

2024-07-12

Outside Academia

Cindy Lin

Mike Schwendener

TRISEP



Where I've Been...

2007-2011
Bachelor's
The College of New Jersey

2012-2014
Master's
Drexel University
•EXO-200 and nEXO

2018-2022
Postdoctoral Fellow
Laurentian University
Queen's University
SNOLAB
•SNO+

2011-2012
Research Assistant
Princeton Plasma Physics
Laboratory
•Paul Trap Simulation Experiment

2014-2018
PhD
Drexel University
•EXO-200 and nEXO

2022-Present
Chief Analyst
US Air Force
Air Mobility Command
Test and Evaluation
Squadron



The College of New Jersey

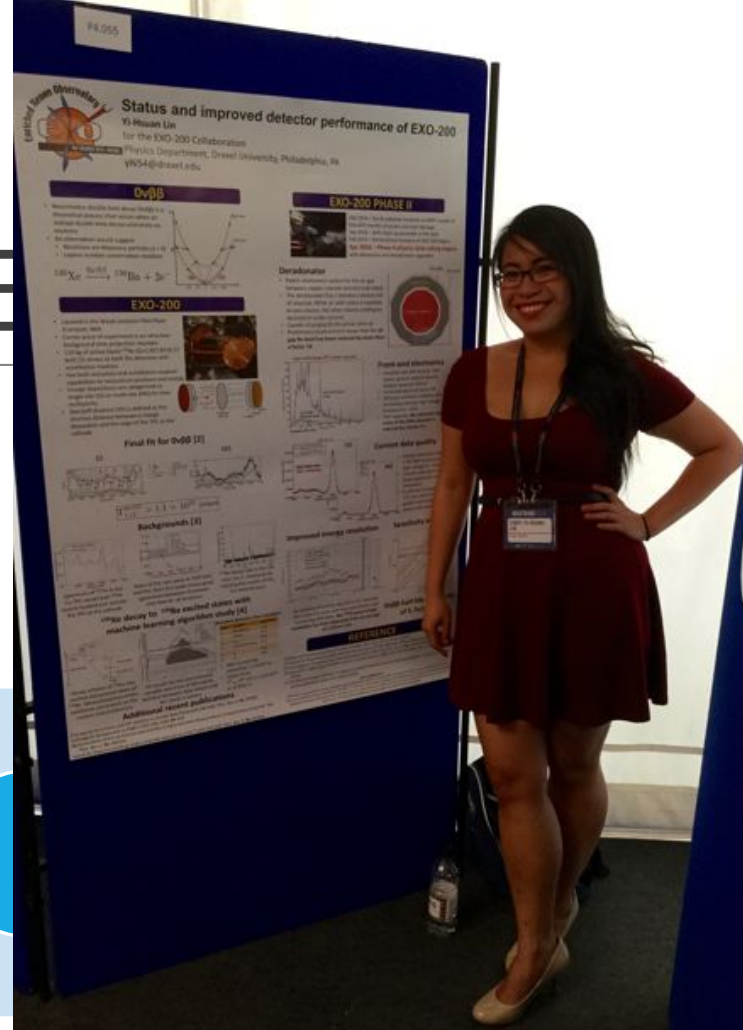


Research is a dirty job

2012-2014
Master's

Drexel University

•EXO-200 and nEXO



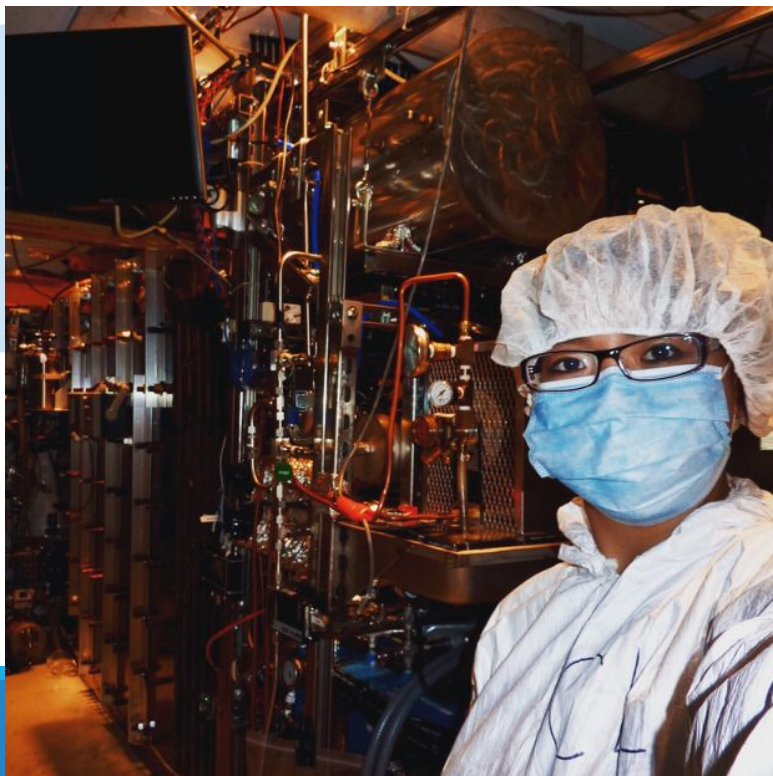
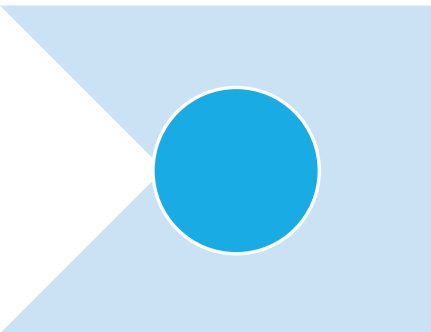
2014-2018
PhD

Drexel University

•EXO-200 and nEXO



202
Chie
US
Air Mob
Test an
Squadron



Why the ch-ch-ch-changes?

Location!

What I do now...



Humanitarian support



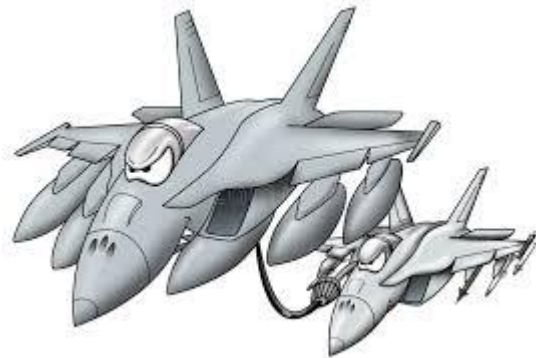
Air lift



Aeromedical evacuation



Operational support aircraft



Aerial refueling



VIP flights

What I do now...



Focus on **Operational Testing**

- **Effectiveness:** Is the product/procedure good for real world?
- **Suitability:** Is the product/procedure good for real people?

As test director:

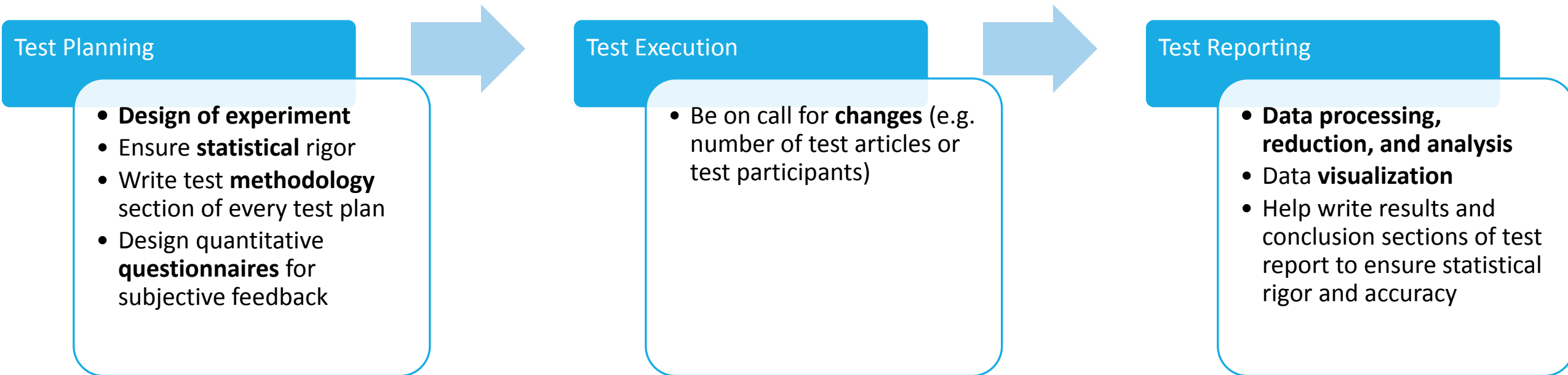
- Research previously testing on the test article or related articles
- Lead test teams throughout the test process
- Coordinate with all relevant agencies to secure test locations and resources
- Attend all test execution-related events in person
- Write and publish test plans and test reports



What I do now...

As Chief Analyst:

- Manage the analysts team and properly delegate tests based on ability and skills



What I do now...



Other hats I wear...

- Suicide Prevention and Sexual Assault Prevention & Response facilitator
- Booster Club Treasurer
- Establish data management standards and best practices
- Establish database and dashboard (🙄) to track test statuses
- STEM Outreach
 - Invited Speaker/Volunteer at STARBASE Outreach Program
 - Invited Speaker for STEMtoSky Program
- Coming soon... Electronic Warfare subject matter expert

