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Daniel C. Dunham papers16922818

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Summary Information

Repository:	Avery Architectural and Fine Arts Library
Creator:	Dunham, Daniel C., 1929-2000
Creator:	Dunham, Katherine D.
Title:	Daniel C. Dunham papers
ID:	16922818
Date [inclusive]:	1955-2021
Date [bulk]:	1960s-1990s
Physical Description:	8 document boxes
Language of the Material:	English , French , Bengali .
Abstract:	Daniel C. Dunham (1929-2000) was an architect, consultant, inventor, and educator best known for his architectural works in East Pakistan/Bangladesh and his consultancy work in developing nations throughout the 1960s, 1970s, and 1980s. He was a professor at Columbia University and the City College of New York where he taught courses on solar energy, urban planning and tropical architecture. This collection documents Dunham's long-spanning and multi-faceted career. The collection consists primarily of papers from his consultancy and university work, though his early architectural work is present, mainly in photographic formats.

Preferred Citation

Daniel C. Dunham papers, 1955-2021, Department of Drawings & Archives, Avery Architectural and Fine Arts Library, Columbia University.

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Biographical / Historical

Daniel C. Dunham was born in Omaha, Nebraska in 1929. He was adopted. From an early age, he was an avid traveler, hitchhiking back and forth to the East Coast. In 1950, he earned

a Bachelor of Science from the University of Wisconsin where he was a dual major in both physics and art. Dunham, who worked as a cleaner to pay for his studies, would tinker in the physics lab during his shifts, which drew the attention of Professor John Duffie. With Duffie and Daniel Farrington, Dunham developed an interest in invention and solar energy, and in 1957, he and Duffie filed a patent for a solar energy cooker. Throughout his career, Dunham would return to the solar cooker, developing a number of variations and related products, such as a solar distiller. However, the solar cooker was never picked up by a manufacturer.

After graduating from the University of Wisconsin, he studied at the Ecole americaine des beaux-arts in Fontainebleau, France, where he met his future wife, Mary Frances Raphael, who was enrolled in the music program. Afterwards, he worked odd jobs, and it was while working for an American air base in Morocco when someone suggested Dunham should become an architect. After writing to Harvard University, he was enrolled at the Graduate School of Design where he met Max Bond, Jr. with whom he would have a long professional and personal relationship. During his time at Harvard GSD, Dunham became involved in the Construction Workshop, where he developed a fascination for thin-shelled concrete. This interest would later come to fruition in his work on the Kamalapur Railway Station. He earned his Masters of Architecture in 1959 and then immediately set off for London, where he studied at the School of Tropical Architecture on a Fulbright Scholarship. For his coursework, he returned to Morocco to conduct research in North Africa on temperature regulation in traditional courtyard houses, and this research would inform his later interest in nocturnal radiation and solar energy. His first article, "The Courtyard House as Temperature Regulator," emerged from this work and was published in *The New Scientist* in 1960.

After graduating from Harvard and the AA, he was hired by Louis Berger to head their new office in Dhaka, Bangladesh—then East Pakistan. Dunham and Berger maintained a life-long personal relationship, even after Dunham left his employment after only two years. Yet, it was during his tenure as Chief Architect that Dunham completed the bulk of his architectural work. He designed master plans and buildings for the Rajshahi University, Mymensingh University, Barisol College, and, most famously, the Kamalapur Railway Station. In 2022, the latter was included in the Museum of Modern Art's exhibition on "decolonial" architecture in South Asia. He also developed numerous designs for rural villages.

While in Dhaka, Dunham, his wife, Mary Frances, and daughter, Katherine, lived like locals, eschewing the foreigners' housing complexes. His designs were likewise sensitive to the needs of vernacular traditions and he involved his students in prototyping. Shaheen Choudhury Westcombe described Dunham's architecture as "simple, practical, and environmentally friendly and respected the local traditions." Dunham and his family also became fluent in Bengali. He also wrote for local newspapers in Dhaka to instruct construction professionals on best practices.

In 1961, Dunham was invited to help establish the first faculty of architecture at the nascent East Pakistan University of Engineering and Technology (EPUET; now BUET), in collaboration with the US Technical Assistance Program and Texas A&M University, which provided the curriculum and visiting professors. Dunham worked with Richard Edwin Vrooman (first dean of BUET) and James C. Walden to teach architecture history and studios. Other Texas A&M University professors who were at BUET at the time include Jack Yardley and Samuel T. Lanford. According to Da Hyung Jeong, who wrote the catalog essay for the MoMA show,

Dunham was "convinced that a sound architectural education was of paramount importance to the nation's future" and he "played a paramount role in training the subsequent generation of architects." Indeed, Dunham would maintain correspondence with his students—and their students—for years to come. During the Bangladesh Liberation War, Dunham lobbied the United States Congress against supplying military aid to West Pakistan, and his latrine project for Calcutta was related to the large influx of Bangladeshi refugees into the city. Katherine Dunham donated material related to this lobbying effort to the Bangladesh War Museum. In 2013, the Government of Bangladesh honored Daniel Dunham (posthumously) and Mary Frances Dunham for their contribution to the 1971 War of Liberation.

While holding this role until 1967, he began consulting for organizations like the United States Agency for International Development (USAID) and the Calcutta Metropolitan Planning Organization for the Ford Foundation. It was during this consulting work that he developed an interest in planning. Thus it was in 1967 that Dunham and his family returned to the United States so he could complete a Masters of Planning at Columbia University. During this time, he continued as a consultant for various organizations, such as the Ford Foundation, Save the Children, USAID, and the United Nations. Upon earning his masters in 1971, he became an adjunct professor and taught courses on urban planning for developing nations, environmental design and solar energy. Throughout the 1970s and 1980s, Dunham extensively traveled back to Bangladesh, Mauritania, Somalia, Djibouti, the Caribbean, and other nations. He worked for Volunteers in Technical Assistance, Save the Children, and USAID on alternative energy projects and flood disaster relief and was known as "USAID's cyclone man." Letters from his Somalia project praise Dunham's quick work, good work, and friendly attitude to everyone involved, including "domestic help," and his attention to local details. In other correspondence, he is referred to as the leading expert on developing nations' planning needs.

All the while, he continued teaching and iterating on solar cookers and solar distillers. In 1987, as part of an exchange program between Columbia GSAPP and Yunnan Institute of Technology, Dunham and his family relocated to China where he served as a visiting professor for three months. He taught four courses on the history of city planning, while Mary Frances taught English and Katherine served as a teaching assistant.

Throughout the early 1970s, Dunham also pursued a doctorate degree in planning at Columbia. His well-documented research was concerned with "mess" housing for single male workers in Bangladesh—a topic he initially became interested in while teaching at EPUET. Though he completed a manuscript, he never completed the doctorate as he was actively engaged in teaching and preferred the "real-world" work of his consultancy projects to academic writing.

In 1985, Dunham followed Max Bond to the City College of New York's School of Architecture and Environmental Studies (now the Bernard and Anne Spitzer School of Architecture). Dunham taught courses on tropical architecture.

In the 1990s, Dunham also became interested in bamboo construction techniques and attended workshops in Myanmar and Thailand—though, photographs from his time in Dhaka indicate that this was a longer-term interest.

Daniel C. Dunham died in New York City on 19 December 2000.

Sources:

Islam, Rafique. *Daniel Dunham: Pioneer of Modern Architecture in Bangladesh*. Scottsdale, AZ: The Book Patch, 2013.

Jeong, Da Hyung. "Kamalapur Railway Station." *In The Project of Independence: Architectures of Decolonization in South Asia, 1947-1985*, curated and edited by Martino Stierli, Anoma Pieris, and Sean Anderson, 202. New York City: The Museum of Modern Art, 2022.

Westcombe, Shaheen Choudhury, MBE and Mary Frances Dunham. "The Legacy of Architect Daniel C. Dunham's Teaching in Bangladesh." Daniel C. Dunham Papers, Box 2, Folder 15, Fiftieth Anniversary International Seminar on Architecture: Education, Practice and Research, Dept. of Drawings & Archives, Avery Architectural and Fine Arts Library, Columbia University.

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Content Description

The collection documents Daniel Dunham's professional career as an architect, consultant, inventor, and educator. It includes numerous photographs, negatives, and slides created by Dunham or his daughter, Katherine, during his time as an educator or consultant in developing nations. It includes work related to his research in solar energy, low-cost housing construction, and worker housing. Professional correspondence and letters written by former students requesting references and assistance to American universities proliferate. Articles and reports written by Dunham are present, as well as sketches and reproductions of his architectural drawings, though, it should be noted, there is limited original architectural drawings for his major projects in East Pakistan/Bangladesh. Syllabi and lecture notes are included. Dunham also created a number of albums or self-bound volumes, which are preserved in their original form and include drafts, letters, sketches, charts, photographs, article clippings, and other content; their respective interior organizations are left to the researcher to decipher.

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Administrative Information

Publication Statement

Avery Architectural and Fine Arts Library

Conditions Governing Access

This collection is available for use by appointment in the Department of Drawings & Archives, Avery Architectural and Fine Arts Library, Columbia University. For further information, please email avery-drawings@library.columbia.edu.

Immediate Source of Acquisition

This collection was donated by Kate Dunham in 2022 (acq. 2022.004)

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Processing Information

This collection was processed by Zachary Torres (Graduate Student Intern) in 2023.

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Related Materials

Related Materials

Katherien D. Dunham donated other papers related to Daniel Dunham's work to other institutions:

For papers related to Dunham's tenure as professor at EPUET/BUET, contact the [Bangladesh University of Engineering and Technology, Head of the Faculty of Architecture](#).

For papers related to Dunham's lobbying efforts during the Bangladesh Liberation War, contact the [Bangladesh War Museum](#).

For papers related to Dunham's work on the Latrine Project in Calcutta, India, contact the [Rockefeller Archive Center](#), which holds the Ford Foundation records.

For papers related to Dunham's student work see the [Frances Loeb Library collections](#) at Harvard GSD and the [AA Archives](#).

For researchers interested in Dunham's time in Dacca, see the memoir by Mary Frances Dunham and Katherine Dunham entitled [Some Weep, Some Laugh: Memoirs of an American Family in Dacca 1960-1967](#), which can be found on the [website created in honor of Mary Frances Dunham](#).

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Controlled Access Headings

- Architecture, Tropical
- Urban planning and environment
- City planning
- Architecture -- Study and teaching
- Architectural design -- Study and teaching
- Architecture -- Design and Plans -- Bangladesh
- Architecture -- Design and Plans -- India
- Solar energy -- Research
- Housing and health
- Low-income housing
- Columbia University. Graduate School of Architecture, Planning and Preservation
- City University of New York. City College. School of Architecture, Urban Design and Landscape Architecture
- Bangladesh University of Engineering and Technology. Department of Architecture
- Kunming li gong daxue

Collection Inventory

Series I: Architectural Works

Scope and Contents

Series I is composed of records related to Dunham's professional work as an architect, and primarily includes photographs, negatives, slides, and reproductions of architectural drawings. It is organized geographically, with the exception of Subseries 4, which includes material related to a MoMA exhibition.

Dunham's architectural career was primarily concentrated in East Pakistan (now Bangladesh) where he was Chief Architect of the local office of Berger Engineers Ltd. (later known as the Louis Berger Group) from 1960-1962. Here, Dunham designed and/or oversaw the construction of Rajshahi University, Mymensingh Agricultural University, Barisal College, various Thana (village) administrative officer housing, and most famously, Kamalapur Railway Station in Dhaka. This station was featured in the Museum of Modern Art's 2022 exhibition *The Project of Independence: Architectures of Decolonization in South Asia*. Correspondence and photographs compiled by Dunham's daughter, Katherine D. Dunham, and his biographer, Rafique Islam, related to the exhibition are included in Subseries 4. Also included

are various correspondence and articles by architectural organizations (such as DOCOMOMO, the Institute of Architects Bangladesh, and Niklaus Graber) and the MoMA curators, Martino Stierli and Sean Anderson, calling for the preservation of Kamalapur Railway Station after government announcements for its demolition. Included in Subseries 1: East Pakistan, are pages from his portfolio documenting these projects, which he submitted as part of his Wheelwright Prize application (the remaining application can be found in Series V: Personal Papers).

Also included in this series are smaller residential projects in both India and New York, which are represented primarily through sketches, photographs, and small-scale reproductions of architectural drawings.

A gap in this series is original full-scale architectural drawings.

Subseries 1: East Pakistan

Title/Description	Instances	
Portfolio for Wheelwright Application, 1960-1972 Mar	box 1	folder 1
Scope and Contents		
Includes photographs, reproductions of architectural drawings, and written descriptions by Daniel Dunham of his work as an architect and consultant in East Pakistan (Bangladesh) assembled in a portfolio for his 1972 Wheelwright Application. Architectural projects included are: Rajshahi University, Mymensingh University, East Bengal Railways (Kamalapur), Thana houses, East Pakistan University of Engineering and Technology (BUET) faculty housing. Consultancy projects include: Calcutta latrines, rural housing, lower-middle class housing. Included is a copy of his article on courtyard houses and a report on hire-purchase housing in Calcutta.		
Rajshahi University (Rajshahi, Bangladesh). Photographs, 1960-1990	box 1	folder 2
Scope and Contents		
Includes photographs and negatives of architectural model, construction (bamboo scaffolding), faculty residences, dormitories, library, medical clinic. Photographs with verso annotations are sleeved separately; those with no annotations are doubled. Photographs taken by Daniel in the 1960s and Katherine Dunham in the 1990s. (103 Items)		
Rajshahi University (Rajshahi, Bangladesh). Architectural Drawings, 1960-1962	box 1	folder 3

Scope and Contents

Includes reproductions of the master plan. (3 items)

Rajshahi University (Rajshahi, Bangladesh). News Coverage, 1961	box 1	folder 4
Scope and Contents		
Includes articles by Nurul Islam and A.F.G. Mohiuddin in the Campus Compendium. (2 items)		
East Pakistan (Bangladesh) University of Engineering and Technology (Dhakka, Bangladesh), 1960-1965, 1994	box 1	folder 5
Scope and Contents		
Includes photographs taken by Daniel Dunham in the 1960s and by Katherine Dunham in the 1990s, and reproductions of architectural drawings. Most material is of faculty housing. (26 photographs/negatives; 3 drawings)		
Mymensingh (Bangladesh) Agricultural University (Mymensingh, Bangladesh), 1960-1965, 1994	box 1	folder 6
Scope and Contents		
Includes photographs taken by Daniel Dunham in the 1960s and by Katherine Dunham in the 1990s, and reproductions of architectural drawings. Photographs with verso annotations are sleeved separately; those with no annotations are doubled. (57 photographs/negatives; 2 drawings; 1 contact sheet)		
Barisal College (Barisal, Bangladesh), circa 1960-1990	box 1	folder 7
Scope and Contents		
Includes photographs and negatives taken by Daniel Dunham in the 1960s and color photographs possibly from the 1990s. Included are photographs of construction with bamboo scaffolding. Photographs with verso annotations are sleeved separately; those with no annotations are doubled. (84 items)		
Thana Officers Twin-House, circa 1960-1967	box 1	folder 8
Scope and Contents		
Includes reproductions of architectural drawings. (2 Items)		
Kamalapur Railway Station (Dhakka, Bangladesh), 1961, circa 1990s, 2021	box 1	folder 9

Scope and Contents

Includes photographs and negatives taken by Katherine Dunham in the 1990s (likely 1997) and others from the 1970s. Most photographs (reprinted in 2021) are of the construction process and depict bamboo scaffolding. Two contact sheets are included which show Kamalapur Railway Station and what are likely buildings from Mymensingh, as well as some identified buildings. A CD-ROM with two digital photographs selected by Katherine Dunham for the MoMA Exhibition is included. Architectural reproductions are included. Photographs of rickshaws with paintings of the railway station, printed in 2021, are included. Stamps and a postcard with the railway station are included, and a 1997 Star periodical with an article on the station. (54 photographs; 4 architectural drawings; 1 CD-ROM; 5 items)

Correspondence, 1960-1965, 1994

box 1

folder 10

Scope and Contents

Includes correspondence regarding Daniel Dunham's employment at Louis Berger, Inc. as well as personal correspondence between Louis Berger and Daniel Dunham who maintained a lifelong relationship after Dunham left the former's employment. Also included is a spreadsheet of Louis Berger, Inc.'s experience. (9 items)

Subseries 2: Indian Residential Designs**Title/Description****Instances**

Bose House (Bangalore, India), circa 1968

box 1

folder 11

Scope and Contents

Architectural drawings and sketches (7 items)

Bimla House, circa 1980s

box 1

folder 12

Scope and Contents

Architectural drawings (6 items)

Toshi's House (Dalhousi, India), undated, 2005

box 1

folder 13

Scope and Contents

Includes photographs of exterior and 2005 email correspondence with Mary Frances and Katherine

Dunham and print-out architectural drawings
regarding addition by other architects

Subseries 3: American Designs

Title/Description	Instances	
Schwartz House (Cape Cod, Massachusetts), 1971, 2000	box 1	folder 14
<p>Scope and Contents</p> <p>Includes architectural sketches and photographs, as well as architectural drawings prepared by John B. Curtis (1971) and Frank Capson of Innovative Designs (2000). Correspondence regarding the original design and latter renovation by Innovative Designs are included. The Schwartz family dismissed Capson's designs and sought the advice of Daniel Dunham and his family. (16 items)</p>		
New York Projects, 1958, circa 1960s, 1983	box 1	folder 15

Subseries 4: MoMA Exhibition, The Project of Independence: Architectures of Decolonization in South Asia

Title/Description	Instances	
Correspondence, 2020-2021	box 1	
<p>Scope and Contents</p> <p>Print-outs of email correspondence between Katherine Dunham and Aaron Smithson of DOCOMOMO and Facebook print-outs of the Institute of Architects Bangladesh discussing proposed demolition of Kamalapur Railway Station. Also included is an open letter from MoMA curators Martino Stierli and Sean Anderson, a letter from Katherine Dunham to the IAB, and a letter from Niklaus Graber.</p>		
Articles, 2019-2021	box 1	folder 17
<p>Scope and Contents</p> <p>Print-outs of articles on Kamalapur Railway Station and its planned demolition by Anowar Hossain, Adnan Zillan Morshed, and others, as well as a draft of the exhibition's catalog text by Da Hyung.</p>		

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Series II: Consultancy Work

Scope and Contents

Series II comprises the bulk of the collection as it is concerned with Dunham's long-spanning career as an architectural consultant for projects in developing nations. It spans the "development decades" of the 1960s and 1970s, with smaller consultancies occurring in the 1980s. It includes sketches, field notes and notebooks (some "hand" bound), photographs, numerous slides, negatives, reproductions of architectural drawings, as well as drafts of reports, finalized published reports, and albums/bound volumes compiled by Dunham that include newspaper clippings, charts, calculations, itineraries, maps, as well as the already noted material. Each consultancy groups' related correspondence is located in its respective subseries and is primarily concerned with project logistics and travel information, though some are cursorily personal exchanges between colleagues. The series is organized geographically and then chronologically. It includes work conducted in East Pakistan/Bangladesh, India (with cursory reference to Sri Lanka), Mauritania, Somalia, Djibouti, Jamaica, Nepal, and housing for Afghan refugees in Quetta, Pakistan. Material is primarily in English, with a significant portion in French, and some in Bengali.

The majority of Dunham's consultancy work was concerned with coastal flooding and cyclone relief in both East Pakistan/ Bangladesh and the Caribbean and alternative energy sources in Africa. Dunham worked for a number of different international aid organizations, including, but not limited to: the United States Agency for International Development (USAID), the Ford Foundation, Volunteers in Technical Assistance (VITA), Institut Supérieure d'Etudes et de Recherches Scientifiques et Techniques (ISERST), the World Bank, and Save the Children. While formally in these roles, Dunham also engaged in side projects, such as his project for latrines and prototype housing.

Dunham authored or co-authored a number of reports for these organizations, which are included in this series. He also authored a manual, distributed by VITA, on low-cost housing techniques, Manual for Building with Chala Capor in Bangladesh. Also of note are Dunham's design for low-cost precast reinforced concrete latrines for "rapid improvement of sanitation in underdeveloped areas," and the related correspondence with their manufacturer, a Mr. Mukulesh Mitra.

In both Mauritania and Djibouti, Dunham collaborated on alternative energy projects, and he designed an applied energy center and the buildings for the Institut Supérieure d'Etudes et de Recherches Scientifiques et Techniques (ISERST) research. He also designed a community center in Somalia and authored a manual on construction for maritime desert climates. It was in these locations that Dunham's interest in solar energy collided with his role as a consultant.

While in Africa, Dunham designed prototype houses that were named after his local colleagues. The housing was to be built for foreigners and intended for later conversion to local use. They were part of the United States Agency for International Aid (USAID) project at the Sani Oasis. Drawings were likely drafted by Katherine Dunham who lived on site with her father.

Subseries 1: Bangladesh, Cyclones

Title/Description	Instances	
1965 East Pakistan (Bangladesh) Cyclone Relief, 1963-1965	box 1	folder 18
<p>Scope and Contents</p> <p>Includes a notebook from the summer of 1965 with notes, sketches, maps, report drafts, photographs, and correspondence bound together in an album divided into the cities of Chitagong (now Chattogram) and Barisal. Includes report on Cyclone and Storm Surge Destruction Report and Recommendations on Cyclone Shelter</p>		

Construction prepared for the United States Agency
for International Development (USAID). (6 items)

1970 East Pakistan (Bangladesh) Coastal Storm, 1970-1971	box 1	folder 19
Scope and Contents		
Includes negatives, a bound collection of news coverage of the storm, and a United Nations report on the relief project with surveys and sketches and architectural drawings of storm shelters. United Nations employment contract included.		
1971 East Pakistan (Bangladesh) Low-Cost Housing, 1971	box 1	folder 20
Scope and Contents		
Report for World Food Program Low Cost Housing Project in East Pakistan (1 item)		
Volunteers in Technical Assistance (VITA) Correspondence, 1976-1977, 1985	box 1	folder 21
Scope and Contents		
Correspondence related to cyclone relief and reconstruction. First correspondence between Volunteers in Technical Assistance (VITA) and Daniel Dunham; VITA newsletter (7 items)		
1988 Flood Project, 1988	box 1	folder 22
Scope and Contents		
Includes handmade field visit notebook, photographs, sketched map, United States Agency for International Development (USAID) report, and a bound collection of documents, field reports, drawings for shelters, photographs, newspaper clippings. USAID report includes as appendices a manual for low-cost housing construction prepared by Daniel Dunham and referenced in correspondence throughout the collection; this manual is also located as its own publication in Box 1, Folder 24. Included is correspondence with Mary Frances and Katherine Dunham explaining flood conditions and requesting materials.		
1989 United Nations Development Program Reconstruction of Rural Housing Report, 1989	box 1	folder 23
Scope and Contents		
Draft report for United Nations Development Program Preparatory Assistance Mission entitled Building Patterns and Construction in Material Considerations Affecting Rural Shelter		

Reconstruction in Flood Affected Areas of
Bangladesh: Analysis and Recommendations (1 item)

Manual for Building with Chala Capor in Bangladesh, 1988-1989	box 1	folder 24
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Scope and Contents

United States Agency of International Development manual on Building with Chala Capor in Bangladesh. This is a construction manual for building temporary disaster relief and semi-permanent rural shelters with local materials and American roofing materials. This manual is also present as an appendix in the 1988 report found in Box 1, Folder 22, and is mentioned in various correspondences throughout the collection. One copy is in English and another in Bengali. (2 items)

1991 Planning and Development Collaboration International Proposal to Cyclone Relief Mission, 1991 May 15	box 1	folder 25
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Scope and Contents

Unsolicited Proposal to United States Agency for International Development/ Office of Foreign Disaster Assistance Bangladesh Cyclone Relief Mission, prepared by Daniel Dunham with summary recommendations of his previous cyclone relief work. Includes sketches from previous reports and a resume.

Subseries 2: India, Latrines

Scope and Contents

Includes work completed during his tenure as a consultant for the Ford Foundation in Calcutta, though this was not itself a project for the Ford Foundation's mission. Katherine Dunham donated a portion of this collection to the Ford Foundation's archives.

Title/Description	Instances	
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Feasibility Report on Precast Reinforced Concrete Latrines for Rapid Improvement of Sanitation in Underdeveloped Areas, 1971 Oct	box 1	folder 26
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Scope and Contents

Feasibility report titled Precast Reinforced Concrete Latrines for Rapid Improvement of Sanitation in Underdeveloped Areas. (1 item)

Architectural Drawings and Photographs, 1971-1972	box 1	folder 27
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Scope and Contents

(10 items)

Correspondence, 1971-1979, 1994

box 1

folder 28

Scope and Contents

Includes correspondence primarily with Mukulesh Mitra who collaborated on the latrine production. One letter from another consultant requesting information for similar work in Sri Lanka (10 items)

Subseries 3: Mauritania**Title/Description****Instances**

Alternative Energy Sources in Rural Mauritania
Volunteers in Technical Assistance Reports, 1977

box 1

folder 29

Scope and Contents

Includes official report on alternative energy and presentation notes. (5 items)

Applied Energy Center, 1980-1981

box 1

folder 30

Scope and Contents

Includes handwritten notes on the project and statements, scopes, and summaries of work, and copies of newspaper clippings, and sketches and drawings (12 items)

Nouakchott American School, circa 1980s

box 1

folder 31

Scope and Contents

Concept sketches for an American school. According to Katherine Dunham, the school was like pro bono work while Daniel Dunham worked on the United States Agency for International Development (USAID) project at Sani Oasis. (3 items)

Residential Prototypes (Sani Oasis), circa 1972-1982

box 1

folder 32

Scope and Contents

Includes architectural drawings for Maison de Jafdi-ould-Salem and Mouhamed ould Ismail. Katherine Dunham believes these were prototype houses, named after local colleagues, that were to be built for foreigners and intended for later converted for local use. They were part of the United States Agency for International Aid (USAID) project at

the Sani Oasis. Drawings were likely drafted by Katherine Dunham who lived on site with her father.

Correspondence, 1979-1981	box 1	folder 33
Scope and Contents		
Includes telegrams and letters, one of which contains sketches (10 items)		
Sani Oasis Development Project, 1980-1982	box 2	folder 1
Scope and Contents		
Includes architectural drawings and sketches, memoranda, work plans, and field notes (48 items)		
Subseries 4: Djibouti		
Title/Description	Instances	
Djibouti Energy Initiatives Project, 1982-1984 Jul	box 2	folder 2
Scope and Contents		
Includes contracts, correspondence, field reports, quarterly reports, newspaper clippings, and draft and published reports on the Djibouti Energy Initiatives Project, which was a consultancy project in collaboration with the United States Agency for International Development, Volunteers in Technical Assistance (VITA), and Institut Supérieure d'Etudes et de Recherches Scientifiques et Techniques (ISERST) whose goal was to reduce reliance on fossil fuels and the construction of an energy research lab building for ISERST. (14 items)		
Djibouti Energy Initiatives Project, Architectural Drawings and Photographs, 1982-1983	box 2	folder 3
Scope and Contents		
Includes architectural drawings, photographs, negatives, and architectural sketches and notes. Photographs with verso annotations are sleeved separately; those with no annotations are doubled. (20 items)		
Seymour Jarmul and Judy Hirsch Reports, 1983-1984	box 2	folder 4
Scope and Contents		
Includes World Bank report by French firm Groupe Huit-SEDES and two reports for Volunteers in Technical Assistance/ Institut Supérieure d'Etudes et de Recherches Scientifiques et Techniques		

(INSERST) by Seymour Jarmul and Judy Hirsch in French and English. (5 items)

Salines-Ouest Prototype Housing, 1984-1985 Jan	box 2	folder 5
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Scope and Contents

Includes correspondence, maps, tourist map, architectural drawings, sketches, notes, proposal, photographs, drawings, and scope of work for construction of prototype housing illustrating principles of energy conservation and use of local materials. Project was carried out in collaboration with Volunteers in Technical Assistance (VITA), United States Agency for International Development (USAID), the World Bank, and Institut Supérieure d'Etudes et de Recherches Scientifiques et Techniques (ISERST). French architectural firm Groupe Huit-SEDES was also involved. Project appears to have been an outgrowth of the earlier energy lab and the Hirsch's subsequent work. Final report published in French and English. Correspondence is primarily with Steve Hirsch, Judy Hirsch, and Seymour Jarmul. Photographs with verso annotations are sleeved separately; those with no annotations are doubled. (60 items)

Construction Manual for Desert Maritime Regions, 1983 Aug	box 2	folder 6
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Scope and Contents

Includes manual in French by Daniel Dunham for energy efficient housing in desert maritime regions. Manual referenced in correspondence for Salines-Ouest prototype housing project and Somalia project. (2 items)

Subseries 5: Short-Term Projects

Title/Description	Instances
Qorioley (Qoryoley), Somalia Community Center, 1984-1986,1989	box 2 folder 7

Scope and Contents

Includes correspondence, project itinerary, architectural drawings, sketches, and photographs of existing conditions and architectural model, and a field notebook with notes, airplane tickets, drafts, business cards, and the consultancy agreement. Project was carried out under Save the Children. Project was visited by Maureen Reagan. (42 items)

Nepal Earthquake Reconstruction and Rehabilitation Project, 1989 Jun - 1989 Sep	box 2	folder 8
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Scope and Contents

Includes correspondence, reports, project scope, and architectural drawings and photographs. Project involved a training program for local builders and reconstruction project for a primary school carried out in conjunction with PADCO, United States Agency for International Development, and US Peace Corps. Jane Brown was a collaborating consultant and Madhab Mathema directed the reconstruction project. (36 items)

Afghan Refugee Housing, 1988

box 2

folder 9

Scope and Contents

1 report

Concept Paper for Shelter-Related Disaster Support, 1991
Apr 12

box 2

folder 10

Scope and Contents

Draft of United States Agency for International Development (USAID) draft concept paper entitled Shelter-Related Disaster Support Office of Housing and Urban Planning/ Office of Foreign Disaster Assistance. It outlines a plan for a Shelter Center for Disaster Mitigation with four subprojects: drought and famine in East Africa; flood relief in South Asia; hurricanes in Caribbean; earthquake and volcanic eruptions in Ecuador. (1 item)

Subseries 6: Jamaica

Title/Description	Instances	
Hurricane Gilbert Reconstruction, 1979-1980, 1988-1989	box 2	folder 11
Scope and Contents		
Includes photographs, notes, correspondence, and reports on the United States Agency for International Development's project in response to Hurricane Gilbert (60 items)		
Proposal for City College Exchange Program, 1988-1989	box 2	folder 12
Scope and Contents		
Includes correspondence and proposal for students of City College to participate in academic exchange to Jamaica to gain practical experience on disaster relief architecture; Newspaper clippings on the		

opening of the Caribbean School of Architecture and
Planning (6 items)

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Series III: Faculty Papers

Scope and Contents

Series III is related to Dunham's role as an educator, a role he held throughout the majority of his career. The series includes syllabi, lecture schedules, lecture notes, slides, exams and assignments, bound volumes of course readings, and student and faculty correspondence, the majority of which concern Bangladeshi students requesting advice and references for American universities and jobs. His work as a professor in New York, Bangladesh, and China is represented to varying degrees. His lecture notes for courses at Columbia and CCNY are included, but there is minimal student correspondence. Contrarily, his work in Bangladesh is expressed almost exclusively through student correspondence. Ironically, his shortest teaching position in Yunnan is the most exhaustive collection, including lecture notes, exams, student work, and student correspondence.

Beginning in 1962, Dunham left the Dhaka office of Louis Berger to teach at the newly formed East Pakistan University of Engineering and Technology (EPUET; now BUET) as a professor of architecture. The faculty of architecture was established with aid from Texas A&M, which provided syllabi, resources, and visiting professors. Dunham was a popular professor, attested to by the student correspondence present in Subseries 1, which also includes material related to the faculty's fiftieth anniversary.

After completing his masters in planning at Columbia University, Dunham began teaching courses at Columbia in planning and solar energy. He served as an adjunct professor from 1972-1985. Present in Subseries 2 are lecture notes, syllabi, exams, lecture posters, and correspondence related to his Columbia courses "Solar Energy and the Architect" and "Planning in Developing Nations." Also included are some secondary material published by the Graduate School of Architecture and Planning course bulletin and Magazine of Columbia University April 1982 issue in which Daniel Dunham's course on solar energy is featured in an article by Meg Lavigne. The correspondence related to the solar energy course is primarily with guest lecturers. There is also correspondence with Herbert C. Morse II regarding the use of a grant from the Leighton B. Morse and Daisy Irene Lutz Morse Memorial Fund that provided funding for the course and the purchase of relevant literature for the library.

From 1985 until his retirement, Dunham taught at the City College of New York, where his course on Tropical Architecture was particularly popular. Subseries 3 includes lecture notes, syllabi, assignments and other papers from his time teaching at CUNY. Also included in this series are papers related to his popular "dollar-a-day" assignment.

Subseries 4 documents Dunham's time in teaching in China. In 1987, Dunham was a visiting professor in Yunnan, China, where he taught architectural and planning history. His wife, Mary Frances Dunham, taught English, and their daughter, Katerine D. Dunham served as a teaching assistant. Present are both Daniel and Mary Frances's notes on students, rosters, student assignments, and correspondence to students after they left.

Finally, Subseries 5 includes cursory material on lecturers Dunham gave at other institutions, such as the South Asian Institute, the Asia Society, Carnegie Mellon, Hunter College, Barnard College, and Princeton University.

Subseries 1: East Pakistan (Bangladesh) University of Engineering and Technology (EPUT/BUET)

Title/Description	Instances	
Administrative Papers, 1965-1967,1988 Scope and Contents Includes foundation plan for Faculty of Architecture and Planning, student rosters, correspondence related to Daniel Dunham's compensation, farewell address, photograph, and a 1988 well-wishes with former students' updated addresses and titles. Content is in English and Bengali. In 2019, Katherine Dunham donated a portion of her father's EPUET/BUET papers to the school's archives. (10 items)	box 2	folder 13
Student Correspondence, 1971-1995 Scope and Contents Includes correspondence with former students requesting letters of recommendation and advice on universities, application processes, and jobs in America. (15 items)	box 2	folder 14
Fiftieth Anniversary International Seminar on Architecture: Education, Practice and Research, 2012 Scope and Contents Includes ephemera from the seminar commemorating East Pakistan (Bangladesh) University of Engineering and Technology Faculty of Architecture and Planning's fiftieth anniversary. Print-out articles of presented papers by Mary Frances Dunham, Shaheen Choudhury Westcombe, and Rafique Islam relating to Daniel Dunham's contributions to the school, a print out slide presentation, an article by Nurur Rahman Khan on Louis Khan's work, the Vrooman Memorial Trust Fund establishment, and a CD-ROM of the events' itineraries and papers are included. (14 items)	box 2	folder 15
Subseries 2: Columbia University		
Title/Description	Instances	
Solar Energy Course, Lecture Notes, 1979-1983 Scope and Contents Includes handwritten and typed lecture notes and sketches of slides.	box 2	folder 16
Solar Energy Course, Syllabi, Exams, and Correspondence, 1979-1983	box 2	folder 17

Scope and Contents

Includes syllabi, lecture schedule, student rosters, exams and assignments, and correspondence. The correspondence is primarily to guest lecturers. Correspondence with Herbert C. Morse II regarding the use of a grant from Leighton B. Morse and Daisy Irene Lutz Morse Memorial Fund that provided funding for the course and the purchase of relevant literature for the library. Includes course flyers and lecture posters. (58 items)

Planning in Developing Nations Course, Syllabi and Lecture Notes, 1975-1985	box 2	folder 18
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Scope and Contents

Includes syllabi, lecture schedules, and lecture notes.

Planning in Developing Nations Course, Reader, 1975	box 2	folder 19
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Scope and Contents

Bound volume of course readings. (1 item)

Correspondence, 1974-1985	box 3	folder 1
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Scope and Contents

Includes primarily student correspondence related to applications, letters of recommendation, and jobs; as well as one correspondence between faculty related to course development and a letter appointing Daniel Dunham to Adjunct Professor. (22 items)

Bibliographies, 1972-1975	box 3	folder 2
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Scope and Contents

Includes bibliographies, and annotated bibliographies, and reading lists, as well as two annotated bibliographies created by students. (23 items)

Columbia Publications, 1982,1984-1986	box 3	folder 3
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Scope and Contents

Includes Graduate School of Architecture and Planning course bulletin and Magazine of Columbia University April 1982 issue in which Daniel Dunham's course on solar energy is featured in an article by Meg Lavigne. (3 items)

Subseries 3: City College of New York

Title/Description	Instances
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Tropical Architecture Course, Syllabi and Rosters, 1986-1992	box 3	folder 4
Scope and Contents		
Includes syllabi for 1986 and 1988-1990 and 1992, and student rosters for 1986, 1987, 1989, and 1992; as well as accreditation questions. (20 items)		
<hr/>		
Tropical Architecture Course, Lecture Notes, 1960,1986-1992	box 3	folder 5
Scope and Contents		
Includes lecture notes, general notes and articles, and notes from his time at the Architectural Association School of Tropical Architecture (1960) which he referenced in his lectures.		
<hr/>		
Tropical Architecture Course, Lecture Notes 1986, 1986	box 3	folder 6
Scope and Contents		
Bound volume of lecture notes.		
<hr/>		
Tropical Architecture Course, Housing and Population Notes, 1986-1992	box 3	folder 7
Scope and Contents		
Includes lectures notes on world population and housing. Some were in a binder with a tab marked unused.		
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Tropical Architecture Course, Dollar-A-Day Assignment, 1986-1992	box 3	folder 8
Scope and Contents		
Includes assignment instructions, notes, and answers for Daniel Dunham's popular "dollar-a-day" assignment in which students were asked to live on basics.		
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Tropical Architecture Course, Other Assignments, 1986-1992	box 3	folder 9
Scope and Contents		
Includes weekly assignments, midterms, and finals. Included is the postcard image Daniel Dunham had students describe as part of their exams.		
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Correspondence and Course Proposal, 1986, 1989-1990	box 3	folder 10

Scope and Contents

Includes student correspondence regarding letters of recommendation and a proposal for a course on Designing for the Tropics (4 items)

Subseries 4: Yunnan Institute of Technology (Kunming, China)

Title/Description	Instances	
Lecture Notes, 1987	box 3	folder 11
Scope and Contents		
Includes lecture presentations and notes taken during lectures.		
Course Readings, 1987	box 3	folder 12
Scope and Contents		
Includes scanned articles.		
Assignments and Student Work, 1987	box 3	folder 13
Scope and Contents		
Includes student rosters, assignments, and student reports and exams.		
Correspondence, 1987-1996	box 3	folder 14
Scope and Contents		
Includes correspondence related to post acceptance, travel preparation and coordination, and student correspondence, most of which is related to letters of recommendation and job requests.(25 items)		
Mary Frances Dunham English Course and Identification Card, 1987	box 3	folder 15
Scope and Contents		
Includes letters written by Mary Frances Dunham to her successor and Co-Chairman Professor Zhu Liangwen related to student performance in the English course she taught in conjunction with her husband's courses on urban planning. Includes Daniel Dunham's Identification card. (8 items)		

Subseries 5: Other Activities

Title/Description	Instances	
Visiting Lecturer, 1973-1981	box 3	folder 16

Scope and Contents

Includes a bound volume of correspondence, article drafts, article clippings, notes, and sketches on guest lectures and workshops Daniel Dunham gave outside of his capacity as a professor. These include workshops for the New York State High School Teachers' Summer India Seminar at the South Asian Institute; lectures at: Carnegie Mellon on Bangladeshi housing, City College on Architecture outside the European Tradition, Hunter College on Planning and Developing Countries for Sigurd Grava, Barnard College on Muslim/Indian Architecture, and Princeton University on Housing and Planning in Bangladesh; as well as guest lectures at Columbia University's Oriental Studies department and a comparative urbanism class taught by Kenneth Jackson, for which Dunham spoke on Calcutta. Included are his notes for the International Training in Alternative Energy Technologies in Gainesville, Florida, and a tour Dunham gave to Indian ministers of New York City Housing Authority sites. Included is a draft of an essay on solar cooking. The volume is not organized chronologically or topically.

Correspondence, General, 1973-1983

box 3

folder 17

Scope and Contents

Includes correspondence related to letters of recommendation for peers and projects. One letter from R. N. Mukherjee requests Daniel Dunham serve as a thesis reader for a student in India. One letter from a Paul Quiterio discusses frustrations with academia and describes Daniel Dunham as the "foremost authority on developing Nations." (5 items)

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Series IV: Professional Papers**Scope and Contents**

Series IV is composed of Dunham's publications, workshops, and inventions, all of which are organized topically then chronologically. In the 1980s and 1990s, he attended a number of workshops on bamboo construction and solar energy in Myanmar and Thailand. Subseries 3 is concerned with his inventions related to solar energy and nocturnal radiation. Some of this work was conducted during his tenure at the School of Tropical Architecture (AA) and as a Fulbright Scholar. His research on solar cookers was carried out in partnership with John Duffie (the first director of the University of Wisconsin-Madison's Solar Energy Lab) and was funded by the Rockefeller Foundation. Daniel Farrington was a frequent collaborator and correspondent. Included are a patent, research articles, "hand-made" bound volumes of research, United Nations reports on alternative energy, sketches, photographs, and correspondence. Some of this work was conducted during Dunham's consultancies, such as the solar distillers in Mauritania. On a humorous note are sketches for a hot dog cooker that Dunham made with his family on beach trips.

Also present are regularly updated curricula vitae, which provide a thorough account of his various roles; as well as lists of his publications, consultancies, and built-works compiled by Mary Frances Dunham.

Subseries 1: Publications

Title/Description	Instances	
The Courtyard House as Temperature Regulator, 1960 Sep	box 3	folder 18
Scope and Contents		
Includes original copies of The New Scientist vol. 8, no. 199 in which the article appeared, a letter to the editor reply and response, and a draft. The article was the result of Daniel Dunham's research while at the School of Tropical Architecture as a Fulbright Scholar. (7 items)		
1950s Articles, 1957, 1959	box 3	folder 19
Scope and Contents		
Includes original copies of a United Nations publication, New Sources of Energy and Economic Development, and copies of an article on Harvard University's Architectural Construction Workshop, in which Daniel Dunham participated.		
1960s Articles, 1961-1966	box 3	folder 20
Scope and Contents		
Includes copies or originals of "Architecture-Buildings for Education" (1961); "Planning the School Building," with Mary Frances Dunham (Teacher's World, 1964); "The Development of Architecture in Dacca" (The Pakistan Engineer, 1963); "The Private Houses of Morocco" (Technical Journal, 1966); Dacca definition (Grolier, The American People's Encyclopedia, 1969). (8 items)		
1970s and 1990s Articles, 1970, 1979, 1992	box 3	folder 21
Scope and Contents		
Includes original copies of "The Ford Foundation" and sketches (The Calcutta, 1970); sketches for Asia (1974); Fresh Water from the Sun: Family-Sized Solar Still Technology (Office of Health United States Agency for International Development, 1978); and Book Review on Afghanistan: An Atlas of Indigenous Domestic Architecture. The Calcutta was targeted toward Indian audiences. (10 items)		
Subseries 2: Workshops		
Indo-U.S. Sub-commission on Education and Culture, 1984	box 4	folder 1

Scope and Contents

Includes correspondence, itinerary, and reimbursable expenses related to an Architecture Workshop held by the Indo-U.S. Sub-commission on Education and Culture that required travel between Washington, D.C., Charleston, Gainesville, Orlando, Cape Canavarel, and New York City. Other members included Columbia University professors and Indian architects and planners and favored site visits over seminars. (10 items)

International Bamboo Workshop (Chiangmai, Thailand), 1991	box 4	folder 2
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Scope and Contents

Includes itinerary, draft proposals, and paper draft. Daniel Dunham participated in the sixth session, Bamboo as Engineering Matter, and presented "Upgraded Bamboo as a Housing Material: The Step from Science to Shelter." The itinerary is marked with other presentations he was interested in. (9 items)

Burma (Myanmar) Solar Energy Seminar (Rangoon, Myanmar), 1999	box 4	folder 3
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Scope and Contents

Includes summary reports of trip to Burma (Myanmar) for a seminar to engineering students and Christian missionaries on solar cooking and alternative fuel sources. Included as well are his notes on Burmese use of bamboo and notes for travelers visiting the country. (6 items)

Subseries 3: Inventions and Research

Title/Description**Instances**

Patent, 1955-1958, 1962	box 4	folder 4
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Scope and Contents

Includes US Patent #181713, Solar Cooker, with John Duffie; photographs of invention, and correspondence with the United States Patent Office and manufacturers who rejected the product. Farrington, Duffie, and Dunham's research was funded by the Rockefeller Foundation. (15 item)

Nocturnal Radiation Research Notebook, 1960	box 4	folder 5
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Scope and Contents

Includes bound volume of notes, graphs, newspaper and article clippings, photographs, negatives, article

outlines, and bibliography cards for Daniel Dunham's research on radiation and solar energy in traditional Moroccan houses. (17 items)

Solar Energy Research Binder, circa 1960s-1970s	box 4	folder 6
Scope and Contents		
Includes numerous scholarly articles, reports, and newspaper clippings related to solar energy and solar cooking, as well as publications and manuals published by Volunteers in Technical Assistance (VITA) and a manual on solar cooking by Farrington Daniels.		
Solar Energy Research Articles, 1959-1964	box 4	folder 7
Scope and Contents		
Includes reports and articles on solar cookers and ovens by John Duffie and James Silverberg, both professors at the University of Wisconsin-Madison. Daniel Dunham contributed to John Duffie's research. (6 items)		
Direct Use of the Sun's Energy by Farrington Daniels, 1964	box 4	folder 8
Scope and Contents		
Inscribed book by Farrington Daniels who was director of the University of Wisconsin-Madison's Solar Energy Laboratory. Daniels collaborated with John Duffie, with whom Daniel Dunham worked on solar cookers and with whom he frequently corresponded.		
The New Yorker, Barry Commoner Articles, 1976, 1979	box 4	folder 9
Scope and Contents		
Includes originals of a three part article published in February 1976 and a stand-alone article from 1979, all by Barry Commoner published in The New Yorker on energy. (4 items)		
United Nations New Sources of Energy Proceedings of the Conference vol. 3, 1961	box 4	folder 10
Scope and Contents		
(1 item)		
United Nations New Sources of Energy Proceedings of the Conference vol. 5, 1961	box 4	folder 11

Scope and Contents

(1 item)

United Nations New Sources of Energy Proceedings of the Conference vol. 6, 1961	box 4	folder 12
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Scope and Contents

(1 item)

Solar Cooker Research Reports, Bangladesh, circa 1956-1975	box 4	folder 13
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Scope and Contents

Includes surveys, sketched charts and notes, and draft reports for research projects conducted in Bangladesh. (7 items)

Solar Cooker Research Photographs, Bangladesh and Mauritania, circa 1956-1965	box 4	folder 14
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Scope and Contents

Includes photographs and negatives for solar cooker research conducted in Bangladesh, likely with Catholic Relief, and solar tea cookers in Mauritania (118 items)

Solar Energy Research Correspondence, 1960-1975	box 4	folder 15
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Scope and Contents

Includes correspondence between Daniel Dunham, John Duffie, Farrington Daniels, and James Silverberg. (10 items)

Solar Cooking Field Study Proposal, Columbia University, 1974 Dec	box 4	folder 16
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Scope and Contents

Includes research project proposal for Solar Cooking Field Study for a duration of 18 months to determine the cultural, economic, and environmental consequences of using solar fuel for domestic cooking with two faculty and 2-4 students submitted to the Columbia University Center for Advanced Research in Urban and Environmental Affairs. Goal of project was to generate reports for the Bangladeshi government and aid organizations. (3 items)

Solar Hot Dog Cooker Sketches, circa 1960s	box 4	folder 17
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Scope and Contents

Includes sketches and calculations for a solar hot dog cooker. Katherine Dunham stated that the family used to take these to the beach.

Various Solar Energy Invention Sketches, 1959-1982 box 4 folder 18

Scope and Contents

Includes sketches and calculations for various solar cookers, boilers, distillers, ice boxes, and engines.

Solar Distillers Research Proposals, Columbia University and Volunteers in Technical Assistance (VITA), 1977-1979 box 4 folder 19

Scope and Contents

Included are two research proposals submitted to Columbia University in conjunction with Volunteers in Technical Assistance (VITA) to conduct research in a developing country on solar water distillers, as well as a draft report on the potential use of distillers in medical facilities. (5 items)

Solar Distillers Photographs and Sketches (Mauritania), circa 1970s box 4 folder 20

Scope and Contents

Included are photographs, sketches, and copies of sketches for a solar water distiller in Mauritania. Material is in English and French. (46 items)

Solar Distillers Correspondence, 1977-1979 box 4 folder 21

Scope and Contents

Included is correspondence coordinating the research proposal on solar distillers between faculty at Columbia University, members of Volunteers in Technical Assistance, and others interested in the medical use of solar distillers. (5 items)

Subseries 4: Curricula Vitae and General Correspondence

Title/Description**Instances**

Curricula Vitae, 1960-2000 box 5 folder 1

Scope and Contents

Included are resumes. In 2000, Mary Frances Dunham created a comprehensive curriculum vita. (42 items)

Lists of Publications, Consultancies, Built Works, and Teaching Experience, circa 1960-1990 box 5 folder 2

Scope and Contents

Included are addenda to curricula vitae: lists of publications, built-works, research, long-term consultancies, and teaching experience. (9 items)

Administrative Forms and Business Cards, circa 1977

box 5

folder 3

Scope and Contents

Included are business cards, United Nations personal history statements, and security investigation data sheet. (13 items)

Correspondence, General, 1981, 1985, 1995, 2000

box 5

folder 4

Scope and Contents

Included are various letters and one email related to recommendations, professional advice, and job opportunities. (4 items)

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Series V: Personal Papers**Scope and Contents**

Series V primarily consists of Dunham's student work, and includes seminar essays for his Master of Planning at Columbia University, his diplomas, and his application for the Wheelwright Prize. Subseries 2 is related to his doctoral dissertation on mess housing in Bangladesh, which he never completed. Present here are manuscripts, the surveys he conducted, binders of his research, and correspondence, primarily between a Mr. Abdul Hamid who conducted the surveys and a Mr. Marshall Bear who coordinated their relationship. Dunham's interest in mess housing among single male workers began during his time as a professor at EPUET. There are surveys and sketches conducted by his students as well as photographs related to mess housing.

Finally, general correspondence includes personal letters, the majority of which are with Bangladeshi acquaintances seeking advice for employment or travel to the United States. Correspondence also includes numerous letters Dunham wrote to manufacturers regarding defective products, from glue to calendars to pressure cookers.

Subseries 1: Student Work**Title/Description****Instances**

Diplomas, 1959, 1972

box 5

folder 5

Scope and Contents

Masters diplomas from Harvard and Columbia University.

Wheelwright Application, 1972 Mar - Jun

box 5

folder 6

Scope and Contents

Includes application formula, letters requesting recommendations, recommendation letters, and the final decision letter. The portfolio that accompanied this application is located in Series I: Architectural Works, Subseries 1: East Pakistan, File 1: Portfolio for Wheelwright Application. Letters of recommendation were written by Louis Berger, Shah Alam Zahiruddin, and B. N. Mukerje. (9 items)

Student Work, Masters of Planning, Columbia University, 1967-1968	box 5	folder 7
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Scope and Contents

Includes Daniel Dunham's term papers completed as part of his Masters in Planning coursework, such as essays on solar energy, rickshaws, housing patterns in Asia, and foreign assistance to developing nations. Five essays are bound together in two separate volumes. (7 items)

Subseries 2: Doctoral Dissertation, Columbia University

Title/Description**Instances**

Research Binders, 1974	box 5	folder 8
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Scope and Contents

Included are two bound volumes. One includes primarily articles, clippings, and statistics related to the dissertation research. The other includes drafts, research articles, and correspondence related to the surveys, which were carried out in the field by a Mr. Abdul Hamid. Survey correspondence also included a Mr. Marshall Bear who appeared to help coordinate the survey. (2 items)

Catalog Cards, circa 1968-1974	box 5	folder 9
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Scope and Contents

Annotated catalog cards related to research and bibliographies.

Research Surveys with Sketches, circa 1960-1974	box 5	folder 10
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Scope and Contents

Included are surveys of single-men mess housing with sketches of accommodations. Surveys appear to have been conducted by the East Pakistan (Bangladesh) University of Engineering and Technology Faculty of Architecture and Planning. Based on correspondence from Daniel Dunham's

time at EPUET/BUET, it is likely that students conducted these surveys and drafted the sketches.

Research Surveys, circa 1968-1974	box 5	folder 11
Scope and Contents		
<p>Included are survey formats and completed surveys of single-men living in mess housing. Surveys were bundled into A-1,A-2,B,C, and D collections. Based on letters found in his research binders, Mr. Abdul Hamid was responsible for conducting the surveys in Bangladesh while Daniel Dunham was in New York City, and coordination was conducted by Mr. Marshall Bear.</p>		
Photographs, circa 1960-1974	box 5	folder 12
Scope and Contents		
<p>Included are photographs and negatives of men, landscapes, and housing conditions. (17 items)</p>		
Miscellaneous Research and Correspondence, 1965-1974	box 5	folder 13
Scope and Contents		
<p>Included are charts, graphs, calculations, and maps related to single male population and mess housing. Also included is correspondence from Bob Mayers regarding Daniel Dunham's first inquiries into a PhD or Masters program at Columbia University and their application processes. A survey on Columbia University's PhD in Planning was also completed by Daniel Dunham and is included here, in which he expresses his opinions on the program.</p>		
Manuscripts, Abstracts, Outlines, circa 1968	box 5	folder 14
Scope and Contents		
<p>Included are a proposal, abstract, outline, and two draft manuscripts for Daniel Dunham's dissertation on "a study for the housing requirements for the 'non-family' households of urban renewal," which was titled "The 'Mess Dwellers' of Urbanized East Pakistan. Dunham never completed his PhD. (5 items)</p>		
Manuscript Binder, 1968-1974	box 5	folder 15
Scope and Contents		
<p>Included is a bound volume containing manuscripts, drafts, research clippings, survey questions, maps,</p>		

sketches, and other research material organized into outlines and sections of the dissertation.

Manuscript Binder, 1968-1974	box 5	folder 16
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Scope and Contents

Included is a bound volume containing manuscript, charts, photographs, survey questions and responses, and sketches.

Subseries 3: Miscellaneous Books and Correspondence

Title/Description	Instances	
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The Last Whole Earth Catalog, 1971	box 5	folder 17
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Scope and Contents

Included is a copy of the Last Whole Earth Catalog inscribed with a Christmas and New Year note from a Chris and Audre to Daniel and Mary Frances Dunham.

Correspondence, General, 1972-1993	box 5	folder 18
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Scope and Contents

Included are personal letters, the majority of which are with Bangladeshi acquaintances seeking advice for employment or travel to the United States. (8 items)

Correspondence, Defective Products, 1972-1998	box 6	folder 1
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Scope and Contents

Included are letters to manufacturers and companies related to defective products, ranging from calculators to pressure cookers to glue and calendars. (23 items)

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Series VI: Katherine D. Dunham research papers on mess housing

Scope and Contents

Series VI are Katherine D. Dunham's papers related to her Master of Planning thesis on mess housing, which was a continuation of her father's research. It includes her field notebooks, sketches and maps of mess housing, research material, and surveys similar to those conducted by her father. Katherine's thesis was concerned with female workers' housing, but the surveys present here almost entirely report on males.

Title/Description	Instances	
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Notebooks, 1991, 1993-1994		
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Scope and Contents	box 6	folder 2
Includes Katherine Dunham's notebooks on field research in Bangladesh for her dissertation. (4 items)		
Surveys, 1994	box 6	folder 3
Scope and Contents		
Included are surveys of single-men living in mess houses. Surveys include sketches of the messes. The survey is based on Daniel Dunham's previous research into mess housing, and according to Katherine Dunham, she considered her work an extension of his. Whereas her father had focused on single male housing, Katherine Dunham stated her research, part of her Fulbright, focused on female housing, though surveys of females are not present here.		
Sketches and Maps, circa 1994	box 6	folder 4
Scope and Contents		
Included are maps of Dhaka with annotations locating messes and architectural sketches of mess housing.		
Research Material, circa 1994	box 6	folder 5
Scope and Contents		
Included are research materials on female housing in Bangladesh, including excerpts from Rosaline Costa, a book No Better Option? Industrial women Workers in Bangladesh by Hameeda Hossain, Roushan Jahan, and Salma Sobhan. (4 items)		

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