

GRSC 8510: Professional Development for Integrated Plant Sciences (IPS)

Introduction:

This 1-credit hour course is a required course for incoming graduate students in the Integrated Plant Sciences Graduate Program. The course will discuss and, to the extent possible within the time frame of the course, practice skills that are essential to be a successful graduate students, including abstract writing, poster preparation and presentation, science communication to the public, outreach and career planning.

All academic work must meet the standards contained in 'A Culture of Honesty'. Students are responsible for informing themselves about those standards before performing any academic work. The link to more detailed information about academic honesty can be found at: <https://honesty.uga.edu/Academic-Honesty-Policy>.

Instructor:

Katrien M. Devos

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Office hours:

For appointments, e-mail me and I will set up a ZOOM call.

Miscellaneous:

When: Yearly; 2nd half of Fall semester (First class is Monday October 19th)

- Mondays: 9:10 am – 10:00 am
- Wednesdays: 9.10 am – 10:00 am

Where: On-line (attendance is mandatory); to join, click [HERE](#)

Grading:

U/S

Students need to attend all classes, actively participate in discussions and complete all assignments in order to receive an S. Any absences from class need to be justified.

Use of computers:

This class will be taught fully on-line. Students are expected to have their video on during the entire class. Consistently doing non-class related activities during the on-line class as judged by students not participating or not knowing what the question was when called upon will result in a grade of 'unsatisfactory'. Cell phones need to be switched off during class.

Tasks:

Tasks need to be completed before the start of the class under which the task is listed.

Tentative Schedule

Mon 19th Oct

1. Time Management

Wedn 21st Oct

2. Managing Citations (Guest Lecture: Kelsey Forester, Science Library)

Tasks:

1. Create an on-line EndNote account (account needs to be established before class)
Go to 'endnote.com', click on 'EndNote online login' and use your UGA e-mail to set up the account.
2. Bring your computer to class.

Mon 26th Oct

3a. Writing a Good Abstract

Wedn 28th Oct

4a. Poster Presentations: Making a Great Poster

Mon 2nd Nov

4b. Poster Presentations: Presenting a Poster

Wedn 4th Nov

5. Basic Rules for Writing Papers

Tasks:

1. Read the paper by Kallestinova et al. (2011) 'How to write your first research paper'
2. 'Writing a journal manuscript' (<https://www.springer.com/gp/authors-editors/authorandreviewertutorials/writing-a-journal-manuscript>);
Read the information under the tutorial and take the quiz.

Mon 9th Nov

6. Giving an Oral Presentation

Task:

E-mail your abstract (info will be given in class on Monday Oct. 26th) to kdevos@uga.edu by 5 pm

Wedn 11th Nov

7. Science Communication to the General Public (Guest Lecture: Kathrin Stanger-Hall, Dept. of Plant Biology)

Mon 16th Nov

8. Outreach: Why? What? Where? How? (Guest Lecture: Post-docs/Graduate students involved in outreach)

Wedn 18th Nov

9. Networking and Collaborating

Mon 23rd Nov

10. Career planning - myIDP

Wedn 25th Nov

Thanksgiving Holiday – No Class

Mon 30th Nov

3b. Abstract Discussion

Tasks:

1. E-mail your poster in .pdf format (info will be given in class on Wednesday Oct. 16th) to kdevos@uga.edu by 9 am
2. Read and critique the abstract assigned to you. Annotate your critique/edits on the abstract

Wedn 2nd Dec

4/5b. Poster Discussion

Task:

Be prepared to present your poster in 5 minutes and answer questions (all students need to be ready to ask questions)

Mon 7th Dec

7b. 3 MT Presentations

Task:

Be prepared to give a 3 MT on your research interest

Wedn 9th Dec

11. Careers for PhD Graduates (presentations)

Learning outcomes:

By the end of the course, the students will have learned:

- How to best manage their time to be as productive as possible.
- How to structure an abstract for a meeting or manuscript.
- How to prepare and use an attractive visual display to communicate their data.
- Some basic rules in writing manuscripts that will enhance their chance of acceptance
- Ways to communicate their science to the general public in a concise and understandable manner.
- The importance of outreach, and ongoing outreach efforts at UGA
- What the career prospects are for PhD graduates.