

JANUARY 26, 2022

# PSC ALL-HANDS MEETING



**LAURENT C. CHAPON**  
Associate Laboratory Director for Photon Sciences  
APS Director



Argonne National Laboratory is a  
U.S. Department of Energy laboratory  
managed by UChicago Argonne, LLC.

January 26, 2022, PSC All Hands Meeting

# IN MEMORIAM: GUY MACHA

Guy Macha served the University of Chicago Center for Advanced Radiation Sources (BioCARS, ChemMatCARS, GSECARS) and its users as a vacuum specialist, user support specialist, and safety officer

“A valued staff member of CARS for 26 years, he will be remembered for his respected insight, advice, subtle sense of humor and kindness. Guy will be missed.”

The APS joins CARS in expressing our deepest sympathy to his beloved wife Alice, his family, and friends



# OUTLINE

- Updates – Laurent Chapon
  - Safety
  - Staff Changes and Service Awards
  - Lab performance, DOE Triennial Review, Budget 2022
- APS Operations, COVID-19 Protocols, AES Highlights – John Connolly
- XSD and Science Highlights – Jonathan Lang
- ASD Highlights – John Byrd
- DE&I Plan 2022 – Fanny Rodolakis and Becky Sikes
- Individual Development Planning Overview – Tanya Griffin
- APS-U Project Update – Jim Kerby and Elmie Peoples-Evans
- Q&A – Senior Management

# SAFETY

- **Photon Sciences safety record is excellent for FY22**

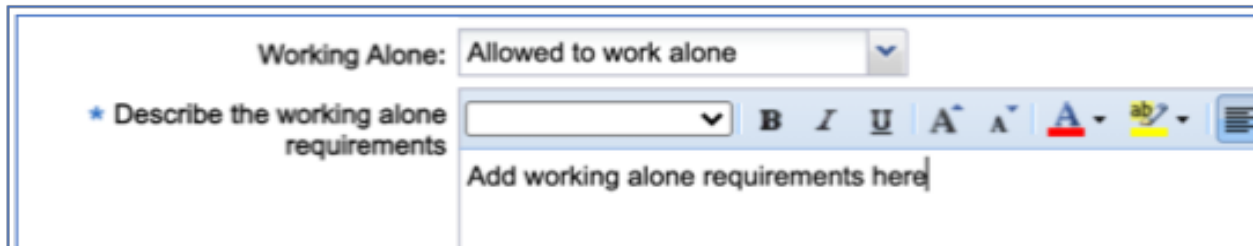
- 0 First Aid Injuries
- 2 OSHA Recordable Cases (TRC), both COVID related
- 2 Days Away or Restricted Time (DART)

- **Update to AWARE to include Working Alone**

Working Alone update added in the Define Scope of Work tab in the Scope of Work section

If “working alone is not allowed” is selected from drop-down menu, text “Not allowed to work alone” will prepopulate requirement box

If “Allowed to work alone” is selected, you must describe working alone requirement in requirements box (see example below)



Working Alone: Allowed to work alone

★ Describe the working alone requirements

Add working alone requirements here

# SAFETY

- **Upcoming “Safety Refresh Day”**
- **Date to be determined as Lab approaches return to normal operations**
  - Lab-wide and division-specific safety-focused events
    - Review of WCDs
    - Refresh pre-job briefings
    - Housekeeping
  - Will include re-entry/hybrid work topics for individuals that have not been onsite recently

# APS UPGRADE PROJECT: MANAGEMENT CHANGES

- **Jim Kerby:** interim project director
- **Elmie Peoples-Evans:** interim project manager
- **Bob Hettel:** advisor to the PSC ALD



Jim Kerby



Elmie Peoples-Evans



Bob Hettel

# NEW STARTERS

## ■ APS Ops

- **Mike Edelen:** director, APS Engineering Support Division
- **John Quintana:** PSC Mission Readiness Group leader
- **Yine Sun:** Accelerator Operations and Physics Group leader
- **Sirisha Kallakuri:** Diagnostics Group Control Systems Engineer
- **Tony Killelea:** APS User Program Office administrator
- **Nathan Rogers:** APS User Program Office administrator

## ■ Life Sciences CAT

- **Spencer Anderson:** Operations manager



Mike Edelen



John  
Quintana



Yine Sun



Sirisha  
Kallakuri



Tony  
Killelea



Nathan  
Rogers



Spencer  
Anderson

# 25+ YEARS SERVICE AWARDS

## 25 years

Haung Nguyen  
Oleg Makarov

## 30 years

Animesh Jain  
Christine McGhee  
Phillip McNamara  
Marion White  
Michael Johnson  
Wayne Michalek  
Eugene Swetin



# ARGONNE FY21 PEMP GRADES AND TRENDS

PEMP Goal	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
1 Mission Accomplishment	A-	A-	A-	A-	A-	A-	A	A	A
2 Design, Fabrication, Construction and Operations of Research Facilities	A-	A-	A-	A-	A-	A-	A-	A-	A
3 S&T Program Management	A-	B+	B+	A-	A-	A-	A-	A-	A-
4 Lab Leadership and Stewardship	B+	B+	A-	B+	B+	B+	A-	A-	A-
5 ES&H	B-	B+	B+	B	B-	B-	A-	A-	B+
6 Business Systems	B+	B+	B+	B+	B+	B+	B+	B+	A-
7 Infrastructure	A-	A-	A-	A	A	B+	A-	A-	A-
8 Safeguards and Security	B+	B+	B+	B+	B+	B+	B+	A-	A-

# DOE TRIENNIAL REVIEW



- Covered the period 2017-2021
- 15 reviewers, program managers, and DOE programmatic considerations
- Thank you all for your work and taking part in the review
  
- *“Overall, the reviewers uniformly praised the APS management for its effectiveness in successfully operating the APS facility with high reliability and excellent productivity for a large user base during the past review period. They concurred that the APS satisfactorily addressed most of the BES recommendations from the FY 2017 review.”*

# RECOMMENDATIONS



- Develop a robust plan to carefully assess the balance of staffing level and resources to ensure APS is attractive and competitive for recruitment/retention of a highly talented workforce and to support sustained and successful operation within the available funds



- As the APS-U construction phase ramps up, it is essential that all activities across the APS complex are carried out safely; develop a robust plan for regular communication with all facility staff and contractors on safety procedures to be followed throughout the construction phase and transition to APS operations

# RECOMMENDATIONS II



- Provide an evaluation of the organization structure and staffing allocation that includes engagement of the staff to obtain feedback on ways to improve operational effectiveness and communication, and information flow across the APS complex, especially after completion of the APS-U

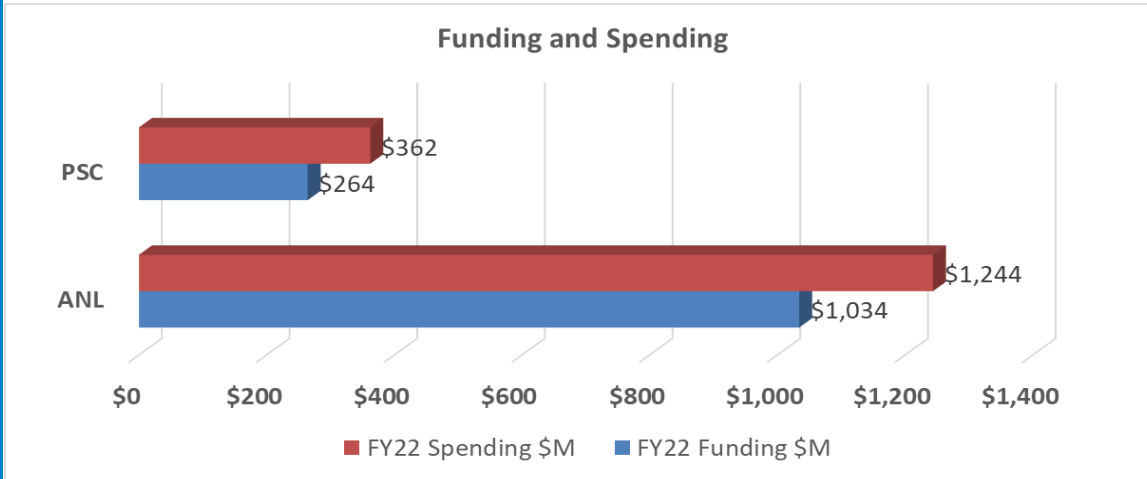


- BES encourages the APS to use the upcoming dark period to critically evaluate the current proposal review process and develop an improved process with potential to grow the APS userbase to exploit its world leading coherent hard x-ray capabilities; in addition, evaluate the current organization structure of the APSUO to ensure broader representation of the APS userbase and to improve communication between the APS and the scientific community

# NEXT STEPS

- Provide plan to address the above recommendations to DOE by March 26, 2022
- Engagement of PSC leadership teams with APS and APS-U staff to create detailed plans and milestones
- Engagement with APSUO, PUC and SAC

# PSC FY22 BUDGET (C. MCGHEE)



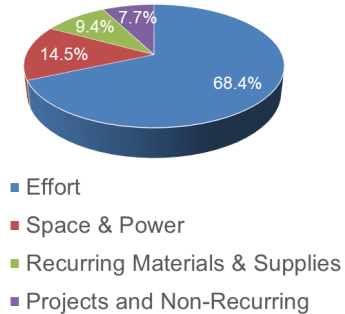
Lab initiatives include:

- APS Upgrade
- ECDC
- ALCF

- PSC is in good shape, plans to spend 25% of Lab spending in FY22
- PSC has carryover funds, so we can spend more than we are receiving in funding
- \$175M of spend is planned for APS Upgrade
- \$150M of spend is planned for APS Operations
- \$37M of spend is planned for other DOE and Strategic Partnership projects

# APS OPERATIONS – FY22 BUDGET

Salary	\$102,626,197
Space & Power	\$21,753,722
Recurring M&S	\$14,120,081
Projects and Non-Recurring	\$11,500,000
<b>Total</b>	<b>\$150,000,000</b>



- CAMS must ensure staff supporting their projects know correct project task (WBS) for effort charges
- Supervisors must review projects and project tasks reported in Dayforce before authorizing to confirm staff are charging correctly
- Monthly financial reports are provided to CAMS and group leaders for review of effort, other costs
- All staffing requests must be approved by Senior Management Team before posting/hiring; send staffing requests including Argonne Associates to Christine McGhee to route for approval

Please do not hesitate to reach out  
Always welcoming feedback !  
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