

GARBAGE PROJECT RESEARCH & REPORTING RECORD @ 2000

*** ADDRESSES & NUMBERS ***

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*** INTERESTS ***

Behavioral science measures of solid waste related to: diet and health; demographic and social differentiation; marketing and materialistic values; solid waste and hazardous waste generation; recycling, source reduction, and resource management; landfill composition and change through time.

*** GARBAGE PROJECT FRESH REFUSE DATA SETS, 1973- ***

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| 1973-94 | Regular Sorts of Residential Solid Waste in Tucson, AZ <ul style="list-style-type: none">• [1974-1975] Cross-verification of the Pima County Health Survey• [1980-1982] Cross-verification of the USDA Nationwide Food Consumption Survey• [1985-1986] Cross-verification of the NCI Food Frequency Questionnaire in Spanish |
| 1976 | Regular Sorts of Residential Solid Waste in Green Valley, AZ <ul style="list-style-type: none">• [1984-1985] Cross-verification of the NCI Food Frequency Questionnaire |
| 1978-80 | Regular Sorts of Residential Solid Waste in Milwaukee, WI |
| 1980-81 | Regular Sorts of Residential Solid Waste in Mexico City, DF <ul style="list-style-type: none">• [1983] Regular Sorts of Residential Solid Waste in Mexico City, DF• [1987] Household Hazardous Waste (HHW) Sorts in Mexico City, DF |
| 1980-81 | Regular Sorts of Residential Solid Waste in Marin County, CA <ul style="list-style-type: none">• [1986] HHW Sorts of Residential Solid Waste in Marin County, CA |
| 1986 | HHW Sorts of Residential Solid Waste in New Orleans, LA |
| 1988 | HHW & Weight/Volume Sorts of Residential Solid Waste in Phoenix, AZ |
| 1992 | Weight/Volume Sorts of residential refuse in Tucson (AZ) |
| 1993 | Weight/Volume Sorts of Commercial Solid Waste in Tucson (AZ) |
| 1993 | Weight/Volume Sorts of Apartment Complex Solid Waste in Tucson, AZ |
| 1994 | Weight/Volume Sorts of City of Tucson Government Offices Solid Waste |
| 1995 | Weight/Volume Sorts of University of Arizona Campus Solid Waste Tucson, AZ |
| 1995 | Weight/Volume Sorts at the American Graduate School of International Management, Glendale, AZ |
| 1996 | Weight/Volume Sorts of Outback Restaurant's Solid Waste |
| 1996 | HHW Pulls of Residential Refuse in Tucson, AZ |
| 1996 | Weight/Volume Sorts of Solid Waste Generated by U.S. Navy Ships <ul style="list-style-type: none">• USS Guam• USS George Washington• USS Merrimack• USS Radford• USS Roberts• USS Stout |
| 1996 | Weight/Volume Sorts of Solid Waste Generated by U. S. Navy Surface Combatants <ul style="list-style-type: none">• USS Essex• USS Fitzgerald• USS Sides |
| 1997-00 | USDA Food Waste Weight/Volume Sorts (including HHW) in Tucson, AZ |
| 1997 | Weight/Volume Sorts of Solid Waste for the Hopi Tribe, AZ |
| 1998 | USDA Food Waste Weight/Volume Sorts (including HHW) in Delaware |
| 1999 | Weight/Volume Sort Audit of Residential Fresh Refuse at Los Reales Landfill |
| 1999-00 | Weight/Volume Sorts of Residential Refuse in Rural AZ Communities <ul style="list-style-type: none">• Patagonia• Parker• Williams• Willcox |

- Casa Grande
 - Hayden
- 2000 **Weight/Volume Sorts** of Residential Refuse in Nogales, AZ

*** GP LANDFILL EXCAVATION DATA SETS, 1987- ***

- 1987 • Mullins Landfill, Tucson
- Greene Valley Landfill, Chicago
- Durham Road Landfill, The Bay Area, CA
- 1988 • Mallard North Landfill, Chicago
- Sunnyvale Landfill, The Bay Area, CA
- 1989 • Los Reales Landfill, Tucson, AZ
- Rio Salado Landfill, Tempe, AZ
- Fresh Kills Landfill, Staten Island, NY
- 1990 • Collier County Landfill, Naples, FL
- Naples Airport Landfill, Naples, FL
- Harrison Road Landfill, Tucson, AZ
- 1991 • Old Burlington Landfill, Halton Region, Canada
- Brock West Landfill, Toronto Metro, Canada
- Oakville Landfill, Halton Region, Canada
- West Mall Dump, Toronto Metro, Canada
- 1992 • Cross State Landfill, West Palm Beach, FL
- 1994 • El Dumpe Dumpsite, Tucson, AZ
- 1995 • Buzby Landfill, Voorhees Township, NJ
- 1998 • "A" Mountain Landfill, Tucson, AZ
- Rio Nuevo South Landfill, Tucson, AZ
- Nearmont Landfill, Tucson, AZ
- Sandtown Landfill "Wet" and "Dry" Cells, Sandtown, DE

*** Awards to the Garbage Project Staff & Students ***

- 1990 **AAAS/Westinghouse Award for Public Understanding of Science & Technology**
- 1992 **AAA Solon T. Kimball Award for Public and Applied Anthropology**

abbreviations used throughout:

- Assoc.** = Association; **AAA** = American Anthropological Association; **Inst.** = Institute
- AM** = Annual Meeting; **SAA** = Society for American Archaeology

GARBAGE PROJECT GRANTS

General Funds: Chevron Oil, 1973, 1974, 1975; American Can Company, 1976, 1978; General Mills, 1973; Hoffman-La Roche, 1973; SCA Services 1973; Continental Can Company, 1977, 1978

*** METHODS TO MEASURE AND MONITOR DIET ***

The Socio-Economic Correlates of Household Residuals: National Science Foundation, Program for Research Applied to National Needs, Contract # AEN 75-16271, 1975-76

Food Purchase/Discard Patterns of Older Americans--The Green Valley Garbage Project: Frito-Lay Company, 1976

Evaluation of Methods for Estimating Household Food Loss: United States Department of Agriculture, Consumer Nutrition Division, 1980-82

Verification of the USDA NFCS: United States Department of Agriculture, Consumer Nutrition Division, Contract # 53-3198-4-49, 1984-85

Meat Fat in the American Diet: National Live Stock and Meat Board, 1984, 1985

Verification of the NCI Food Frequency Questionnaire -- The Green Valley Garbage Project II: Governing Committee of Social and Behavioral Sciences Research, University of Arizona, 1985

New Methods to Assess Diet/Health of Hispanics (sub-contractor): National Cancer Inst., Health and Human

Services, Small Business Innovation Program, 1985.

*** METHODS TO CHARACTERIZE HOUSEHOLD SOLID WASTES ***

Responses to Recycling Media Campaigns:

- Environmental Protection Agency, Solid Waste Research Branch, Contract # R-805635-01-0 1977-78
- National Science Foundation, Program for Applied Science and Research Applications, Agreement # PFR 78-00660, 1977-78

The Milwaukee Garbage Project: Packaging in Household Solid Wastes:

- Environmental Protection Agency, Solid Waste Research Branch, 1978-79
- Solid Waste Council of the American Paper Inst., 1978-79

Estimation of the Heavy Metal Content of Municipal Wastewater Sludge from Common Household Products: Gurnham and Associates, The Loftus Corporation, 1979

Hazardous Wastes in Household Refuse -- Tucson: Amigos, 1985

Characterization of Hazardous Household Solid Wastes Relevant to the Generation of Pollutants by Waste-to-Energy Plants:

- Dames and Moore (Ecological Consultants) and Miller Brewing Co., 1985
- Queens College Foundation, 1986

Estimation and Evaluation of Hazardous Materials in Residential Solid Waste: The Dangers of Groundwater Pollution: National Science Foundation, Environmental and Water Quality Engineering, ECE 851 2090, 1985-88

The Sociometric Correlates of Hazardous Materials in Household Refuse in a Wet-Lands City: The New Orleans Case Study: Environmental Protection Agency, Office of Solid Waste and Emergency Response, 1986.

The Phoenix Project: Characterization of Recyclable Materials in Residential Solid Wastes: The City of Phoenix, 1987-88

Quantification of Hazardous Constituents in Household Refuse: CSMA, 1996-97.

Residential Solid Waste Characterization, Tucson, Arizona: The City of Tucson, 1997.

Solid Waste Assesment: Natural Resources Division, Kaibab Band of Paiute Indians, Pipe Springs, Arizona, 1998.

City of Nogales, Arizona Waste Characterization Study: Arizona Department of Commerce and Arizona Department of Environmental Quality, 2000.

A Waste Characterization for Selected Rural Communities: Southwest Public Recycling Association, Tucson, AZ, 2000.

*** METHODS TO EXCAVATE AND CHARACTERIZE LANDFILLS ***

The Mullins Dig: Archaeological Excavations of Landfills in Three Cities Dating to 1977-1985: The UofA Foundation, 1987.

Archaeological Excavations of Landfills in Three Cities-Pre-1975 Refuse: The UofA Foundation, 1988.

Archaeological Excavations of Landfills in Two Cities-Pre-1960 Refuse: The UofA Foundation, 1989; Procter and Gamble, 1989.

Archaeological Excavations of Two Landfills in a Wet Climate: Council for Solid Waste Solutions, 1990.

Archaeological Excavations of Four Landfills in the Greater Toronto Area, Canada:

- Trash Research Corporation, Ontario, Canada, 1991-92.
- Ministry of the Environment, Environment Canada, 1991-92.

Archaeological Excavations of the Buzby Landfill: General Electric, 1994-1996.

Archaeological Excavations of the Buzby Landfill: General Electric, 1994-1996

Soil and Waste Characterization Testing for City of Tucson Closed Landfill Gas Study – Five City Owned Landfills: City of Tucson Department of Solid Waste Management, 1999.

*** MATERIALS COMPACTION STUDIES ***

Experiments in Compaction of Fresh and Excavated Solid Wastes to Simulate Volumes in Landfills

Franklin Associates, 1989-93; Persico, 1989; Mobil, 1990

Experiments in Compaction of Fresh and Excavated Solid Wastes to Simulate Volumes in Landfills: EarthShell, 1993-97.

* METHODS TO CHARACTERIZE NEIGHBORHOOD SOCIO-DEMOGRAPHICS *

Household Refuse Measures as a Means to Cross-Verify Neighborhood Socio-Demo-graphic Characteristics: Bureau of the Census, Center for Survey Methods Research, 1986-87.

* WASTE REDUCTION AUDITS & EVALUATIONS *

Characterization of Commercial Solid Waste in Tucson, Arizona: Grant No. 86, Reduce, Reuse & Recycle Grant Program, Arizona Department of Environmental Quality, 1993-94.

Comprehensive Procurement Audit As It Pertains to Recycled Products: Department of Procurement, City of Tucson, 199

A Proposed WRAP (Waste Reduction Alternatives Programs) Resource Manual:

Grant No. 353300R460, Reduce, Reuse & Recycle Grant Program, Arizona Department of Environmental Quality, 1993-94.

Solid Waste Retention Aboard US Navy Ships -- A Study on the Limits to and Effects of Holding Trash on Board while at Sea: USS Guam, USS George Washington, USS Merrimack, USS Radford, USS Roberts, USS Stout: Office of the Chief of Naval Operations, 1996.

Characterization of Solid Waste from US Navy Surface Combatants -- A Study on the Limits to and Effects of Holding Trash on Board while at Sea: USS Essex, USS Fitzgerald, USS Sides. Office of the Chief of Naval Operations, 1996.

* COMBINED DIET MONITOR/SOLID WASTE APPLICATION *

The Sydney Garbage Project, Planning Grants:

Australian Museum Society, 1978; New South Wales State Pollution Control Commission, 1978; Unilever-Australia, 1978; The UofA Foundation, 1978.

The Mexico City Garbage Project:

- Diet Among Different Income Groups -- Instituto Nacional del Consumidor, Mexico, 1980-81, 1983.
- Packaging in Household Solid Wastes -- Solid Waste Council of the American Paper Inst., 1983-84.
- The UofA Foundation, 1983, 1984.
- Hazardous Wastes in Household Refuse, CECODES, 1987.

The Marin County Garbage Project:

- Evaluation of the Marin County Household Hazardous Materials Collection Day--Assoc. of Bay Area Governments and The San Francisco Foundation, 1986.
- Beef, Meat Fat, and Consumer Awareness -- California Beef Council, 1985.

Japan: An Evaluation of an "Integrated" Solid Waste Management System: Council for Solid Waste Solutions, 1989.

* COMBINED FRESH & LANDFILLED SOLID WASTE STUDIES *

Source Reduction Measured through Fresh and Landfilled Refuse: The UA Foundation, 1995-96.

* COMMODITY-SPECIFIC STUDIES *

- **Socio-economic Correlates of Aluminum Can Recycling:** Alcoa Aluminum, 1973.
- **Household Waste of Fresh Fruit:** Castle and Cook, 1985.
- **Patterns of Baby Food Purchase and Waste:** Heinz, 1986.
- **Respondent/Refuse Comparisons of the Household Use of Process Red Meat:** Oscar Meyer, 1986.
- **Respondent/Refuse Comparison of the Household Use of Diet Soda:** NutraSweet, 1986.

* PUBLICATIONS *

Articles

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 1985 "Where's the beef?" II: a second comparison of respondent reports and refuse records.
Proceedings of the American Meat Institute Research Conference, 1984: 48-68.
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 pps. 352-357. United States Department of Agriculture, Washington, D. C.
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 May/June: 298-304.
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- Reprinted:** 1982a, In *Material Culture Studies in America*, T. J. Schlereth, ed., pp. 316-324. American Association for State and Local History, Nashville.
- 1977b Radioactive wastes disposal: an archaeologist's perspective. *Proceedings, A Workshop on Policy and Technical Issues Pertinent to the Development of Environmental Protection Criteria for Radioactive Wastes*, pp. 3.39-3.45. EPA Office of Radiation Programs, Washington, D.C. Report ORP/CSD-77 2.
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- 1978b Le Projet du Garbâge 1975: historic tradeoffs. *Social Archaeology*, C. Redman and others, eds., pp. 373-379. Academic Press, New York.
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 - 1990d, In *Opposing Viewpoints Sources: Environment*, B. Leone et al., eds., pps. 117-123. Greenhaven Press, San Diego.
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 1992d Name it and claim it. *4*(4): 20-21.
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 1993a A perverse law of garbage. *4*(6): 22-23.
 1993b Digging for paydirt. *5*(1): 22-23.
 1993c Where have all the ragpickers gone? *5*(2): 22-23.
 1993d Sode pop, my PET project. *5*(3): 50-51.
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Rathje, W.L.

- 1995a Garbage museum mirrors America. **5**(3): 12.
 1995b This one's in the bag. **5**(4): 14.
 1995c Summertime and the living . . . **5**(5): 18
 1995d Who wants yesterday's papers? **5**(6): 12
 1996a Restore the fourth "R." **6**(3): 10
 1996b The source reducers' mother lode. **6**(4): 12
 1996c Where have all the ragpickers gone? **6**(5): 14
 1996d X-Mess. **6**(6): 12
 1997a Just how biodegradable were the ancients? **7**(1): 18
 1997b The best medicine. **7**(3): 9
 1997c The landfill coverup. **7**(5): 14
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 1998b Recycling's percentage paradox. **8**(2): 10

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 1998f Disaster garbage. **8**(6): 9
 1999a Princess Di . . . **9**(1): 11
 1999b Scavenging the Big Apple's core. **9**(2): 10-11
 1999c Travelin' trash. **9**(3): 14
 1999d Dietary fiber, cancer, & garbage. **9**(4): 10
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 2000a Reading Red•ing. **10**(1): 10
 2000b Parkinson's Law of Garbage. **10**(3): 14

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Rathje, W.L.

- 1994a Our garbage lifestyles. **1**(2): 3-4
 1994b Walking the talk. **1**(3): 3
 1994c CH4 . . . what a gas! **1**(4): 3
 1995a The never ending trail of Christmas. **2**(1): 3
 1995b The rime of the "Garbage Mariner." **2**(2): 3
 1995c Summertime, and the livin' is . . . **2**(4): 3
 1995d All the news that's fit to dig up. **2**(5): 3
 1996a Parkinson's Law of Garbage. **3**(1): 3
 1996b Take a "bite out of garbage." **3**(2): 3
 1996c SR in the OR. **3**(3): 3
 1996d Will Xers mark the spot? **3**(4): 3
 1996e Exo-Garbology. **3**(5): 3
 1996f X-mess nights. **3**(6): 3
 1997a The ironies of wastefulness. **4**(1): 3
 1997b A bum wrap? **4**(2): 3

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- 1997c The littlest irony. **4**(4): 3
 1997d Taking advantage of the law. **4**(5): 3
 1997e Collect-O-Mania. **4**(6): 3

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Rathje, W.L.

- 1993a Rubbish! (from *The Atlantic Monthly* 246[6]) **5**(2): 32-33.
 1993b Name it and claim it. (from *Garbage* 4[4]) **5**(3): 30-31.

- 1993c Landfill artifacts. (from ***Garbage*** 5[4]) 5(4): 30-31.
 1993d Gold in trash. (from ***Garbage*** 5[1]) 5(5): 30-31.
 1994a Let's rodeo! (original essay) 5(6): 30-31.
 1994b Rags to riches. (from ***Garbage*** 5[2]) 5(7): 50-51.
 1994c The garbage concern: cotton or disposables? (from ***Garbage*** 4[5]) 5(8): 32-33.
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*** PROFESSIONAL TALKS TO GOVERNMENT ***
Federal Government -- U.S. Congress

Three briefings sponsored by the Environment and Energy Study Inst., 2/22/89

- Breakfast briefing for US Congressmen
- Briefing for Environment and Solid Waste Committee staff
- Open briefing for all Congressional staff

Testimony before the **US Senate Committee on Environment and Public Works**, 6/21/89, Washington D. C.

Testimony before the **US Senate Commerce Committee, Consumer Sub-committee**, 6/15/90, Washington, D. C.

*** OTA (Office of Technological Assessment) ***

Briefing for OTA staff preparing Report to Congress on Solid Waste, 2/21/89, Washington, D. C.

*** EPA (The Environmental Protection Agency) ***

Resource Recovery Division, 11/5/75, Washington, D. C.
Workshop, Office of Radiation Programs, 4/13/77, Albuquerque
Solid and Hazardous Wastes Research Division, Municipal Environmental Research Laboratory, 9/18/78,
Cincinnati
Workshop, Subtitle D Task Force, 10/30/84, Tallahassee
Hazardous Waste Task Force, 3/5/86, Washington, D. C.
MSW Source Reduction and Recycling Special Conference, 3/24/88, Hot Springs, VA
Municipal Solid Waste Technology Conference, 1/31/89, San Diego

*** NSF (The National Science Foundation) ***

The President's Science and Technology Advisor and The Committee on Food Processing, Delivery
Systems, and Nutrition, 7/25/76, Washington, D. C.
RANN (Research Applied to National Needs) Program, 11/3/75, Washington, D. C.
ASRA (Applied Science/Research Applications) Program, 7/30/78, Washington, D.C.

*** USDA (US Department of Agriculture) ***

Consumer Nutrition Division, 5/24/83, Washington, D. C.
• 12/11/86
• 4/9/87
3 Seminar Lecture Series, National Center for Agricultural Utilization Research, 6/10-11/99, Peoria (IL)

*** NCI (National Cancer Institute) ***

ORB, 9/6/84, Silver Springs, Maryland
Research Seminar, Division of Cancer Prevention and Control, 6/20/86, Silver Springs, Maryland

*** Bureau of the Census ***

Statistical Research Colloquium, Center for Survey Research, 3/3/86, Suitland, Maryland

*** CDC (Center for Disease Control) ***

Research Seminar, 4/18/91, Atlanta

*** Native American Governments ***

Arizona Commission of Indian Affairs and Inter-Tribal Council of Arizona, 10/25/91, Phoenix
Inter-Tribal Council of Arizona's Solid Waste Task Force, 7/30/96
Seventh Annual EPA Tribal Conference, 10/26/99

*** State Governments ***

Conference on New Revenue Sources for State and Local Governments, Oklahoma Center for Continuing
Education, 8/31/77, Norman (OK)
State Government Affairs Council (SGAC) AM, 11/22/88, Orlando
New York State Legislative Commission on Solid Waste, 1/26/89, New York City
South Carolina State Legislature, Briefing, 2/3/89, Hartsville (SC)
Iowa State Legislature, Briefing, 2/9/89, Des Moines
Wisconsin State Legislature, Briefing, 6/8/89, Madison
Oregon State Legislature, Briefing, 6/28/89, Salem
California State Legislature, Briefing, 6/27/89, Sacramento
American Legislative Exchange Convention (ALEC) AM for State Lawmakers, 7/19/89, Monterey, CA
California State Recycling Officials, Briefing, 9/12/89, Los Angeles
New Jersey State Legislature, Briefing, 10/27/89, Edison, NJ
New York State Legislature, Briefing, 12/16/89, Albany
Keynote, Vermont State Legislators' Banquet, 1/7/90, Montpelier
Connecticut State Legislature 1/12/90, Hartford

Keynote, **Maine** State Legislators' Annual Banquet, 2/1/90, August
National Governor's Conference AM, 2/26/90, Washington, D. C.
Illinois State Legislature, 5/30/90, Springfield
Midwestern Legislative Conference, 7/23/90, Chicago
ALEC National Leadership Summit on the Environment, 5/16/93, LA
Washington State Solid Waste Task Force AM, 1/6/95, Olympia (WA)
Minnesota Environmental Health Association_AM, 5/5/95, Brainerd (MN)
State Legislative Leaders Foundation, Special Conference on "What To Do With Our Trash," 2/16-18/95, Tucson
Arizona Department of Environmental Quality, Garbage Project Seminar, 3/2/99, Phoenix

*** County, City & Local Governments ***

Tucson VA Medical Center Lecture Series, 5/21/84
Southern Arizona Federal Executives Association, 8/15/84, Tucson
Boulder County Department of Public Works, 3/18/85, Boulder, CO
AG Day Workshop, 1/29/86, Benson, AZ
Marin County Board of Supervisors, Briefing, 4/13/87, San Rafael, CA
Portland City Council and Community Leaders, Briefing, 10/14/88
St. Paul City Council, Hearing, 2/15/89
Minneapolis City Council, Hearing, 2/16/89
DuPage County Commission Landfill and Solid Waste Committee, Hearing, 4/27/89, Warrenville, IL
Suffolk County Legislature, Hearing, 5/5/89, Long Island
Suffolk County Legislature and Community Leaders, 3/28/89, Islip
Los Angeles City and County Officials, Briefing, 6/29/89
National League of Cities, Keynote, Annual City Innovations Conference, 8/17/90, Minneapolis
Atlantic County Utility Authority, Annual Awards Banquet, 10/4/91, Atlantic City (NJ)
Texas Municipal League, Keynote, AM, 10/29/94, Austin

*** International Governments ***

Canada: Food Week Opening Address, Ministry of Agriculture and Food, Ontario, Canada, 10/6/86, Toronto
Mexico: CONACYT, Centro de Ecodesarrollo, 12/11/79, Mexico City
England: Nutrition Section, Ministry of Agriculture, Fisheries, and Food, 8/6/78, London
Argentina: Department of the Environment, 11/93
Spain: Not yet entered
Brazil: Not yet entered

*** TALKS TO PROFESSIONAL ASSOCIATIONS ***

Diet and health

American Society of Agricultural Engineers, Food Engineering Division's Symposium, 12/15/82, Chicago
Arizona Public Health Association AM, Seminar, 9/20/84, Flagstaff
The Arizona Nutrition Council, 3/29/85, Tucson
Idaho Dietitians Association AM, Breakfast Address, 4/26/85, Boise
Society for Nutrition Education AM, Special Symposium, 7/9/85, Los Angeles
Ludwig Cancer Research Institute, Full-day Seminar, 2/6/86, Toronto
California Dietetics Association AM, 5/7/86, Oakland
Idaho Public Health Association AM, Keynote, 6/4/86, Boise
Kansas Nutrition Conference, Kansas Department of Health & Environment, 2/19/87, Manhattan, KS
Chicago Dietetic Association and Home Economists in Business, Annual Joint Address, 5/20/87, Chicago
Institute of Food Technologists, Minnesota Section, 2/18/88, Minneapolis
ILSI Board of Members AM, 1/15/91, Nassua
Association for the Study of Food in Society (AAA), 6/14/91, Tucson
International Foodservice Editorial Council AM, 11/13/92, Tucson
UA Nutritional Science In-Service Seminar, 11/9/94

*** Hospitals & Medical Trade Associations/Companies ***

National Drug Manufacturers Association of Canada, 10/23/89, San Juan
Devon Industries AM, 11/1/90, Scottsdale
Sherwood Medical AM, 2/5/91, Scottsdale
HIMA (Health Industries Manufacturers Association) AM, 3/18/91, Tucson
Carondelet St. Mary's Hospital Laboratory, 5/14/91, Tucson
Medical Marketing Association, 9/24/91, Los Angeles
Thomas Jefferson Hospital Group, 10/3/91, Philadelphia
American Society for Healthcare Environmental Services AM, 10/28/91, Las Vegas
Keynote, Baxter Annual Environmental Conference, 10/6/92, Chicago
Recycling and Solid Waste Management Conference, Thomas Jefferson Hospital,
5/6/94, Philadelphia
Keynote, ASHES (Amer. Soc. of Hospital Environmental Services) Board of Directors Meeting, 5/6/96, Chicago

*** Food-Related Trade Associations ***

National Live Stock and Meat Board, Board of Directors AM, 8/20/84, Nashville
American Meat Inst., Annual Research Conference, Banquet Address, 9/14/84, New Orleans
Texas Cattle Feeders Association AM, 10/23/84; Keynote Speaker, 25th AM, 10/26/92, Amarillo
South Dakota Beef Industry Council, Banquet Address, 11/3/84, Brookings, SD
California Beef Council, Keynote, 11/15/84, Anaheim, CA
DeKalb County Livestock Feeders Assoc. AM, Banquet Address, 1/24/85, DeKalb, IL
Montana Simmental Assoc. AM, 2/1/85, Bozeman
California Cattle Feeders Assoc., Symposium, 4/12/85, Palo Alto, CA
Livestock Industry Inst. AM, 6/13/85, Des Moines
Annual Produce Conference of the Food Marketing Inst., 6/24/85, Monterey, CA
The SW Meat Packers Assoc. AM, 7/25/85, Ruidosa, NM
Colorado Cattle Feeders Assoc. AM, 8/15/85, Vail, CO
National Cattleman's Assoc., Food Editors' Roundup, 10/4/85, Amarillo, TX
TSCRA Board of Directors AM, 10/5/85, Kerrville, TX
Arizona Farm Bureau AM, 11/19/85, Phoenix
Canadian Meat Council AM, Special Address, 2/7/86, Toronto
The American Meat Inst./Food Marketing Inst. Annual Meat Marketing Conference, 3/25/86, Dallas
The Grocery Products Manufacturers of Canada, Keynote, 4/15/86, Montreal
American Meat Inst., Meat Information Conference, 4/30/86, New York
Dairy Nutrition Council, Annual Writers Conference, Special Address on Retirement Lifestyles, 5/9/86,
Keystone, CO
National Broilers Council AM, 7/15/86, Williamsburg
Food Marketing Inst., Conference on Energy, 9/29/86, Monterey
California Beef Council AM, 11/19/86, Napa, CA
California Cattlemen AM, 12/5/86, Fresno
Western States Meat Assoc. AM, 2/28/87, Reno, NV
Dairy Council of Greater Kansas City, Writers Conference, 4/29/87, Kansas City
Nebraska Livestock Feeders AM, Keynote, 11/30/87, Kearney
Mexican-American Grocers Assoc. AM, 3/21/88, Palm Springs
The American Spice Traders Association AM, 1/25/89, Palm Springs
New Jersey Food Council, 1/23/90, Newark
Connecticut Food Association, 1/11/90, Hartford
Texas Cattle Feeders, 10/26/92, Amarillo
Fourth Annual CERES Forum on "Technological Innovation and the Global Food System," sponsored by the
Georgetown University Center for Food and Nutrition Policy, 11/3/95

American Marketing Association AM, 6/6/76, Los Angeles

- 11/17/77, San Diego Chapter
- 1/18/78, Tucson Chapter
- 5/22/85, Tucson Chapter

Food Marketing Inst. Conf. for Advertising & Marketing Executives, 3/30/87, Washington, D.C.

Retail Council of Canada AM, Keynote, 4/5/87, Toronto

The Soap and Detergent Association, 1/26/89, Boca Raton

National Confectioners Association, 6/11/95, Nashville

*** Solid Waste Management & Recycling ***

SCA Services, 6/25/74, Houston

Browning Ferris Industries (BFI), 6/26/75, Houston

Keynote, Canadian Association of Recycling Industries AM, 6/13/77, Calgary

Government Refuse Collection and Disposal Association (GRCDA), International Board Meeting, 12/8/78, Phoenix

Arizona Council of Engineering Science Associations, 4/21/84, Tucson

Keynote, Washington State Recycling Association AM, 4/25/85, Seattle

Center for Environmental Management, Tufts University, 4/19/88, Medford, MA

Keynote, National Recycling Coalition (NRC) Congress

- 9/28/88, St. Paul;

- 10/1/89, Charlotte (NC)

Keynote, International Conference on Urban Resource Management and Secondary Materials, 12/8/88, Philadelphia

Keynote, Vermont Recycling Association, 4/29/89, Mount Pelier

Media Briefing, Sponsored by the National Solid Waste Management Association (NSWMA) AM, 5/4/89, Chicago

International Public Works Association (IPWA) Congress/ Institute of Solid Waste (ISW) AM, 9/26/89, Orlando

Waste Management Inc., Management Seminar on Recycling, 9/27/89, Downers Grove, IL

Rocky Mountain Regional Recycling Convention, 4/8/90, Keystone, CO

GRDCA Landfill Gas Symposium, 3/27/90, Lincolnshire, IL

Keynote, Recycling Council of Ontario, 10/17/90, Windsor; 10/9/91, Toronto

Pennsylvania Recycling Conference, 4/11/90, Harrisburg

Washington State Recycling Association, Earth Day Speaker, 4/22/90, Spokane

Iowa Statewide Recycling Congress, Luncheon Address, 4/16/91, Des Moines

Solid Waste Recycling and Energy Conference, Keynote, 5/8/91, San Antonio

Recyclex '91, Keynote, 9/9/91, Melbourne, Australia

Solid Waste/Recycling Conference, 10/3/91, Philadelphia

ERRA (European Recovery and Recycling Association), 11/15/91, Brussels

Keynote, Ribbon Cutting Ceremony for the Sunnyvale (CA) SMART Facility, 8/11/93

Keynote, Texas A&M Recycling and Solid Waste Seminar, 11/5/93, College Station

Keynote, Restoration '93, 12/6/93, Boston

Minnesota Pollution Control Agency's 11th Annual Solid Waste Seminar, 2/23/94, St. Paul

Construction Specification Institute AM, 6/25/94, San Francisco

Keynote, Restoration '95, 12/11/95, San Francisco

Dinner Address, Tucson Clean & Beautiful's Annual Board of Directors Meeting, 1/30/96

CA Integrated Solid Waste Management Board Seminar on "Source Reduction," 6/4/96, San Francisco

Keynote, SWANA, Lone Star Chapter Annual conference, 6/22/96, El Paso

Lawrence Berkeley Laboratories, 2 Day Special Seminar, 9/29-30/96, Berkeley

South Dakota Solid Waste Management Association, 9/9/96, Sioux Falls

AZ Clean & Beautiful Annual Awards Workshop, 10/18/96, Phoenix

Keynote, Recycling and Composting Works! Conference, 3/17/99, Lindsborg (KS)

Keynote, North Dakota Solid Waste & Recycling Symposium, 9/8/99, Jamestown (ND)

Keynote, SWANA AM, 10/19/99, Reno

Keynote, AZ Recycling Coalition, 1st AM, 05/15/00, Phoenix

*** Packaging Trade Associations ***

Solid Waste Council, American Paper Inst., 8/1/78, 1/26/83, 6/8/83, 10/26/83, 2/28/84, Washington, D.C.
Australian Packaging Industry Environmental Council, 4/18/78, Sydney
API/NFPA Environmental Forum XV, 6/20/84, Washington, D. C.
American Paper Inst., Tissue Division Seminar, 3/9/88, New York City
Inst. of Food Service and Packaging, Conference on Solutions to the Solid Waste Crisis, 4/21/88, Washington, D. C.
American Paper Inst., The Presidents' Seminar, 10/15/88, Dallas
Society of the Plastics Industry, 2/27/89, New York City; 3/6/89, Chicago; 3/14/89, San Francisco; 3/20/89, Houston
The Polystyrene Association, 4/27/89, Orlando
Society of Plastics Industry AM, Canada, 5/29/90, Toronto
West-Pack, 9/22/93, Los Angeles
Flexographic Technical Association AM, 3/5/95, Orlando
Keynote, Packaging Engineering Program AM (Clemson, Michigan State, and Duke), 98, Clemson (SC)

*** Archaeological & Historical Societies ***

El Instituto de Investigaciones Anthropologicas de la UNAM, 11/15/74, Mexico City
Arizona Archaeological and Historical Society, 10/21/75 and 10/20/86, Tucson
Archaeological Institute of America Lecture Series, San Francisco Chapter, 2/22/76
Historical Society of Madison, 10/10/78
Historical Society of Milwaukee, 10/21/78
UCLA Friends of Archaeology Lecture Series, Institute of Archaeology, 1/8/80, Los Angeles
Banquet Address, Great Basin Anthropology Biennial Meeting, 10/5/84, Boise
First Lecture in the S&H Lecture Series, "Toward an Archaeology of Contemporary America," Brown University, 10/26/84, Providence
Middle American Research Institute, Tulane, 9/25/86, New Orleans
Keynote, 50th Anniversary of the Southeastern Archaeological Conference, 10/10/89, Tampa
UA Anthropology Lecture Series, 11/29/89, Tucson
Keynote, Society for California Archaeology AM, 4/6/90, Foster City (CA)
Banquet Address, The Chacmool Conference, 11/9/91, Calgary
Public Address, The SHA Conference on Historical and Underwater Archaeology, 1/4/94, Vancouver
Roundtable, Office of the Iowa State Archaeologist, 3/31/94, Iowa City
"Archaeology Week" Talk, Cabrillo College, 5/10/96, Santa Cruz (CA)
Arizona Archaeological Council AM, 10/8/99, Tucson

*** Educational Institutions ***

Universities, Museums, and Associated Groups

Illinois Council for the Humanities, Southern Illinois University, 10/26/76, Carbondale
Membership Lecture, Australian Museum Society, 4/18/78, Sydney
NEH Lecture Series, Woods Public Library, 5/24/78, and Columbus Public Library, 5/25/78, Tucson
Sonoran Heritage for Children Lecture Series, 7/14/79, Tucson
Tucson Public Library's Great Escapes Program (3 lectures), July 1980, Tucson
University of Arizona Speakers Board Public Lecture, 11/8/83, Tucson Banquet, UofA Foundation, 10/9/84
U.C. Berkeley Anthropology Undergraduate Association's Lecture to the Public, 12/7/84, Berkeley
Parents' Weekend "Special Lecture," UofA, 11/19/85
Honors Convocation Address, Faculty of Social and Behavioral Sciences, UofA, 11/9/85, Tucson
Banquet, UofA President's Club of Phoenix, 1/8/86, Phoenix
Convocation Address, Southern Utah State College, 3/13/86, Cedar City
The Smithsonian's Conference on "NIMBY and Solid Waste," 9/22/89, Washington, D. C. (Televised on C-SPAN)

UofA President's Club Distinguished Lecture, 4/30/90, Tucson
 "Insuring Tomorrow" Conference, National Student Leadership Network, 3/9/91, Scottsdale
 Banquet, Northwest Science Association, 3/21/91, Boise
 College Lecture Series, St. Mary's College, 4/11/91, Maryland
 Regional Sigma Xi, Banquet Address, 5/16/91, Benton Harbor, MI
 "Help Save Our Environment," SAFES (Students Are for Environmental Safety) with Desert Springs Elementary
 School, 5/23/91, Scottsdale
 Santa Barbara Natural History Museum, 75th Anniversary Lecture Series, 10/17/91, Santa Barbara
 "Science, Ethics & the Environment" Lecture Series, 7/21/93, Cal State, Fullerton (CA)
 Public Lecture, University of Nebraska, 2/10/94
 Distinguished Lecture, University of Northern Iowa, 3/9/94, Cedar Falls
 "Science in Our Lives" Series, Kentucky Humanities Council, 4/19/94, Lexington (KY)
 Special Lecture, NSCORT (NASA Specialized Center of Research & Training Biogenerative Life Support) and
 the Landscape Architecture Department, Purdue University, 3/21/95, West Lafayette (IN)
 Keynote, "1995 Plastics, Packaging, & Recycling Symposium," Cal Poly, 4/13/95, San Luis Obispo
 Public Lecture, Wichita State University, 3/15/99, Wichita (KS)
 Keynote, Earth Day/Charter Day Celebration, North Lake College, 4/6/99, Irving (TX)
 Keynote, Earth Day, Albright College, 4/22/99, Reading (PA)

*** University Department Lecture Series ***

Anthropology, University of Utah, 4/14/77, Salt Lake City
 Anthropology, University of Wisconsin, Milwaukee, 1/18/78
 Marketing, Marquette University, 10/3/78, Milwaukee
 Anthropology, University of Southern California, Los Angeles, 1/9/80 and 4/21/81
 Psychology, UofA, 4/16/81, Tucson
 Anthropology, University of California, Santa Barbara, 2/18/83
 Anthropology, Florida State University, 10/29/84, Tallahassee
 Pathology, Arizona Health Sciences Center, 11/21/85, Tucson
 Nutritional Sciences, University of California, Berkeley, 5/6/86, Berkeley
 Foods and Nutrition/Sociology and Anthropology, Purdue University, 6/8/88, West Lafayette (IN)
 Microbiology, UofA, 8/20/88, Tucson
 Anthropology, University of Kansas, 3/29/90, Lawrence (KS)
 Anthropology & Environmental Sciences, University of Nebraska, 2/10/94, Lincoln (NE)
 Geology, University of Nebraska, 2/11/94, Lincoln (NE)
 Anthropology, University of Iowa, 3/30/94, Iowa City (IA)
 CRAFT Research Institute & Anthropology, Indiana University, 3/20/95, Bloomington (IN)
 Departments of Horticulture and Anthropology & NSCORT (NASA Specialized Center of Research and Training
 in Biogenerative Life Support), Purdue, 2/31/95, West Lafayette (IN)
 Anthropology Students Annual Lecture, Southern Methodist University, 4/22/95, Dallas
 Intro Anthro Class (of J. Hubbit-Mosh), UCSC, 5/8/96, Santa Cruz (CA)
 Address to Anthro students (of R. Mendoza), CSUMB (CA State University at Monterey Bay, 5/9/96, Monterey
 (CA)
 Roundtable Workshop with Archaeology Teachers in the Santa Cruz area, 5/11/96, Santa Cruz (CA)

*** Public Educational & Advocacy Groups ***
Middle School Teachers Workshops (FPA)

Keynote, In-Service Environmental Education Conference for High School Teachers and Students, sponsored by
 SCRAP, DuPage County, IL, 3/4/94, Lombard (IL)
 FPA Seminar, Washington, D.C., 10/9/93
 FPA Seminar, Charlotte, NC, 4/16/94
 Lexington Public Library Lecture for Middle School Students, 4/20/94, Lexington (KY)
 FPA Seminar, Dallas, TX, 8/5/94
 FPA Seminar, Minneapolis/St. Paul, MN, 9/31/94

FPA Seminar, Seattle, WA, 10/14/94
Department of Nutritional Sciences In-Service Conference, UofA, 11/9/94, Tucson
FPA Seminar, Chicago, IL, 12/3/94
FPA Seminar, Atlanta, GA, 2/11/95
• 11/22/97
FPA Seminar, San Francisco, CA, 4/29/95
FPA Seminar, Boston, MA, 9/30/95
FPA Seminar, Houston, TX, 2/24/96
FPA Seminar, Philadelphia, PA, 4/20/96
• 12/6/97
FPA Seminar, Orange County, CA, 7/19/96
FPA Seminar, Cincinnati, OH, 10/25/96
FPA Seminar, Cleveland, OH, 12/7/96
FPA Seminar, Detroit, WI, 4/12/97
FPA Seminar, San Diego, CA, 7/25/97
FPA Seminar, Minneapolis-St. Paul, MN, 9/25/97
FPA Seminar, St. Louis, MO, 10/31/97
FPA Seminar, San Diego, CA, 98
FPA Seminar, Winston-Salem, NC, 98
FPA Seminar, San Francisco, CA, 98
Keynote, Madison County Teacher's Institute, 3/12/99, Edwardsville, IL

*** Environmental Concern Groups ***

Connecticut Council for the Environment, 11/6/88, Washington, D.C.
Keynote, Keep America Beautiful AM
• 12/6/88, Washington, D.C.
• 12/7/89, Washington, D.C.
Tucson Clean and Beautiful, 2/12/89, Tucson
Georgia Conservancy, 1/28/89, Pine Mountain (GA); 1/18/95, Atlanta
National Council of the Federated Garden Clubs of America, AM, 9/8/89, Portland
National Audobon Society Biennial Meeting, 9/14/89, Tucson
Northern Arizona Audubon Society, 1/17/90, Sedona (AZ)
Keynote, Earth Day, University of Colorado, 4/20/90, Boulder
City of Seattle Earth Day, 4/21/90, Seattle
Keynote, Green Seal Annual Board Meeting, 3/25/91, Washington, D.C.
Earth Day Kickoff Speaker, Keep America Beautiful, 4/1/91, Phoenix
Featured Speaker (sponsored by *Garbage* magazine), EcoExpo, 4/13/91, Los Angeles
Atlanta Garden Club, 4/17/91, Atlanta
The Arizona-Sonora Desert Museum, Docents' Night Featured Speaker, 4/23/91, Tucson
Rotary Clubs of Central Ohio, Environment and Ecology Seminar, 5/17/91, Columbus
Arizona State University Environmental Club, 10/25/91, Tempe
Conservation Foundation of DuPage County Public Lecture, 3/3/94, Wheaton (IL)
Cincinnati YPO, 3/15/94, Cincinnati
Georgia Conservancy "Earth Forum," 1/19/95, Atlanta
Talk to open the "Disposable Island" Exhibit in Banco Popular's Headquarters Building, 1/25/96, San Juan, Puerto Rico
Gildea Conservation Center, 10/25/99, Santa Barbara (CA)

*** Household Resource Management Groups ***

Keynote, Energy Symposium, California Home Economics Association, 11/5/77, San Diego
Keynote, "Homemaker's College," New Mexico State University, 1/18/80, Las Cruces
Keynote, Purdue University's Home and Family Conference, 6/9/88, West Lafayette

*** Media Organizations ***

Banquet, Arizona Press Women, 3/15/75, Tucson
Banquet, Arizona Agriculture Press Club, 10/16/84, Phoenix
Senior Editorial Staff, **National Geographic** Magazine, 7/7/87, Washington, D.C.
National Geographic Annual Staff Seminar Lecture, 9/18/87, Washington, D.C.
Banquet Address, National Press Women's Executive Board AM, 10/1/87, Tucson
American Newspaper Publishers Association Conference, 6/18/90, Las Vegas
PERC (Political Economy Research Center), National Conference for Journalists, 12/13/91, Bozeman
FACs(Foundation for American Communications), National Conference for Journalists on Garbage, Chicago, 9/24/94

*** Private Corporations ***

3 M, 2/21/94, St. Paul; 3 Lecture Series, 9/20-22/99, St. Paul
ADR International (Japanese Market Research Firm), 5/31/77, Tucson
American Can, 5/15/75, Greenwich; American National Can, 6/15/90, Newark; 10/24/91, San Francisco
ARCO, 3/29/89, Philadelphia
Arizona Society of Association Executives, 10/11/91, Scottsdale
Associated Merchandising Corporation, Store Principals' AM, /90
Beacon Research, 4/20/78, Sydney, Australia
Campbell Soup, 1/14/74, Camden, NJ
Coca Cola, 4/17/91, Atlanta
Container Corporation of America, 6/28/83, Carol Stream, IL
Continental Baking, Annual Management Retreat, 10/30/86, Lake of the Ozarks
CRYOVAC AM, Keynote, 4/10/87, West Palm Beach
Electronic Industries Association, Environmental Issues Council, 11/14/91, Tucson
First Analysis, 6/6/90, Chicago
Flexible Technical Association AM, 3/5/95, Orlando
Frito-Lay, 6/6/75, Tucson
General Mills, 6/27/74, 4/26/88, Minneapolis
Heinz, 8/24/86, Pittsburgh
Huntsman Chemical, 1/23/90; 1/29/91, 1/31/94, Salt Lake City
James River, Annual Packaging Seminar, 10/9/86, Appleton (WI)
K-Mart, 12/3/88, Detroit; 6/23/89, Detroit
Kellogg, Worldwide Quality and Environment Conference, 8/30-9/4/92, Battle Creek
Leo Burnett, 6/28/83, Chicago
Lucky, 3/9/89, Los Angeles
M&M Mars, International AM, 6/25/91, Toronto
McDonald's, 2/15/87, Oakbrook; 3/10/89, Oakbrook; 4/25/89, Washington, D.C.
Mobil Seminar for Supermarket Managers--7/27/88, Atlanta; 7/28/88, Dallas; 8/2/88, New York City; 8/3/88, Chicago; 8/4/88, San Francisco
Motorola, Headquarters Seminar on Recycling, 10/8/92, Chicago
Oscar Meyer, 7/22/86, Madison
Owens-Illinois, International AM, 10/16/91, Scottsdale
PCL, 3/1/90
PepsiCo, Top-of-the-Top, 12/8/90, Carefree, AZ; Top-to-Top, 6/7/91, Sardinia, Italy
Pillsbury's "Understanding the Consumer" Lecture Series, 6/11/87, Minneapolis; Pillsbury, 9/29/88
Procter and Gamble, 6/20/75, Tucson; 6/13/88, Cincinnati
Rubbermaid Annual Meeting, 3/15/91, Orlando
S. C. Johnson Wax, R, D & E Symposium, 5/15/90, Racine
Sonoco Ergonomics, and Front-End Productivity Seminar, 11/11/88, Hartsville, SC
The Cargill Feedlot Seminar, 3/14/85, Grand Island, NE
UNIGRO(SPAR) AM, 5/25/92, Amsterdam, Holland
Unilever, 8/7/78, London

Vitamin Information Center and Hoffman-LaRoche, 11/26/86, Halifax, Nova Scotia

Von's, 1/30/90, 9/19/90, 12/27/90, Los Angeles

Weyerhaeuser's "Recovery in the New Millennium" Conference, 1/12/00, Las Vegas

* Other GP Addresses *

National Association of Social Workers, Southern Arizona Chapter, Annual Awards Dinner, 3/21/84, Tucson

Young Presidents' Organization, Heard Museum, Christmas Banquet, 12/13/84, Phoenix

National Recycling Coalition (NRC) Congress, Master of Ceremonies, Awards Banquet, 9/28/88, St. Paul

* DESIGN OF MUSEUM EXHIBITS & PUBLIC DISPLAYS *

"Expo Basura" was a public museum based on Garbage Project results and funded by the Government of Mexico. It opened in Chapultepec Park, Mexico City. During its three month run (February through April, 1985), 1.5 million people walked through it one tenth of the population of the world's largest city.

The Centennial Caravan: The Garbage Project designed an exhibit for the UA Centennial Trailer which toured Arizona in 1985.

The Park Mall Tucson Exhibit: The Garbage Project designed an exhibit in cooperation with SAWARA (Southern Arizona Water Resources Association) on household refuse analysis and hazardous wastes in household refuse which was on display in Park Mall in April, 1986.

Chicago Museum of Science and Industry's permanent exhibit on Managing Urban Wastes" includes a continuously playing videotape segment featuring the Garbage Project. The exhibit opened October 1986.

"Science in American Life," at the Smithsonian National Museum of American History, is a permanent exhibit which includes "Our Garbage Dilemma," a 30 minute interactive-video which is hosted by WLR. The exhibit opened April 1994.

"The Rotten Truth about Our Trash" from the Smithsonian Museum's SITES Program for travelling exhibits. WLR served as a design and content consultant. In preparation, 1993-1995. See <<http://www.astc.org/onfo/exhibits/rotten/rtmain2.htm>>

Luncheon Talk, San Bernadino County Museum, 1/21/93

Keynote, "Rising Above Our Garbage" Conference, Sponsored by The Exploratorium, 1/30/95, San Francisco.

Consultant to the **Strong Museum, Rochester, NY**, on an exhibit on garbage and the environment, 1994-1996.

Consultant to a exhibit design firm for a garbage exhibit in a **Phoenix transfer station**, 1995-1996.

"Disposable Island," an exhibit in Banco Popular's Headquarters in San Juan, Puerto Rico, which includes a video of a solid waste talk by WLR and video of his tour of the bank's exhibit on 1/25/96.

MEDIA

TV Talk Shows

National

Today (NBC)--3/25/77; 5/5/92

The Phil Donahue Show (syndicated)--10/77

Kids Are People Too (ABC)--9/23/79

The Mike Douglas Show (syndicated)--7/16/81

Good Morning America (ABC)--9/3/81;

• **Erma Bombeck's Segment**--1/13/86; 12/12/89

Country Day (ABC-syndicated)--9/22/81

Bill Moyers Series on Creativity (PBS)--4/2/82

Sonya (NBC, USA Cable Network)--6/8/82

• **Sonya** (CNN), 10/9/92

"Trash" Special (PBS), 10/23/85; rebroadcast September 1986

(**Jeopardy**, syndicated, used "Garbology" on 2/18/86)

Mr. Wizard (syndicated), September 1987

TechnoPolitics (PBS), 7/31/92

CBS This Morning (CBS), 8/31/92

Breakfast Time (fx), 2/20/96

*** Local TV Talk Shows ***

- Baltimore:** People Are Talking, WJZ (ABC), 8/7/81
- Boston:** People are Talking, WBZ (NBC), 8/4/81
 New England Today WLVI, 8/5/81
 Boston Live, WQTV, 8/5/81
- Chicago:** "Night Time Starring Tom Dreesen," WLS TV (ABC), 3/22/88
- Cleveland:** Morning Exchange, (ABC), 5/19/80
- Columbus:** Discover Columbus, WTUN (ABC), 9/20/81
 PM Magazine, WCMH (NBC), 11/3/88
- Denver:** Good Afternoon Colorado, KUSA (ABC), 7/7/92
- Detroit:** Morning Report, WGPR, 6/7/82
 PM Magazine, WJBK (CBC), 6/8/82
- Ft. Worth/Dallas:** ABC with Mary Steward, 7/28/95
- Miami:** AM Miami (ABC), 3/14/75
- Minneapolis/St. Paul:** Good Company, KSTP (ABC), 9/22/81
 What's New, WTCN (NBC), 9/23/81
- Philadelphia:** Prime Time, WPIV (ABC), 10/12/81
 Evening Magazine, KYW (NBC), 10/13/81
 "Trash," WHYY (PBS), 7/3/85
- Phoenix:** Open House, KPHO, 1/15/76
- Portland:** A.M. Portland KATU(ABC), 4/27/93
- Richmond/Norfolk:** Midday, WWBT (NBC), 10/14/81
 Tidewater Evening, WVEC (ABC), 10/14/81
 Morning Magazine, WVEC (ABC), 10/15/81
- Sacramento:** TV Lite, KCRA (NBC), 3/27/87
- San Diego:** Sun Up (CBS), 11/17/77
- San Francisco/Oakland:** People Are Talking, KPIX (CBS), 9/16/81
 Live on 4, KRON (NBC), 9/16/81
 Mornings on Two, KTVU (Fox), 7/8/92
- Seattle:** Northwest Today, KING (NBC), 9/14/81
 Evening Edition, KCTS (PBS), 9/15/81
 Upfront, KOMO (ABC), 9/22/81
 P.M. Northwest, KOMO (ABC), 9/22/81
- St. Louis:** Midday-AM, KSDK (NBC), 11/18/81
- Tucson:** Tucson Today, KOLD (CBS)-1/9/74, 5/8/74
 Mosaic, KUAT (PBS), 2/25/74
 Multiversity, KVOA (NBC), 9/29/74
 P.M. Magazine, KGUN (ABC), 10/9/80
 Arizona Alumni Forum, KGUN (ABC), 2/9/86
 Newsmakers, KMSB, 4/13/86
 Topics of Tucson, KGUN (ABC), 3/26/89
- Washington, D. C.:** Good Morning, Washington, WJLA (ABC), 8/6/81
- * TV Talk Shows in Other Countries ***
- Australia:** Mike Walsh Show (ABC), Sydney, 8/19/77
 Horizon 5 (ABC), Canberra, 8/22/77
 Contact (ABC), Canberra, 8/22/77
 Good Morning Sydney (Ch. 10), Sydney, 4/14/78
- Canada:** 90 Minutes Live (CBC), 4/27/77
 Wonderstruck (CBC), 10/8/86
- Mexico:** Channel 7 (Instituto Mexicano de Television) "Principia," 2/24/85
- West Germany:** FAZIT, Frankfurter Allgemeine Zeitung (A. Punzel), 10/17/85
- England:** Themes International, 5/22/85
- Spain:** Not entered

Argentina: Not entered

Brazil: Not entered

*** MEDIA: TV News Interviews ***
National

Time-Life News (syndicated)--6/6/76

NBC Nightly News (John Chancellor)--1/23/75, 10/10/77

The Today Show News (NBC)--1/24/75, 10/11/77

McNeil/Lehrer Report (PBS)--12/16/78

CNN Headline News (CNN)--8/6/81, 4/10/87, 4/11/87, 7/10/87, 10/8/89, 3/19/90

ABC Evening News (Peter Jennings)--8/1/89

The Reporters (Fox)--11/18/89

Nightwatch (CBS)--1/3/90

Saturday Night with Connie Chung (CBS)--1/6/90

Smithsonian's "NIMBY" Symposium (C-SPAN)--9/22/89

Testimony before Senator A. Gore's Commerce Committee (C-SPAN)--7/1/90

C-SPAN Call-In Interview--8/27/90

"Race to Save the Planet with Meryl Streep" (PBS)--10/10/90

Infinite Voyage, "A Taste of Health" (PBS)--4/17/91

Watch on Washington (syndicated on PBS and cable channels), 5/1-22/91

Fox TV News (FOX)--9/1/92

Science of the Week (CNN)--9/23-27/92

ABC World News Weekend (ABC)--5/1/93

The Next Step with Charles Fleischer (DSC--Discovery)--1/17, 20/96

Modern Marvels: Garbage (HIS/History Channel)--xx/xx/99

"Brainstorm: Trash & Recycling"

*** Local TV News Interviews ***

Amarillo: KAMR (NBC), 10/2/85

Baltimore: WJZ (ABC), 8/7/81

Birmingham: Midday News, WVTM(NBC), 4/28/93

Boise: KIVI (NBC), 4/26/85

Boston: WBZ (NBC), 8/4/81

Boston Common, WHDH, 5/13/93

Chicago: WBBM (CBS), Newsmaker Interview with Bill Kurtis, 10/10/90

Dallas: KDFW (CBS), 3/5/94

Columbus: WBNC (CBS), 9/20/81

WTVN (ABC), 9/20/81

WCMH (NBC), 9/20/81

Denver: KOA (NBC), 10/18/81

KMGH (CBS), 10/18/81; Crossroads, 8/14/89

KBTV (ABC), 10/19/81; 4/20/90

KCNC (NBC), 8/25/85

Detroit: WKBK (CBS), 6/7/82

WGPR, 6/7/82

Houston: KHOU (Ch.11), 2/24/96

Jacksonville: WJCT (NBC), 2/17/94

Kansas City: KMBC (ABC), 11/16/81

WDAF (NBC), 11/16/81; Midday Show, 5/18/93

KCNMO (CMS), 11/17/81

Los Angeles: KTTV, 6/7/76

Morning News, KTLA(Ch.5), 6/5/93

KNXR(CBS), 5/6/93

Milwaukee: WTMS (NBC), 3/18/81

Minneapolis/St. Paul: WCCO (CBS), 9/22/81

New Orleans: Eyewitness News Morning, WWL (CBS), 4/29/93

Philadelphia: KYW (NBC), 10/31/81

Portland: KGW (Ch.8), 4/27/93

Richmond/Norfolk: WTVR (CBS), 10/14/77

St. Louis: KSDK (NBC), 11/18/81

KMOX (CBS), 11/19/81

Salt Lake City: *Zinj*, No. 4 on "garbage," 2/7/95

Seattle: KING TV5, 4/21/90

Tucson: KAZZ--2/1/74, 9/22/75, 3/17/81

News Special, KAZZ, 2/20/75

KGUN (ABC)--10/2/74, 10/9/74, 9/22/75, 7/6/84, 3/16/89

KVOA (NBC)--11/28/74, 10/15/75, 3/17/81, 12/28/82, 7/6/84, 5/3/96

KOLD (CBS)--7/6/78, 3/11/81, 3/18/81

"Arizona Illustrated," KUAT (PBS)--7/30/87, 10/9/87, 8/16/89

Washington, D. C.: News Special, WJLA (ABC), 10/17/88

Fox Morning News, WTTG (Fox), 7/14/92

*** TV News Interviews in Other Countries ***

Canada: "W5," C-TV (Canadian TV) 4/4/76

CKCO, 10/6/87, Toronto

KMXI, 11/27/87, Halifax

CBC News Magazine, 10/7/91, Toronto

Japan: TBS (Tokyo Broadcasting System), 7/30/92

Buenos Aires: not yet entered

Germany: Welt de Wunder: Müllarchäologie, NISC, 12/14/99

*** Movies, Videos, Etc. ***

"Le Projet du Garbage," produced by Marshall Winn

"The University of Arizona Story," produced by Stan Bloch, shown on KTVK (ABC), Phoenix, January 29, 1974

"Trash Tells a Tale," slide-tape program, produced by Cornell University

"Expo Basura," a twelve-minute segment for Arizona Illustrated, KUAT (PBS), Written by WLR and Co-Produced by H. Gonzales and WLR

"Rubbish," produced by Sam Ball, Stanford University

"Time Capsules: Message in a Bottle," produced by Cathleen O'Connel, Bigfoot Films.

*** Newspaper Interviews ***

Associated Press (AP)--5/19/88; 12/9/88; 8/18/1989

Atlanta Journal/Constitution--2/16/95

Arizona Daily Star--2/1/74; 3/11/76; 2/10/85; 6/23/85; 4/26/86; 5/5/86; 10/10/90; 7/5/92

Arizona Republic--3/18/81, 2/17/85, 2/4/88, 7/21/88, 7/25/88; 7/4/99

Arizona Republic Sunday Magazine--6/16/74; 1/16/83

Baltimore Sun Sunday Magazine--8/18/85; 5/5/88; 9/30/92

Boston Globe--10/24/74; 8/10/81; 6/7/92; 7/12/92; 5/12/93

Chicago Daily News--4/30/74; 10/23/74

Chicago Sun-Times--3/14/77; 5/8/89; 6/28/92

Chicago Tribune--2/22/88; 10/15/89; 6/28/92; 4/19/93; 3/1/94; 3/13/94; 12/4/94;

Christian Science Monitor, 6/7/74

Cincinnati Enquirer, 10/25/96

Cleveland Plain Dealer Sunday Magazine--6/12/83; 8/16/92

Columbus Dispatch, 11/4/88

Dallas Morning News--8/5/94; 8/25/94; 7/21/95

Dallas Times Herald, 4/10/85

Denver Post--8/23-24/80; 6/16/85; 8/19/85; 1/11/86; 4/14/86; 1/21/90

Detroit Free Press, 8/14/81

Ft. Worth Star-Telegram, 7/10/95
Gannett News Service, 4/1/94
Houston Chronicle, 4/27/86
Kansas City Times, 1/29/90
Knight-Ridder News, 3/90
Los Angeles Times--7/15/75; 2/20/86; 1/12/88; 6/28/92; 5/6/93
Los Angeles Daily News, 7/16/85
Miami Herald, 10/12/92
National Observer, 12/20/75
New York Daily News, 10/6/89
New York Times--3/6/76; 10/5/89; 6/28/92; 7/5/92; 7/9/92; 7/31/92; 8/22/92; 8/13/92; 6/28/96;
Orlando Sentinel, 1/14/88
Portland Oregonian Sunday Magazine (Northwest), 10/23/88
Richmond Times-Dispatch, 6/23/92
San Jose Mercury News--3/23/89; 8/18/93
San Francisco Chronicle--4/17/88; 7/17/89; 7/24/92
San Francisco Examiner--1/17/75; 6/24/87
St. Louis Sun, 4/12/90
St. Paul Pioneer Press--1/5/90; 1/18/90
Times Picayune, 5/21/00
Tucson Daily Citizen--2/5/74; 3/21/84; 7/14/84; 2/9/85; 6/17/85; 3/19/86; 4/27/87; 10/10/90; 9/24/92
United Press International (UPI)--11/10/74; 6/18/80
USA-Today--1/15/86; 1/24/86; 8/13/92; 4/22/93; 4/24/93
Wall Street Journal--12/5/75; 9/2/80; 9/4/86; 12/11/86; 4/17/90; 8/8/91; 7/16/92; 1/19/95
Washington Post--11/11/81; 1/7/82; 9/20/88; 11/27/89; 12/5/89; 12/7/89; 7/6/90; 6/29/92; 2/7/99

*** Newspapers Interviews in Other Countries ***

Australia: *Sydney Sun-Herald*, 4/9/78; *The Melbourne Age*, 9/6/91; *The Australian*, 9/6/91
Canada: *Australian Information Service*, 4/15/78; *Calgary Herald*, 2/27/92; *Canadian Press (CP)*, 4/90;
Kingston Standard (Ontario), 2/27/92; *Toronto Globe & Mail*--5/7/87; 5/30/90; *Toronto Star*, 1/25/90
England: *Financial Times*, 2/12/92; *International Herald Tribune*, 8/15/92; *London Observer Sunday Magazine Life*, 3/21/94
Mexico City: *La Jornada*--1/12/85; 1/15/85; 7/31/85; *El Universal / La Prensa / Excelsior / Metropoli / Novedades / Uno Mas Uno*, 1/15/85; *El Nacional*, 1/15/85; 1/16/85 (political cartoon)
Spain: *Alerta* (Santander)--10/29/92; 10/30/92; 11/3/92; *El Mundo* (Madrid), 11/1/92; *El Diario* (Santander), 11/2/92; *El País* (Madrid), 11/3/92; *Diario* (Madrid), 1/7/94
Argentina: not yet entered
Brazil: not yet entered

*** Magazine Interviews, Articles & Reports ***

321 Contact, 10/91
ADWEEK, 10/25/85
The Courier, (UNESCO's Magazine), 7/85
American Way (American Airlines In-Flight Magazine), 4/1/92
Anthropology Newsletter, 3/81
Audobon, 3/90
Better Homes and Gardens, 5/86
Buzzworm: The Environmental Journal, 1-2/90
Chronicle of Higher Education (cover story), 7/7/92
Der Spiegel, 4/27/92; 5/25/92
Discover, 4/90
The Economist, 4/13/91, 5/29/93
Family Circle, 6/28/88

Forbes, 10/28/85
Fortune, 8/28/88
Harpers, 3/75
Ladies Home Journal, 12/75
Life: Special Issue, "Today's Youth", Fall 1977
Special Issue, "The Year in Pictures 1985," 12/85
McCalls, 12/15/75
Money, 2/75
Mosaic (the NSF Magazine), January-February 1979
My Weekly Reader, 2/23/77, 10/21/80, 2/19/94
Muse, 2/94
National Academy of Sciences Magazine, 3/10/88
National Geographic, 4/83, 5/91
National Wildlife Magazine, 8-9/88
Newsweek, 12/28/87; 11/27/89
Nickelodeon, Fall '93
Omni, 5/82
First edition of **Omni** on the web, 7/97 <omnimag.com:80/o07jul/dumps 1.html>
Parade (syndicated Sunday Magazine)--9/12/76; 9/9,79; 5/18/80; 6/14/87; 6/13/99
People, 11/22/76
Plastics News, Profile, 3/3/99
Popular Science, 10/90
Psychology Today, 5/74; 5/88
Recycling Times, 11/7/89
Science 81, 5/81
Science News, 10/6/90
Sierra, 7-8/88
Solid Waste: Public Works Pro-Views, 10/88
Solid Waste and Power, 4/90
Time, 1/26/76; 9/5/88; 9/14/92
Tucson Lifestyle, 4/88
Tucson Magazine--9/75; 2-3/85; 4/87
Tucson Weekly ("Best of Tucson" issue), 9/10/92
U.S. News and World Report, 5/11/87; 6/1/87; 6/29/92
Women's Day, 3/8/77