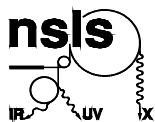


# Integrated Safety Management

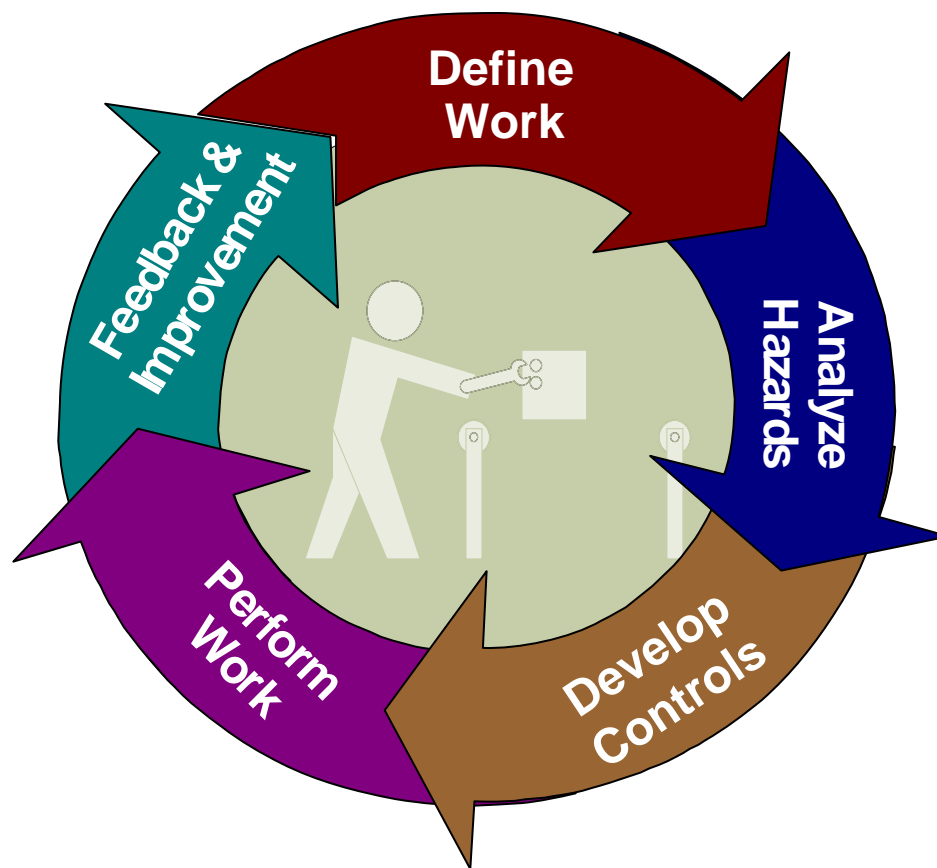
## Safety Moment

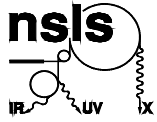
Clear Roles and  
Responsibilities



# All Work is Planned Integrated Safety Management

## Five Core Functions

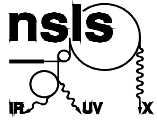




# Integrated Safety Management (ISM) Guiding Principles

---

1. Line management responsibility for safety
- 2. Clear roles and responsibilities**
3. Competence commensurate with responsibilities
4. Balanced priorities
5. Identification of safety standards and requirements
6. Hazard controls tailored to the work
7. Operations authorization

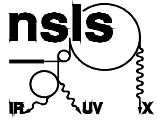


# Clear Roles and Responsibilities

---

## Guiding Principle #2

Clear and unambiguous lines of authority and responsibility  
ensure that safety shall be established and maintained at  
all NSLS organizational levels



# Clear Roles and Responsibilities

---

## Guiding Principle #2

### **Role:**

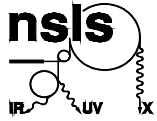
The broad "umbrella" terms that define the function that an individual performs within the organization.

Example – Work Control Coordinator

### **Responsibility:**

The obligation to ensure initiation and/or implementation and/or completion of a measurable activity.

Example - Perform weekly inspection of 90-Day Hazardous Storage Shed

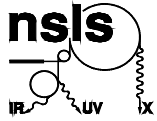


# Clear Roles and Responsibilities

---

## How are Roles and Responsibilities Defined for the Worker?

- **Standards Based Management System (SBMS)**
  - Subject Areas
- **R2A2**
  - Roles, Responsibilities, Accountabilities and Authorities
  - Agreed upon by discussion between the worker and supervisor
- **Worker Qualification Matrix**
  - Type of work the worker is qualified for
  - Based on Activities, Hazards, Controls, Job Training Analysis, Procedures
  - Example: LOTO Responsible or Knowledgeable for a particular system

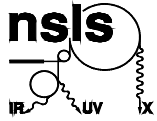


# Clear Roles and Responsibilities

---

## How are Roles and Responsibilities Assigned to the Worker?

- **Worker Planned Work**
  - Pre-screened work assigned by supervisor based on worker's qualification matrix
- **Work Permits Assign**
  - Requester, Contact, Work Control Coordinator
  - Waste disposition by...
  - Service Provider, Start Authorizer
- **Experiment Reviews Assign**
  - Principle Investigator, Waste Manager, Experiment Close-Out
  - Personnel associated with the experiment
  - R2A2s for Principle Investigator, Lead Person, and Users



# ISM Safety Moments Summary

- 
- **ALL WORK IS PLANNED**
    - Five core functions
  - **Planning includes:**
    - Reference to accepted standards
    - Controls tailored to circumstances
  - **Work begins when authorized**
    - Supervisor
    - Worker Planned Work
    - Training verified
    - Procedure
    - Work permit
    - Safety Approval Form
  - **Clear Roles and Responsibilities**
    - R2A2's
    - Qualification Matrices
    - Work Planning
    - Experiment Review