

Part A - EDUCATION

INSTRUCTIONS: Please PRINT your name on the front cover. Please print all responses; you may use either a pen or a pencil.

A1. What is the title of your dissertation?

☐ Please mark (X) this box if the title below refers to a performance, project report, or musical or literary composition required instead of a dissertation.

Title **Real Time Kinematic Global Navigation Satellite Systems in Railroad Transportation**

A2. Please write the name of the primary field of your dissertation research.

Civil ENGINEERING

Name of Field

Using the list on pages 6-7, choose the code that best describes the primary field of your dissertation research.

Number of Field **543**

If your dissertation research was interdisciplinary, list the name and number of your secondary field.

Name of Field

Number of Field

If there were more than two fields, please list these additional fields.

Name of Field

Number of Field

Name of Field

Number of Field

A3. Please name the department (or interdisciplinary committee, center, institute, etc.) of the university that supervised your doctoral studies.

Civil ENGINEERING

Department/Committee/Center/Institute/Program

A4. If you received full or partial tuition remission (waiver) for your doctoral studies, was it:

Mark (X) one

- 1 ☐ I did not receive any tuition remission
2 ☐ for less than 1/3 of tuition
3 ☒ between 1/3 and 2/3 of tuition
4 ☐ more than 2/3 of tuition, but less than full
5 ☐ full tuition remission

A5. Which of the following were sources of financial support during graduate school?

Mark (X) Yes or No for each

- | | Yes | No |
|--|-------------------------------------|-------------------------------------|
| a Fellowship, scholarship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| b Grant | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| c Teaching assistantship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| d Research assistantship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| e Other assistantship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| f Traineeship | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| g Internship, clinical residency | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| h Loans (from any source) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| i Personal savings | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| j Personal earnings during graduate school (other than sources listed above) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| k Spouse's, partner's, or family's earnings or savings | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| l Employer reimbursement/assistance | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| m Foreign (non-U.S.) support | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| n Other - Specify | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

A6. Which TWO sources listed in A5 provided the most support?

Enter **letters** of primary and secondary sources

- 1 **d** Primary source of support
2 **k** Secondary source of support ☐ Mark (X) if no secondary source

A7. During 2009 or 2010, did any of your financial support come from the Federal stimulus bill (American Recovery and Reinvestment Act of 2009)?

☐ Yes ☒ No ☐ Don't know

A8. When you receive your doctoral degree, how much money will you owe that is directly related to your undergraduate and graduate education?

Mark (X) one in each column

a UNDERGRADUATE

- 1 ☒ None
2 ☐ \$10,000 or less
3 ☐ \$10,001 - \$20,000
4 ☐ \$20,001 - \$30,000
5 ☐ \$30,001 - \$40,000
6 ☐ \$40,001 - \$50,000
7 ☐ \$50,001 - \$60,000
8 ☐ \$60,001 - \$70,000
9 ☐ \$70,001 - \$80,000
10 ☐ \$80,001 - \$90,000
11 ☐ \$90,001 or more

Please Specify

\$

b GRADUATE

- 1 ☒ None
2 ☐ \$10,000 or less
3 ☐ \$10,001 - \$20,000
4 ☐ \$20,001 - \$30,000
5 ☐ \$30,001 - \$40,000
6 ☐ \$40,001 - \$50,000
7 ☐ \$50,001 - \$60,000
8 ☐ \$60,001 - \$70,000
9 ☐ \$70,001 - \$80,000
10 ☐ \$80,001 - \$90,000
11 ☐ \$90,001 or more

Please Specify

\$