



Research Experience for Undergraduates
at the
University of Wyoming

Tentative Schedule for 2019

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 20

Monday:

Welcome breakfast	DD, CK
Orientation: Laramie in the summer, mountaintop safety	DD, CK
Collaborations and working in groups	DD
Intro to UWyo computing	CK
Astronomical coordinate systems (planetarium)	CK
Dinner	DD

Tuesday:

Science overview: <i>Weighing Supermassive Black Holes</i>	MB
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Wednesday & Thursday & Friday:

Seminar: <i>IRAF and Optical Data Processing</i>	DD
Observing Training	MB

Friday:

Journal Club & Group Meeting

Week 02 beginning on May 27

Observing: WIRO

Tuesday & Wednesday:

Seminar: <i>Python and Scientific Programming</i>	JMc
Seminar: <i>The Era of Extremely Large Telescopes</i>	MP

Friday:

Journal Club & Group Meeting

Week 03 beginning on June 03

Observing: WIRO

Monday, Tuesday, Wednesday:

IRAF & photometry

Tuesday:

Seminar: Bowshock Nebulae	WC
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Thursday:

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 10

Observing: WIRO

Data Processing & Analysis

Tuesday:

Seminar: *Galaxy Star Formation Rate Indicators* JS

Thursday:

Seminar: *Circumstellar Disks* HJC

Friday:

Meet with / present to Upward Bound

Journal Club & Group Meeting

Week 05 beginning on June 17

Observing: WIRO

Tuesday:

Seminar: *AGN Clustering* BL

Data Processing & Analysis

Friday:

Journal Club & Group Meeting

Week 06 beginning on June 24

Observing: WIRO

Data Processing & Analysis

Friday:

Journal Club & Group Meeting

Week 07 beginning on July 01

Data Processing & Analysis

Wednesday:

Seminar: *Quasar Clustering and the Big Bang* AM

Thursday:

Seminar: *Attending a Science Conference* HJC

Friday:

Journal Club & Group Meeting

Week 08 beginning on July 08

Monday through Thursday:

Trip to Grand Tetons and Yellowstone National Parks

Friday:

Journal Club & Group Meeting

Week 09 beginning on July 15

Data Processing & Analysis

Tuesday:

Seminar: *Preparing for the GRE; resumes; alternative careers* RM
Tuesday:
Seminar: *Ethics in Science* CK
Thursday:
Seminar: *Making a poster for an AAS Meeting* DD
Friday:
Journal Club & Group Meeting

Week 10 beginning on July 22

Data Processing & Analysis
Wednesday:
Seminar: *Web page design; Giving a Science Talk* DD
Work on poster presentations
Friday:
Farewell Dinner DD