**ATM/MPO 561 Intake Questionnaire**

**1. General situation and interests:**

Name:

What is your school situation (year, program, advisor, research topic if applicable):

Are you safely settled in Miami? Got transport worked out? Any issues/questions to raise?

Where did you just move to Miami from? What were you doing there? (school, job, other?)

Where do you consider your home town?

What curiosity drove you to graduate school in this field?

An event in your life? (a weather event, a fascinating puzzle, news/information)?

Can you articulate a question about that, which you hope this course might address?

**2. Math related show-me-where-you're-at: (attached hand-written questions below)**

a. Functional notation, Derivatives, Differential equations, Vectors, Vector fields

**2. Computer related show-me-where-you're-at:**

a. Do you own/manage a computer? What OS? How much RAM?

b. What's the longest code you've written, what does it do? What language? One file or many?

c. Have you used version control? Have you used git? Do you have a github account?

d. Have you used Python? What packages? For what?

e. Do you know what Jupyter is? (Or live script from Matlab?)

5. Is any of your work published or on the Web? where? (general answer, no need for URLs)

**3. Physical science related show-me-where-you're-at:**

a. Have you had physics classes that used scalar and vector fields? (fluids, E&M?)

**4. Atmospheric dynamics/ meteorology related show-me-where-you're-at:**

a. What courses have you had in the subject of this course specifically?

**Any general worries or hopes or questions or puzzles for the course?**

**Any general conversation starters when you introduce yourself, or ways to help the forgetful professor remember your name or your interests better?**