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Teaching Scientific Inquiry: Inquiry-based training for biology graduate teaching assistants improves undergraduate learning outcomes – Appendices

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Appendix A

Below is the informed consent form given to all GTAs for this survey.

Informed Consent – Title of Project: 2012 GTA Training Survey

You are invited to participate in a research study on teaching training for teaching assistants (TAs) at Carleton University. This study is conducted jointly by the Educational Development Centre and the Department of Biology at Carleton University.

Your decision to participate or decline participation in this study is completely voluntary and you have the right to terminate your participation at any time without penalty. Please respond to all questions honestly, and indicate 'Refuse' if you would rather not include a response. All responses are anonymous and confidential. The survey should take approximately 15 minutes. Data collected will be averaged and reported in aggregate. All data will be accessible only to members of the research team. Possible outlets of dissemination may include educational development materials authored by the EDC, academic conferences and/or publication in an academic journal or other format. Although your participation in this research may not benefit you personally, your responses will help Carleton and the EDC design better teaching training for TAs across the university. There are no known risks to individuals participating in this survey. If you have questions about this project, you may contact the TA Mentor for the Department of Biology, William Hughes (whughes@connect.carleton.ca). Please print a copy of this consent information for your records, if you so desire.

I have read and understand the above consent information, I certify that I am 18 years old or older and, by clicking the button labelled 'I consent' to enter the survey, I indicate my willingness to voluntarily take part in the study.

Appendix B

Below is the informed consent form given to all undergraduate respondents for this survey.

Informed Consent Title of Project: 2012 GTA Training Survey

You are invited to participate in a research study on teaching training for teaching assistants (TAs) at Carleton University. Please read the following carefully to familiarize yourself with the project.

1) Purpose of the Study: The purpose of this research is to assess undergraduate perceptions of teaching assistant teaching effectiveness, and to determine the effect of teaching assistant training on teaching effectiveness.

2) Procedures to be followed: Part of this study involves surveying undergraduate students about their experiences with teaching assistants at Carleton. You will be asked a series of questions about teaching assistants at Carleton, and your perceptions of their teaching skills.

3) Duration: This online survey takes approximately 5-10 minutes to complete. No follow-up sessions are necessary. The survey will be open from December 12, 2012 to January 15, 2013. 4) Statement of Confidentiality: Your participation in this research survey is confidential. No information, which could identify any individual -either undergraduate respondents or teaching assistants -, will be collected. Online responses are entirely anonymous, and will be stored by Qualtrics, Inc. in a password-protected file. Only the researchers involved with the project will have access to the data collected. Data will be reported in aggregate. Possible outlets of dissemination may include educational development materials, publication at an academic conference and/or in an academic journal or other format. In the event of publication, no personally identifiable information will be shared.

5) Right to Question: There are no risks to individuals participating in this survey. If you have questions about this project, you may contact the Principal Investigator, William Hughes at whughes@connect.carleton.ca or at 613-XXX-XXXX extension XXXX. Please print a copy of this consent information for your records if you so desire.

6) Payment for Participation: At the end of this survey there is a place for you to enter your email if you wish to participate in a draw for one \$100 prize (a \$100 Visa Gift Card). One email address will be selected as the winner by a random number generator. Email addresses submitted will only be used to contact the winner of the draw, and those collected will be deleted upon completion of data collection (January 15, 2013). If you wish to complete the survey, but not participate in the draw, you are free to do so.

Your decision to participate or decline to participate in this study is completely voluntary and you have the right to terminate your participation at any time without penalty. This research project has been approved by the Carleton University Research Ethics Board. Please respond to all questions honestly, and indicate 'Refuse' if you would rather not include a response.

I have read and understand the above consent information, I certify that, by clicking the button labelled 'I consent' to enter the survey, I am willing to voluntarily take part in this study.



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