

Office of the Vice Chancellor for Research/Dean of the Graduate School  
 Office of Research Integrity / Human Research Committee  
 026 UCB  
 Boulder, CO 80309-0026  
 Phone: 303-492-7401/Fax: 303-735-5185

## HRC Request for Review

HRC Protocol Number (Assigned by HRC) \_\_\_\_\_ Date Received: \_\_\_\_\_

<b>Investigator Name:</b>	William Dowling	<b>Investigator Department:</b>	College of Arts and Sciences Major: Ecology and Evolutionary Biology	
<b>Mailing Address:</b>	1065 University Ave., apt #110 Boulder, CO 80302	<b>Campus Box:</b>	NONE	
<b>Daytime Phone:</b>	(805)637-7287	<b>Email:</b>	dowlingw@colorado.edu	<b>Proposed Start Date:</b> immediate
<b>Check One:</b>	<input type="checkbox"/> Faculty	<input type="checkbox"/> Staff	<input type="checkbox"/> Graduate Student	<input type="checkbox"/> Undergraduate Student

<b>Type of Review Requested:</b> <small>(see Handbook for Categories)</small>	<input type="checkbox"/> Exempt	<input type="checkbox"/> Expedited <small>(puzzles on a computer)</small>	<input type="checkbox"/> Regular
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<b>Project Title:</b>	A Study of the Nature of Fields of Consciousness or A Study of the Effect of Morphic Resonance on Learning	<b>Number of subjects to be consented*:</b> 50-100
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Student Information:					
<small>Complete the appropriate boxes <b>ONLY</b> if you are a student conducting research. Please contact the HRC if you have questions regarding student research.</small>					
<b>Is this project being conducted as:</b>	<input type="checkbox"/> Course Project	<input type="checkbox"/> Masters or doctoral thesis	<input type="checkbox"/> Other		
<b>Faculty Advisor:</b>	Garret Model	<b>Department:</b>	Electrical and Computer Engineering		
<b>Phone:</b>	(303)492-1889	<b>Email:</b>	model@colorado.edu		

Funding Information	
<small>Complete the appropriate boxes <b>ONLY</b> if your research involves funding. Please contact the HRC if you have questions regarding funding.</small>	
<b>Is project currently sponsored/funded?</b> Yes No	<b>Grant Title:</b>
<b>CU Proposal #:</b>	<b>Funding Agency:</b>

Vulnerable Subjects:						
<small>Check the appropriate boxes <b>ONLY</b> if your research targets a specific vulnerable population. Please contact the HRC if you have questions regarding vulnerable subjects.</small>						
<b>People Engaged in Illegal Activities</b>	<input type="checkbox"/> Fetuses	<input type="checkbox"/> Children (<18 years of age)	<input type="checkbox"/> Prisoners	<input type="checkbox"/> Mentally/Cognitively Impaired	<input type="checkbox"/> Pregnant Women	<input type="checkbox"/> Non-Literate or Non-English Speaking

Subject accrual is determined by those who sign consent forms, not by the number of people who complete a study or who meet screening standards that are assessed after signing a consent form. If appropriate, describe in section 2b (below) any differences between the number you intend to have sign consents and your intended number of final subjects, after attrition.

**Drug/Device Information:**

Complete the appropriate information **ONLY** if your research involves a drug, biologic or medical device. Please contact the HRC if you have questions. **Be sure to list ALL drugs and devices**, not only those requiring an IND or IDE.

**ALL Drugs or Devices used:**

**If applicable, list the IND/IDE number(s) for the drugs/devices used.**

IND # \_\_\_\_\_ IDE # \_\_\_\_\_

**Acknowledgements**

Submission of a protocol to the HRC requires that the Principal Investigator and Faculty Advisor (if applicable) read the following statements regarding Conflicts of Interests and Investigators and/or Faculty Advisors Responsibility.

**Conflicts of Interest:** (for more information see: [ohrp.osophs.dhhs.gov/humansubjects/finreltn/finguid.htm](http://ohrp.osophs.dhhs.gov/humansubjects/finreltn/finguid.htm))

The Principal Investigator must disclose any known or potential conflicts of interest between any investigator involved with this research and the funding source, drug provider or device provider.

'Conflicts of Interest' include but are not limited to:

- Stock (holding or options) in a sponsoring organization by an investigator or PI.
- PI or investigator serving as a Director, advisor, or consultant to the sponsoring organization.
- PI or investigator with other vested interests such as the inventor and/or patent holder of the test article.

**Are there any Conflicts of Interest? Yes No**

**If yes, please list:**

**Investigator's Responsibility:**

Once the protocol has been approved, it is the Principal Investigator's (PI) responsibility to report any changes in research activity related to the protocol. The PI must provide the HRC with all protocol and consent form changes and revisions. The HRC must approve these changes before the PI can implement them. All advertisements recruiting study participants must also be approved by the HRC prior to their use. The PI must promptly report all unanticipated problems or adverse events associated with this protocol to the HRC. All projects must undergo a renewal review at least annually to renew the approval for the protocol. Failure to comply with these federal regulations may result in suspension or termination of the protocol.

**ACKNOWLEDGMENT: I have read and reviewed this application and accept responsibility for the research described. I further attest that I am fully aware of all the procedures to be followed, will monitor the research, and will notify the HRC of any significant problems or changes.**

\_\_\_\_\_  
Principal Investigator

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date Completed HRC Tutorial

**Faculty Advisor's Responsibility:**

It is the responsibility of the Faculty Advisor to oversee student research and ensure that the student is

conducting human participants research in accordance with the federal regulations and HRC policies.

**ACKNOWLEDGMENT: I have read and reviewed this application and accept responsibility for the student research described and mentoring of the student under my direction. I further attest that I am fully aware of all the procedures to be followed and will ensure that the research is being conducted according to federal regulations and HRC policies.**

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**Faculty Advisor** \_\_\_\_\_ **Date** \_\_\_\_\_ **Date Completed HRC**  
**Tutorial**

***INSTRUCTIONS ARE PRINTED ON PAGE 4***  
*for HRC Office Use only*

Approved

Recommendations:

HRC Protocol Number \_\_\_\_\_

\_\_\_\_\_

Date

\_\_\_\_\_

HRC Executive Secretary

# Request for Review

## Project Description

This description should be as complete as possible. Please include protocol title, PI name, date and page numbers on the project description. **Note that this is a template only**; use as much space as needed to provide the information described below.

The title of this project is “A Study of the Nature of Fields of Consciousness” or in scientific terms “A Study of the Effects of Morphic Resonance on Learning”. The principal investigator is William Dowling, an undergraduate in the College of Arts and Sciences.

1) Purpose and Significance of the Project.

The purpose of this project is to study the influence of previously learned information on present collective fields of consciousness. In other words, this study will investigate the postulation that the more a puzzle is solved, the easier it will become to solve in the future. The significance of this project is solely grounded in the advancement of scientific knowledge and in the merits of exploring new theories at the edges of science.

2) Methodology of the project

- a) Subjects will be asked to complete a series of 14 different word search puzzles on a computer program. This program will record each new subject as a number (*no names* are retained), and each subjects performance will be recorded in terms of time taken to solve each puzzle and the numbers of errors made.
- b) The subject population will be recruited in person from the CU undergraduate student body for reasons of availability. There is no preference for or discrimination against sex, race, year, or major. The number of subjects is pending, ideally 50 to 100.
- c) Subjects will not be deceived, embarrassed or exposed to any discomfort. The series of 14 word search puzzles will take each subject from 5 to 10 minutes to complete, and all words used are commonplace and non-offensive. After all data is collected, subjects will be sent a description of the results and interpretations.
- d) This project does not require the use of surveys, questionnaires or interviews.

3) Description of the risks and benefits to participants

- a) There are no risks associated with this project beyond those encountered in the everyday use of a computer for 5 to 10 minutes.
  - b) There are no direct benefits for participating in this study.
- 4) The identity of participants will not be recorded and the data will be completely void of any such information; therefore, the privacy and anonymity of participants is assured.
- 5) The principal investigator’s resumé is attached.

- 6) Consent form is attached.