

# NOvA Online Support

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Office of  
Science



# Background

- Online Support Group in PPD/EED
  - Founded in April 2012
- Purpose Statement
  - Emphasizes support for maintenance and improvements to online systems in operating experiments
  - Involvement in new systems design, support of test stands and test beam online systems
- Personnel
  - Bill Badget, Geoff Savage, Aron Soha, Donatella Torretta, (PS - Head)
    - Bill, Geoff, Donatella are *Computing Services Specialists*, Aron is *Engineering Physicist*
  - Aron and Bill will be 100% and 25% CMS, respectively, for foreseeable future
  - That leaves 2.75 FTE for all other activities

## Disclaimer

- In addition to being head of PPD/EED/OSGroup, I am
  - NOvA WBS Level-3 for DAQ Software and *de facto* Co-leader of NOvA DAQ Operations



# Current NOvA DCS (Detector Control) Support

- End phase of project work
  - Collaborator WBS L3 – Athans Hazikoutelis
  - AD ACNET group (Jim Patrick)
  - SCD EPICs experts (Kurt Biery's group)
  - PPD/collaborator – Bill Lee
    - DCS computing, EPICs
  - New collaborator DCS experts in training

## Future Role of Online Support Group

- Provide framework for shorter-term collaborator effort in Operations support, development
  - Allow a student or postdoc to handle “95%” of issues in ~2 weeks
    - Training
    - Documentation
    - Consultation
    - Backup
  - Goal: Young scientists can efficiently contribute to running experiment in a 6-12 month stint.
- Provide institutional memory & deep support.
- Operations-Development Effort
  - Continuation of historical role, at appropriate level

## Schedule for OSGroup in NOvA

- **DAQ**
  - I look forward to integrating Online Support Group  
~Q2/Q3 FY14
    - Dependent on available effort in group
  - NOvA has more leeway than other experiments with collaboration expertise
- **DCS**
  - Need more input from Collaboration