



***Research Experience for Undergraduates***  
at the  
*University of Wyoming*

**Tentative Schedule for 2017**

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

**Week 01      May 30 – June 02**

*Tuesday:*

Orientation breakfast	DD
Collaborations and Working in Groups	DD
Intro to UWyo computing	CK
WIRO orientation: observatory safety, night sky (planetarium)	CK
Meet the Department (picnic dinner)	DD

*Wednesday:*

Science overview: <i>Exoplanets Today &amp; Tomorrow</i>	HJC
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*Thursday:*

Journal Club & Group Meeting	
<i>Wednesday &amp; Thursday &amp; Friday:</i>	
Seminar: <i>IRAF and Optical Data Processing</i>	DD
IRAF photometry practice project	DD
Observing Training	CK

**Week 02      June 05 – June 09**

Observing: WIRO

*Monday, Tuesday, Wednesday:*

PyRAF	DK
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*Thursday:*

Circumstellar Disk Theory	DK
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*Friday:*

Journal Club & Group Meeting

**Week 03      June 12 – June 16**

Observing: WIRO

*Monday & Wednesday:*

Seminar: <i>Python and Scientific Programming</i>	AM
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*Wednesday, Thursday, & Friday:*

IRAF & photometry

Seminar: Large Telescopes

MP

Friday:

Seminar: *How to Give a Professional Presentation in Astronomy*

DD

Journal Club & Group Meeting

**Week 04      June 19 – June 23**

Observing: WIRO

Data Processing & Analysis

Tuesday:

Seminar: *Runaway Massive Stars*

WC

Wednesday:

Seminar: *Writing a Paper for Refereed Journals in Astronomy*

MB

Thursday:

Seminar: *The Ins and Outs of Applying to Graduate Schools*

MB

Friday through Monday:

Trip to Grand Tetons and Yellowstone National Parks

**Week 05      June 26 – June 30**

Observing: WIRO

Wednesday:

Seminar: *Large-Scale Structure of the Universe*

AM

Data Processing & Analysis

Friday:

Journal Club & Group Meeting

**Week 06      July 03 – July 07**

Observing: WIRO

Data Processing & Analysis

Wednesday:

Seminar: *Web page design*

DD

Friday:

Journal Club & Group Meeting

**Week 07      July 10 – July 14**

Data Processing & Analysis

Thursday:

Seminar: *Star-Forming Galaxies*

JS

Seminar: *Attending a Science Conference*

HJC

Friday:

Journal Club & Group Meeting

**Week 08      July 17 – July 21**

Data Processing & Analysis

Tuesday:

Seminar: *Ethics in Science*

CK

Wednesday:

Field trip: *National Renewable Energy Lab & Colorado Rockies*

*Friday:*

Journal Club & Group Meeting

**Week 09**      **July 24 – July 28**

Data Processing & Analysis

*Tuesday:*

Seminar: *Preparing for the GRE; resumes; alternative careers*

RM,DD

*Thursday:*

Seminar: *Making a poster for an AAS Meeting*

DD

*Wednesday:*

Seminar: *Quasar Clustering and the Big Bang*

MN

*Friday:*

Journal Club & Group Meeting

**Week 10**      **July 31 – August 04**

Data Processing & Analysis

Work on poster presentations

*Thursday:*

Farewell Dinner

DD