

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)

SOFIA: HIRMES Principle Investigator

Current Mission Concept Studies:

Principle Investigator – Planetary Origins and Evolution Multispectral Monochrometer

Co-Investigator – [In-Space Servicing and Assembly](#)

Co-Investigator – [Starshade Rendezvous Mission](#)

Current Technology Development:

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

Current Science Community Service:

Former Science Community Service (partial list):

iSAT Steering Committee (2018-19), SOFIA Users Group Chair (2015-17), SOFIA International Summit (2017-18), COPAG Executive Committee (2016 – 18), 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 Interim Management Review Board (2001), Spitzer Science Users Panel (1998-2002), NASA HQ Astrophysics Working Group (1997-99).

Education:

2019 Certificate in Policy Strategy, Brookings Institution

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 20 other individual performance awards.

Publications:

More than 100 publications available at: http://www.researchgate.net/profile/Matthew_Greenhouse/publications/

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