Box 1:

Professional Biographical Information
Publications (authored or co-authored by Williams), including research notes and raw data
  Publications Previous to Joining UIUC, 1961-1967
  Publications, 1968-1974
  Publications, 1975-1979
  Publications, 1980-1989

Box 2:

Publications Continued
Subject File
  Ancient Technologies and Archaeological Materials (ATAM)
    ATAM- University of Illinois, 1987-1999
    ATAM Book, 1989-1993
    ATAM Course "Materials and Civilizations," 1994
    "Some Things that Glitter ARE Gold" Lecture, 1995
  Articles on Bones in the "Champaign-Urbana News-Gazette" and "Urbana Courier" by Williams, 1973-1974
  Articles Williams Reviewed or Commented On
    Gruzalski Papers on Carbides
    "Neutron Scattering in Carbides" by Ron Berliner
    "Carbon Vacancies in TiC" by DG Pettifor
    "Non-Stoich Carbides" by A. Rempel
  Awards
    Campus Award for Excellence in Undergraduate Teaching, 1986
    Wittke Award and Faculty Appointment Papers from Case Western Reserve University, 1989-1993

Box 3:

Bioelectrical Repair and Growth Society (BRAGS) Transactions of Annual Meetings,
  3rd-6th Annual Meetings, 1983-1986
"Case Alumnus Magazine," Case Institute of Technology/Case Western Reserve University Spring 1988
Conferences and Symposia Williams Attended or Presented At or Lectures Given
American Ceramic Society Annual Meeting and Exposition, "Ancient Ceramics"
April 25, 1983
American Physical Society "Electrical Resistance of TiB2" Programme of the Spring Meeting, 1959
Application of Science in Examination of Works of Art, Boston Museum of Fine Arts, September 1983
Conférence Internationale sur la Diffusion des Phonons dans les Solides, Paris, July 3-6, 1972
International Symposium on Archaeometry, Smithsonian Institution, 1984
International Symposium on Archaeometry, UIUC, 1996
International Symposium on Archaeometry, Mexico City, Mexico, May 15-19, 2000
Materials Research Society, Boston Symposium, Fall 1978
MRS Talk TiC TiB2, Fall 1993
Second Annual Allerton Conference on Bioengineering, May 23-24, 1971
TMS Talks, "Metallic Ceramics as Interconnects" 1955
World Heritage Museum Guild Fall Lecture, "Black Magic" November 12, 1995
Correspondence and Memos, 1974-1984
Course Lecture Notes and Advertisements for Courses
Center for Materials Research in Archaeology and Ethnology, Massachusetts Institute of Technology, 1998-1999
Ceramic Engineering 245 (Physical Chemistry) Transparency Notes
EMSE 318 Archaeological Materials
EMSE 413 Notes for Material Science Course, Fall 1988
EMSE 424 Properties of Metallic Ceramics
Endogenous Electrical Signals in Bone Transparencies
Hardening of TiC by TiB2 and Vice Versa
Low Electrical Resistivity of Titanium Diboride
New College, Florida
North Carolina (NC) Student Papers
Thermal Conductivity Transparencies
Transparencies for Lecture, MOCUD
Transparencies for Talk- Not Labeled or Dated

Box 4:

Granato, A.V. Review Articles, 1997-2001
"Materials Science in Archeology and Art" Proposal under the Hewlett Initiative
National Science Foundation Proposals
Gold and Silver Alloys, 1997

Organic Contents of Ancient Vessels: Materials Analysis and Archaeological Investigation MASCA, the University Museum of Archaeology and Anthropology, Volume 7, 1990

Popov-Richter, Vida Master's Degree Program Admission

Publications that Cite Williams Research

"Stacking Faults in TiC" by J. Venables, 1966
"Microhardness of TiC" by R.H.J. Hannink, 1971

Ceramics in Czechoslovakia, 1989

Research Laboratory for Archaeology and the History of Art, Report(s) on Current Research, 1991-1993

Research Projects and Interests, includes raw data and physical samples

Anasazi Sherds from Mesa Verde (contains actual shreds of Mesa Verde Pottery), 1999-2000

BDT, Hardness, 1995

Bronze Mirror- TEM, 1997

Don Krummel Iron Specimens, 2001


Kaolin Clay, 1999

Lusteware

Maine Antiques Digest (MAD)

Marble from Parthenon (contains photographs)

Mesa Verde National Park

Paktong

Paper Conservation

Parian Ware (contains actual shreds of Parian Ware), 2 Folders

Péruvien Cortage (contains polaroid photographs)

Photos of Renaissance Drawing

Roman Coins (contains photographs and negatives)

Shroud of Turin

Statue of Liberty

Wedgwood China, 3 Folders

Semi-Conductor International Papers, Centers for Advanced Technologies and Partnerships for Industry Competitiveness Correspondence and Research Papers, 1992-1997

Thermal Expansion Notes and Research Papers, 1992-1997