

GPI 2.0 Campaign Call for Members

This is an open invitation to apply for membership in the Gemini Planet Imager (GPI) 2.0 Campaign collaboration using [this application form](#).

GPI 2.0 is an upgrade to the original Gemini Planet Imager instrument, as part of its relocation to Gemini North. Upgrades include an EMCCD-based pyramid wavefront sensor and new apodized-pupil Lyot coronagraphs (further details available in [Chilcote et al. 2020](#)), resulting in improved contrasts at close inner working angles and improved performance on fainter target stars. The collaboration will plan and execute:

- up to 40 hours of science verification observations
- a ~150 hour survey of disks and exoplanets orbiting young (< 5 Myr) stars
- a ~100 hour search for low-mass or low-entropy planets around older stars (10-300 Myr), plus deep characterization of known systems.

Collaboration membership provides access to GPI 2.0 scientific activities, including proprietary information, and the ability to propose targets for GPI 2.0 surveys. Community members, including members of the GPI 2.0 collaboration, will also be able to propose for Gemini Large and Long Programs (LLPs) to conduct additional science investigations with the upgraded instrument. Membership does not include funding. Previous members of the original GPI collaboration who want to be a part of GPI 2.0 activities should also fill out this application (selecting “yes” to the question about continuing members will re-direct to an abridged form).

Timeline

The deadline for the first round of applications is **March 15, 2026**.

First-round applicants will be notified around mid-April 2026, and will be incorporated into subsequent meetings/telecons. Accepted new members will also be invited to the Summer 2026 GPI 2.0 Team Meeting in person (date and location TBD). After the initial deadline and selection, the GPI 2.0 membership application will remain open and submissions will be reviewed on a rolling basis. If you are interested in attending the meeting, we highly encourage you to meet the first round deadline.

Who can participate?

The GPI 2.0 collaboration is open to applications from researchers in all countries, and particularly encourages researchers from Gemini partner countries (USA, Canada, Brazil, Argentina, Korea) to apply. Faculty, permanent researchers, and postdoctoral researchers are eligible for full membership and are welcome to fill out this application. Full members will also be able to sponsor graduate and undergraduate researchers for the GPI 2.0 team at a later date.

Selection

GPI 2.0 collaboration membership will be voted on by the GPI 2.0 Executive Committee (EC). Applications will be reviewed with consideration of: the level of proposed contribution to the collaboration, the applicant’s relevant skills and expertise, demonstrated interest in the GPI 2.0 project, and potential for productive collaboration. Substantial contributions to the project can take many forms, including but not limited to:

- Leadership, mentorship, project management
- Grant writing and funding support
- Survey target selection and observation preparation
- Executing observations
- Data analysis and interpretation
- Instrumentation / hardware support
- Commissioning work
- Data processing pipeline support
- Relevant theoretical work
- Generating ideas and writing additional observing proposals

Authorship, Publications, and Data Rights

Authorship and data policies will be described in detail in the GPI 2.0 Collaboration Agreement, which is currently being finalized. All accepted applicants will have an opportunity to review it before agreeing to GPI 2.0 science team membership. Central policies will include:

- Certain proprietary data may not be shared outside of the collaboration; joining the team provides access to these data.
- Authorship on early papers from the instrument (e.g., instrument commissioning, core survey) will be determined by the EC, with preference given to major contributors from the instrument team and collaboration leadership.
- Co-authorship on papers presenting new results from the GPI 2.0 campaign includes an opt-out “builder’s list” and an opt-in list, where papers are announced to the collaboration and all GPI 2.0 members are offered the opportunity to identify themselves as co-authors.
- New results will be coordinated and communicated amongst teams in the collaboration to ensure authorship is reasonably distributed and to prevent conflicts.

Conflicts of Interest

GPI 2.0 collaboration members must disclose conflicts of interest to the GPI 2.0 EC. The application form does ask for this disclosure; we want to anticipate and avoid conflicts before the survey begins. In general, participation in a survey with similar scientific goals and facilities is a conflict of interest. The EC has the authority to manage conflicts of interest, including restriction of confidential elements of the GPI 2.0 target list and data. The EC will coordinate these policies with the leaders of competing programs. If a member is unable to agree to these terms due to the rules of the competing program they must recuse themselves from a larger portion of the GPI 2.0 program, with the exact terms to be negotiated with the EC. (For example, a planetary atmospheres theorist could work with both GPIES and another survey, but would not have access to any GPIES target lists or raw data; instead, they would be contacted for modeling of individual objects on an as-needed basis.)

If you are interested in joining the collaboration, please [fill out this form](#). If you have any questions, please email gpi2ec@amherst.edu with “GPI 2.0 Collaboration Membership” in the subject line.

Sincerely,

The GPI 2.0 Executive Committee

Quinn Konopacky and Kate Follette (Project Scientists), Jeff Chilcote (Instrument Upgrade PI), Dmitry Savransky, Bruce Macintosh, Jason Wang, Briley Lewis, Paul Kalas, Eric Nielsen, William Thompson, Kim Ward-Duong, Max Millar-Blanchaer