

## ASTR 101L, Fall 2017 – Extra Credit Assignments

**Due date: December 6, 2017**

### **Instructions:**

The following page lists five assignments that can be turned in for extra credit in this lab section. You may do any or all of these optional assignments for 1 bonus point each. Bonus points are not factored into the curve for this course, and therefore, they are an excellent way to improve your grade while having a little fun. *These assignments are valid for Amy Glazier's labs only.*

### **To submit extra credit assignments:**

- Complete as many of the assignments as you want.
- Save your file as “ASTR101L (assignment name) – (your name)”
  - E.g.: for the first one, my file name would be “ASTR101L EC1 Amy Glazier”
- E-mail [aglazier@live.unc.edu](mailto:aglazier@live.unc.edu). Attach your file(s) to the e-mail. The subject line should be “ASTR101L.(section number) Extra Credit: (Your Name).”

If you are in the **Monday** lab, your section number is **414**.

If you are in the **Tuesday** lab, your section number is **426**.

EC1 – Favorite object. What is your favorite object we've observed this semester? Write a short paragraph (about 100 words) saying what it is and why. Cite any references you use (listing the book title or website URL at the end is fine). Save it as a Word document and e-mail it to me.

EC2 – Favorite lab. Which was your favorite lab we've done this semester? Write a short paragraph (about 100 words) saying what it is and why. Save it as a Word document or PDF and e-mail it to me.

EC3 – BW image. Take a good image in any HiThru filter of any object of your choice *that we have not observed this semester*. Make it look good in Afterglow, bring out the details in it, then save it and e-mail it to me. (If you need ideas for objects, ask me!)

EC4 – 3-color image. Take GenR, GenG, and GenB images of any object of your choice and combine them to make a 3-color image. You will need Photoshop or some other imaging software to do this, but you should have free access to it through UNC. Save your final color image and e-mail it to me. (If you don't know how to do this, I can show you how!)

EC5 – Lab 3 movie. If you didn't make the movie for Lab 3, make it, save it, and e-mail it to me. (If you already made it, you will get a bonus point for having done it.)