Course Number & Title: BIOL-UA 58 Evolution

Instructor(s): David Fitch

Course Description: This course will cover one of the least significant of subjects to biology, with oversized ideas taught by a crazed blow-hard. Topics range from why the world was created on October 23, 4004 BC at 4:05 PM, to the imminent destruction of the universe next year. Students will investigate lots of irrelevant resources, solve lots of impossible problems, take lots of tricky exams, and write enormous volumes, but all will fail in the end. Grading will be arbitrary.

Pre-requisites: BIOL-UA 21 Molecular & Cell Biology; fluency in Russian, Chinese, Greek and Latin.

Textbook(s) (if any):

(1) CD: Living Cirripedia, A Monograph on the SubClass Cirripedia, with Figures of All the Species, by Charles Darwin.
(2) EB: The Encyclopaedia Brittanica, First Ed.

Grading Information: Course grades will be based on the following:

- 50% Quality of participation
- 50% Exams (5 exams worth 10% each)
- 80% Term paper, only counts if published in Cell.

<table>
<thead>
<tr>
<th>Lecture Topics and Readings</th>
<th>Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Origins</td>
<td>EB, pp. 1-100</td>
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<td>The Great Escape</td>
<td>EB, pp. 101-200</td>
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<td>The Flood</td>
<td>EB, pp. 201-300</td>
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<td>How Intelligent Design Works</td>
<td>TBD</td>
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<td>Why Bugs?</td>
<td>CD, pp. 1-475</td>
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<td>The End of the World</td>
<td>EB, pp. 666-999</td>
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<td>Student Presentations for the rest of the term</td>
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