Developing Cybersecurity Programs for NSF Projects

Center for Trustworthy Scientific Cyberinfrastructure
The NSF Cybersecurity Center for Excellence
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**WestinConference**

Access Code:

**nsf0816**
Outline

1. Introduction & Overview
2. Establishing a Cybersecurity Program
3. Policy Development
4. Putting It To Work
5. The Daily Joy
6. Keeping Your Program Healthy
1. Introduction & Overview
Goals of this Training:

1. Introduce PIs and managers of NSF LFs and CI Projects to a concise guide for developing and evolving a cybersecurity program that is tailored to the needs for our community. Will frequently refer to documents at: trustedci.org/guide

2. Elicit discussion and feedback on the same.
Some notes about terminology:

1. We use “information security” and “cybersecurity” more or less interchangeably. We often prefer the former, but have gotten trapped in the cybersecurity.

2. If we throw out a term that you don’t understand, please stop us!
How this happened
How is the guide different?

1. Authored with a CI perspective
2. Contributions and critique from LF/CI community (TrustedCI Forum, DKIST)
3. Lighter than FISMA/NIST SPs
4. Heavier than, *e.g.*, FCC’s small business policy creation tool or NISTIR 7621 *Small Business Information Security: The Fundamentals*
5. Publicly available and *free* to use (unlike, *e.g.*, ISO)
6. *Templates, templates, templates!!!*
7. Community-driven approach - *Community to contribute* to the evolution of the guide
So, what is a cybersecurity “program?”

“A cybersecurity program is a structured approach to develop, implement, and maintain an organizational environment conducive to appropriate information security and levels of information-related risk. Cybersecurity programs entail ongoing activities to address relevant policies and procedures; technology and mitigations; and training and awareness. Cybersecurity programs are scoped to the key assets, resources, and lifespan of organizations.” - CTSC
Why is a cybersecurity program important?

- Underlies **trustworthy science** - Maintaining the trust of scientists and the public in the CI, data and science.
- Prevents infrastructure from being used against others.
- Addresses **information security requirements** as defined in **NSF cooperative agreements**.
- Enables collaboration by supporting trust.
What are the components of a comprehensive program?

1. If you’ve got it, see your Cooperative Agreement.

2. See the NIST Framework or any number of cybersecurity maturity models. *The 22 Framework Core “Categories” are a great place to get a feel.*
### Table 1: Function and Category Unique Identifiers

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<th>Function Unique Identifier</th>
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<th>Category Unique Identifier</th>
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<td>ID</td>
<td>Identify</td>
<td>ID.AM Asset Management</td>
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<td>ID.BE Business Environment</td>
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<td>ID.GV Governance</td>
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<td>PR.AC Access Control</td>
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<td>PR.AT Awareness and Training</td>
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<td>PR.DS Data Security</td>
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<td>PR.PT Protective Technology</td>
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<td>DE.AE Anomalies and Events</td>
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<td>DE.CM Security Continuous Monitoring</td>
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<td>DE.DP Detection Processes</td>
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<td>Respond</td>
<td>RS.RP Response Planning</td>
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<td>RS.CO Communications</td>
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<td>RS.AN Analysis</td>
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<td>RS.MI Mitigation</td>
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<td>RC.CO Communications</td>
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NSF Cooperative Agreements

Information Security Requirement

● Incorporated in NSF’s Supplemental Financial and Administrative Terms and Conditions

● Purpose is to help ensure that NSF large facilities and FFRDCs have policies, procedures and practices to protect research and education activities in support of the award

● Terms or requirements like this are increasingly common at the proposal stage. (See, recent IRNC solicitation.)
“Security for all information technology (IT) systems employed in the performance of this award, including equipment and information, is the awardee’s responsibility.

Within a time mutually agreed upon by the awardee and the cognizant NSF Program Officer, the awardee shall provide a written Summary of the policies, procedures, and practices employed by the awardee’s organization as part of the organization’s IT security program, in place or planned, to protect research and education activities in support of the award.”
CA-FATC LF Article 61 and CA-FATC FFRDC Article 64:

“The Summary shall describe the information security program appropriate for the project including, but not limited to: roles and responsibilities, risk assessment, technical safeguards, administrative safeguards, physical safeguards, policies and procedures, awareness and training, and notification procedures in the event of a cyber-security breach. The Summary shall include the institution’s evaluation criteria that will measure the successful implementation of the IT Security Program. In addition, the Summary shall address appropriate security measures required of all subawardees, subcontractors, researchers and others who will have access to the systems employed in support of this award.”
“The Summary will be the basis of a dialogue which NSF will have with the awardee, directly or through community meetings. Discussions will address a number of topics, such as, but not limited to, evolving security concerns and concomitant cyber-security policy and procedures within the government and at awardees' institutions, available education and training activities in cyber-security, and coordination activities among NSF awardees.”
“Roles and Responsibilities”

CTSC Resources:
- *Master Information Security Policy and Procedures (MISPP)*
- *Acceptable Use Policy (AUP)*

“Risk Assessment”

CTSC Resources:
- *Information Asset Inventory*
- *Risk Assessment Table*
“Technical, Administrative, Physical Safeguards”

CTSC Resources:

- Access Control Policy
- Asset-Specific Access and Privilege Specification
- Password Policy
- Physical Security Policy
- Disaster Recovery Policy
- Incident Response Policy and Procedures
“Awareness and Training”

CTSC Resources:
- *Information Security Training and Awareness Policy*
- *CTSC “Cyber Hygiene” Information Security Training Slide Deck*

“Notification Procedures”

CTSC Resources:
- *Incident Response Policy and Procedures*
“Evaluation Criteria”

CTSC Resources:

- *Master Information Security Policy and Procedures (MISPP)*

“Appropriate Security Measures for Subawardees/Subcontractors, Researchers and Others”

CTSC Resources:

- *Acceptable Use Policy (AUP)*
Q&A
2. Establishing a Cybersecurity Program
Establishing a Cybersecurity Program

a. Core Processes and Tools

b. Risk-Based Approaches

c. Selecting Baseline Controls

d. The Role of Risk Assessments
CTSC Cybersecurity Program Processes & Core Tools

- Establish Program
- Identify Assets & Document Environment
- Select Baseline Controls
- Implement and Tailor Controls
- Evaluate Control Effectiveness
- Evaluate & Refine Program

Tools
- Best Practices
- Risk Assessment
- Program Frameworks
Importance of Project Leadership

PIs have the ultimate responsibility for ensuring the project has an effective information security program.

- Promote the importance of a cybersecurity program
- Assigning security responsibilities
- Determine acceptable levels of risk
- Support cybersecurity program
Roles and Responsibilities

● **Senior Management**
  ○ Takes active role in allocating adequate resources, address program governance, accept residual risk, and follow information security policies

● **Asset Owner**
  ○ Understands risks to the asset and ensures appropriate controls are in place while the assets are being developed, produced, maintained, and used

● **Chief Information Security Officer (CISO)**
  ○ Knowledgeable in information security, understand how information assets relate to the organization’s mission, effectively communicate the issues and the tradeoffs; empowered as a decision-maker and key stakeholder where expert and timely action are required to protect organizational interests
Project Relationships

Play a key role in a cybersecurity program

Cyberinfrastructure (CI): Research environments that support advanced data acquisition, data storage, data management, data integration, data mining, data visualization and other computing and information processing services distributed over the Internet beyond the scope of a single institution.
CI Projects are becoming increasingly distributed. Multi-institutional, international, interdisciplinary but highly interconnected. Virtual project teams are commonplace.

While this can create challenges, it also creates opportunity.
Challenges of CI projects

- **Disparate policies and requirements** among collaborators - establishing MOUs
- **Cultural differences** (open research environments vs. restrictive govt labs); information sharing, communications, different compliance reqs
- **Larger attack surfaces**: users, servers, network connections, inconsistency with administration and management
- **Specials**: ICS/SCADA, one of a kind research data
- **More actors**: hacktivists, governments, bad users
Opportunities in CI Projects

“I’ve got your back”

- Collective knowledge of distributed team can be a resource of support. “Has anyone seen this unusual network traffic?”
- Improve detection ability and response times by sharing event information. “Mass scanning from IP address 201.234.178.62, suggest blocking”
- Ad-hoc support in times of need.
DIY HELP!
This slide intentionally left blank.
Risk!
Risk-based approaches

- NIST 800 Series / RMF / FISMA*
- HIPAA Security Rule*
- DIARMF* …. even DOD is going there; DIACAP is out!
- NIST Framework for Improving Critical Infrastructure Cybersecurity
- ISO 27005
- COBIT

* blended into compliance regimes
Why risk management? **Flexibility.**

- pure compliance or rule-based approaches are generally inappropriate for infosec
  - fast-changing, relatively new,
  - relatively low risk (for now)
- well-suited for organizations with limited resources and time
- good for situations where the type of risk is difficult to insure against or the “insured” is hard to identify
- allows for mitigation, transfer, avoidance, and acceptance of risk
Why do we find the need to sell you on risk management?

Guesses?
... it can be costly and even distracting.

1. Ownership
2. Effort
3. Time
4. Thought
5. There are lots of well-established best practices out there!
Where to begin?

*If I buy into a risk based approach, then what?*

As we’ll discuss repeatedly, there is *not just one answer to that question*, but identifying and documenting your information assets, as well as understanding their value and/or sensitivity is a wildly helpful step that can be overlooked or underemphasized.
“Information Assets”

- Valuable:
  - Research Data

- Sensitive:
  - “Personal Information”

- Information Systems:
  - Telescope
  - SCADA System
Tips for Identifying Information Assets

1. Create and maintain solid documentation of what is actually there.
   a. Information Asset Inventory
   b. A solid basis for selecting controls, conducting RAs; an investment in continuity of the program.

2. Start with your information inventory (vs information systems) and capturing data flows.

3. Think in terms of types of information and information systems; get more detailed as needed.

4. Take the opportunity to get a handle on the security objectives for those assets.
1.2 Type of Information

⇒ Enter a description of this information type here. It should be specific enough that someone who was handed a disk full of data can easily determine whether the data they have belongs to this classification or not. In the table below, you’ll list information that’s part of this set.

<table>
<thead>
<tr>
<th>Asset Name</th>
<th>Short Description</th>
<th>Owner</th>
<th>Asset Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert a short name to unambiguously identify asset</td>
<td>Describe the asset. Unless there’s a referenced asset detail, this should include where it is and how it’s accessed.</td>
<td>Who is responsible for this asset?</td>
<td>Where is there more information about this asset?</td>
</tr>
</tbody>
</table>

Confidentiality:
Integrity:
Availability:

Yes, we’ve got a template for that.
Information Asset Details:

- What’s included in this set?
- Why do we have it? Where is it coming from, and what do we use it for?
- How is this set stored?
  - Format
  - Location
  - Backups
- Where should this data travel?
  - Who and what systems should be able to access?
  - How will it get there?
  - How is that movement protected? (e.g., authentication, encryption)
- What, if anything, sets this data apart from other things in the type?
The ‘CIA’ Triad of Security Objectives

**Confidentiality**  Preserving authorized restrictions on access and disclosure, including means for protecting personal privacy and proprietary information. A loss of confidentiality is the unauthorized disclosure of information.

**Integrity**  Guarding against improper information modification or destruction, and includes ensuring information authenticity. A loss of integrity includes the unauthorized modification or destruction of information, and the unauthorized control of an information system.

**Availability**  Ensuring timely and reliable access to and use of assets. A loss of availability is the disruption of access to or use of an asset.

*See, 44 U.S.C. 3542(b) and FIPS 199*
By focusing on preventing “losses of information security,” CIA objectives sit between the fundamental reasons why we protect info assets and the controls we put in place.
The process for info systems is similar:

2.2 Type of Information System

⇒ Enter a description of this system type here. It should be specific enough that someone who was handed a disk full of data can easily determine whether the data they have belongs to this classification or not. In the table below, you’ll list information that’s part of this set.

<table>
<thead>
<tr>
<th>Asset Name</th>
<th>Short Description</th>
<th>Owner</th>
<th>Asset Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert a short name, may be descriptive or may be the system hostname.</td>
<td>Describe the asset. Type of equipment, its function, etc. For hardware, include model and serial number when available.</td>
<td>Who is responsible for this asset?</td>
<td>Where is this asset documented in more detail?</td>
</tr>
</tbody>
</table>

Confidentiality:
Integrity:
Availability:
Details on information systems:

- Hardware specs & serials (if applicable)
- Software packages & major version numbers
- What data does this system touch?
- How does that data get in and out, and where does it go to / come from?
- What can this system control? How is that done?
- What does normal operation of this system look like? What runs on this system?
- How do we know when it’s not behaving?
- What administrative systems control and document this system?
Next Up:

Selecting Baseline Controls
All these can feed into selecting controls, but we need to talk about selecting baseline controls.
Selecting Baseline Controls: You have options!

- **Concise Best Practices Guides**
  - SANS/NSA/CSIS *Critical Security Controls*
  - CTSC’s *Securing Commodity IT*
- **Extensive Best Practices Guides**
  - 800-53 rev 4
  - ISO 27002
- **Risk Assessment Results**
  - Lots more on RA’s later
- **Program Evaluation Frameworks / Maturity Models**
- *What to choose?...*
Best Practices Guides

● Concise Best Practices Guides
  ○ *Critical Security Controls*
    
    *Now in v6. Increasingly this is the touchstone for “reasonable security.”*  
    *(See, California Data Breach Report, Feb 2016)*
  ○ CTSC’s *Securing Commodity IT*

● Extensive Best Practices Guides
  ○ NIST SP 800-53 rev 4?
Program Evaluation Frameworks & Maturity Models

- Overarching best practices view of a program
- Can supplement CSC’s on governance/process

E.g.,

- NIST Framework for Improving Critical Infrastructure Cybersecurity
- Booz Allen Cyber Operations Maturity Framework
- Higher Education Information Security Council (HEISC) Information Security Program Assessment Tool
- Electricity Subsector Cybersecurity Capability Maturity Model (ES-C2M2)
The Role of Risk Assessments

- NOT the same as risk management
- A flexible tool: gauging the relative magnitude of risks
- Can be focused on one asset or your whole project
- An input to decisions around resource allocation
- An opportunity to gauge control effectiveness
- E.g., NIST SP 800-30
(Estimated) Impact \times (Estimated) Likelihood = (Inherent) Risk (Level)
Risk Assessment is fundamentally….

About matching available effort and resources to feasible threats in order to achieve acceptable levels of risk.

Crown jewels + Likely threat event + No Controls = *We’ve got a problem*

Commodity IT + Controls are cheap/easy + No Controls = *We’ve got an easy win*
Q: Are risk assessments the only way to allocate resources well?

A: Absolutely not.

See, AFCEA Int’l Cyber Committee’s “The Economics of Cybersecurity: A Practical Framework for Cybersecurity Investment.”

Primary writer: John Gilligan, former CIO, US Air Force
Risk Assessment Recommendations

1. Consider **holding off** on a formal or extensive risk assessment, and first consider the scope, structure, and roadmap for your program.

2. Consider **lightweight or heavyweight, targeted or comprehensive assessments** based on where you are in your project lifespan and available resources.

3. Take an **asset-based approach** (particularly if your project and/or cyber program are new):

   *Understanding the value and sensitivity (and location and access controls) of your information and information systems is an early step to any risk assessment*
Project timeline and lifespan are important
Benefits of a Formal Risk Assessment

- Assist a project with identifying gaps in a security program
- Output of a RA can be used to develop a cybersecurity plan (mitigation plan and ownership)
- More advanced designs can be used to evaluate control effectiveness
- Forcing function to account for changes in the environment (new threats, new tech, new defenses)
- Surprise findings
Tips for carrying out comprehensive RAs

1. Operationalize your definitions.
   *Is “extremely likely” a frequency of every day, week, or month?*

2. Consistently apply concepts from risk to risk. Don’t switch definitions based on the risk!

3. Consistently characterize threats; include a set of common elements in each description. (Or, use a catalogue; see Appendices E and F of 800-30)

4. Solicit estimations from multiple sources / validation.
Kickstarting a program

A couple case examples...
Case 1… a new project, kickstarting a program

- **Identify your information assets** (information + information systems), and know which are mission critical and sensitive.

- **Identify & implement best practices**. *Society has done the risk assessment for you!*
  - If no best practices exist / too complex to identify or implement / want to make sure you’ve got the critical stuff covered…. *get help.***

- **Pick a maturity model or use the NIST Framework to envision your program**. How sophisticated can you afford to be?
Case 2… a not-so-new project, kickstarting a program

1. Identify Critical Risks
   a. “Cybercheckup” - Identifying holes in the ship.
   d. *Low-hanging fruit*. May be outside critical zone, but cheap, easy wins.

2. Select Targeted Controls
   a. Again, best practices!

3. Identify, Protect, Detect, Respond, Recover… remember it's not all about prevention.
Q&A
3. Policy Development
Policy Development

Program formalization is a key step in virtually all maturity models for distinguishing relatively immature programs from relatively mature. Policy development and implementation is necessary for formalization.

Results in:

- Reproducible, communicable, and enforceable processes.
- Artifacts that can be critiqued and evolved.
Craig’s Policy Life Cycle:

1. Develop
2. Adopt
3. Educate
4. Follow
5. Enforce
6. Revise

(DAEFER?... Without “adopt” it’s just DEFER.)

The policy valley of death
Templates!!

We will refer to templates found at the following page:  http://trustedci.org/guide

Cautionary Note: You will have to make these your own.
Policies we’ll highlight

- Master Information Security Policy and Procedures (MISPP)
- Acceptable Use Policy (AUP)
- Incident Response Policies & Procedures
- Access Control Policy
- A note about Privacy Policies

(But... Physical security, disaster recovery, asset management, HR-specific, “specials” specific.... other policies can be critically important for your project.)
Master Information Security Policy & Procedures (MISPP)

**Purpose:** Core, general policies + guide for navigating the full corpus of policies and procedures.

**Audience:** You and all your stakeholders.

- Roles & Responsibilities (... CISO, Leadership)
- Developing, Implementing, and Maintaining Our Cybersecurity Program (... core processes)
- Resources & Key Contacts (... we’re here to help)
- Other Policy and Procedure Documents (... a gateway of sorts)
- Enforcement provisions
- Terms & Acronyms
- *... plus anything else so central to the program that it warrants stating here*
Acceptable Use Policy (AUP)

**Purpose:** Establish a code-of-conduct for all users on the usage of a resource/information system.

**Audience:** You and all your stakeholders.

- Define rights and responsibilities of all users
- Establishes authority
- Consequences of infractions to policy (suspension, legal, criminal)
- Reduce Liability: disclaimers, no warranties
- Other Policy and Procedure Documents (Privacy, Password, management, Academic Citation)
- Contact Information (General support, Emergency/Security)
Incident Response Policy

**Purpose:** Decide and document what to do in the event of a security incident BEFORE it happens, so that the response can be both rapid and well thought out.

**Audience:** IT and helpdesk staff, incident response team

- Define priorities for IR (e.g. relative importance of gathering forensic data vs. minimizing downtime)
- Define who is responsible for which decisions
- Lay out response procedures for grey pigeon and black swan events
- Specify when and how response procedures will be tested
Access Control Policy

**Purpose:** Define how access to various information assets (both systems and data) will be mediated, as well as who will be allowed access to what.

**Audience:** All users, stakeholders, and IT staff.

- You must first know what your assets are.
- Least privilege principle
- Authentication vs. authorization
- Impacts every control
A note about privacy policies...

We didn’t template one, **on purpose**.

- You may or may not be required to have one.
- You may or may not want to have one.
- Input is key…. think general counsel.
- Int’l collaboration can complicate things in a hurry.
- Want a template, check out the BBB’s.
Policy Development: Tips, Gotchas

- **Do:**
  a. Involve stakeholders (yes, even the relevant lawyers)
  b. Prioritize
  c. Use templates, examples
  d. Ask for help
  e. Share the resulting policies and train your personnel

- **Please don’t:**
  a. Fall into the policy valley of death
  b. Allow policies to be developed and filed away without a formal approval process
  c. Assume people will read them without education
  d. Develop policies no one can or will enforce
  e. Work in a vacuum
  f. Assume you need one of each
  g. Be afraid to take this seriously
  h. Underestimate the power of v2
Section 4: Putting It To Work
Education & Implementation
Who cares?

...and what do I do with everybody else?
DANGERS OF SHADOW IT
Inside Users / Personnel:

- “Cyber Hygiene”
  - See this slide deck at http://trustedci.org/guide
- Specific policies that impact their job
- When to get help or ask a question

Outside Users:

- AUP (Acceptable Use Policy)
Training methods matter.
Providing information is only half the job.

Training:

- In person
- Be personable
- Make it relevant
- Sales, not just exposition.
The everyday experience will teach your team more than any training you give them.

What is it teaching them?
Section 5: The Daily Joy of Operational Security
AUTHORIZED
PERSONNEL
ONLY
Continuous Monitoring
i.e., Appropriately Frequent Monitoring

● Threat monitoring
  ○ SANS Internet Storm Center; United States Computer Emergency Response Team (US-CERT); SANS also has a weekly and semi-weekly newsletters

● Configuration and Vulnerability Management
  ○ OS and application software checked that current, patched versions are installed and securely configured

● Log collection and analysis
  ○ Logs from devices provide data about attacks
  ○ Many management tools are available; also external monitoring services
External Resources and Partners

- Your Internet Service Provider
- Parent Institution
- Peer Organizations
- Commercial Security Consultants
- REN-ISAC
- Bro Center of Expertise
- FBI Cyber Crime Unit
- CTSC
Using External Security Sources

- NIST SP 800-35 and SP 800-36 contain advice
- Get insight into what external sources have to offer
  - Balance risks, costs, and benefits
  - Trade-offs: control, resource demands, available expertise
- Clarify expectations
  - Ensure contract service level agreement (SLA), memorandum of understanding (MOU), or other agreement outlines relevant security expectations
Incident Response

- Develop and communicate a plan of action
  - For compromised desktop, server, network
- Include a communication plan
  - Who talks to management, media, CERT, etc.
  - What frequency and kind of information passed on
- Post-mortem analysis and report
  - Root cause analysis
  - Gauge effectiveness of controls
  - Develop remediation plan, if necessary

**RULE:** Don’t talk to the media
Incident Response Plans

- A determined attacker will succeed and there are many places to hide
- If you are on the Internet, then you are compromised -- the problem is to find them and recover to a “good place”
- Create a general plan based on “PDCA” or “OODA” loops (see Wikipedia articles for explanation)

DON'T PANIC

Douglas Adams, HHGTTG
Section 6: Keeping Your Program Healthy
So you’ve...

...figured out what assets you are protecting.
...taken a look at your risks.
...written policies and procedures.
...trained personnel.

In short, you’ve made a plan and followed it.

Now What?
Keeping Your Program Healthy Means:

- Keeping security-related overhead low so you won’t have to choose between information security and your core mission.
- Testing procedures to make sure they work
  - Incident response is your most important area to test, because when you need it, something has already gone wrong.
- Reviewing policies to ensure that they still fit your project or organization well.
- Risk Assessment, Program Evaluation
Congrats, your job is security.

(and science, and teaching, and mentoring interns, and getting grants, and...)

What should we test and how often should we test it?
How much policy review is enough?
Q&A
Section 7: Conclusion
CTSC Cybersecurity Program Processes & Core Tools

Tools
- Best Practices
- Risk Assessment
- Program Frameworks

Establish Program
Identify Assets & Document Environment
Select Baseline Controls
Implement and Tailor Controls
Evaluate Control Effectiveness
Evaluate & Refine Program
Putting it all in place

New Projects:
- Put security practices in place as parts of your project/CI come online.
- You can and should evolve your program over time: don’t get stalled trying to do everything at once.
- Focus on hygiene (e.g., best practices) first, and big dangers as they become apparent (grey pigeons and black swans).

Established Projects:
- Documenting your assets may be a big job. Do it anyway.
- Find gaps, then prioritize and fill.
- Implement changes in stages rather than all at once.
- The more you grow, the more you’ll want to consider automation.
Next steps for our team.

1. Incorporating your feedback and ideas in our training and the Guide.
2. Information of budgeting for cybersecurity personnel and programs
3. Consider implications of int’l collaboration
4. trustedci.org/survey
Review

1. Introduction & Overview
2. Establishing a Cybersecurity Program
3. Policy Development
4. Putting It To Work
5. The Daily Joy
6. Keeping Your Program Healthy
Resources

● Center for Trustworthy Scientific Cyberinfrastructure
  ○ http://trustedcii.org/application
  ○ http://trustedcii.org/webinars/
  ○ http://trustedcii.org/situational-awareness/
  ○ http://trustedcii.org/guide/
  ○ http://trustedcii.org/ctsc-email-lists/

● Critical Security Controls
  ○ https://www.sans.org/critical-security-controls/

● NIST Cybersecurity Framework
  ○ http://www.nist.gov/cyberframework/

● NIST Special Publications
  ○ http://csrc.nist.gov/publications/PubsSPs.html
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Thanks!

Let’s eat.