



U.S. EXTREMELY **LARGE** TELESCOPE PROGRAM

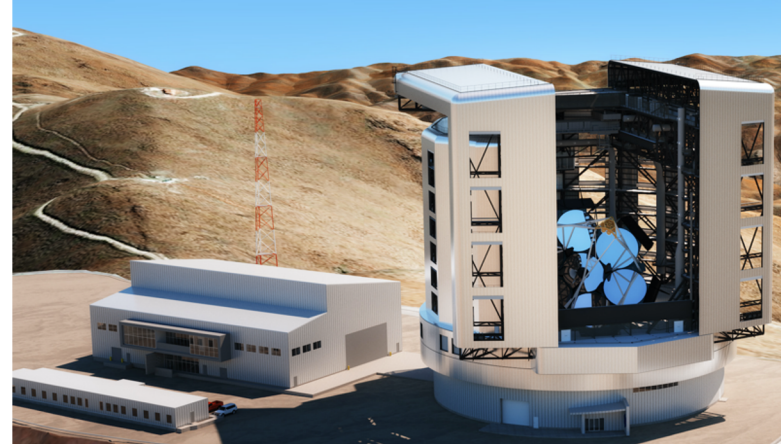
US-ELTP Research Inclusion Initiative

Dara Norman

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Community Science and
Data Center at NOIRLab



Why a Research Inclusion Initiative for US-ELTP



The Research Inclusion Initiative (RII) for the US Extremely Large Telescope Program is intended to support the **research participation of the broadest US astronomical community** by specifically addressing the concerns of researchers at small and underserved institutions that may be interested in participating in USELTP, particularly through the Key Science Program.

RESEARCH INCLUSION : Part of how we do Science



The US-ELTP Research Inclusion Initiative will focus on 4 main areas of inclusion identified through conversations with researchers at small and underserved colleges and universities.

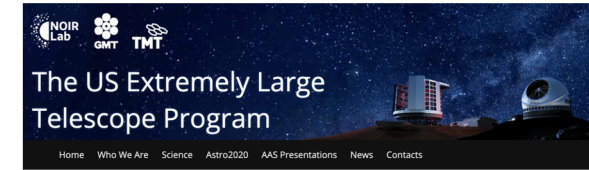


1. Policies and procedures that support mutually beneficial partnerships
2. Opportunities for scientific networking and collaboration building
3. Technical infrastructure that enables participation
4. Science platform and tools training



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Policies for the Allocation of Observing Time



U.S. ELT Key Science Program Development Workshop
14-16 November 2018
Westward Look Wyndham Grand Resort and Spa
Tucson, AZ

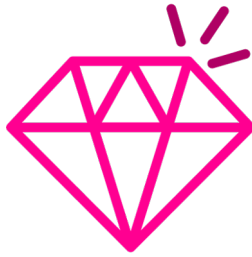


Research Inclusion Development : Data Access and User Support



We will use our NOIRLab expertise to support the broad community of users.

- Technical infrastructure (e.g., archives, science platforms, tools, user support systems) to support data access to enable broad participation

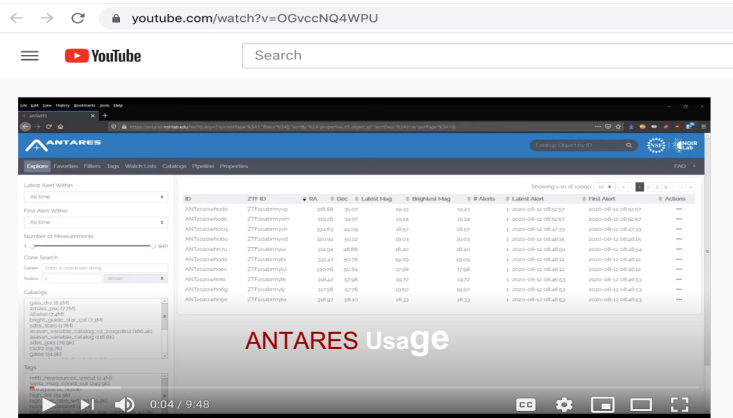


Value
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Norms

- Training on science platforms and tools for researchers at all career stages



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Using the ANTARES Alert Broker



AAS2021 - US-ELTP Research Inclusion Initiative



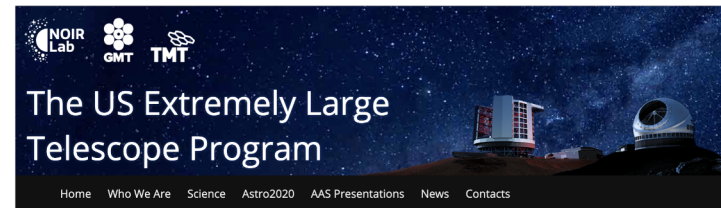
Traditions

Research Inclusion Development: Broaden Participation of All Scientists



Focus on the activities that prepare the community for US-ELTP inclusive policies and on support for networking and collaboration.

- Support and enable opportunities for scientific networking and collaboration building, (e.g., Key Science Program teams, advisory participation.)

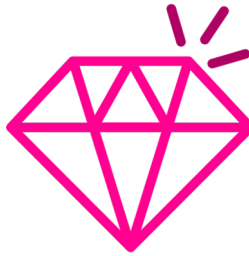


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- Policies and procedures that support mutually beneficial partnerships



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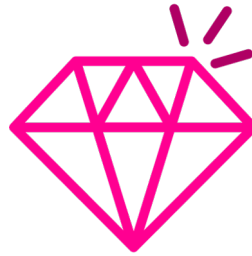
Traditions

Research Inclusion Development: Value Inclusion as part of Scientific Merit



Time allocation policies that support research inclusion

- Incentivize formal institutional change that promotes research inclusion (e.g. reward HOW science is done alongside what science is done.)
- Requirement for research inclusion component in the time allocation of proposals (e.g., Key Science Program)
- Research inclusion component reviewed as part of the merit of proposals (e.g., alongside science and data management requirements)



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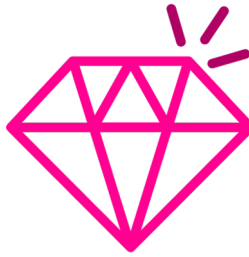
Policies for the Allocation of Observing Time

Research Inclusion Development: Toolkit of Inclusive Practice



NSF Development funding to prepare community for research inclusion proposal requirements

- Build a toolkit of inclusive collaborative practice as a guide, seeded by current community practices (e.g., SDSS COINS, conduct codes, communication journal clubs and collaboration practice, etc.)
- Provide information on the efficacy of practices (including metrics)
- Provide recommendations and guidelines for the assessment of proposed research inclusion practices in proposals
- Recommend policies for long-term observing programs to report on research inclusion metrics and activities as part of scientific review.



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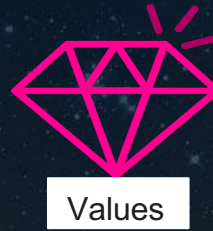
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Postdoc being hired to support this effort

RESEARCH INCLUSION : Part of how we do Science



Values



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Traditions

USELTP



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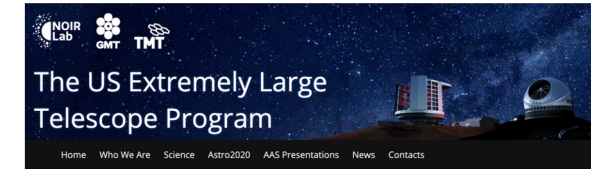
1. Policies and procedures that support mutually beneficial partnerships
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NOIRLab has the expertise to support this culture changing effort!

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<https://noirlab.edu/public/projects/useltp/>



Questions?

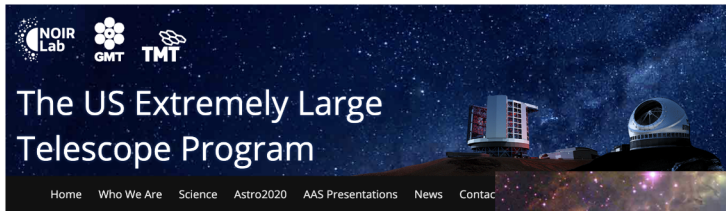
RESEARCH INCLUSION



- Support Policies and procedures that support mutually beneficial partnerships



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- Provide opportunities for scientific networking and collaboration building

- Provide technical infrastructure that enables participation



- Provide science platform and tools training

