

# ASEN 5506 Bioastronautics Seminar

Spring 2009 (1 credit hour)  
3:00-3:50 Wednesdays in Room ECCR 139

*instructor:* Prof. David Klaus  
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*Course URL:* <http://www.colorado.edu/ASEN/asen5506/>

*Research Group URL:* <http://spot.colorado.edu/~klaus/BioastroResearchGroup.htm>

## Objectives:

Bioastronautics Seminar is focused on research areas that address space flight medical and biological topics ranging from human responses to molecular-level concerns, with insight into related engineering design challenges associated with human space flight vehicles and spacesuits. Weekly seminars will be presented primarily by students with occasional guest speakers, as available. This forum provides an opportunity to prepare for upcoming conferences, thesis defenses or other technical presentations you may be planning to give. Audience feedback is an integral part of the process, which is intended to help you refine your presentation skills. In some cases, we may utilize a 'repeat performance' of an earlier presentation that has been revised based on comments. This has proven to be a valuable exercise for improving communication skills and is interesting to see the progress and improvement over the baseline. We will also work on giving 'elevator speeches' and discuss how to prepare a resume or academic Curriculum Vitae (CV).

*Text:* None, based on current literature and ongoing research updates

*Grading:* Grade will be derived from regular attendance and active participation

## Primary Expectations:

- Opportunity to give a presentation summarizing your research
- Attend weekly meeting and provide comments/feedback to speakers
- Assemble a resume or an academic CV (and set up as a web page, optional)

## Secondary Objectives:

- Gain familiarity with CU Bioastronautics emphasis area
- Keep up with relevant NASA Programs (research and exploration)
- Discuss current human space flight events
- Explore an interest for pursuing a topic as a Master's or PhD thesis
- Identify (and seek) funding/fellowship opportunities (NASA, NSF, AIAA, CU, etc.)
- Discuss (and seek) career opportunities in industry, government and academia