

Henry H. Hsieh

CONTACT INFORMATION	Planetary Science Institute 1700 E. Fort Lowell Rd., Suite 106 Tucson, Arizona 85719-2395, USA	Tel: +1-808-729-4208 Fax: +1-520-622-8060 E-mail: hhsieh@psi.edu
CITIZENSHIP	United States of America	
RESEARCH INTERESTS	Observational studies of comets and asteroids, main-belt comets, active asteroids, astrobiology, comet-asteroid interrelations, wide-field surveys, numerical dynamical integrations	
EDUCATION	University of Hawaii , Honolulu, Hawaii, USA Ph.D., Astronomy, Apr 2007; M.S., Oct 2003 Harvard University , Cambridge, Massachusetts, USA A.B., Astronomy & Astrophysics, Jun 2000	
HONORS AND AWARDS	NASA Planetary Science Early Career Fellowship, 2014 Hubble Postdoctoral Fellowship, 2010 - 2013 Science and Technology Facilities Council (STFC) Postdoctoral Fellowship, 2008 - 2010 Asteroid 17857 named "Hsieh", 2005	
ACADEMIC POSITIONS	Planetary Science Institute , Tucson, Arizona, USA Senior Scientist Research Scientist	Apr 2017 - present Jan 2015 - Apr 2017
	Academia Sinica Institute of Astronomy & Astrophysics , Taipei, Taiwan Visiting Scholar Assistant Research Fellow	Nov 2015 - present Sep 2013 - Oct 2015
	University of Hawaii , Honolulu, Hawaii, USA Hubble Postdoctoral Fellow Graduate Research Assistant	Sep 2010 - Aug 2013 Jul 2002 - Apr 2007
	Queen's University Belfast , Belfast, Northern Ireland, United Kingdom Science and Technology Facilities Council (STFC) Postdoctoral Fellow Postdoctoral Research Associate	Oct 2008 - Aug 2010 May 2007 - Sep 2008
	Harvard University , Cambridge, Massachusetts, USA Research Assistant, Antarctic Submillimeter Telescope (AST/RO)	Jul 1998 - Aug 2000
ACADEMIC EXPERIENCE & SERVICE	Professional Memberships American Astronomical Society, International Astronomical Union Teaching/Advising PhD Committee Member, Colin Chandler, Northern Arizona University (2021-2022) Student mentor, ASIAA Summer Student Program (2015, 2016) Staff Member, University of Hawaii Astrobiology Winter School (2011) Mentor, Hawaii Student-Teacher Astronomy Research (HI-STAR) summer program (2011, 2012) Mentor, Research Experience for Undergraduates (REU) summer program (2011) Substitute Lecturer, Level 2 Physics 2083: Astronomy, Queen's University Belfast (Fall 2008) Staff Member, TOPS summer student workshops (2002, 2003) Substitute Lecturer, Astronomy 110, University of Hawaii (Spring 2002) Rubin Observatory / Legacy Survey of Space and Time (LSST) Member, Science Advisory Committee (2023 - present) Lead, Solar System Science Collaboration (SSSC) Active Objects working group (2023 - present) Lead, SSSC Community Software and Infrastructure Development working group (2017-2023) Member, LSSTC-Science Collaborations Advisory Committee (2019-2023) SSSC International In-Kind Contribution Point of Contact (2017-2023) Member, Community Science Center working group (2017) Member, Optical-Infrared Needs in the LSST Era working group (2016)	

Other Service/Experience

Reviewer: *Astron. & Astrophys.*, *Astrophys. Journal*, *Icarus*, *Mon. Notices Royal Astron. Soc.*,
Nature, *Planetary Sci. Journal*, NASA Planetary Data System
Review Panels: Univ. of Hawaii Time Allocation Committee (TAC) (2005, 2012, 2013); NASA
Infrared Telescope Facility TAC (2016-2018); *Spitzer Space Telescope* TAC; NASA Keck
TAC; NASA ROSES research grant panels (2017-2021)
External Reviewer: NASA ROSES research grant programs, Subaru Telescope TAC, Canada-
France-Hawaii Telescope TAC, *Hubble Space Telescope* DDT program, Liverpool Telescope TAC
Media Appearances: *BBC Horizon*, *NPR: All Things Considered*, *KGMB News*
Co-convener, 2012 AOGS-AGU (WPGM) Joint Assembly, “Small Solar System Bodies” session
WFIRST solar system working group member, 2018
NASA Planetary Data Ecosystem Independent Review Board member, 2020-2021
Small Bodies Assessment Group (SBAG) Steering Committee member, 2021 - present
2017 Asteroids Comets Meteors (ACM) Symposium Scientific Organizing Committee member
Invited Contributor: *Nature*, *Astronomy Magazine*, *Oxford Research Encyclopedias*
Observing Experience: $\gg 300$ nights (imaging and spectroscopy) on 1-10m telescopes
Experience in C and python coding

STUDENT ADVISEES

Eric MacLennan (summer REU student), Northern Arizona Univ., Flagstaff, Arizona - 2011
Sophie Bender (HI-STAR student), Niu Valley Middle School, Honolulu, Hawaii - 2011
- Semifinalist, 2012 Broadcom MASTERS national science fair competition
Sherry Kang-Shian Pan (PhD student), National Central Univ., Jhongli, Taiwan - 2014-present
Emory Chesley (2011 HI-STAR student), Monrovia High School, Monrovia, California
Jareth DeAsis (2011, 2012 HI-STAR student), Mililani High School, Mililani, Hawaii