

A PhD student position is available in wave propagation analyses and inverse problems in Department of Civil Engineering at The Catholic University of America, Washington, DC from Fall 2017.

PhD Research Topics: mathematical/numerical modeling and computational implementation in the following areas:

- Structural dynamics and wave propagation analyses; Earthquake engineering.
- Inverse problems.

Preferred backgrounds:

- Good programming skills.
- Solid understanding of Finite Element Method and its implementation.
- Parallel computing.
- Experience in inverse problems (Adjoint equation approach is highly preferred).
- Strong publications records and communication skills.

For more information, contact:

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