



Introduction & Nigel's Top 5

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CIO All Hands

30 April 2019

Top 5 from director's September all-hands meeting

1. Re-emphasize safety across the site.

- We do not want anyone at Fermilab to experience a life-altering bad day.
- You have the authority and obligation to stop work if you have questions or concerns about safety.

2. LBNF: goal is to baseline in spring 2020.

- There is a lot going on at the far site in South Dakota, including pre-excavation and reliability work.
- At the near site in Batavia, the architect engineer (A/E) contract was awarded in August and design work has started. Site preparation will begin soon.

Top 5 from director's September all-hands meeting

3. PIP-II: baseline review will be January 28...good work, team.

- The Director's CD-2/3a review noted the following: "excellent progress across the project," "overall pace of progress is impressive" and "level of international engagement and ownership in the success of PIP-II is impressive."

4. Mu2e: funding complete, must close out successfully.

- Beamline installation making significant progress.
- Winding has started on the 11 detector solenoid coils.
- Transport solenoid unit acceptance testing continues at the heavy assembly building.

5. Continuing to improve business systems and operations is necessary.

- Four areas of the lab are using Operational Excellence as a framework to make improvements and create metrics to measure progress.
- Implementation plans that address this year's climate survey results and employee recommendations are in the works.

Performance Enhancement Management Plan - PEMP

- By June 2020, submit a strategic plan for CMS High-Luminosity LHC software & computing R&D activities (Objective 1.2)
- Develop a preliminary Operations plan for the Mu2e experiment, ...including software and computing, including resource estimates, suitable for external review, by February 2020. (Objective 2.3)
- By February 2020, develop an initial pre-Operations plan for the DUNE ... including software and computing. Include a preliminary resource estimate based where possible on extrapolations from prior comparable experiments. (Objective 2.3)
- Ensure the appropriate completion of Plans of Actions & Associated Milestones for: (Objective 8.2)
 - Email Multi-Factor Authentication
 - Web Security Implementation

Organizational Change

- The research and operations budgets continue to be under pressure.
- Increasingly DOE program managers are telling us what they can and can not fund at an unprecedented level of granularity.
- I'm asking that people remain flexible in their job assignments as the only constant is change.

Transformation of Lab funding over time

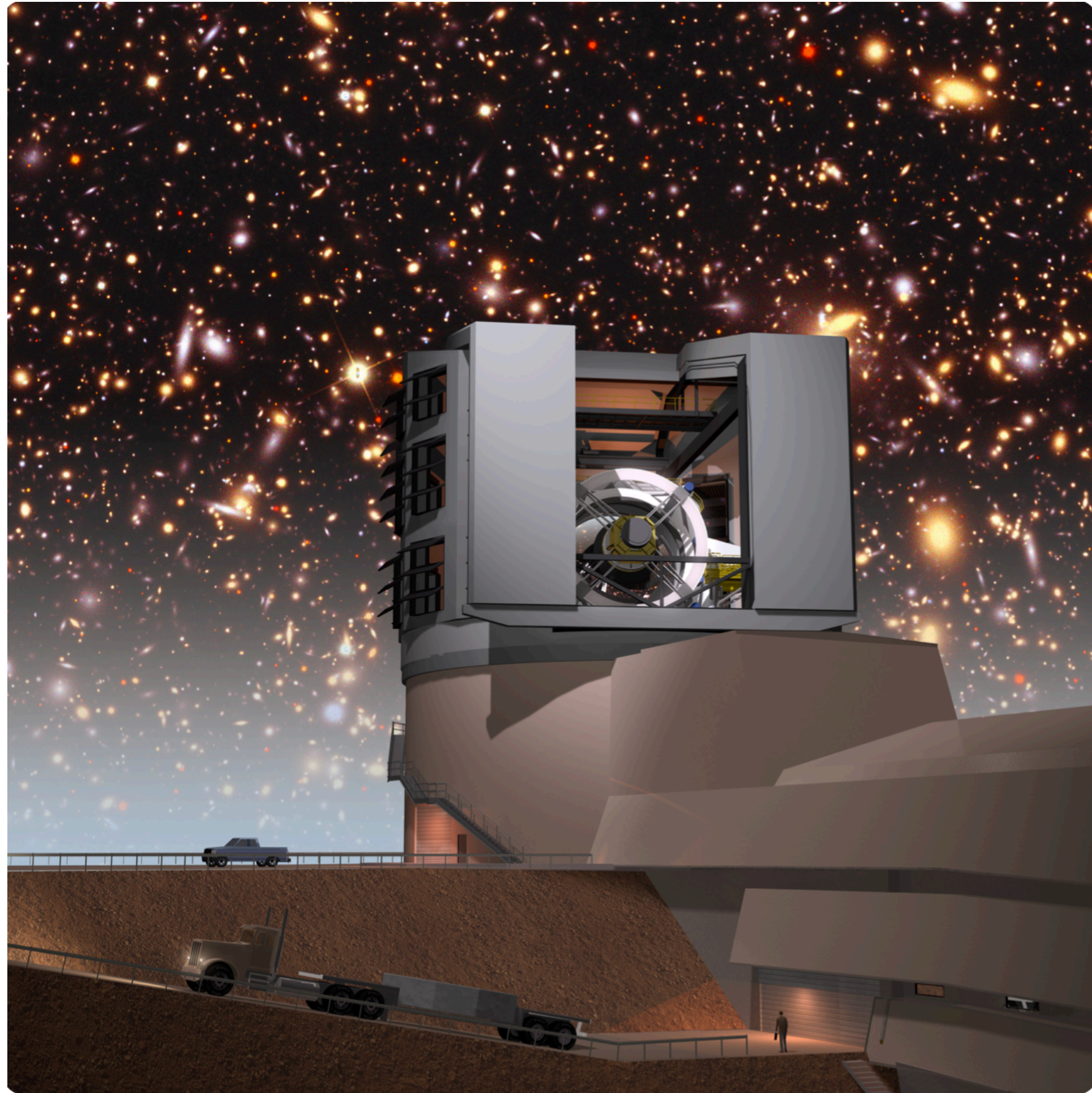
386M\$ total
170M\$ ops
87M\$ research



559M\$ total
149M\$ ops
60M\$ research

LSST Data Facility Bid

<https://indico.fnal.gov/event/22241/other-view?view=standard>



- Fermilab is one of 3 labs (with SLAC, BNL) invited to propose to become an LSST Data Facility. Decision needed by 15 - December

Additions to the CS Family

- Gavesh Kirby Jayatilaka, born October 25, 2019; 6 lb., 14 oz. Mom and (feisty) baby are doing quite well.



- Alexis Cynthia Heath, born October 22, 2019; 6 lbs. 4 oz. 19.5". Mom and baby are doing well.