



ASTROPHYSICS WITH EQUITY
SURMOUNTING OBSTACLES TO MEMBERSHIP
SCIENCE ANALYSIS GROUP

AWESOM Science Analysis Group meeting

6 October 2023

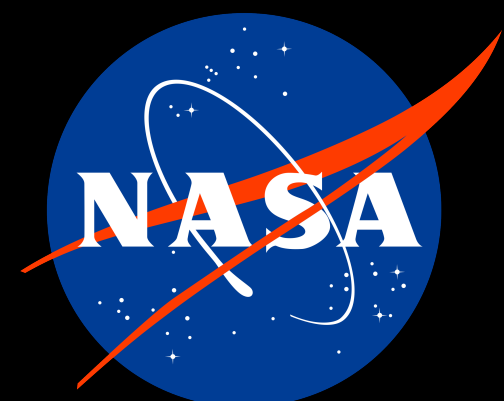
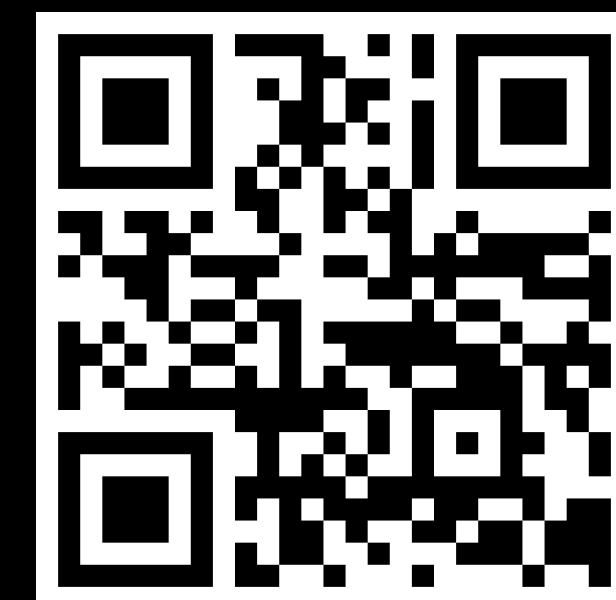
11am-12pm EDT

<https://pcos.gsfc.nasa.gov/sags/awesom.php>

For notes see [dartgo.org/awesom meeting notes](http://dartgo.org/awesom_meeting_notes)

Sign up form

dartgo.org/awesom





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With these goals and challenges in mind, we propose for a Science Analysis Group (SAG) to undertake a **careful study of how to expand the range of institutions and backgrounds for members of the community contributing to NASA astrophysics.**

The goal of this SAG is to analyze how existing NASA programs and potential new initiatives can **increase engagement with research and training programs, and to make available opportunities clearer, more consistent, and easier to access.**



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Timeline:

September 2023: Initial organization meetings, outreach to members, establishment of working groups

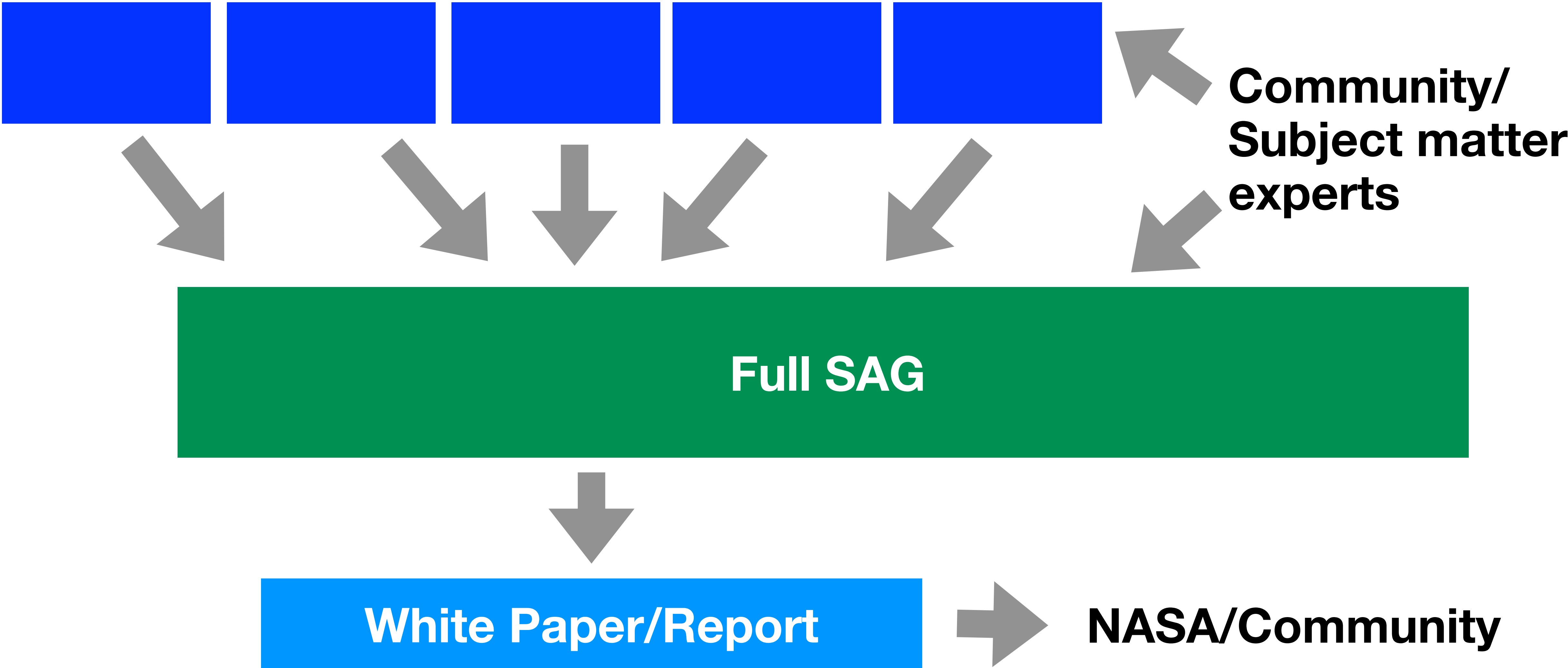
Fall 2023: Working group meetings, research, and analysis

Winter 2024: Working groups present findings / SAG discussion

Spring/Summer 2024: Completion of SAG report

SAG structure

Working groups



Working groups

dartgo.org/awesom_wg_sheet

1. Overview of the landscape of astrophysics at MSIs, CCs, PUIs, etc.
Co-Chair(s): Vallia Antoniu, Dave Pooley - **meeting TBA**
2. Overview of existing/ongoing NASA initiatives
Co-Chair(s): Allison Kirkpatrick - **meeting Monday, 10/9 11am ET**
3. Research projects/funding opportunities at MSIs, CCs, PUIs, etc.
Co-Chair(s): Ryan Hickox - **meeting TBA**
4. Student training programs (w/ bridge programs)
Co-Chair(s): Christian Soto - **meeting next week?**
5. DEI practices in NASA science (e.g., in selection and recruitment)
Co-Chair(s): Galen Bergsten - **meeting Friday, 10/13 1pm ET**

Subject matter experts / other resources

1. Overview of the landscape of astrophysics at MSIs,CCs, PUIs, etc.

Building astronomy in Texas - equivalent local groups? APS regional offices?

<https://aas241-aas.ipostersessions.com/default.aspx?s=B0-CC-12-22-2C-E4-01-34-A4-CF-F2-E1-B3-64-F4-F0&guestview=true>

Astro2020 State of the Profession panel (relevant to all panels?)

NASA Bridge Program - full report being made available to the public - information from workshop last year

<https://www.hou.usra.edu/meetings/smdfall2022/> Padi Boyd and Steven Villanueva - SACNAS (Oct 26-29)

https://smd-cms.nasa.gov/wp-content/uploads/2023/04/Boyd_SMDBridgeProgram_APAC_March2023.pdf

https://smd-cms.nasa.gov/wp-content/uploads/2023/04/Sheth_APACMarch2021.pdf

Limitations in a number of states for DEI initiatives

2. Overview of existing/ongoing NASA initiatives

CosmicExplorers SIG (Ron Gamble)

NASA Inclusion Plans (Kartik Sheth - APAC presentation available) - Keith Jahoda (GSFC)

ExoExplorers program (ExoPAG)

Cross-AG EDIA working group

Federal agency policy on not collecting demographic information?

<https://oig.nasa.gov/docs/IG-23-011.pdf>

MUREP (NASA OSTEM)

MSI Exchange Tool

Research Initiation Program

3. Research projects/funding opportunities at MSIs, CCs, PUIs, etc.

Research Initiation Program

ROSES - ADAP, ATP, APRA/SAT // Telescope GO programs, etc. (Stefan Immler, Valerie Connaughton, Eric Smith)

ROSES funded proposals are listed - would need to parse it - include in a questionnaire / information gathering tool / where are you applying or getting funding?

Success stories re: funded research?

Subject matter experts / other resources

4. Student training programs (w/ bridge programs)

https://smd-cms.nasa.gov/wp-content/uploads/2023/04/Boyd_SMDBridgeProgram_APAC_March2023.pdf

REU programs

NASA FINESST - where those students are going - where are they coming from? (Nino Cucchiara at HQ)

Research training - summer schools?

Students funded on grants

5. DEI practices in NASA science (e.g., in selection and recruitment)

Inclusion plans for NASA funding proposals

Planetary science white papers on DEI: <https://docs.google.com/spreadsheets/d/1zGihEjLzQXC5oPxNxzqtSCP6orWSbV7vJac9MOUOIDA/edit#gid=0>

Astro2020 State of Profession document and panel members

<https://www.nasa.gov/sites/default/files/atoms/files/nasa-strategy-for-stem-2020-23-508.pdf>

<https://smd-cms.nasa.gov/wp-content/uploads/2023/04/NASA-Astrophysics-Statement-of-Principles-Nov2022.pdf>

https://www.nasa.gov/sites/default/files/atoms/files/nasa_deia_strategic_plan-fy22-fy26-final_tagged.pdf

<https://www.whitehouse.gov/wp-content/uploads/2022/09/09-2022-Interagency-Roadmap-to-Support-Space-Related-STEM-Education-and->

[Workforce.pdf](#) (White House OSTP, National Space Council)



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Next full SAG meeting:

Monday 23 October 2023 11am EDT

working group update

WG chairs - please send me a Zoom link