**University of British Columbia**

**Department of Civil Engineering**

**4YF / CIV-EX AWARD APPLICATION FORM – CONTINUING STUDENTS**

*May 2023*

*This form is to be used by PhD students who entered, or transferred into, the PhD program:* ***(A)*** *in May 2022, September 2022, or January 2023 re. 2nd year CIV-EX and 4YF awards; or* ***(B****) in May 2021, September 2021, or January 2022 re. 3rd year CIV-EX awards; AND who do not hold an award external to the Department that exceeds $28,000 per year. Note that award support external to the Department is utilized as a first priority; and therefore students who hold NSERC fellowships or other external awards of equal or greater value need not apply for this award. The completed form with three appendices should be submitted by the student as a single pdf to gradsupport@civil.ubc.ca by 12pm PST on May 19, 2023. The Graduate Awards Committee will consider completed applications in the adjudication of Four Year Fellowships and Civil Engineering Excellence Awards.*

Student name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student e-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Program start date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (*month and year)*

\*or date of transfer from MASc to PhD

Research supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Specialization area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Current funding level: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (*per year)*

Funding source: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (*GRA, NSERC, …)*

Award eligibility (see above): ☐ A – 2nd year CIV-EX and 4YF

 ☐ B – 3rd year CIV-EX

**1. PHD PROGRESSION**

Coursework requirements completed? ☐ yes; ☐ no; \*date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Comprehensive examination completed? ☐ yes; ☐ no; \*date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Proposal defense completed? ☐ yes; ☐ no; \*date: \_\_\_\_\_\_\_\_\_\_\_\_\_

*\*"date" refers to anticipated date if applicable*

**2. ACADEMIC RECORD**

***2.1 Undergraduate Degree***

University: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Country: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GPA (or standing) for last two years (no conversions): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum of GPA / standing system used: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year of degree completion: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***2.2 \*Previous Graduate Degree***

*\*For a combined Bachelors / Masters degree, complete the above Bachelors degree entries only (excluding thesis grades) and insert only "Combined Bachelor's / Master's degree" below.*

University: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Country: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GPA (or standing) excluding thesis (no conversions): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Maximum of GPA / standing system used: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year of degree completion: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2.2 UBC Coursework**

***A. Completed courses***

Please append a pdf copy of your UBC transcript as Appendix I, and provide summary information in the following table (courses after BASc completion, no letter grades, no thesis grades; "Year & Term" example: "2019/20 T1""):

|  |  |  |  |
| --- | --- | --- | --- |
| **Course number and title** | **Year & Term** | **% Grade** | **Classaverage** |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |
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***B. Outstanding courses***

Please identify in the following table all outstanding courses needed to complete coursework requirements (see coursework plan form at <http://www.civil.ubc.ca/academic-programs/graduate-program/forms>, but do not include a copy of that form). Include also all courses for which exemption approvals have been obtained or will be sought.

|  |  |
| --- | --- |
| **Course number and title (and institution if not UBC)** | **Year & Term** |
|       |       |
|       |       |
|       |       |
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|       |       |
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|       |       |

**3. RESEARCH RECORD**

**3.1 Record of Publications, Presentations and Awards**

Please provide your record of publications, presentations and awards in Appendix II following the formatting requirements that are shown. Also, please provide summary numbers of publications / presentations in the following two tables.

***Publication Summary***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Published** | **Accepted** | **Submitted** | **In preparation** |
| Peer-reviewed journal papers |  |  |  |  |
| Peer-reviewed full conference papers |  |  |  |  |
| Other conference papers (incl. reviewed abstracts) |  |  |  |  |
| Other publications |  |  |  |  |

***Presentation Summary***

|  |  |  |
| --- | --- | --- |
|  | **Presented by student** | **To be presented by student** |
| Conferences |  |  |
| Other |  |  |

**3.3 Research Statement**

Please provide a brief statement in Appendix III (between half a page and one page) summarizing your research intentions and/or research accomplishments relating to your PhD program.

Student signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor signature confirming verification of statements made:

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Appendix II – Record of Publications, Presentations and Awards**

**[Please remove all red text on this page, once you have reviewed the associated content.]** Please provide your Record of Publications, Presentations and Awards using the format outlined here, and remove section headings if not applicable. Use 12 pt. font throughout [although 10 point is used here].

PEER REVIEWED JOURNAL PAPERS (PUBLISHED):

Smith, J., Wong, J. (2017) “Second-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics, 134(10), pp. 867-880. [I wrote the entire paper myself with no help from Wong.]

Smith, J., Wong, J. (2017) “Third-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics, 134(10), pp. 867-880. [I wrote the entire paper myself with no help from Wong.]

PEER REVIEWED JOURNAL PAPERS (ACCEPTED):

Wong, J., Smith J. “Third-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics. [This paper was accepted in May 2016. I contributed about 20% of the work on this paper.]

PEER REVIEWED JOURNAL PAPERS (SUBMITTED):

Wong, J., Smith J. “Fourth-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics. [This paper was submitted in March 2016. I contributed 50% of the work on this paper.]

PEER REVIEWED JOURNAL PAPERS (IN PREPARATION):

Wong, J., Smith J. “Fifth-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics. [This paper is 90% complete. I contributed 50% of the work on this paper.]

PEER REVIEWED CONFERENCE PAPERS:

Smith, J., Wong, J. “Second-order sensitivities of inelastic finite element response by direct differentiation.” ASCE Journal of Engineering Mechanics, 134(10), pp. 867-880. [Proceedings of 6th International Conference on Something, New York, NY, USA, May 16-18, 2016. [This paper has 8 pages. I wrote the entire paper myself with no help from Wong.]

PRESENTATIONS:

[Listed presentations may overlap with listed conference papers.] I presented the conference paper entitled “Second-order sensitivities of inelastic finite element response by direct differentiation” in New York on May 17, 2016.

AWARDS AND RECOGNITIONS:

Please provide a list (with dates) of research-related awards or recognitions you have received, if any, after completion of the Bachelor's degree.

**Appendix III – Research Statement**

**[Please remove all red text on this page, once you have reviewed the associated content.]** Please provide a brief statement of between half a page and one page summarizing your research intentions and/or accomplishments relating to your PhD program. This statement should NOT provide specific references, either to your own work or to the work of others. Use 12 pt. font throughout (although 10 point is used here).