



National Aeronautics and Space  
Administration  
Jet Propulsion Laboratory  
California Institute of Technology



NASA Exoplanet Science Institute

# Sagan Summer Workshop Wrap Up

Dr. Dawn Gelino

24 July 2009



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[ Survey Time ]



# Mission Group Project Winners!



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- Most Ambitious/Most Glass(Best use of Greek Gods/Goddesses): Ground-based
- Most detailed instrument design/Least risk/Most ready to go (Best Slogan): Combined light
- Best optics and spacecraft specifications (Best use of Sagan Name): Coronagraph
- Most Expensive but Only Mission to Detect Earth Atmospheres (Best Team Uniform): Interferometry
- Least Glass/Most Pixels/Biggest Sample (Paparazzi Prize for most cameras): Transits

**Thanks to all proponents and participants!**



# What Have We Covered?

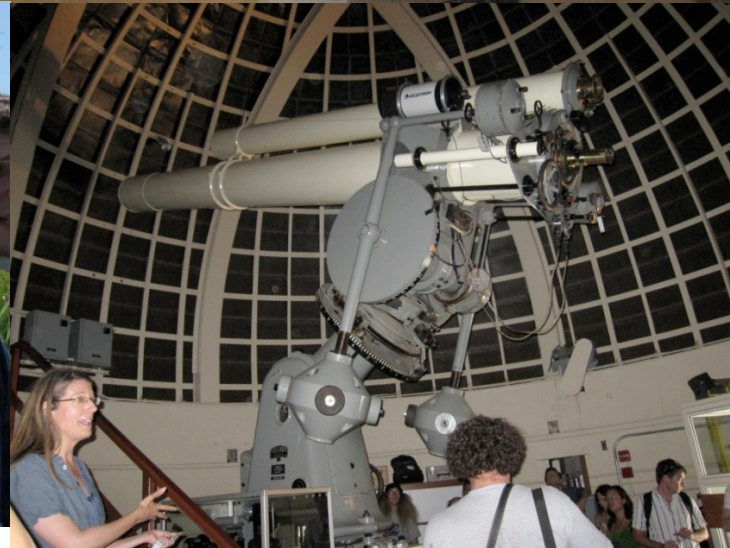


- Inaugural Sagan Summer Workshop!
- Exoplanetary Atmospheres
  - Basics of Solar System planets and Exoplanets
  - Theory of Planetary Atmospheres
  - What Have We Learned from Data?
  - Observational Techniques
  - Connecting Exoplanets to Planetary Sciences
  - Current and Future Observational Opportunities and Challenges
- This is a very exciting time and there are various opportunities to get into the game
  - It is NOT easy!
  - Don't forget to de-trend your data!
  - Don't take anything for granted!

# Griffith Observatory Tour



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# The Banquet



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# Many Thanks...



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- Chas Beichman (NExSci)
- Dawn Gelino (NExSci)
- Glenn Orton (JPL)
- Sara Seager (MIT)
- Mark Swain (JPL)
- Wes Traub (JPL)

...to the SOC for a great  
agenda...





...to those behind the scenes...



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- Ellen O’Leary
- Kathy Golden
- Helga Mycroft
- Irene Loera
- Helene Seibly
  
- Alex Hui
- Isaac Gutierrez



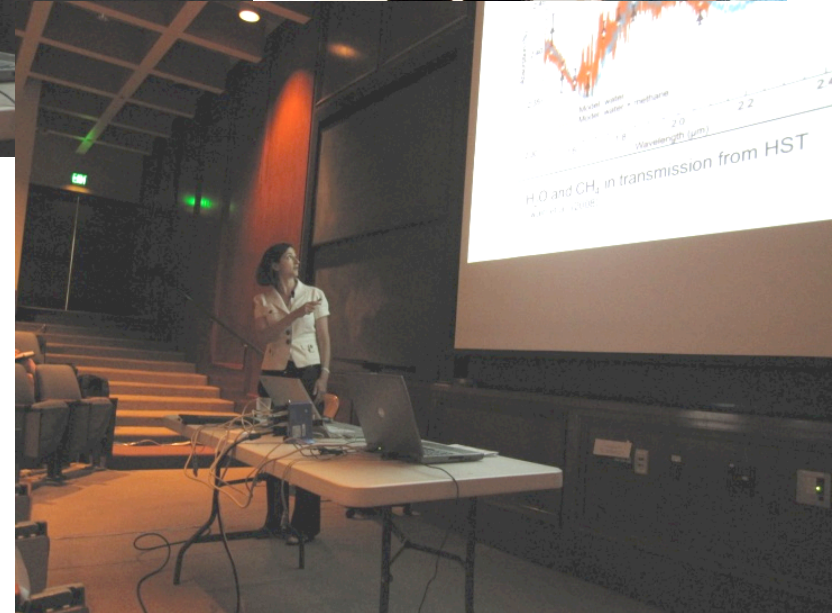


# ...and to our Speakers!



- All updated talks will be posted on-line before the end of next week

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# Travel Reimbursement



- Travel Reports are to be mailed in *AFTER* your return home:

ATTN: ‘Your Travel Contact’  
Caltech –IPAC, MS 100-22  
770 S. Wilson Ave.  
Pasadena, CA 91125

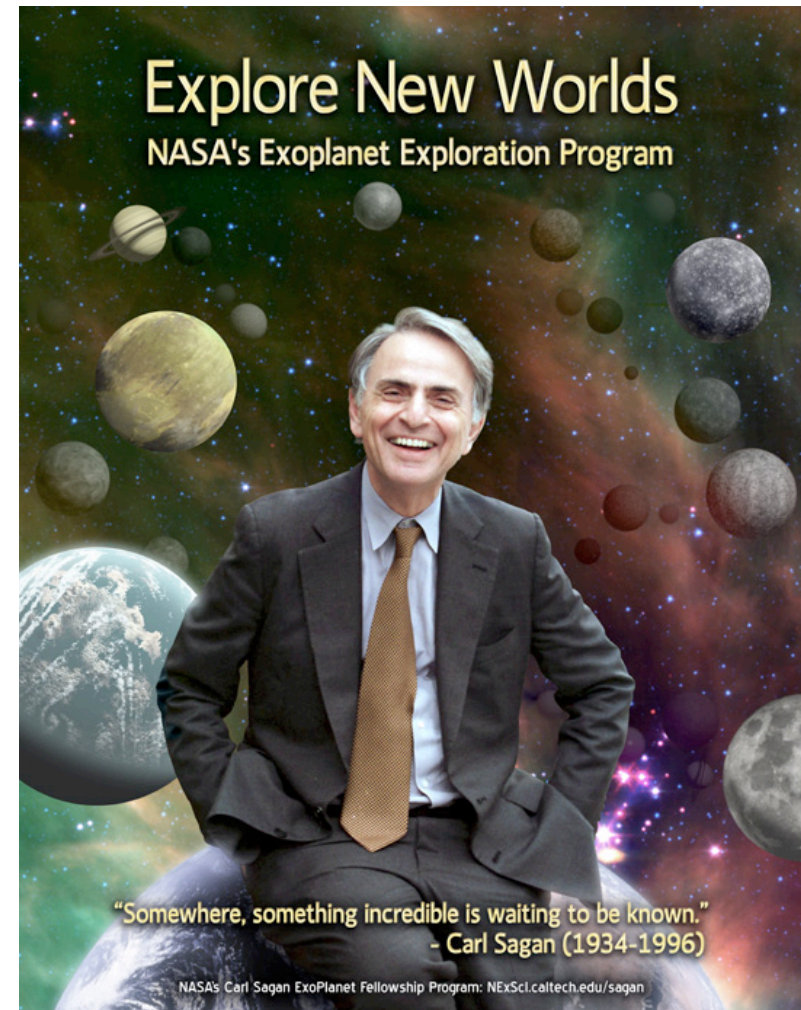
- Travel Reports **must** include:
  - Completed reimbursement form (included in guidelines)
  - Original receipts (no meal receipts required)
  - Working FAX number

# Sagan/Michelson Fellowship Symposium



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- Last symposium held in 2005
- Previous and current Michelson and Sagan Fellows will discuss their research
- November 11 & 12, 2009
- Here at Beckman Institute Auditorium, Caltech campus





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# The Class of 2009!



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*We hope to see you at next year's workshop!*