



INTEREST TO TEACH FORM
Activity / One-Time Lecture

Thank you for your interest in teaching an activity or one-time lecture for the Christopher Wren Association. We are always delighted to add new instructors to our program. To start the process, please fill out the following and return it to our office. Please note this is the first of two forms you will be asked to complete.

Name	Jessica Laury
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What is the general subject area of the activity you would like to lead? Biology

Please give us a summary description of the course you are considering, including a title if you have one. You will be asked for a final title and fuller course description in the Request for Proposal (RFP) at a later date, but the description you give now will shape our curriculum for the next semester!

Editing Evolution: The Techniques and Potential of Synthetic Biology.
Humans have directed evolution since the advent of farming, however, emerging methods in biotechnology have dramatically increased human control over the genome. This course will act as an introduction to modern bioengineering methods and real world examples of this science at work. We will cover cloning, gene sequencing, PCR and the CRISPR-Cas system before discussing the modern ethical implications of these techniques. If room scheduling allows - we would love to walk students through a wet lab protocol giving hands on experience with some of the techniques discussed.

Please provide in 50 words or less your education, teaching experience, or any vitae information you would like to share. This data will appear in the catalog for any courses you teach. We will edit the entry if it exceeds the 50-word limit.

I am a senior biology major at the college, working on our synthetic biology team. I have worked as a teaching assistant for Biostatistics and Animal Physiology, presented on careers in synthetic biology, and led open lab lessons focusing on techniques in synthetic biology.

My advisor Margaret Saha is a Chancellor Professor of biology at William & Mary with a Ph. D in Biology from University of Virginia and a Ph. D in history from Michigan State University. Her area of specialization is molecular genetics of early vertebrate embryogenesis.

Activities and one-time lectures typically last for two hours. Please indicate below the day/ days you hope to teach.

Weekdays after 4 pm, but schedules are flexible.

Please read the instructor policies on the following page.

Please choose one of the following methods for your submittal:

E-mail to: ChrisWren@wm.edu or

Mail to: Program Chair, Christopher Wren Association, The College of William and Mary,
P.O. Box 8795, Williamsburg, VA 23187-8795.

Your completed form will be sent to the appropriate curriculum member, who will contact you. Please familiarize yourself with the CWA instructor policies below.

Christopher Wren Association (CWA) Instructor Policies:

1. The Program Committee is responsible for making room and time slot assignments for all classes and activities. Every effort is made to honor specific requests for these assignments. However, as our program grows, spaces become more difficult to adjust. Instructors are urged to make such requests only when absolutely necessary.
2. The use of student email addresses is strictly limited to matters regarding the class you are teaching.
3. Our enrollment is on a first-come first-served basis and no student can be guaranteed entry into any class. Instructors do not have authority to permit someone to attend their class if not enrolled.
4. Instructor opinions as part of a course:
 - a. It is perfectly appropriate for CWA instructors to express their opinions, provided they indicate the statements are opinion. If it is a major matter, it is a good idea for the instructor to have indicated to the class, the principal contours of the intellectual controversy.
 - b. It is not appropriate for a CWA course to be wholly or even primarily about a set of opinions. The purpose of a CWA course should be to expand students' understanding of a subject matter, including different positions, not to take a position on that subject matter. In other words CWA should never become a "soap box".
5. Audio and video recording of CWA classes by students or instructors is not permitted.
6. CWA courses are not to be used as a platform to push a product. It is acceptable for an instructor to mention that he or she has written a book on the topic but the course must not become a "sales pitch". Similarly, courses should never push a specific product (insurance, real estate, financial planning, etc.).