Duke Cardea Fellows Program Application

**Default Question Block**

This application will take approximately one hour to complete. Once you begin the application you must complete it. The system can time out and you can lose your work. You are encouraged to preview the questions and write answers prior to beginning the application, you can download a pdf of the survey from the Cardea Fellows website at: [http://cardeafellows.duke.edu/applications](http://cardeafellows.duke.edu/applications) We ask for brief answers (250 words or less), but encourage you to edit carefully and offer thoughtful responses. Please submit your application using this survey.

Before you begin, please note that Cardea Fellows are required to take Chemistry 99D. Before you apply, please read these placement guidelines to assure that you meet our selection criteria: [http://chem.duke.edu/undergraduate/placement-guidelines](http://chem.duke.edu/undergraduate/placement-guidelines)

**IMPORTANT NOTE:** Fellowship candidates will be selected as a result of this application process. Candidates will participate in courses, study groups for chemistry, programming and receive specialized advising as well as textbooks for select prehealth courses. Induction as full Fellows will occur at the end of the first year and will be based upon course performance and engagement, utilization of campus resources, contributions to the fellowship program and demonstrated commitment to a health profession.

Contact Information

<table>
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<tr>
<th>Field</th>
<th>Answer</th>
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<tbody>
<tr>
<td>First Name</td>
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<td>Last Name</td>
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<tr>
<td>E-mail Address</td>
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<tr>
<td>Phone number, including area code</td>
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Email notifications will be sent to you on May 28, 2015 in the afternoon. Will you have access to email on May 28 and 29 to accept an offer of admission to the Cardea Fellows Program?

- Yes
- No

If you will not have email access on May 28 and 29, what is the best way to contact you? (Include phone or email address details, if needed)

Please provide your highest SAT Math score:

Please provide your highest SAT Critical Reading score:

If you have any ACT scores to report, especially if you did not take the SAT, please list Math, then Reading here:

Indicate the last math course you took in high school:

- Algebra
- Geometry
- Precalculus
- Calculus (not AP)
- AP Calculus AB
- AP Calculus BC
- IB Standard Level
- IB Higher Level
- Integrated math course
- Other. If you selected other, please type the name of the math course (do not include statistics).

Please list the courses you have taken in high school in the following subject areas:
Number of years you studied this subject

<table>
<thead>
<tr>
<th>Subject</th>
<th>Fill in the blank</th>
<th>Highest Level Taken in High School</th>
<th>Did this course have a lab?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td></td>
<td>Fill in the blank with honors, AP, IB or name of course (e.g., Env Science, Anatomy and Physiology, Chemistry II etc.)</td>
<td>No Yes</td>
</tr>
<tr>
<td>Chemistry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Other natural science courses</td>
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In High School did you take more than one year of any of the following courses: Biology, Chemistry or Physics? If yes, please describe the courses and indicate whether they were honors, AP, IB, etc. For instance, with three years of biology you might have taken honors biology, AP biology II, and anatomy and physiology.

One of the Cardea Fellows’ first learning community experiences will be in Chemistry 99D. Is Chemistry 99D is an appropriate course for you? Explain why.

Before you answer this question, you will need to read the chemistry placement information at: [http://chem.duke.edu/undergraduate/placement-guidelines](http://chem.duke.edu/undergraduate/placement-guidelines). The Chemistry Department suggests that students with math SAT scores higher than 650 and/or more than one year of high school chemistry should take another course. If you fit either of these situations, please address explicitly why Chemistry 99D is an appropriate course for you.

The Cardea Fellows Program requires a strong commitment to become a doctor, dentist, physical therapist, nurse, vet, physician assistant, pharmacist or other healthcare professional. Briefly describe why you are interested in a health care career, and what experiences have supported this interest. Limit your answer to 250 words or less.
Health professions programs require many college-level science courses as requirements. Please describe your experience with and performance in your high school science courses. Did you enjoy them? Were you challenged by them? Did you do well in them? Limit your answer to 250 words or less.

Select the most important trait or experience that influences your commitment to taking challenging science courses at Duke:

- You are intensely interested in learning the material
- You enjoy the challenge of problem solving
- You will bring pride to your family by becoming a health professional
- You have earned high grades in a previous science course
- You have a deep desire to understand how the natural world works
- You think that studying a challenging subject will give you a competitive edge when applying to health professional schools

Discuss how the trait or experience you selected in the previous question influences your commitment to taking challenging science courses at Duke.

In the Cardea Fellows Program students will be asked to collaborate as a member of a learning community. What have you done in high school to demonstrate collaborative effort(s)? Limit your answer to 250 words or less.

A career in health care will require you to face challenging personal situations. Describe a time when you were faced with an academic, ethical, social, financial, or other type of
dilemma and how you handled the difficulty. Limit your answer to 250 words or less.

From the choices below, please rank the top three activities in which you spent the most time during your last academic year of high school. You can drag and drop and rank the activities into the box below.

<table>
<thead>
<tr>
<th>Items</th>
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</thead>
<tbody>
<tr>
<td>Not applicable</td>
</tr>
<tr>
<td>Academic club or academic competition team</td>
</tr>
<tr>
<td>Caring for siblings or other relatives</td>
</tr>
<tr>
<td>Community service or service club</td>
</tr>
<tr>
<td>Music, dance, or visual arts</td>
</tr>
<tr>
<td>Religious or spiritual activities</td>
</tr>
<tr>
<td>Sport(s)</td>
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<tr>
<td>Student government or other leadership activities</td>
</tr>
<tr>
<td>Youth groups (e.g. Scouts, 4H)</td>
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<tr>
<td>0-5 hours of paid employment per week</td>
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<tr>
<td>6-10 hours of paid employment per week</td>
</tr>
<tr>
<td>11 or more hours of paid employment per week</td>
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</table>

Please briefly describe each of these activities and your involvement. Use this space to describe the activity, your leadership role, if any, and approximate number of hours per week you spent on this activity. Report on activities during the school year and not summer.
Are you applying for or are you already involved in another program which will require a significant time commitment? Examples include: Focus, ROTC, varsity athletics.

- Yes. If yes, please indicate the program
- No

The Cardea Fellows Program is accepting applications for Fellowship candidates. Induction into the Fellowship will be dependent upon course performance and engagement, utilization of campus resources and demonstrated commitment to a health profession and will not occur until Spring of 2016.

- I understand that an acceptance now is to become a candidate for the Cardea Fellowship. If accepted, I will spend my first year working toward being inducted into the Fellowship.

Name of your high school

Location of your high school

- City
- State
- Country

Was your high school public or private?

- Public
- Private

Size of your high school's graduating class:

- 0-50 students
- 51-100 students
- 101-150 students
- 151-200 students
- 201-250 students
- 251-300 students
- More than 300 students
If you have any technical questions about this form, please contact Alyssa Perz-Edwards 919-684-9367, akperz@duke.edu. Thank you for your participation.