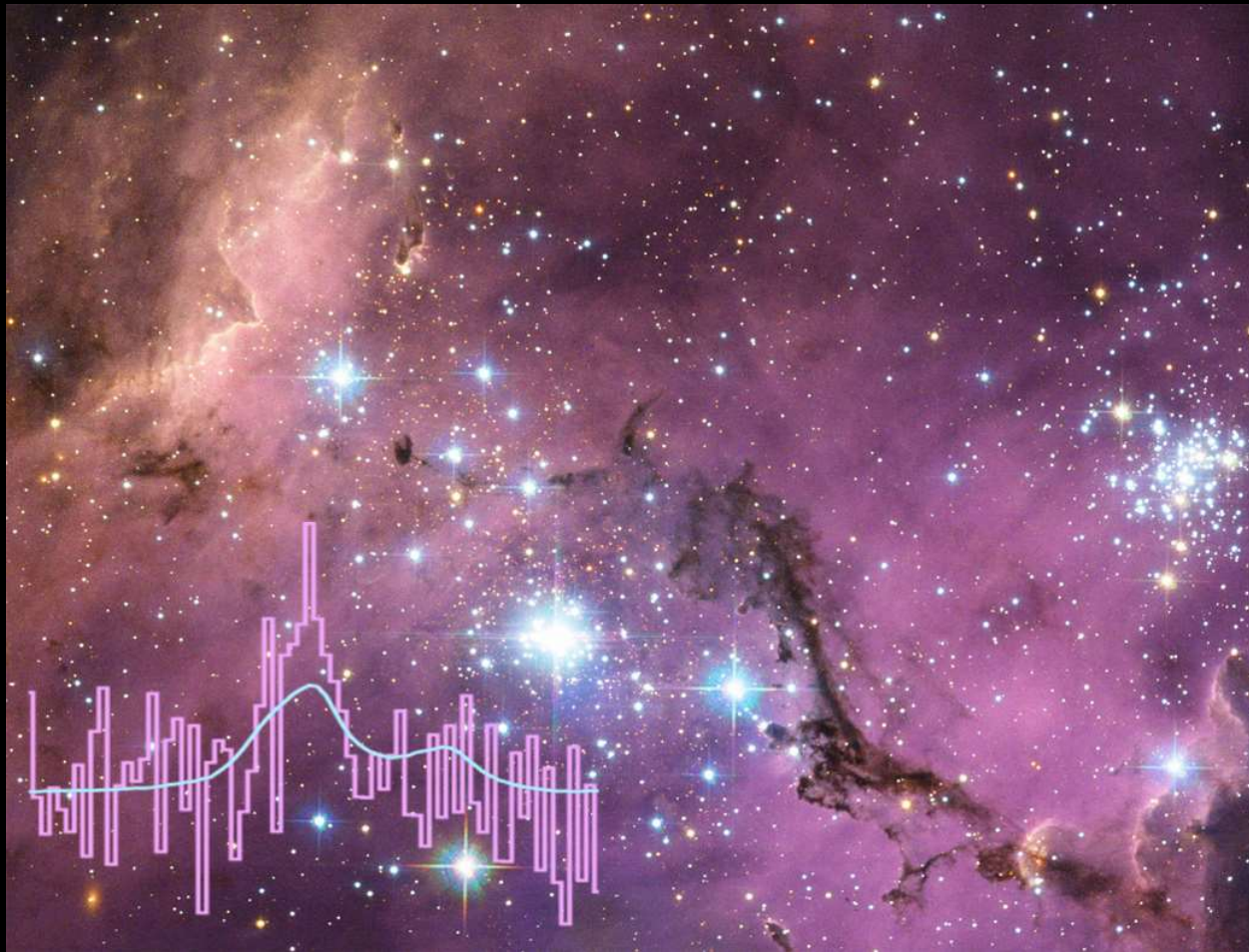


# Community Engagement Plan

Jim Jackson

SOFIA SUG



# Goal for FY21: To grow and diversify the SOFIA community

SOFIA plans to grow its community

- the number of proposers
- the number of distinct authors on SOFIA papers
- the size and diversity of its Legacy teams
- the number of attendees at SOFIA science events

Target: We aim to achieve a steady growth of ~20% per year.

# Initiatives:

## Host 4 Virtual Science Workshops Annually

- Target scientific communities that SOFIA wishes to grow, e.g., to establish synergies with other observatories and other wavelengths. Examples include:
  - Composition of moons, comets, asteroids, and dust
  - Magnetic fields in filamentary clouds
  - Spiral structure in galaxies
  - The evolution of post main sequence stars
- Hold joint workshops with targeted observatories (e.g., ALMA, HST...)
- Hold a focused workshop upon completion of every Legacy program to highlight early results and promote archival use

# First SOFIA Virtual Workshop

- Rock, Dust and Ice:  
Interpreting Planetary Data
- March 23-26, 2021
- Interpreting observations of  
solids in and around the Solar  
System across all wavelengths

<https://sofia.usra.edu/science/meetings-and-events/events/rock-dust-and-ice-interpreting-planetary-data>



# Initiatives:

## Host a Large SOFIA Science Conference

- “Asilomar” style conference focused on SOFIA science
- Topic "Galactic Ecosystems"
- Planned for early 2022

# Initiatives: Train our users

- Conduct a Far-Infrared “Summer School” in summer 2021

# Initiatives:

## Establish better partnerships with other observatories

- Joint call for proposals
  - Already established with Green Bank Observatory
  - Exploring options with IRTF, SMA, APEX
- Joint scientific workshops
- Strategic joint scientific programs
  - Pilot program with joint HST/SOFIA science underway

# Initiatives: Improve Archival Research Productivity

- Promote and advertise SOFIA's data archive
- Fund archival programs, especially those using Legacy program data
  - Archival Call for Proposals issued, due date 12 February 2021