**GRADUATE PHD THESIS PROPOSAL APPLICATION**

***••Please Print••***

Name:\_Thomas M. Boudreaux\_\_\_\_\_\_\_\_\_\_\_\_ Today’s date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I request approval of the attached thesis topic:

Title: Stellar Models of low mass stars in the local solar neighborhood and in globular clusters

Planned Proposal Date: \_\_May 10th\_2022\_\_\_\_\_\_\_\_\_\_\_ Time: \_\_2 pm\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preferred room: \_\_\_Wilder 203\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Alternate room: \_\_Wilder 103\_\_\_\_\_\_\_\_\_

Thesis Advisor: \_\_\_Brian Chaboyer\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name Signature

Committee Member: \_\_Elisabeth Newton\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name Signature

Committee Member: \_\_\_\_Aaron Dotter\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name Signature

Approved by **Lorenza Viola**



Graduate Adviser: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name Signature

**PhD Thesis Proposal Instructions:**

Submission of this form officially notifies the Department of Physics & Astronomy of the student’s intent to attempt the *Thesis Research Proposal* as the last requirement before the student may advance to PhD candidacy. This year, the form is to be completed and submitted to the Physics & Astronomy Department Office no later than **Friday,** **April 15, 2022**. **A one-page description or abstract of the intended research must be attached.** The student must then deliver the thesis proposal paper (length: 10-20 pages) to their committee **at least five working days** prior to the thesis proposal presentation date. The faculty will also be notified of the proposal presentation **at least five working days** prior to the thesis proposal presentation date. The examination must be attempted by **Friday, May 13**, and must consist of a seminar-style technical presentation (~45 minutes in duration) that is open to all faculty, postdoctoral research associates, as well as a subset of graduate students invited by the adviser. Following open questions, the audience apart from the committee will be excused and the examination will continue. The thesis committee will examine the student to determine their preparation and planning for research, knowledge of the field, as well as general physics or astronomy knowledge. No later than two weeks after the proposal, a cover sheet signed by the committee members is due in the Department Office, along with a copy of the proposal. If any deadlines are missed, the student must petition the Graduate Curriculum and Policy Committee in order to remain in good standing.

**Please continue on the next page**

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List at least **one possible external committee member**, if none is already on the committee:

|  |
| --- |
| Gregory Fieden |
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I passed the departmental **Core Competency Requirement**: \_\_11/22/2021\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (date)

I have completed the following **graduate core courses** (list course number, term, and grade):

|  |
| --- |
| P77, Fall 2019, P |
| A74, Fall 2019, P |
| A115, Winter 2020, HP |
| A118, Spring 2020, HP |
| A117, Winter 2021, HP |
| A116, Spring 2021, HP |
|  |
|  |

I have completed the following terms of **Supervised Undergraduate Teaching**:

|  |
| --- |
| Winter 2020, P13 (1 credit) |
| Spring 2020, A1 (1 credit) |
| Summer 2020, A1 (1 credit) |
| Fall 2021, Winter 2022, Public Observing (2x 0.25 credit) |

I have completed the following additional **courses carrying graduate credit**:

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I plan to complete the following **courses needed to fulfill the requirements** of the PhD:

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I have (co-)authored the following **research article(s) or preprint**(s):

|  |
| --- |
| The Ca II H&K Rotation-Activity Relation in 53 mid-to-late type M-Dwarfs (In. Pres.) |
|  |
|  |

Student: \_Thomas M. Boudreaux\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name Signature