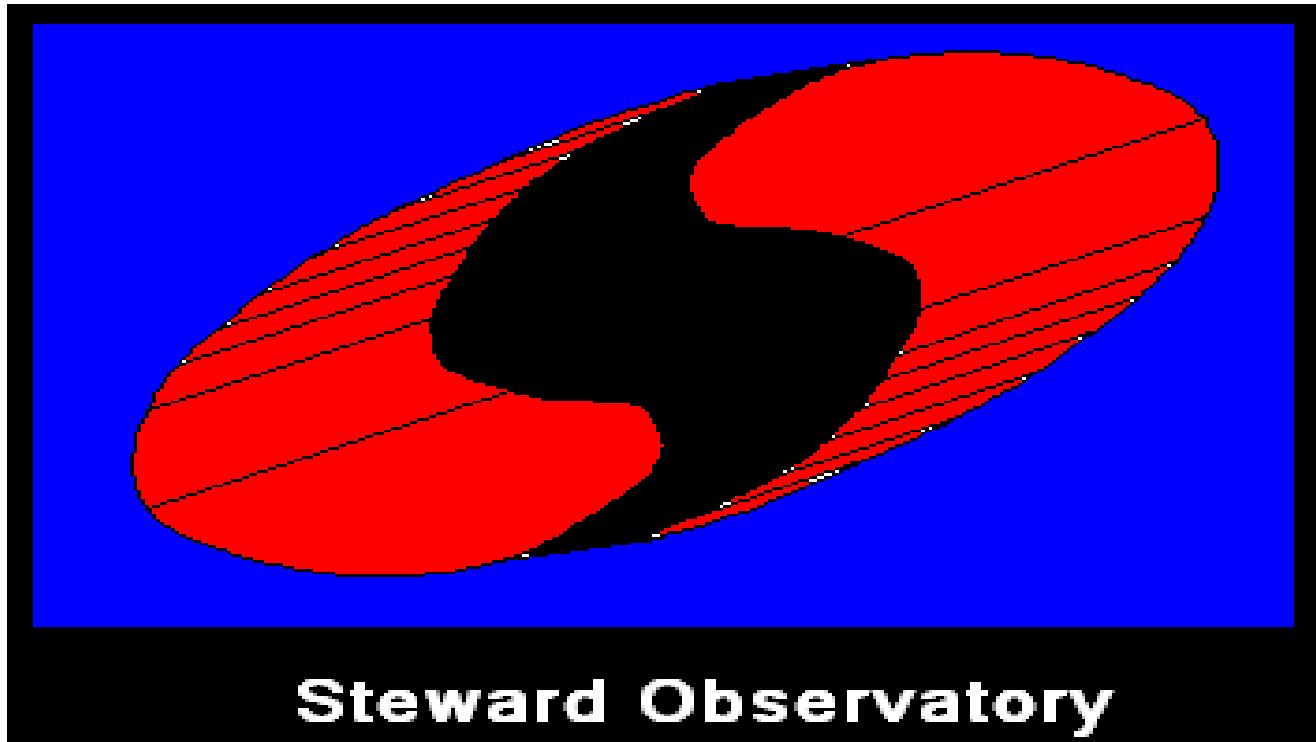




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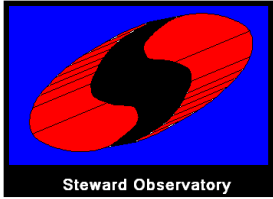
Astronomy
& Steward Observatory

Safety and You!



April 9, 2019

Safety and You!

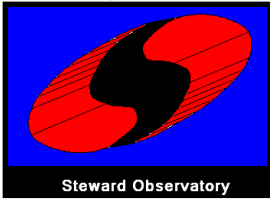


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Astronomy
& Steward Observatory

Welcome to the Steward Observatory Safety Committee Meeting April 9, 2019

Safety and You!



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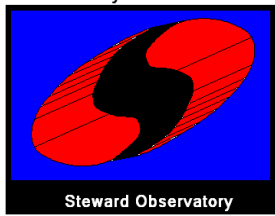
Astronomy
& Steward Observatory

LOCATION: Steward Observatory N305

TIME: 9:00 -11:00 AM

AGENDA

- 9:00 – 9:20 AM **Welcome and Safety Update** – *Chad Bender, SOSOC Faculty Rep.*
- 9:20 – 9:50 AM **Poison Opioid Use** - *Dr. Steven Dudley*
- 9:50 – 10:20 AM **Ask a Question, Save a Life** – *David Swihart MC,LPC UA Life & Work Connections*
- 10:20 – 10:50 AM **Safe Use of Cryogenics** - *David Christian and Dylan Scott, Airgas Liquide*

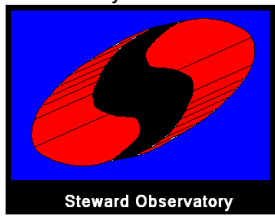


Welcome & Updates

Dale Webb



- **Safety Program Accomplishments**
- **Safety Management System Updates**
- **Site Safety Improvements in 2018**
- **Update on FM Planned Rehab of Building 65**
(Mark Buglewicz)
- **High Light Major Safety Threats**
- **Industrial Commission of Arizona/ADOSH**



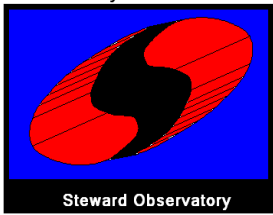
Welcome & Updates

Program Accomplishments



2006 to 2018

- 316 inspections
- 1215 infractions fixed
- 130 monthly safety meetings
- 400 Action items solved



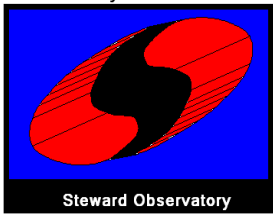
Welcome & Updates

Program Accomplishments



✓ Reduced Injuries and Lost Days

- 2006 14 Osha Accidents 164 Lost days
- 2007 13 7
- 2008 8 0
- 2009 4 0
- 2010 8 6
- 2011 8 33
- 2012 7 10
- 2013 6 0
- 2014 4 0
- 2015 4 0
- 2016 3 0
- 2017 4 18
- 2018 3 0



Welcome & Updates

Program Accomplishments



Site Safety Improvements in 2018

.5 Meter Telescope (5)

12 Meter (3)

ITL (2)

Kitt Peak (3)

LBTO (21)

MGIO (3)

Mirror Lab (3)

MMTO (4)

Bigelow (8)

Mt Lemmon (3)

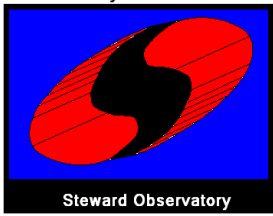
Sunnyside (0)

OSC Optics (4)

SMT (2)

Steward Observatory (3)

VATT (0)



Welcome & Updates

Safety Management System Update



➤ **Added 4 New Executive Safety Committee Members in 2018**

Sean Keel (SMT/ARO)

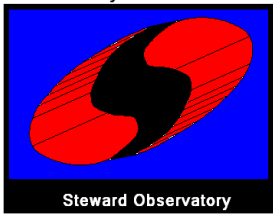
Joe Hoscheidt (Mtn. Operations)

Kerry Gonzales (Engineering Advisor)

Ken Don (IR Group)

➤ **Increased Safety Shoe Reimbursement to \$100**

➤ **See the SO Safety Manual for details**



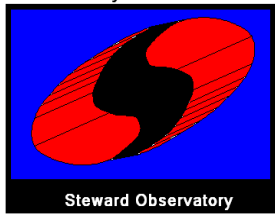
Welcome & Updates

Safety Management System Update



- **NEW Top Priority Safety Designation**
 - Identification of lagging safety items
 - Includes all work sites
 - Work with qualified resources to identify solutions
 - Define scope of work & costs
 - Obtain funding resources and authorization to proceed
 - Monitor monthly progress
 - Close out safety item

- **Do you have items for this list?**
 - **Talk to your SOSC Exec Committee Rep.**



Welcome & Updates

Planned Rehab of Building 65



Scope of work Building 65

West wing, center building and North wing

Anticipated Schedule

February: RFQ released – Design / Build

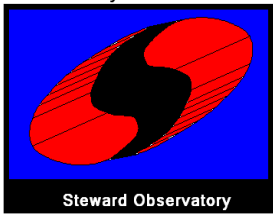
March: Interviews with RFQ respondents

March: FM meeting with SO occupants to introduce project and provide background

April: vendor selection

April – June: Design

July 2019 – July 2020: Build (though Chris hopes to shorten this)



Welcome & Updates

Planned Rehab of Building 65



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Work anticipated by FM

Air handlers

Ducting

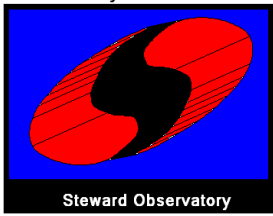
Terminal boxes

Roofing – including expansion joint between buildings

Outside envelope

Project Communication

- Monthly meetings with FM to keep building occupants informed
- Work will be coordinated with the Steward Observatory Director's Office and occupants
- Possible "surge" space is being investigated



Welcome & Updates

Highlight Major Safety Threats



➤ Major Safety Threats

➤ Caution – Fire Season

➤ Telescope site

➤ Tucson

➤ **NOTE: NWS Fire Weather Watch issued for Wed & Thurs**

➤ Heat & Sun Protection Working Outdoors

➤ Know the symptoms of heat related illnesses

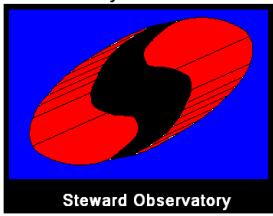
➤ Protect against UV radiation

➤ Driving

➤ Fall Protection

➤ #1 OSHA Violation since 2011

➤ No Coincidence - OSHA Stand-Down Awareness Week May 6-10



Welcome & Updates

Highlight Major Safety Threats



Mirror Lab Receives: Industrial Commission of Arizona *Chairman's Award!*

Recognizing the amazing employers and employees in Arizona who go above and beyond the OSHA workplace safety standards



***The Mirror Lab demonstrated a strong safety culture on UA campus -
ADOSH Director Jessie Atencio***