

August 30, 2021

Dear Faculty,

The Concrete Reinforcing Steel Institute (CRSI) Foundation sponsors an annual research fellowship program to carry out basic research needed for the steel reinforced concrete industry. The Foundation sponsors research fellowship awards of \$30,000 each, intended to support a candidate conducting master's degree-level research focused on steel reinforced concrete. Doctorate (PhD) level research will also be considered; if the fellowship forms part of a larger research program, the research component slated for this fellowship must be specifically delineated.

CRSI has prepared the following list of research needs for our industry:

- Industry Practice: Bend diameters of high-strength reinforcing bar, including fabrication tolerances
- Industry Practice: Large bar diameter bending and shearing, including fabrication tolerances
- Standardization of bend diameter and fabrication tolerances
- Relationship between high strength reinforcing bars and maximum allowable strain in high strength concrete to increase the allowable f_v in ACI 22.4.2.1.

The proposed research work must clearly elaborate on the research application to the reinforced concrete field and anticipated contributions to the state of the art. Proposers are encouraged to procure matching support from other sources and work with their CRSI regional manager to coordinate with local suppliers, fabricators and/or steel mills.

The CRSI Foundation is a nonprofit organization dedicated to supporting the advancement of reinforced structural concrete through education and research. Projects funded by the CRSI graduate fellowship program are intended for the exclusive use of supporting a graduate student. CRSI limits the amount of institutional overhead that may be charged to 15% of direct costs. However, it is our preference that the proposer excludes university overhead costs to maximize the award to the student / project.

The due date for submitting a research project proposal for funding in 2022 is **December 15, 2021 by 5PM (CST)**. Please submit proposals to Amy Trygestad at atrygestad@crsi.org. Research project proposals will then be evaluated by the CRSI Research and Development Committee at the Spring Technical Meeting in April and submitted for funding approval by the CRSI Foundation, also in April.

Additional information on the program and submission guidelines is available for download at www.crsi-foundation.org.



Amy M.R. Trygestad, PE, F.ACI

Vice President of Engineering

Email: atrygestad@crsi.org

Direct: (630) 380-5874