

**Dr. MATTHEW A. GREENHOUSE**

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**Flight Mission Posts:**

Current:

JWST Senior Staff -- Project Scientist for the JWST science instrument payload (since 2000)

Prior:

JWST: Deputy Project Scientist (1997 – 2000)

ISO (Infrared Space Observatory): Long Wavelength Spectrometer flight instrument team

SIRTF (now Spitzer): Community Task Force – Legacy Science Program (Chair)

SOFIA: Independent Annual Review Board (Co-Chair)

**Current Technology Development:**

Principle Investigator -- Scalable Microshutter Systems for UV, Visible, and Infrared Spectroscopy (2018 [SAT](#))

**Current Mission Concept Studies:**

Co-Investigator – WFIRST Starshade Rendezvous Mission probe

**Current Science Community Service:**

[NASA In-Space Assembled Telescope \(iSAT\) Study](#): steering committee

[The Space Astrophysics Landscape for the 2020s and Beyond](#): science organizing committee

**Former Science Community Service (partial list):**

[SOFIA Users](#) Group Chair (2015-18), COPAG Executive Committee (2016-18), [Star Shade Resdiness Working Group](#), NSF Committee of Visitors (2005), SOFIA Science Steering Committee (1997-2003), Spitzer Science Users Panel (1998-2002), Co-Chair: SOFIA Independent Annual Review Board (2000-2002), SOFIA Interium Management Review Board (2001), Spitzer Science Users Panel (1998-2002), NASA HQ Astrophysics Working Group (1997-99). Dr Greenhouse has served as board member on numerous NASA flight mission Key Decision Point review boards for HST instrumentation and servicing, Spitzer and SOFIA TAC, and other agency review boards for flight and ground-based projects.

**Education:**

2012, Certificate in Public Leadership, Brookings Institution

1989, Ph.D. Physics, University of Wyoming

1979, B.S. Geoscience, University of Arizona

Dr Greenhouse's post-graduate professional training includes completion of more than 25 courses in technical management, public leadership, and aerospace engineering from the Brookings Institution, the University of California Los Angeles, and the NASA Academy of Program/Project & Engineering Leadership, and the Federal Executive Institute.

**Employment:**

Dr Greenhouse has more than 30 years of experience in astronomical infrared instrument development.

1996 – Present:	Astrophysicist (Federal Civil Service) NASA GSFC
1989 – 1996	Astrophysicist (Federal Civil Service) Smithsonian Institution
1983 – 1989	Research Assistant, Wyoming Infrared Observatory, Univ. Wyoming
1979 -- 1983	Senior Technician, Steward Observatory, University of Arizona

**Honors & Awards:**

Dr Greenhouse is the recipient of: the NASA Exceptional Achievement Medal, the Robert H. Goddard award for Exceptional Achievement in Science, and more than 25 other individual performance awards.

**Publications:**

More than 100 publications available at: [http://www.researchgate.net/profile/Matthew\\_Greenhouse/publications/](http://www.researchgate.net/profile/Matthew_Greenhouse/publications/)

**Personal Data:** Born 1955, US Citizen: <http://www.jwst.nasa.gov/meet-greenhouse.html>