# Astronomy Mini Museum

Briana Indahl

# Overview

- \$1000 initial funding from Cox Fund
  - 12 8x8 research images
    - 2-3 per group (Planets, ISM, Stars, Exgal, Theory)
  - 8 panel and 6 panel mural (14 20x20 images)
  - 10 20x16 Hubble prints
    - 2 per group
  - 9 12x12 prints for telescopes and instruments
    - 5 McDonald Telescopes
    - GMT
    - 3 recent instruments

- Cheap 4x6 frames, cardstock, double sided tape, nails

# **Research Images**

- Planets
  - Marshall Johnson
  - Adam Kraus
  - Brendan Bowler
- ISM
  - Yao-Lun Yang
  - Jacob/Kyle IGRINS??
- Stars
  - Fritz Benedict
  - Jeff Silverman

- Exgal
  - Steve Finkelstein
  - Rachael Livermore
  - Kristy McQuinn
- Theory
  - Jacob Hummel ?
  - Benny Tsang ?





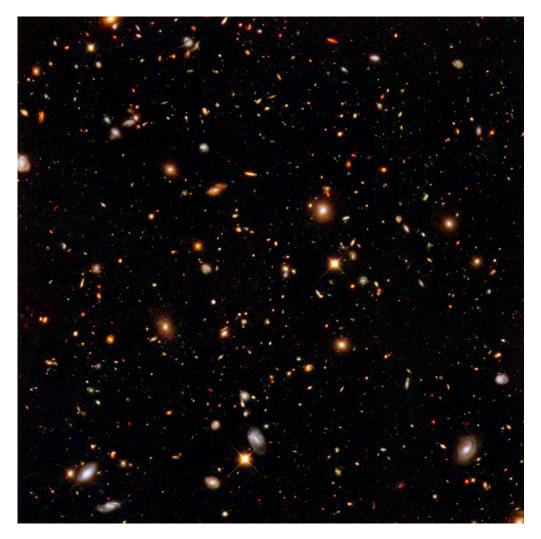
# Murals

http://hubblesite.org/gallery/wall\_murals/



# Murals for 16 and 17 floor





80x 40 inches

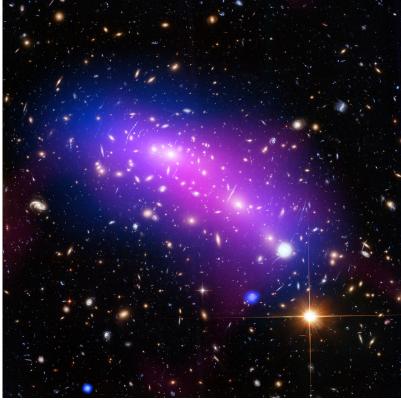
80x 80 inches

# Exgal

#### Stephan's Quintet



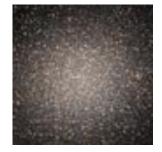
#### Colliding Galaxy Clusters -MACS J0416



# Stars

#### Merging Clusters in 30 Doradus





#### **Omega Centauri**

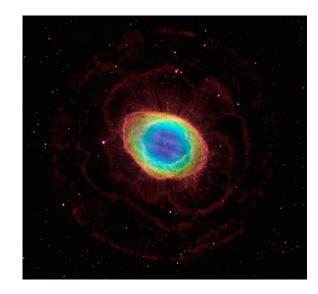
#### Flash from Star V838 Monocerotis



# ISM

#### Horsehead Nebula in optical and IR





Ring Nebula



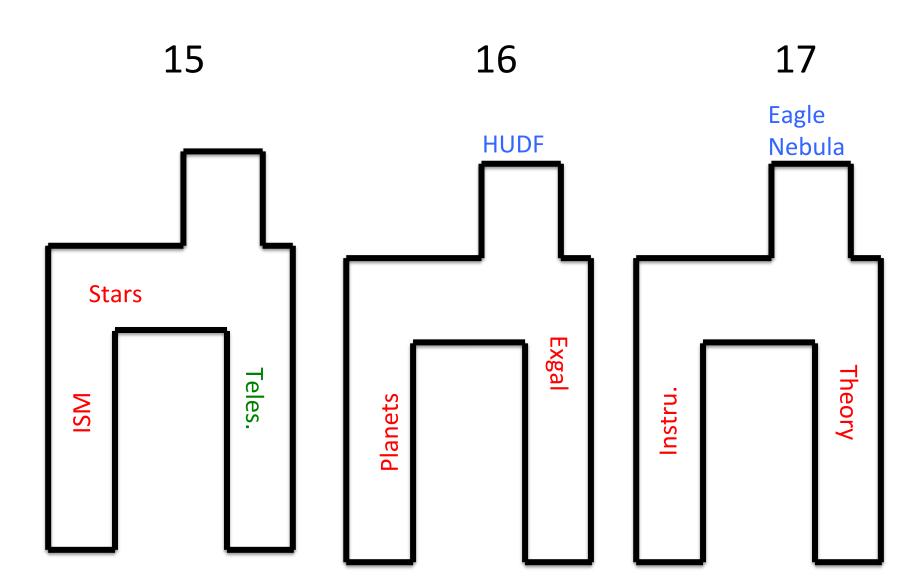
Veil Nebula SN Remna nt

# Planets

#### Orion Nebula with proplyd highlights



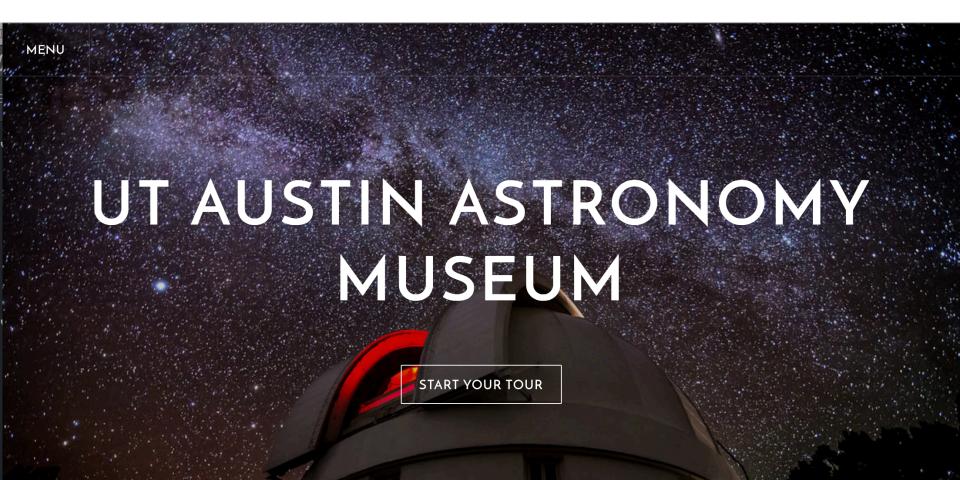
### Layout



### Website Preview

# Made with Weebly because the source code is free!

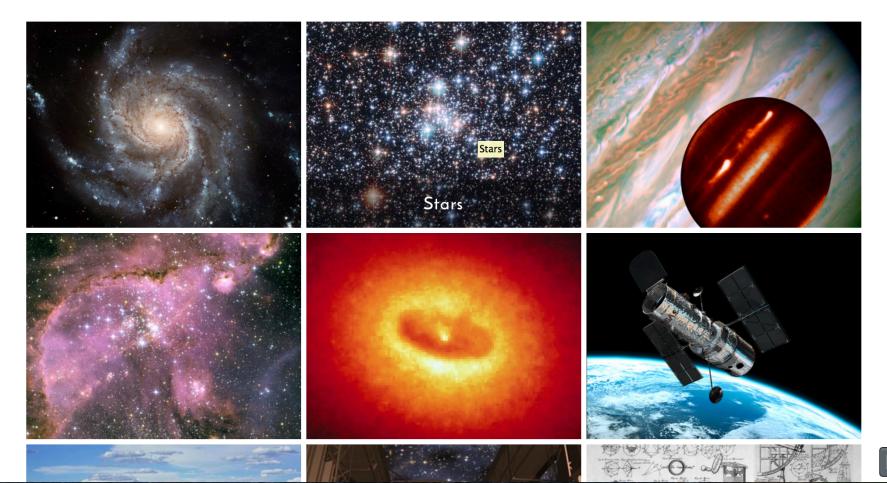
### Cover page



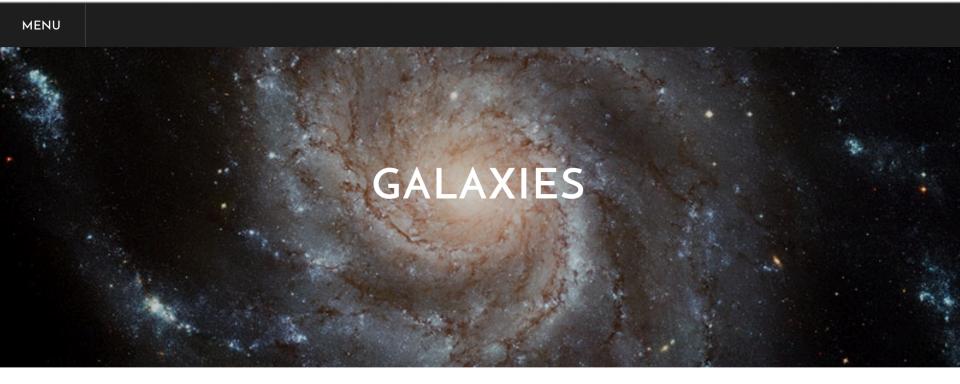
### Page with all of the exhibits

MENU

### **Exhibits**



### Page with Galaxies exhibit



#### **Classic Images**



### Page with the McDonald Exhibit

MENU

# MCDONALD OBSERVATORY

### Telescopes at McDonald Observatory



### Page for research image withing Stars exhibit

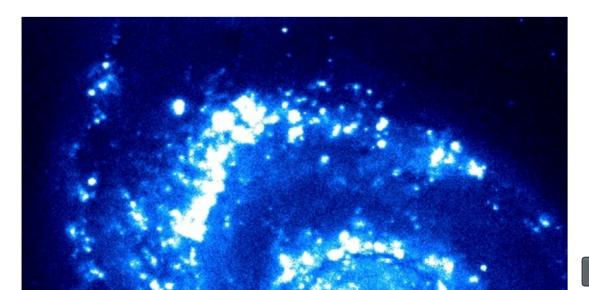
MENU

### SUPERNOVAE IN THE WHIRLPOOL GALAXY

### Jeffery Silverman

#### Postdoc

This is an image of the Whirlpool Galaxy (also known as Messier 51), which is a spiral galaxy in the constellation Canes Venatici and is about 23 million light-years away. The image was obtained using the DIAFI (Direct Imaging Auxiliary Functions Instrument)



# Points for discussion

- Audience for descriptions?
   Website vs. wall plaque
- Posters
  - What to do with them after they are taken down
  - How many stay up? Where? How long?
  - Curator regulate posters
- Where to add for the future
  - More research prints!
  - Instrumentation tours
  - History of Texas astronomy James Bryan
- McDonald Observatory Visitors Center

   Funding would come from McDonald