" by R. Mark Isaac and James M. Walker.

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Writings by others	Box 155-161
Writings by others	Box 174
Writings by others, 1961-2009	Box 187

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**Scope and Contents**

Includes articles/chapters by Debreu, Durden-Smith, Hughes, Gordon, Malinvaud, Mendelson et al., Reiter, Spence, Hertwig and Ortman, Kimbrough, Levitt and List, Lopes, and Vickrey; a course pack for Competitive Decision Making from Raiffa; and publications of/from Fortune, Cato Institute, Heritage Foundation, and Immunology and Allergy Practice.

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**Teaching, 1957-2019**

**Scope and Contents**

Covers Smith's lengthy teaching career, which included stops at Purdue University, Brown University, University of Massachusetts, University of Arizona, George Mason University, and Chapman University.

Consists of two groupings: Courses and Departmental.

Courses includes assigned readings by himself and others, course notes, transparencies, student experiments and essays, exam subjects, class lists, and graduate advising information.

Departmental includes committee meetings concerning issues of honors candidates, fellowships, faculty, and promotion and tenure.

Arranged roughly chronologically.

Box 175 includes unsorted materials acquired through the 2013 accession.

Courses, 1957-1960s	Box 162
Courses, 1960s-1972	Box 163
Courses, 1970-1976	Box 164
Courses, 1978-1983	Box 165
Courses, 1984-1988	Box 166
Courses, 1988-1992	Box 167
Courses, 1992-1994	Box 168
Courses, 1995-1998	Box 169
Courses, 1999-2006 and undated	Box 170
Courses, 2002-2019, 2002-2019	Box 188

**Scope and Contents**

Includes syllabi, readings, and student papers from ECON and LAW courses at George Mason and Chapman.

Courses, undated	Box 171
Departmental materials, 1977-1997 and undated	Box 171-172

Economic Systems Design materials; other  
proposals; general lecture notes

Box 175

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