Applicant Data Sheet - Fall 2023

University of Wisconsin–Madison Department of Medical Physics

|  |  |  |  |  |  |  |  |  |  |  |  |
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| Name: | | |  | | | |  | | | |  |
|  | | | | *(last)* | | | *(first)* | | | | *(middle)* |
| What is your ultimate degree goal? | | | | | | |  | | |
| ***Note:*** *If you are considering a PhD after completing your master's degree,* ***select “PhD****”.* | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Rank your top **THREE** fields of interestin Medical Physics. This information is used for *potential* matches with faculty. You can explore areas of research here: https://www.medphysics.wisc.edu/research/ and here: https://www.medphysics.wisc.edu/faculty/ | | | | | | | | | | | |
|  | | | | | |  | | |  | | |
| Other: | | | | | | Other: | | | Other: | | |
|  |  | | |  | | |
| Briefly explain the reasons why you selected the above fields of interest, as related to your career goals. If possible, identify the faculty with whom you’d be interested in working. This is very brief – not the same length or depth as your essay. | | | | | | | | | | | |
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**Name:**

**Please complete the following form describing your previous college and graduate course work. Topics may be covered in more than one course in any given program.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Subject Area** | **Course Topic** | **Taken** | | **Course Number** | **Course Title** | **Grade** |
| **Sem/Term** | **Year** |
| Physics |  |  |  |  |  |  |
|  | **Intro I (must have)** |  |  |  |  |  |
|  | **Intro II (must have)** |  |  |  |  |  |
|  | **Modern (must have)** |  |  |  |  |  |
|  | Optics |  |  |  |  |  |
|  | Mechanics |  |  |  |  |  |
|  | Electronics |  |  |  |  |  |
|  | Electromagnetic Theory |  |  |  |  |  |
|  | Quantum Mechanics |  |  |  |  |  |
|  | Atomic & Nuclear |  |  |  |  |  |
|  | Solid State |  |  |  |  |  |
|  | Other: |  |  |  |  |  |
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| **Statistics** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Math |  |  |  |  |  |  |
|  | **Calculus** |  |  |  |  |  |
|  | Intermediate Calculus |  |  |  |  |  |
|  | Differential Equations |  |  |  |  |  |
|  | Linear Algebra |  |  |  |  |  |
|  | Other: |  |  |  |  |  |
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| **Anatomy & Physiology** |  |  |  |  |  |  |
|  | Intro to Physiology |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **Chemistry** | Intro |  |  |  |  |  |
|  | Advanced - Regular |  |  |  |  |  |
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| **Biology** | (a year of Biology) |  |  |  |  |  |
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| **Computer Science** |  |  |  |  |  |  |
|  | Computer Programming |  |  |  |  |  |
|  | Electronic Instrumentation |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Additional  Courses: |  |  |  |  |  |  |
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**Name:**

Did you have **research experience** prior to applying to our program? (Please list how many hours you did research per week and for how many months.)

*Example: 40 hours per week for 3 months*

*10 hours per week for 15 months*

|  |  |
| --- | --- |
| hours per week for | months |
| hours per week for | months |
| hours per week for | months |
| hours per week for | months |

Do you have any national (e.g. NSF, Goldwater or NASA) fellowships or awards? **List award and year obtained.** (Do not include honorable mentions, runners-up, state/campus/dept/dean’s awards.)

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| **Award** | **Year** |
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Did you have any **peer-reviewed publications** (not meeting abstracts) resulting from work prior to applying? Please list up to 5 of the most recent or significant publications.

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| --- | --- |
| **Citation** | **Year** |
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Please list up to 5 of the most recent or significant **presentations**.

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| --- | --- |
| **Citation** | **Year** |
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**Please complete this form, save as a pdf and upload it to your online application in the** Supplemental Apps **portion.**