Wrapping it up

Spark Pre-college Internship Writing Workshop 5
July 25, 2012
Tasks for today...

• Reminder: RAF today
• Writing workshop: wrapping it up
• Discussion of poster and plans for rest of the week
• Write an abstract for EWSS
• 10:45 Nancy to talk about the poster session
• Separation forms for local interns (Scott)

These slides can be found on the website!
Reminder: Research Aviation Facility Trip

• Visit to the Research Aviation Facility is today. 4 to meet Nancy at 12:30 pm, the rest to meet at 1 at the front entrance.

• Schedule:

  1:30 - Arrive at RAF  
  1:30-2:15 - tour of facility  
  2:15-2:30 - informal talk by Julie Haggerty and Kelly Schick  
  2:30-3:15  Talk by Amelia Earhart, followed by questions  
  4 pm Back at Foothills
Internship so far....

Good?
Bad?
Confusing?
Out of the stratosphere awesome?

Do you have any: Questions? Concerns? Problems? Jargon?
We're getting close to the end...

Is anyone feeling intimidated by the elephant?

Remember: you've looked at your research question, your introduction, your methodology and your results already. You only have a few bites to go!
Show of hands...

Who has written their:

• Title
• Introduction/Motivation
• Methods
• Results
• Made figures/plots/diagrams
• Started their poster?

Any questions about any of these?
Parts of a poster

Descriptive title and authors

Organization Logos

Motivation/Introduction

Methodology

Discussion of results

Cool figures, plots or pictures (your results!)

Conclusion

References and Acknowledgements
Conclusions

• Highlights your main results and puts them in context of “why we care”
• Links results back to introduction
• Contain no references and no new material, but is not a paraphrase of what you already said
• May include ‘future work’ or questions that you have uncovered
References

In the text use the author’s name(s) and date e.g. The range of the mosquito is expanding (Smith et al., 2012) or “As shown by Smith et al. (2012)“

In the References section, include the full reference e.g.


For more examples and how to reference non-journal articles:

Acknowledgements

"This work was performed under the auspices of the Spark Pre-College Internship Program."

If there is space, then add this second sentence:

"The Spark Pre-college Internship is funded by the National Center for Atmospheric Research, the University Corporation for Atmospheric Research, and the National Oceanic and Atmospheric Administration. It is managed by Spark UCAR Science Education."

You also need to include the Spark logo and may include the NCAR one if you want to (I’ll email these to you today). Jessica and Alberto, you also need to include the NOAA one.
Poster preparation

I will be available to help you out if you need it
• 9 am – 4 pm Thursday FL2-2006
• 12 – 4 pm Friday FL2-2006
• 12 – 1:30 pm Monday or by arrangement other times (I’ll be in the SOARS colloquium in FL2-1001 if you want to find me)

Posters should be shown to your mentors by the end of the week
And final versions sent to me by 8 am Tuesday (ppt + pdf)
Making your poster

• Should be 3’ x 4’ (either direction)
• Large fonts (36+ point font for text, 56 point for headings and 72 point for title)
• Descriptive title
• Authors – you and your mentor(s)
• Include logos and Spark Pre-college internship acknowledgement
• Not too ‘busy’ – help your reader!
What is an Abstract?

• Your whole paper/poster condensed into a very small space ... it gives the reader all the information they need to know if they want to read the rest

• It usually includes a sentence or two from each of your sections - introduction (with research question), methodology, results and conclusion
• Why do we care?
• What was I trying to answer?
  • How did I answer it?
  • What did I find?
• Why is this important?

Abstracts should stand alone - we should be able to get a feel for your research without reading the whole poster/paper
EWSS Abstract

- Short(ish) descriptive title
- Name, school, city and mentor
- Maximum of 220 words including
  - Why does it matter
  - What question have you asked
  - How have you answered it
  - What did you find
  - Any conclusions you reached

Show it to your mentor this afternoon/tomorrow morning, and send it to me by 8 am on Friday!