Research Experience for Undergraduates
at the
University of Wyoming

Tentative Schedule for 2018

Planned excursions: Hiking in Medicine Bow National Forest; camping trip to Grand Tetons & Yellowstone National parks
Additional possibilities: whitewater rafting, mountain biking, tour of Territorial Prison

Week 01 beginning on May 21
Monday:
- Orientation breakfast
- Collaborations and Working in Groups
- Intro to UWyo computing
- WIRO orientation: observatory safety, night sky (planetarium)
- Meet the Department (picnic dinner)

Tuesday:
- Science overview: *Radial Star Formation Histories of Galaxies*

Wednesday & Thursday & Friday:
- Seminar: *IRAF and Optical Data Processing*
- IRAF photometry practice project
- Observing Training

Friday:
- Journal Club & Group Meeting

Week 02 beginning on May 28
Observing: WIRO
Tuesday & Wednesday:
- Seminar: *Python and Scientific Programming*

Thursday:
- Seminar: *Star-Forming Galaxies*

Friday:
- Journal Club & Group Meeting

Week 03 beginning on June 04
Observing: WIRO
Monday, Tuesday, Wednesday:
- IRAF & photometry
Thursday: (4:00)
Seminar: Writing a Paper for Refereed Journals in Astronomy MB
Seminar: The Ins and Outs of Applying to Graduate Schools MB
Friday:
Journal Club & Group Meeting

**Week 04** beginning on June 11
Observing: WIRO
Data Processing & Analysis
Tuesday:
The Era of Extremely Large Telescopes MP
Thursday:
Circumstellar Disk Theory HJC
Friday:
Meet with / present to Upward Bound
Journal Club & Group Meeting

**Week 05** beginning on June 18
Observing: WIRO
Wednesday:
Seminar: Large-Scale Structure of the Universe AM
Data Processing & Analysis
Friday:
Journal Club & Group Meeting

**Week 06** beginning on June 25
Observing: WIRO
Data Processing & Analysis
Wednesday:
Seminar: Web page design DD
Seminar: How to Give a Professional Presentation in Astronomy DD
Friday:
Journal Club & Group Meeting

**Week 07** beginning on July 02
Data Processing & Analysis
Thursday:
Seminar: Attending a Science Conference HJC
Friday:
Journal Club & Group Meeting

**Week 08** beginning on July 09
Monday through Thursday:
Trip to Grand Teton and Yellowstone National Parks
Friday:
Journal Club & Group Meeting
Learn spectroscopy observations at WIRO w/Kobulnicky?

**Week 09** beginning on July 16
Data Processing & Analysis

**Tuesday:**
- Seminar: *Preparing for the GRE; resumes; alternative careers*  
  RM
- Start observing for Brotherton's AGN project?

**Tuesday:**
- Seminar: *Ethics in Science*  
  CK

**Thursday:**
- Seminar: *Making a poster for an AAS Meeting*  
  DD

**Wednesday:**
- Seminar: *Quasar Clustering and the Big Bang*  
  MN

**Friday:**
- Journal Club & Group Meeting

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**Week 10 beginning on July 23**

Data Processing & Analysis

Work on poster presentations

**Thursday:**
- Farewell Dinner  
  DD