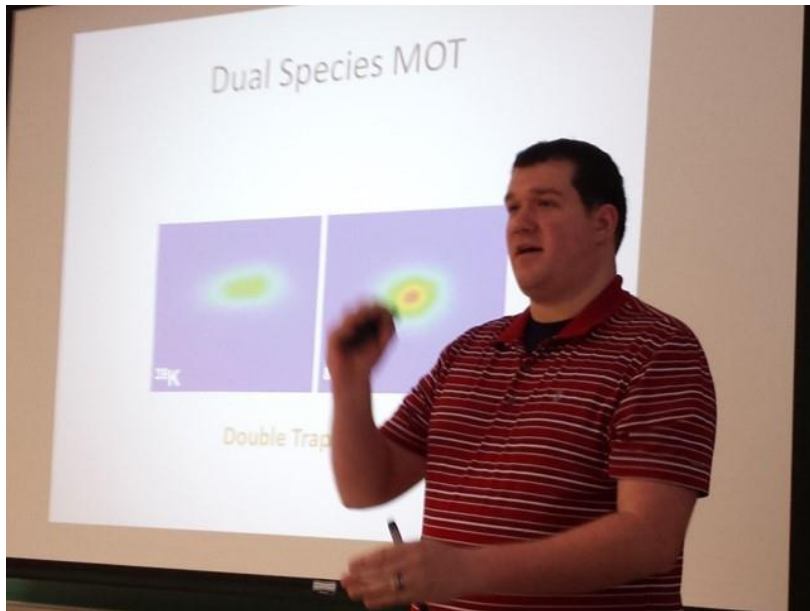
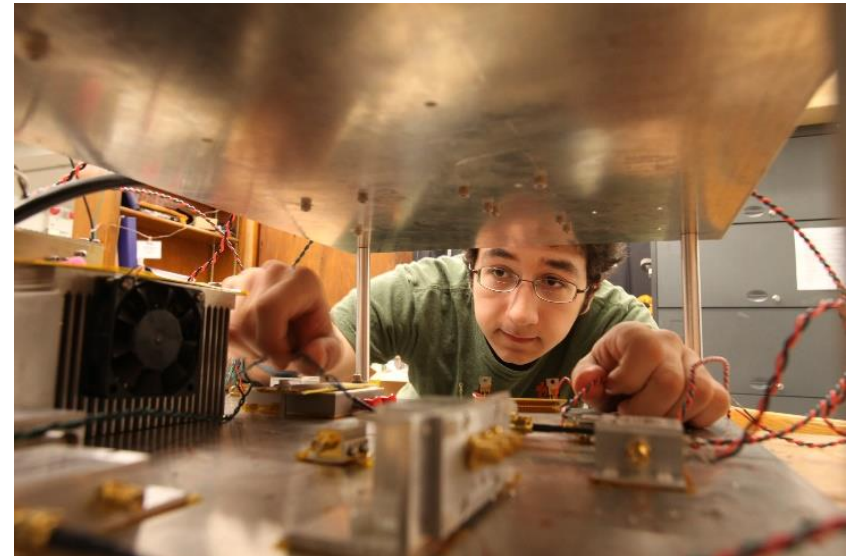


Physics 309: Undergraduate Seminar

(i.e. listening to, analyzing, and giving science talks)



Tuesdays: 2-3:20pm
Small Hall room 122 or 235



Instructor

Prof. Seth Aubin

Office: room 255, Small Hall, tel: 1-3545

Lab: room 069, Small Hall (new wing), tel: 1-3532

e-mail: saubi@wm.edu

web: <http://www.physics.wm.edu/~saubin/index.html>



Office hours:

Aubin: Open office hours and Mondays 3-4pm.

Course Objectives

Effective **oral communication** of science and research.
(i.e. listening, analyzing, and presenting)

The course will include the following:

- Seminar-style talks by physics professors.
- **Short talks** (10-15 minutes) by students.
- Abstract writing (100-150 words).
- **Discussions** of physics research topics and journal articles.
- In-depth exposure to **research in Physics Department**.
- Assistance in identifying a senior thesis topic.
- Searching the **scientific literature**.

Course Work

➤ Participation

Attendance to talks, participation in discussions, questions during talks.

➤ Short talk

- 10-15 minutes talk on a topic of current research interest in physics.
- Short summary abstract (100-150 words).

Weighting

Participation: 50 %

Short talk: 50 %

TOTAL = 100 %

CAUTION !!!



Important academic deadlines

Add/drop deadline: Friday, January 31, 2019

Withdraw deadline: Monday, March 23, 2019

Schedule (I)

Week 1: 1/28 – room 235

Intro to Undergraduate Seminar

Week 2: 2/4 – room 235

Talk 1: Seth Aubin

Title: Ultra-Cold Matter Technology: Physics and Applications.

Week 3: 2/11

Talk 2

Week 4: 2/18

Talk 3

Week 5: 2/25

Talk 4

Week 6: 3/3

Talk 5

----- Spring Break -----

Week 7: 3/17

Talk 6

Schedule (II)

Week 8: 3/24

Talk 7

Week 9: 3/31

Talk 8

Week 10: 4/7

Talk 9

Week 11: 4/14

Talk 10

Week 12: 4/21

Student Talks, week 1

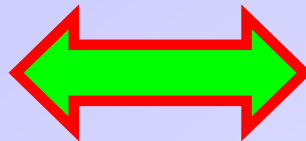
Week 13: 4/28

Student Talks, week 2

Last year's speakers: Jeff Nelson, Tricia Vahle, Eugeniya Mikhailov, Irina Novikova, Bill Cooke, Jo Dudek, Chris Carone, David Armstrong, Mumtaz Qazilbash.

Why Research ?

LEARN **current**
knowledge



CREATE **new** ideas,
knowledge, science,
technology, ...

