

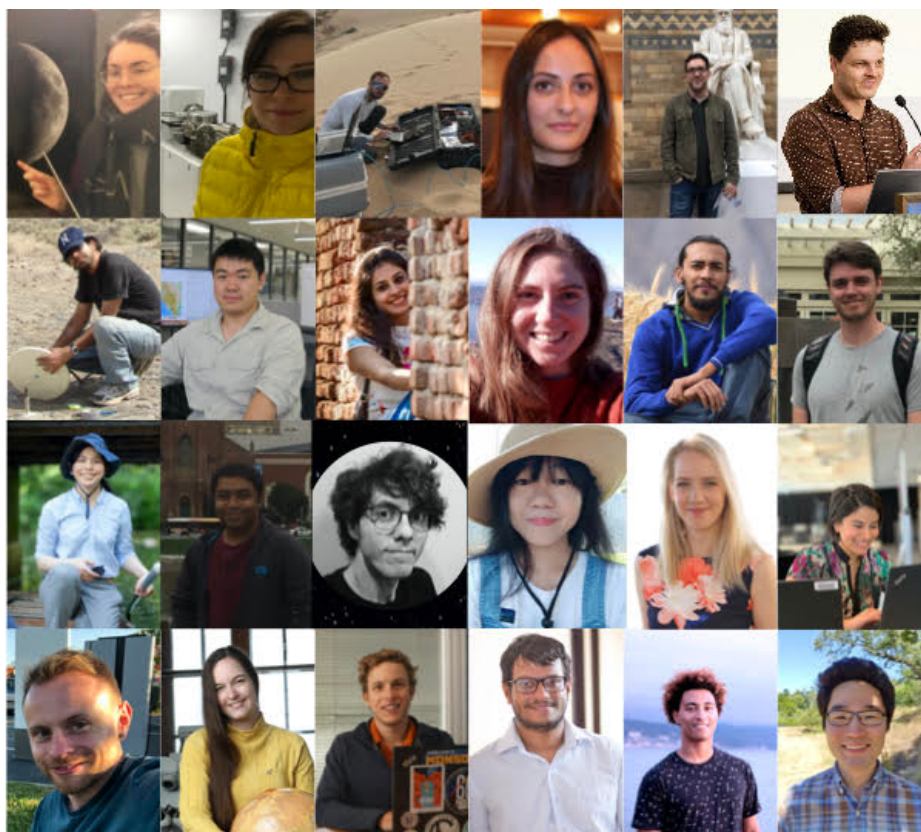
**INSIGHTSEERS: EARLY CAREER OPPORTUNITY TO OBSERVE THE INSIGHT SCIENCE TEAM AT WORK.** I. J. Daubar<sup>1</sup>, S. Stanley<sup>2</sup>, J. Irving<sup>3</sup>, A. G. Marusiak<sup>4</sup>, P. Morgan<sup>5</sup>, B. Fernando<sup>6</sup>, A. Mittelholz<sup>7</sup>, M. P. Golombek<sup>4</sup>, C. L. Johnson<sup>8,9</sup>, C. Newman<sup>10</sup>, M. Baker<sup>11</sup>, C. Beghein<sup>12</sup>, E. Bozdogan<sup>5</sup>. <sup>1</sup>Brown University, RI, USA ([ingrid\\_daubar@brown.edu](mailto:ingrid_daubar@brown.edu)). <sup>2</sup>Applied Physics Lab, Johns Hopkins University, MD, USA. <sup>3</sup>University of Bristol, UK. <sup>4</sup>Jet Propulsion Laboratory, California Institute of Technology, CA, USA. <sup>5</sup>Colorado School of Mines, CO, USA. <sup>6</sup>University of Oxford, UK. <sup>7</sup>ETH Zurich, Switzerland. <sup>8</sup>Planetary Science Institute, AZ, USA. <sup>9</sup>University of British Columbia, Canada. <sup>10</sup>Aeolis Research, AZ, USA. <sup>11</sup>John Hopkins University, MD, USA. <sup>12</sup>UCLA, CA, USA.

**Introduction:** The InSight mission is currently exploring the interior and surface of Mars [1]. The team is also exploring ways to expand and diversify team access and professional development opportunities for early career scientists. To these ends, we instituted the InSightSeer program. InSightSeers are early-career researchers who are invited to observe one of our science team meetings, which are normally restricted to science team members and affiliates only. The goals of the program are to expose senior graduate students and postdocs to the experience of working on an interplanetary mission team, provide insight into the work and team dynamics that take place on missions, offer networking opportunities with experienced mission scientists, and help early career scientists make informed decisions about their career paths. This was modeled on pilot “Observer” programs conducted by other missions such as Europa Clipper, Dragonfly, and Psyche. The program works closely with the InSight Diversity

and Inclusion Working Group (DIWG) [2], a subgroup of the science team, to support inclusivity and encourage diversity in the field. It is a goal of this program to provide opportunities to and increase participation from groups that are traditionally underrepresented in planetary science missions.

**Recruitment and selection:** The opportunity is advertised widely and internationally in social media and newsletters, with targeted recruitment at US minority-serving institutions. The program aims to select early career scientists who could potentially benefit the most from this opportunity, while increasing diversity in terms of their backgrounds, nationalities, and institutions. Applications were reviewed by a committee of InSight science team members and assessed via a rubric based on the goals of the program.

We have now hosted three rounds of InSightSeers for a total of 49 participants (Fig. 1) from numerous institutions in over a dozen countries. This includes



*Fig. 1: InSightSeers who observed the 21<sup>st</sup> InSight science team meeting.*

*During the meeting:* InSightSeers are encouraged to attend the entire meeting remotely, just like members of the science team. We introduce them at the beginning with brief biographies. During the week of the meeting, InSightSeers have access to the team Slack workspace and a virtual poster and meeting area to ask questions and participate in breakout discussions. Mentors are in contact through the week. InSightSeers are encouraged to ask questions on Slack or

**Future plans:** We continue to gather feedback to improve the program. We hope to obtain funding to expand this program to in-person participation for a more effective experience.

**References:** [1] W.B. Banerdt *et al.* (2020) *Nat. Geosci.* **13**, 183–189. [2] A. Marusiak *et al.* (2022) LPSC, this conference.



**Fig. 2.** Word cloud of feedback received from InSightSeers after their experience observing an InSight science team meeting. (Made with wordclouds.com)