

# Center for Space Research

## 3D Geospatial Laboratory Group Expectations

### *Commitment*

1. That you have an articulated, ambitious, self-aware career goal that you would be genuinely thrilled to get and genuinely disappointed not to get. A goal towards which you are committed to dedicating years of your life pursuing and we establish that I am well positioned to help get you there (via resources, experience, etc.)
2. That we use this goal to guide choices, parse opportunities, define success, and organize our time together to ensure that when you leave the group both you and I have done everything in our power to position you for success.
3. That you are comfortable, engaged, and communicative with that goal evolving.
4. That we develop a back-up plan that would also be phenomenal if achieved.
5. That you pursue this goal with Olympic-athlete levels of commitment, intensity, and purpose.

### *Self-Care*

6. That you take care of yourself physically, mentally, and emotionally.
7. That you get enough sleep, take vacations, and cultivate healthy relationships outside the group.
8. That you work in the way and on the schedule that makes you most productive.
9. That you deeply believe in yourself, that you deserve to be here, and minimize the role of ego, shame, and guilt.
10. That you do not believe your own hype and do not operate out of fear of being scooped.
11. That you are comfortable to contact me anytime, day or night, and always feel welcome in my office and home.

### *Teamwork*

12. That you are fiercely loyal to each other.
13. That you treat the group as a team and genuinely hope for, work towards, and celebrate each other's' successes.
14. That you make a sincere attempt to understand, empathize-with, and support each other as people.
15. That you are generous, patient, and self-sacrificial towards less senior/powerful members of the group.
16. That you are respectful of the time, obligations, and challenges of more senior/powerful members of the group.
17. That you ask for help (after trying to figure things out yourself) and do not spin your wheels needlessly in silence.
18. That you are open with each other and with me about the challenges you are facing.
19. That you focus on external rather than internal competition and see teammates as assets, not liabilities.
20. That you respect the areas in which each of you are working and do not poach in each other's space.
21. That you know each other's work well enough to give a pitch that could get any teammate a job interview.
22. That you will build the foundations for life-long collaborations that expand the strength of our alumni network.

### *Citizenship*

23. That you are invested in the success of the group and participate in its leadership, group meetings, and retreat.
24. That you are a good steward of group funds, priorities, culture, and collaborations.
25. That you keep your word to collaborators, each other, and me.
26. That you take an interest in and be ambassadors to the academic community.
27. That you are respectful, friendly, and generous with people from other groups.
28. That you are mindful of how privileged we are and volunteer some of your time to give back and pay it forward.

### *Perspective*

29. That you know the difference between being a scholar and an activist.
30. That you understand what grad school is (not school, but an apprenticeship in academic science and engineering).
31. That you understand the academic and industry job markets and use your time with the group to train to win them.
32. That you think of me as the coach of professional academic athletes rather than the boss of an academic office.
33. That you are confident that I always support you, believe in you, and that if you are pursuing your goal with all you've got and are doing right by others along the way, I will never be disappointed in you.

### *Deliverables*

34. That students develop, by the end of their second year, a coherent, overarching, dissertation theme/plan which reflects them as scholars, advances the state of the field, and about which they are world authorities at graduation.
35. That students will publish 3 papers with their advisor as senior/second author and 1 paper on a "second" project that is outside the scope of their dissertation and substantially supervised by someone other than their advisor.
36. That students apply to all of the significant fellowships for which they are eligible.
37. That students are strategic and purposeful in the classes they take and the time they put into them.
38. That students have a plan to graduate in 4 years and do so in no more than 5 years.
39. That students have lined up an excellent, strategic postdoc or job 6 months before they intend to graduate.
40. That students have a professional website, academic application materials, and apply to at least one job.
41. That postdocs will publish 2 papers per year with their advisor as senior/second author.
42. That postdocs have a plan to get a career-advancing next position in 2 years and do so in no more than 3 years.