

Accession No.: 2003-33

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Craig, Harmon Bushnell 1926- 2003

Harmon Bushnell Craig Papers, 1948-2003

Physical Description: 21 mss

Description: The accession includes correspondence, subject files, student notes, manuscripts and reprints of publications by Harmon Craig and reprints of publications by others collected by Craig. The accession includes Harmon Craig's dissertation and student notes from the University of Chicago, including notes for chemistry courses taught by Harold Urey, Nathan Sugarman and others. The accession includes field notes from Wyoming in 1948, laboratory notebooks from the University of Chicago, and Craig's lecture notes for a course in isotopic thermodynamics at the Scripps Institution of Oceanography. The accession includes papers, a film, and subject files documenting GEOSECS.

**Harmon Bushnell Craig**  
**Papers, 1959-2003**  
**Accession Number 2003-33**

| <b>BOX</b> | <b>FOLDER TITLE</b>                              |
|------------|--|
| 1          | [ Reprints ] [1973-1982]                         |
|            | Chung [1975-1984]                                |
|            | Chung [1980-1984]                                |
|            | Chung [1973-1981]                                |
|            | Chung [1972-1981]                                |
|            | Chung [1979]                                     |
|            | Shackleton [1970-1973]                           |
|            | A.W. H. BE - Paleotemp [1968-1971]               |
|            | W. Broecker - Paleotemp [1966-1970]              |
|            | D. B. Ericson -Paleotemp [1956-1971]             |
|            | M. Ewing - Paleotemp [1956-1971]                 |
|            | J.D. Hays - Paleotemp [1965-1971]                |
|            | C. Emiliani - Paleotemp [1952-1971]              |
|            | C. Emiliani - Paleotemp [1953-1971]              |
| 2          | C. Emiliani - Paleotemp [1953-1964]              |
|            | Longinelli - Paleotemp [1966-1972]               |
|            | <b>Longinelli - CaCo<sub>3</sub> [1961-1966]</b> |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 2          | BADA - Amino Acids [1973]<br><br>Lowenstam - Paleotemp [1951-1955]<br><br>A. Mc Intyre - Paleotemp [1967-1970]<br><br>Others -Paleotemp [1963-1971]<br><br>Others - Paleotemp [1955-1971]<br><br>Others - Paleotemp [1950-1971]<br><br>Others - Paleotemp [1955-1970]<br><br>Others - Paleotemp [1955-1968]<br><br>A. Gordon - Antarctic [1961-1976]  |
| 3          | A. Gordon - Antarctic [1966-1974]<br><br>Reprints [1958-1979]<br><br>Reprints [1973-1980]<br><br>[Pornography and Perversion Reprints] [1970]<br><br>Rankama [1952-1950]<br><br>Rambery [1945-1952]<br><br>#101 1980 Arnold E. Bainbridge: In Memoriam<br><br>#100 1980 Acceptance Speech for the V. M Gold-Schmidt Medal<br><br>#99 1980 "Gas chemistry and helium isotopes at Cierro Prieto."<br>Welhan, Poreda et al.<br><br>#98 1979 "Methane and hydrogen in East Pacific rise hydrothermal<br>fluids." Welhan, Craig.<br><br>#97 1979 "Geochemical studies of the Weddell Sea." Weiss,<br>Ostlund, and Craig. |

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 3          | #96 1978 "Helium isotope ratios in Yellowstone and Lassen Park volcanic gases." Craig et al.                   |
|            | #95 1978 "Three-dimensional modeling of tracers in the deep Pacific Ocean: I..." Fiadeiro, and Craig.          |
|            | #94 1978 "A mantle helium component in circum-Pacific volcanic..." Craig et al.                                |
|            | #93 1977 "Lake Tahoe geochemical study: I. Lake chemistry and Tritium..." Imboden et al.                       |
|            | #92 1977 "Mantle helium in hydrothermal plumes in the Galapagos rift." Lupton, Weiss, and Craig.               |
|            | #91 1977 "Hydrothermal plumes in the Galapagos rift." Weiss, Lonsdale, Lupton et al.                           |
|            | #89 1977 "Prediction of the Haicheng earthquake." Rayleigh, Bennett, Craig, Hanks et al.                       |
|            | #87 1976 "Production of atmospheric nitrous oxide by combustion." Weiss and Craig.                             |
|            | #86 1976 "Large-volume in-situ filtration of deep Pacific waters..." Krishnaswami et al.                       |
|            | #85 1976 "Oxygen isotope fractionation in dissolved oxygen in the deep sea." Kroopnick and Craig.              |
|            | #84 1976 "Particulate and soluble Pb <sup>210</sup> activities in the deep sea." Somayajulu and Craig.         |
|            | #83 1975 "The Geosecs Program: 1973 – 1976." Craig and Turekian.   |
|            | #82 1976 "Primordial neon, helium, and hydrogen in oceanic basalts." Craig and Lupton.                         |
|            | #81 1976 "Oxygen isotope variations in marginal basin and ocean-ridge basalts: Pineau et al."                  |
| 4          | #80 1975 "Excess He <sup>3</sup> in oceanic basalts: Evidence for terrestrial primordial..." Lupton and Craig. |

**BOX****FOLDER TITLE**

4

#78 1974 "Lake Tanganyika geochemical and hydrographic survey." SIO Ref. Ser. 75-5.

#77 1974 "A scavenging model for trace elements in the deep sea." EPSL.

#76 1974 "Radium - 226 measurements from three Geosecs intercalibration..." Craig et al.

#75 1974 "The Geosecs program: 1972-1973" EPSL.

#74 1973 "Precise shipboard determination of dissolved nitrogen..." Weiss and Craig.

#73 1973 "Silicon - 32 profiles in the South Pacific: Somayajulu, Lal, and Craig.

#72 1973 "Radium - 226 in the eastern equatorial Pacific," Chung and Craig.

#71 1973 "Pb<sup>210</sup> - Ra<sup>226</sup>: Radioactive disequilibrium in the deep sea," Craig, Krishnaswami et al.

#70 1972 "Compositional variations of gases in temperate glaciers," Weiss, Bucher et al.

#69 1972 "Excess He<sup>3</sup> in the Atlantic Ocean," Jenkins, Beg, Clarke, Wangersky, and Craig.

#68 1972 "Total CO<sub>2</sub>, C<sup>13</sup>, and dissolved oxygen - O<sup>18</sup> at Geosecs II..." Kroopnick et al.

#67 1972 "Silicon, Radium, Thorium, and Lead in seawater: In-situ..." Krishnaswami et al.

#66 1972 "A benthic front in the South Pacific," Craig, Chung, and Fiadeiro.

#65 1972 "The Geosecs program: 1970-1971," Craig.

#64 1972 "Greek marbles: Determination of provenance by isotopic analysis," H.V. and Craig.

**BOX****FOLDER TITLE**

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#63 1972 "Excess-radon and temperature profiles from the Eastern..." Chung and Craig.

#62 1972 "Atmospheric oxygen: Isotopic composition and solubility..." Kroopnick and Craig.

#61 1971 "The deep metabolism: oxygen consumption in abyssal ocean water," H. Craig.

#60 1971 "Son of abyssal carbon," H. Craig.

#59 1971 "Dissolved gas saturation anomalies and excess helium in..." Craig and Weiss.

#58 1971 Ocean Water: (1) Interchange (2) Distribution - McGraw Hill Encyclopedia. Craig.

#57 1970 Radium 226 measurements from the 1969 N. Pacific Geosecs Station - Broecker et al.

#56 1970 "Excess helium<sup>3</sup> at the North Pacific Geosecs Station," Clarke, Beg, and Craig.

#55 1970 "Carbon 13 measurements on dissolved inorganic carbon..." Kroopnick et al.

#54 1970 "The Geosecs 1969 Intercalibration Station:..." Craig and Weiss.

#53 1970 "Oceanic He<sup>3</sup>: Contribution from cosmogenic tritium," Craig and Clarke.

#52 1970 "Oxygen - 18 variations in atmospheric carbon dioxide: The HASL data," Craig et al.

#51 1970 "Abyssal Carbon 13 in the South Pacific," H. Craig.

#50 1969 "Abyssal Carbon and radiocarbon in the Pacific," H. Craig.

#49 1969 "Density and refractive index hysteresis in compressed silicate glasses," Craig.

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 4          | #48 1969 "Excess He <sup>3</sup> in the sea: Evidence for terrestrial primordial He," Clarke et al.                          |
|            | #47 1969 "Geochemistry and the origin of the Red Sea Brines and recent..." Degens, Ross eds.                                 |
|            | #179 2000 "Paradox Lost: Silicon 32 and the Global-Ocean Silica Cycle," H. Craig, Somayajulu, K. Turekuin.                   |
|            | #173 1995 D/H Fractionation in the System Methane-Hydrogen-Water, GCA Y, Horibe and H. Craig.                                |
|            | #171 1994 Retention of He in subducted Interplanetary dust particles (Tech. Comment), H. Craig.                              |
|            | #167 Cosmogenic <sup>3</sup> He Production rates - W. USA and France, T. E. Cerling and H. Craig.                            |
|            | #166 Nonequilibrium Air Clathrate Hydrates in Antarctica Ice: Paleopiezometer for polar, H. Craig, HShoji and CC Langway Jr. |
|            | #165 N -15 & 0-18 Characteristics of Nitrous oxide: Global Perspective, K.R. Kim and H. Craig.                               |
|            | #164 Gravitational Separation in Polar Firn, (Tech. Comment), H. Craig.  |
|            | #163 Abiogenic hydrocarbons & mantle He in oil and gas fields. Jenden, Hilton, Kaplan, and Craig.                            |
|            | #162 Static Mass Spec. w/ triple collection for N and Ne isotopes, Craig, Marti, and Wiens.                                  |
|            | #161 He, Sr and Nd Isotopic variations in Lavas-Juan Fernandez Archipelago, Farley, Basu, and Craig.                         |
| 5          | #160 Helium isotope ratios Easter Microplate Basalts, Poreda, Schilling, and Craig.  |
|            | #159 Nutrient chemistry of water column Lake Tanganyika, Edmond, Stallard, H. Craig, V. Craig, RF Weiss, GW Coulter.         |
|            | #158 1992 He isotopes in Icelandic Geothermal systems: I. Poreda, Craig, Arnorsson, and Welhan.                              |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 5          | #157 1992 He and Sr isotopes in Lau Basin mantle, R. Poreda and H. Craig.   |
|            | #155 1992 Simple model for refract. Indices in mixed crystals and glasses (Garrels vol.), H. Craig.                                     |
|            | #154 Binary mixing..mantle components (He, Sr, Nd, Pb) in Samoan Lavas, Farley, Natland, and Craig.                                     |
|            | #153 1992 Oxygen supersaturate on Ice-covered Antarctic Lakes, H. Craig, R. A. Wharton, C.P. McKay.                                     |
|            | #151 1990 Helium and Carbon Isotopes in Indian Diamonds, R. Wiens, D. Lal, and H. Craig.  |
|            | #150 1990 Two-isotope characterization of N <sub>2</sub> O in Pacific Ocean. K - R. Kim & H. Craig.                                     |
|            | #149 1990 Cosmogenic <sup>10</sup> Be, <sup>26</sup> Al, & <sup>3</sup> He in olivine Maui Lavas, Nishiizumi, Klein, Middleton & Craig. |
|            | #148 1990 Rare gases & hydrogen in native metals (Lal Volume), Poreda, Marti, and Craig.  |
|            | #147 1990 Intro. of Karl Turekian for 1989 Goldschmidt award, H. Craig.   |
|            | #146 1989 He isotope transect along Indonesian arc, Hilton and Craig.   |
|            | #144 1989 Siljan deep well: He isotope results, Hilton and Craig.   |
|            | #144 1989 He isotope ratios in Circum-Pacific volcanic arcs, Poreda and Craig.  |
|            | #143 1988 <sup>3</sup> He in diamonds: The cosmogenic component, Lal, Craig, Wacker, Poreda.  |
|            | #142 1988 Magmatic He in subduction zone natural gases, Poreda, Jeffrey, Kaplan, and Craig.   |
|            | #141 1988 Gravitational separation of gases and isotopes in polar ice cores, Craig et al.   |



| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 5          | #140 1988 Isotopic composition of CH <sub>4</sub> in Polar Ice Cores, Craig et al.                                      |
|            | #139 1988 Is the Air in Amber Ancient? Horibe and Craig.  |
|            | #138 1988 He isotopes: He isotopes in geothermal and volcanic gases of Western US, II. Welhan, Poreda, Rison and Craig. |
|            | #137 1988 He isotopes in geothermal and volcanic gases of Western US, I, Welhan, Poreda, Rison, and Craig.              |
|            | #136 1988 Origin of N-rich natural gases in California Great Valley, Jenden, Kaplan, Poreda, and Craig.                 |
|            | #135 1988 Juan Fernandez Microplate N. of Pacific - Nazca - Antarctic Plate, Francheteau, Yelles - Chaouche, and Craig. |
|            | #133 1987 Cosmogenic <sup>10</sup> Be in Zaire alluvial diamonds, Lal, Nishiizumi, Klein, Middleton, and Craig.         |
|            | #129 1987 Comment "C isotope systematics of a mantle hotspot..." H. Craig.  |
|            | #128 1987 Cosmic-ray produced Ne and He in summit lavas, Maui.  |
|            | #127 1987 Oxygen supersaturation in the ocean, Craig and Hayward.   |
|            | #126 1986 Mantle He in Sacramento Basin natural gas well, Poreda, Jenden, Kaplan, and Craig.                            |
|            | #125 1986 Hydrothermal CH <sub>4</sub> plumes...Mariana back-arc, Horibe, Kim, and Craig.                               |
|            | #124 1986 Helium and Hydrogen isotopes in ocean ridge basalts: Iceland, Poreda, Schilling, and Craig.                   |
|            | #123 1986 Cosmogenic <sup>3</sup> He in terrestrial rocks: Maui, H. Craig and R. J. Poreda.                             |
|            | #122 1985 Intro of Alfred A. O. Nier for V. M. Goldschmidt Medal, Geochem.  |
|            | #121 1984 Introduction (Collected dead sea papers), H. Craig.   |

| BOX | FOLDER TITLE   |
|-----|--|
| 5   | #118 1983 Methane, hydrogen, and helium in hydrothermal fluids at 20 degrees North, J.A Welhan and H. Craig. |
|     | #117 1983 He isotopes and mantle volatiles-Loihi seamount... W. Rison, and H. Craig.                         |
|     | #116 1983 Introduction Loihi seamount collected papers.  |
|     | #115 1983 Lead-210 in Pacific Ocean (Geosecs), Y. Chung, and H. Craig.                                       |
|     | #114 1982 Methane: Record in Polar Ice Cores, H. Craig, and C.C. Chou.                                       |
|     | #110 1982 Geosecs Atlas Volumes: Introduction Geosecs Pacific Expedition, Volume 3.                          |
|     | #109 1981 Isotopic variations in mantle and crustal helium - Tibet Yunnan Geothermal Systems.                |
|     | #108 1981 A major helium-3 scare at 15 degrees south on East Pacific Rise, Lupton and Craig.                 |
|     | #107 1981 Determination of Tropospheric Nitrous Oxide, Weiss, Keeling, and Craig.                            |
|     | #106 1981 Crustal Processes of the Mid-Ocean Ridge, E. Pacific Rise Study Group.                             |
|     | #105 1981 Helium-3 and Mantle Volatiles in Ocean and Oceanic Crust, The Sea, Volume 7, Craig, and Lupton.    |
|     | #104 1980 "Helium-3 and Manganese at the 21 N. East Pacific Rise Hydrothermal Site," Lupton et al.           |
|     | #103 1980 " <sup>226</sup> Ra in the Pacific Ocean," Chung and Craig.  |
|     | #102 1980 "The Geosecs Program: 1976-1979," Craig and Turekian.  |
|     | Carbon Evaporites: Med. Sea Evaporites, [1973-1977]  |
| 6   | Carbon Evaporites: Evaporites and Brines, [1953-1972]  |

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 6          | <p>Elements formed by cosmic rays, [1953-1965]</p> <p>Cosmic Rays, [1940-1957]</p> <p>[Reprinted Journals] [1959-1976]</p> <p>Dating (Archeology) (Anthro), [1948-1978]</p> <p>Deep Sea Models. Circulation/Mixing, [1959-1978]</p> <p>Deep Sea Models. Circulation/Mixing, [1961-1977]</p>  |
| 7          | <p>[Reprints] [1949-1977]</p> <p>[Reprints] [1957-1978]</p> <p>[Reprints] [n.d]</p> <p>Diffusion Theory, [1971-1976]</p> <p>Diffusion Theory: Thermocline-Tritium Models (&amp; O<sub>2</sub> consumption). [1972]</p> <p>Estuaries, Rivers, Streams, [1961-1977]</p> <p>Estuaries, Rivers, Streams, [1954-1977]</p> <p>Fluid Inclusions, [1963]</p> <p>General Geology, [1909-1955]</p> <p>Geochronology (General), [1924-1963]</p> |
| 8          | <p>Geomagnetism: Angular Momentum, [1950-1957]</p> <p>Hydrogen: H – D, [1936-1963]</p> <p>Hydrogen: H – D, [1930-1956]</p> <p>Yu Chia Chung, [1974-1982]</p> <p>[Reprints] [1988-1989]</p> <p>Atmospheric Chemistry, [1963-1978]</p>   |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 8          | Astronomy, [1948-1953]<br>Biology, [1977-1978]<br>C <sup>12</sup> - C <sup>13</sup> - C <sup>14</sup> Chemistry, [1951-1962]  |
| 9          | C <sup>12</sup> --C <sup>13</sup> - C <sup>14</sup> Chemistry,[1951-1972]<br>Reprints of "Chemical Geology," [1996]<br>[Reprints] [1973-1993]<br>Snow and Ice, [1965-1980]<br>Other - Ice, [1963-1971]<br>Lorius – Ice, [1967-1969]<br>Papers to be filed, [1961-1976]<br>Papers to be filed, [1961-1978]<br>Urey – Isotopes, [1931-1956]                   |
| 10         | Urey -Other Papers, [1952-1956]<br>Urey-Other Papers, [1952-1962]<br>Urey-Other Papers, [1952-1961]<br>Others – Isotope Fractions [1948-1975]<br>C <sup>14</sup> [1965-1979]<br>Meyer Rubin - C <sup>14</sup> [1964-1970]<br>Hans Suess - C <sup>14</sup> [1966]<br>Others – C <sup>14</sup> [1956-1980]<br>Lakes, [1965]<br>A. Lerman – Lakes, [1969-1972] |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 10         | Others - Lake, [1963-1972]<br>D. Baker - C <sup>13</sup> - Organic & C <sup>13</sup> – Organic, [1970]  |
| 11         | S. Epstein - C <sup>13</sup> - Organic, [1970]<br>W.M. Sackett - C <sup>13</sup> - Organic, [1964-1969]<br>W. M. Sackett - CaCO <sub>3</sub> [1963-1967]<br>Stahl -C <sup>13</sup> – Organic, [1967-1970]<br>[Reprints] [1960-1978]<br>R.N. Clayton - Lt. Isotopes & Lt. Isotopes, [1971-1972]<br>S. Epstein - Lt. Isotopes, [1965-1971]<br>I. Friedman - Lt. Isotopes, [1970-1974]<br>Others - Lt. Isotopes, [1966-1970]<br>J. Geiss - Gases & Gases, [1969-1970]<br>Linnenbom - Gases, [1966-1971]<br>Wasserburg - Gases, [1964]<br>Others - Gases, [1956-1971]<br>Oversize, Film: Rivers of the Sea, 1401-1427<br>Allegre, Claude, [1981-1997]<br>Neil R. Anderson, General Correspondence, [1979-1981]<br>George W. Wetherill, General Correspondence [1993]<br>Richard C. Atkinson, General Correspondence, [1979-1985]<br>BBC – Open University, [1977-1978]<br>Dr. Rodger Baier, [1979-1980] |

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 11         | Dr. R. D. Ballard, [1979-1984]   |
| 12         | Dr. Asish R. Basu (U of Rochester), Basalts/China, [1984-1993]   |
|            | M. A. Beg, [1979-1984]   |
|            | Dr. John M. Bird, [1979]   |
|            | Yan Bottinga, [1976-1999]  |
|            | W. S. Broecker, [1969-1995]  |
|            | (BROECKER), WOCE Tracer Program, [1993]  |
|            | Paterno R. Castillo, Isotope Lab File, [1988-1992]   |
|            | Thure E. Cerling, [1984-1998]  |
|            | David Clague, [1981-1991]  |
|            | Getahun Demissie - Negussie Mekuria, Ethiopia, Geothermal Project,<br>Geological Survey of Ethnicity,[1978-1983] |
|            | Paul Dennis, General Correspondence, [1994-1995]   |
|            | Ronald E. Doel, General Correspondence, [1990]   |
|            | E. A. G, [1987-1988]   |
|            | E. U. G, [1993]  |
|            | John Edmond - MIT, [1978-1998]   |
|            | Dieter Ehhalt, West Germany, [n.d]   |
|            | Elsevier-Kerkhof, [1992-1994]  |
|            | Encyclopedia- <sup>3</sup> He Article, [1990]  |
|            | Explorers Club, [1987-1988]  |
|            | Giorgio Ferrara, Pisa, [1990-1996]   |
|            | Manuel Fiadeiro, [1977-1991]   |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 12         | Francheteau, Jean, [1979-1992]<br>Ian G. Gass, Open University, [1980-1989]<br>Joel R. Gat, [1926-1991]   |
| 13         | GAT (Other) Weizmann Institute of Science, [1981-1983]<br>Johannes Geiss, [1972-2001]<br>Frank Getz, [1979]<br>GISP (Greenland Ice Sheet Program) 1984<br>Thomas Gold, [1983-1997]<br>R. Gonfiantini, [1970-1998]<br>Alex N. Halliday, IIGMR, Zurich, [2001]<br>Dr. C. Harrison, [1979-1997]<br>Roger Hekinian, H. Bougault, [1981-1984]<br>David Hilton, [1993-1996]<br>H.D. Holland, [1981-1988]<br>Y. Horibe, [1969-1997]<br>G. S. Hurst, [1979-1982]<br>HU Guixing (Guiyang), [1993-1994]<br>ICOG – 8 1994 (Garniss Curtis)<br>D. M. Imboden, [1972-1977]<br>India – Virkam Professorship, [1991-1992]<br>Institut de la Vie, 1990<br>M. Kastner – H. Craiq, Telemail File, [1989-1996] |

| <b>BOX</b> | <b>FOLDER TITLE</b>                                 |
|------------|---|
| 13         | Kyung-Ryul Kim, [1981-1999]                         |
| 14         | D.W. Klick/D.L. Peck, [1978-1980]                   |
|            | Peter Kroopnick, [1972-1987]                        |
|            | Devendra Lal, [1970-1978]                           |
|            | Devendra Lal, [1980-1992]                           |
|            | Wesley Le Masurier, [1991]                          |
|            | Professor Antonio Longinelli (Trieste), [1990-1998] |
|            | John Lupton, [1981-1985]                            |
|            | Malahoff – Juan de Fuca, Correspondence 1984        |
|            | Malafit, Bruce, [1979]                              |
|            | Liliane Merlivat, [1980-1997]                       |
|            | Mexican Geothermal: Vidal and Mercado, [1980-1982]  |
|            | Frank J. Millero, [1975-1979]                       |
|            | K.O Munnich, [1970-1984]                            |
|            | Ostreng – Fridtjof Nansen Institute, [1983-1988]    |
|            | National Academy of Sciences, [1979-1994]           |
|            | Agassiz Medal – Nas, [1988-1989]                    |
|            | NAS Verona, [1988]                                  |
| 15         | National Geographic Society, [1980-1982]            |
|            | A.O.C Nier – U Minnesota, [1982-1991]               |
|            | William A. Nierenberg, [1970-1993]                  |
|            | Shale Niskin, [1970-1978]                           |



| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 15         | Thomas Gold, Correspondence, [1999]  |
|            | Oak Ridge Association, Universities - I.E.A, Workshop Origin of Natural Gas 1983 |
|            | Hans Oeschger – H. Loosli, [1972-1986]   |
|            | Dr. Yan Ong, Indonesia Papers, [1984-1985]                                       |
|            | H. Gote Ostlund, [1979-1990]   |
|            | Minoru Ozima, [1990-1994]  |
|            | Philippines, Correspondence 83, [1983]   |
|            | Colin T. Pillinger, Open University, [1986-1987]                                 |
|            | Robert J. Poreda, [1986-1998]  |
|            | Frank Press, [1979]  |
|            | Athol Rafter, New Zealand, [1978]  |
|            | Wolfgang Roether, [1971-1986]  |
|            | Richard Rosenblatt, SIO, [1992-1995]   |
|            | Royal Society, England, [1990]   |
|            | Jean-Guy Schilling Nomination, AGU Fellow, 1991                                  |
|            | Jean-Guy Schilling, [1984-1995]  |
|            | John G. Sclater, [1983-1989]   |
|            | B.L.K Somayajulu, [1971-1997]  |
| 16         | Debra Stakes, University of South Carolina, [1987-1990]                          |
|            | Peter Stoffers – Geol Paleo.Inst.Kiel, [1988]                                    |
|            | Henry Stommel, [1988-1992]   |
|            | Noriyuki Tanaka, Hokkaido, [1994-1995]   |

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 16         | Tatsumoto, Mitsunobu, [1980-1995]  |
|            | TWAS-Third World Academy of Science, [1989-1990]                         |
|            | Karl K. Turekian, [1971-1999]  |
|            | Donald L. Turcotte, [ 1989-1992]   |
|            | Veronis, Dr. George, Yale University, [1981-1989]                        |
|            | W.J. Verwoerd-Stellenbosch, Southern Africa, [1981-1982]                 |
|            | Martin Wahlen, [1989-1990]   |
|            | John A. Welhan, [1987-1990]  |
|            | Bat-Sheva Seminar, Israel, 1974  |
|            | Consultant-Argonne National Laboratory, 1971-1974                        |
|            | Joides Ocean Crust Panel, 1976   |
|            | Planet Terre Colloquium-Paris 6/89 (Mitterland)                          |
|            | Savannah River Laboratory Analyses, 1973                                 |
|            | Universidad Nacional Autonoma, Mexico City, Mexico, 1970                 |
|            | G. Coulter, [1978-1985]  |
|            | General Correspondence, A-L, 1989  |
| 17         | General Correspondence, M-Z, 1989  |
|            | Karl Turekian, Harmon Craig's Intro for Karl's Goldschmidt Medal, [1989] |
|            | Rare Gases and Hydrogen in Native Metals, 1989                           |
|            | Nishi, Maui, [1990]  |
|            | Marinello and Scarsi, [1989-1993]  |
|            | General Correspondence, I-P, 1981-1985                                   |

| <b>BOX</b> | <b>FOLDER TITLE</b>  |
|------------|--|
| 17         | Miscellaneous Correspondence, A-D, 1981<br>General Correspondence, 1981-1985<br>Miscellaneous Correspondence, A-L, 1978-1980   |
| 18         | Miscellaneous Correspondence, M-Z, 1978-1980<br>General Correspondence, A-H, 1973-1977<br>General Correspondence, I-P, 1973-1977<br>General Correspondence, R-Z, 1973-1977<br>Report to Geosecs Executive Committee from Project Director, June 8, 1971<br>Telex, 1978-1979<br>Telex, 1980-1982<br>Student Notes: Atmospheric CO <sub>2</sub> , 1950-1951 (University of Chicago)<br>Student Notes: HCO <sub>3</sub> <sup>-</sup> I, [n.d] (University of Chicago) |
| 19         | Lecture Notes: Isotopic Thermodynamics, Lecture Notes [n.d]<br>Student Notes: Statistical Mechanics, Chemistry 364, [1950]<br>Student Notes: Nuclear Chemistry, [1950]<br>Field Notes: Field Book for Summer Field Camp (Wyoming), 1948<br>Student Notes: Chemistry 362, Chemical Thermodynamics, [1950] (University of Chicago)<br>Student Notes: Physical Chemistry 261-262, [n.d]<br>Student Notes: Chemistry 361 and 362, [1943]                               |
| 20         | Student Notes: Mass Spectrometer, Carbon, 1950<br>Student Notes: Phosphate O <sup>18</sup> /O <sup>16</sup> , [1951]   |

| <b>BOX</b> | <b>FOLDER TITLE</b>   |
|------------|---|
| 20         | Student Notes: I. Measurement of Carbon Isotope Ratios, Record of Combustion Runs, [1951] (University of Chicago)<br><br>Student Notes: Geochemistry, Chemistry 303, [n.d]  |
| 21         | Student Notes: Paleontology, [1947-1948] (University of Chicago)<br><br>Structural And Petrologic Studies in Dutchess Country, New York Part I, [1936]<br><br>Structural And Petrologic Studies in Dutchess Country, New York Part II, [1936]<br><br>Isotope Lab, Hydrogen Spectrometer: MS-3, Instruction Book, 1957<br><br>Mass Spectrometer, Number One Reference Book, MS-1, 1956<br><br>Measurement of Paleotemperatures, Directed by Harold C. Urey, 1950 |