QuarkNet Funding

NSF is providing $600k/year.

- Salary support for several staff at full or partial time (Cecire, Griffith, McCauley, Wood, Zakas)
- Project evaluation
- Travel for staff & Ad Board
- Computing (primarily to maintain the QuarkNet servers)
- A small amount of participant support for centers

CMS is providing $150k/year.

- Support for 375 teachers at centers

ATLAS is providing $100k/year.

- Support for 25 teachers at centers
- Support for 25 teachers, travel for Data Camp
- Support for fellows

Fermilab

- Support for several staff at partial time (Adams, Hoppert, Pasero, Peronja)
- Travel for staff
- Infrastructure for cosmic ray studies

Spending through Year 2

Totals without Fermilab Budget

Salary & benefits for staff at ND

- **$490k** spent vs. **$500k** budgeted

Additional salary support, computer services, supplies, etc.

- **$415k** spent vs. **$410k** budgeted

Travel

- **$33k** spent vs. **$56k** budgeted

Center Support, Fellows

- **$220k** spent vs. **$520k** budgeted

Outlook for Years 3–5

Years 3–5 funding situation looks stable.

NSF forwarded funded the program & Year 3 funding is in place.

- **$2M** of the total **$3M** is at ND; no reason to expect any issues with the remainder.

ATLAS also forward funded the program.

- **$242k** of total **$500k** up front, **$100k** on the way, **$158k** committed in new budget

  Developing new five-year operations budget; putting **$100k** per year in for QuarkNet in anticipation of a renewal in three years

CMS

- **$300k** of the total **$750k** is at ND; Year 3 funds in early 2021; commitment for final two years

Summary & Comments

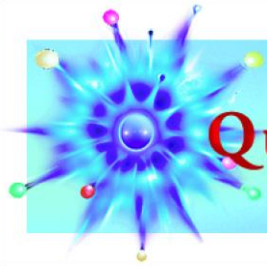**Two interesting & challenging years in the books**

Spending on people has tracked the budget. We have been able to support our team full-time, even in the face of the COVID-19 pandemic.

- **Staff and fellows have been active and creative, adjusting to the situation; more on this later in the meeting**

Spending on centers is well under budget.

- **We were cautious in Year 1 adapting to our new budget.**

- **COVID-19 in Year 2**

We are well-positioned to provide an active, robust program for the next three years.

New Servers

IT services transitioning to new physical servers:

- **Purchased through ND Physics**

- **Transfer ongoing: physics data, wiki done**

- **Housed at ND Center for Research Computing**

quarknet.org

Primary QuarkNet website (currently Drupal 7):

- **User data stored in spreadsheet uploaded to site database**

- **Some cleaning tasks remain.**

- **Upgrade to Drupal 9 planned for near future**