

Physics and Astronomy Safety Committee Agenda and Notes– 9/25/2025

1. Welcome

- a. Departing committee members:
 - i. Mark Smith, retired June 2025
 - ii. Seth Fultz, departed Sept 19

2. 2025-2026 ISP Goals:

- a. Utilize HSI online training for all assigned safety training, and establish specific sub-groups for different lab types (Lab Safety Fundamentals (CHP), Haz Comm – Comprehensive, biological, laser, Prime Lab, etc...)
 - 1. Status: In progress. **Jennifer Kraus is with us today to share more about the training platform**
- b. Have at least two people trained as Physics and Astronomy Administrators for HSI platform online safety training, via Jennifer Kraus
 - 1. Status: Completed. Greg Chmiel, Keith Schmitter, Andy Robison, Mark Smith (since retired)

3. Environmental Health and Safety Announcements

- a. Jennifer Kraus, HSI portal demo
 - i. HSI login now includes PU career account credentials
- b. Judah Young, if applicable

4. Review Near Miss / First Report of Injury (Keith Schmitter)

- a. Near Miss – improper gas cylinder transport near PHYS B026 (lab operated by NUCL)
- b. FROI – skin puncture/abrasion on thumb in PHYS attic while moving equipment. Resolution: install safety station in attic with easy access to

gloves, Hazard Assessment, SOPs, and other PPE such as safety glasses and optional dust masks

5. Announcements (Andy Robison)

- a. 2025-2026 ISP Self-Audit process underway
- b. New labs, safety processes in progress
 - i. PHYS B014 – Prof. Zhu
 - ii. PHYS B015B – Prof. Zeng
 - iii. PHYS 289 – Prof. Shivaram
 - iv. PHYS G65 – Prof. Zeng (open later this semester)
- c. Graduate student training improvements
 - i. Safety training during new graduate student orientation:
 - 1. PHYS Safety 101 – general building safety
 - 2. PHYS Safety 201 – overview of lab safety, signage, gas cylinder handling, pedestrian awareness, building security, slips/trips/falls

OLD BUSINESS

8. Lead brick handling and consolidation

NEW BUSINESS

10. Upcoming events

- a. Safe + Sound Week 2025, Sept 22-26
 - i. Kick off event, Sept 22, 9:30am-12:30pm, HAMP B245
 - ii. Closing event, Sept 26, 9:30am-12:30pm, HAMP B245
- b. EHS Summit and EXPO (known formerly as Safety Chair Event)
 - i. November 12, 7:30am-11:30am

11. Purdue Incident Breakdown Report – from EHS

FY2025 Final Numbers

Nature of Injury				Body Part			
What was the injury. This chart is most helpful after using Injury Cause filter				This chart is most useful after the Injury Cause or nature of Injury filter is used			
Nature of Injury	Fiscal Year			Body Part Group	Fiscal Year		
	2023	2024	2025		2023	2024	2025
CONTUSION	220	241	250	HAND	304	336	341
SPRAIN/STRAIN	169	171	164	HEAD	77	63	89
LACERATION	128	153	156	ARM	67	92	67
BURN	79	91	102	FOOT	71	65	66
PUNCTURE	78	85	74	BACK	42	62	65
INFLAMMATION	20	31	27	KNEE	43	50	51
CRUSHED	15	11	21	LEG	37	35	41
INHALATION/ASPHYXIATI..	11	12	18	MULTIPLE BODY PARTS	35	42	35
FOREIGN BODY	4	11	17	EYES	19	23	28

FY2026 Current Numbers

Nature of Injury					Body Part				
What was the injury. This chart is most helpful after using Injury Cause filter					This chart is most useful after the Injury Cause or nature of Injury filter is used				
Nature of Injury	Fiscal Year				Body Part Group	Fiscal Year			
	2023	2024	2025	2026		2023	2024	2025	2026
CONTUSION	11	24	16	16	HAND	21	31	26	28
SPRAIN/STRAIN	6	17	14	15	ARM	6	10	2	10
LACERATION	15	18	16	12	HEAD	8	4	5	7
PUNCTURE	7	3	8	11	FOOT	1	9	6	6
ALLERGIC REACTION	2	1	1	6	LEG	1	2	7	5
CRUSHED	3		1	4	KNEE	2	5	4	4
BURN	2	4	1	3	CHEST		2		4
INFLAMMATION		2	3	2	BACK	2	4	7	3
CONCUSSION		1		2	SHOULDER	4	3	1	2

Early FY26 data shows similar injury patterns to FY25:

- **Contusions**
- **Sprains/Strains**
- **Hand and Arm injuries**

12. Next meeting, Nov. 6, 2025 at 2:00pm

13. Adjourn