



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

# US-ELTP User Support and Research Inclusion

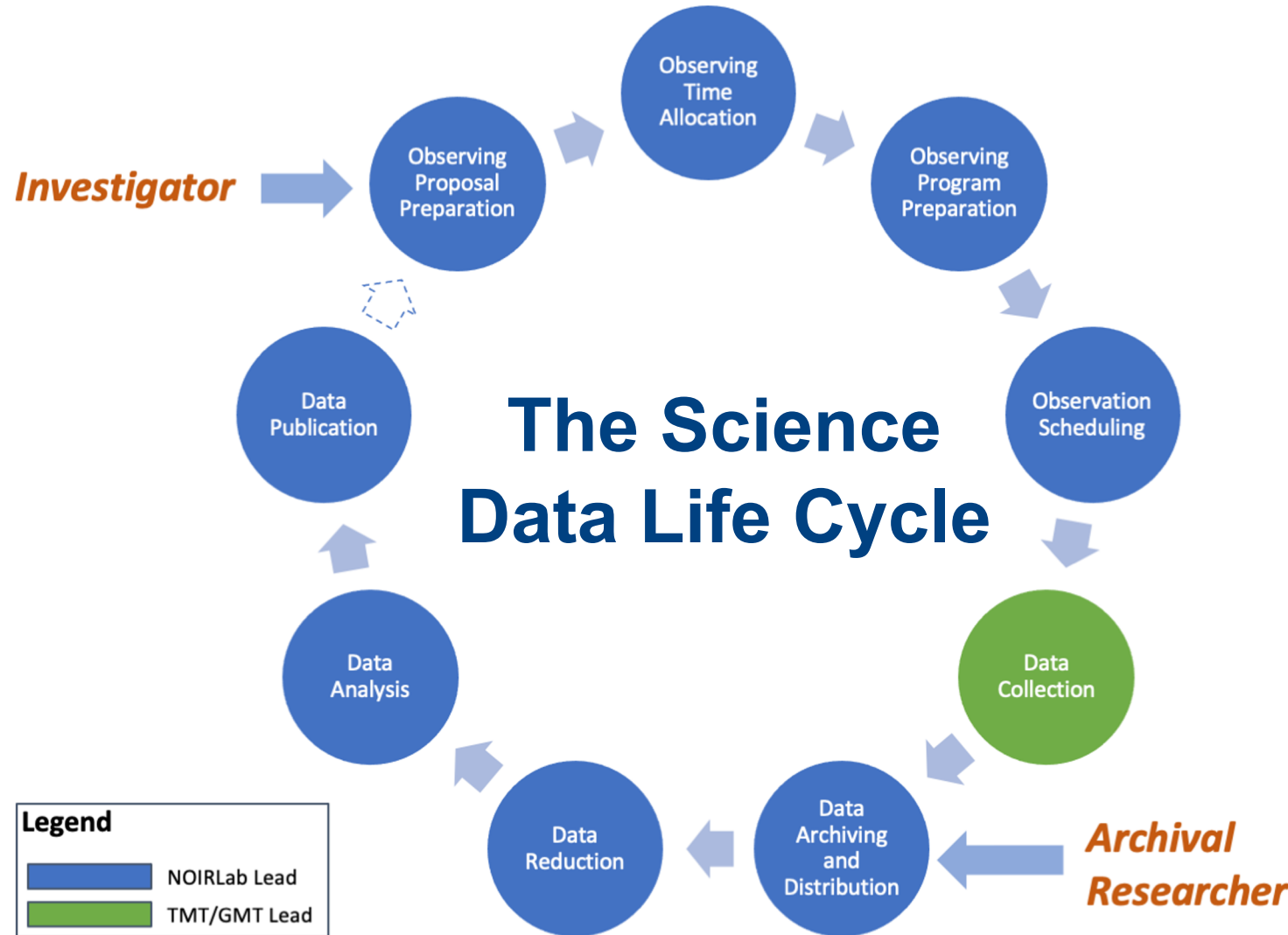
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**Dara Norman**

NOIRLab



# Supporting US-ELTP Community Research



**NSF's NOIRLab** will provide user support for researchers using GMT/TMT and their data throughout the **Science Data Life Cycle (SDLC)**

**Uniform interfaces** for proposing and observing with GMT and TMT

**Peer review** for US open access observing proposals, designed to **mitigate bias**

**Adaptive queue scheduling**

**Archive** with all GMT and TMT data

**Standard data reduction** and calibration, with archived data products

**Science platform** and data analysis tools

**Documentation, tutorials, help desk**



# RESEARCH INCLUSION : Part of How we do Science



The US-ELTP Research Inclusion Initiative is focusing on 4 main areas of inclusion identified through conversations with researchers at small and under-resourced institutions (SUI).

## Open Collaboration



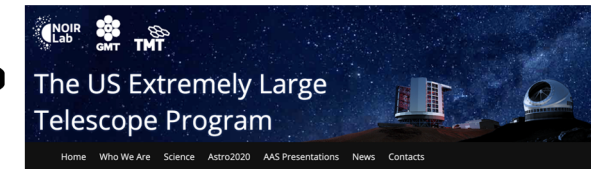
1. Policies and procedures that support mutually beneficial partnerships
2. Opportunities for scientific networking and collaboration building
3. Technical infrastructure that enables participation
4. Science platform and tools instruction



Dara Norman/ NOIRLab



## 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

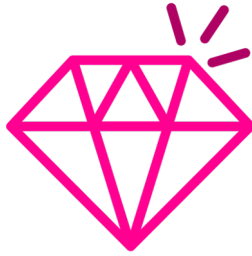


# Research Inclusion Development: Policies that Value Inclusion as part of Scientific Merit



## 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.
- Research inclusion component reviewed as part of the merit of proposals (e.g., alongside science and data management requirements)



Value  
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Norms



Traditions



Policies for the Allocation of Observing Time

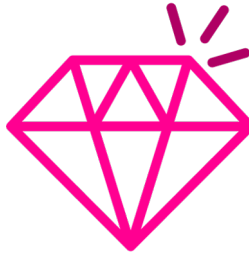


# Research Inclusion Development: Toolkit of Inclusive Practice



## NSF Development funding to **prepare community for research inclusion proposal requirements** (PIs and Reviewers)

- Create a toolkit of inclusive collaborative practice as a guide, seeded by current community practices
- 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.



Value  
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Norms



Traditions





<https://noirlab.edu/us-eltp/>

