

# Margiott, Paul fuel cell history collection

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Friends of Wood Memorial Library and Museum

783 Main Street

P.O. Box 131

South Windsor, CT 06074

Business Number: 860-289-1783

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URL: <https://woodmemoriallibrary.org/>

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## Summary Information

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<b>Repository:</b>	Friends of Wood Memorial Library and Museum
<b>Creator:</b>	Margiott, Paul
<b>Title:</b>	Paul Margiott fuel cell history collection
<b>ID:</b>	2022.17
<b>ID [aspace_uri]:</b>	/repositories/21/resources/984
<b>Date [inclusive]:</b>	1960-2018
<b>Physical Description:</b>	3 Linear Feet
<b>Language of the Material:</b>	English .
<b>Abstract:</b>	The Paul Margiott fuel cell history collection, 1960-2018, documents the creation and production of fuel cells by the United Technologies Corp. (UTC) Fuel Cell division, as well as the fuel cell industry more generally, both in the United States and abroad. The records consist of internal memoranda, newsletters, photographs, magazines and press clippings, promotional materials, product manuals, a fuel cell cutaway and presentation folio, and oversize items.

### Preferred Citation

[Identification of item], Paul Margiott fuel cell history collection (2022.17), Wood Memorial Library and Museum, South Windsor, CT.

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## Biographical / Historical

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Pratt & Whitney Aircraft first became interested in fuel cell technology in 1958. The company developed its first experimental fuel cell in about 1960 and secured a contract from NASA in 1961. In 1964, Pratt undertook development work in a facility in South Windsor, CT. Becoming a unit under corporate parent United Technologies Corp. (UTC), the fuel cell division (known by many names including Power Systems Division, International Fuel Cells (ITC), UTC Fuel Cells, and UTC Power) pioneered the development and production of a range

of fuel cells. They were used on NASA's Gemini, Apollo, and Space Shuttle programs, and in a variety of non-space applications. UTC sold its fuel cell operation to ClearEdge in 2013. Doosan Corp., a South Korean firm, acquired it in 2014.

Paul Margiott, a long-time fuel cell division engineer and patent holder, assembled the collection.

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## Scope and Contents

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The Paul Margiott fuel cell history collection, 1960-2018, documents the creation and production of fuel cells by the United Technologies Corp. (UTC) Fuel Cell division, known by many names including Power Systems Division, International Fuel Cells (ITC), UTC Fuel Cells, and UTC Power. The collection also documents the fuel cell industry more generally, both in the United States and abroad.

The records consist of internal memoranda, newsletters, photographs, magazines and press clippings, promotional materials, application guides, a fuel cell cutaway and presentation folio, and oversize items.

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## Administrative Information

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### Publication Statement

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### Conditions Governing Access

There is no restriction on access to the collection for research use. Particularly fragile items may be restricted for preservation purposes.

## Conditions Governing Use

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## Controlled Access Headings

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- South Windsor (Conn.)
- United Technologies Corporation. Fuel Cell Operations
- United Technologies Corporation. Power Systems Division. Fuel Cell Operations
- United Technologies Corporation--History
- International Fuel Cells Corporation
- United Aircraft Corporation. Pratt & Whitney Aircraft Division
- Fuel cell industry
- Fuel cell industry--Connecticut
- Fuel cell industry--Periodicals
- Manuals (instructional materials)
- Photographs

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## Collection Inventory

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Title/Description	Instances
Collection overview, by Paul Margiott, 2018	box folder 1 Margiott 1

### Series 1. United Technologies Corporation Fuel Cell division, 1960-2010

#### Subseries 1.1. Internal agendas, 1970

Title/Description	Instances
Target the Future: Gas Industry Fuel Cell Program (Pratt & Whitney), 1970	box Margiott A3

#### Subseries 1.2. Manuals, 2001-2005

Title/Description	Instances
PC25 Power Plant Design and Application Guide: Rev. A and B, 2001	box folder 2 Margiott 1

PureCell Power Plant Model 200: Product Data and Application Guide, 2005	box Margiott 1	folder 3
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### Subseries 1.3. Promotional materials, 1990-2010

Title/Description	Instances	
1 of 3, 1990-2010	box Margiott 1	folder 4
2 of 3, 1990-2010	box Margiott 1	folder 5
3 of 3, 1990-2010	box Margiott 1	folder 6

### Subseries 1.4. Photographs, 1960-2010

Title/Description	Instances	
Marketing, 1960-1975	box Margiott 1	folder 7
Other, 1970-2000	box Margiott 1	folder 8
Patent awards, 2002-2010		
2002 Jun 17	box Margiott 1	folder 9
2009	box Margiott 1	folder 10
Mixed years, Circa 2000-2010	box Margiott 1	folder 11
Duplicates, Circa 2000-2010	box Margiott 1	folder 12

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### Series 2. Fuel cell history, 1960-2015

Title/Description	Instances	
Early items, histories, newsletters (1 of 2), 1960-2006	box Margiott 2	folder 1
Early items, histories, newsletters (2 of 2), 1960-2006	box Margiott 2	folder 2
PowerPlant magazine (Prat & Whitney) fuel cell articles, and three additional magazines, 1960-1987	box Margiott 2	folder 3
Magazines and non-UTC items with fuel cell content (1 of 3), 1962-2015	box Margiott 2	folder 4

Magazines and non-UTC items with fuel cell content (2 of 3), 1962-2015	box Margiott 2	folder 5
Magazines and non-UTC items with fuel cell content (3 of 3), 1962-2015	box Margiott 2	folder 6

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### Series 3. Oversize materials

Title/Description	Instances
Oversize materials	

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