



PhD Student Recruitment (Spring 2027/Fall 2027) University of Wyoming – Civil & Architectural Engineering and Construction Management

Rojas's Research Group at the University of Wyoming (UWYO) has openings for 1 motivated PhD student for Spring 2027 or Fall 2027.

Research Focus

The research group will work on cutting-edge topics related to:

- Construction Automation and Robotics/ Digital Fabrication/ 3D Concrete Printing/ Multi-Robot Collaboration for Automated Construction
- Digital Twins for Construction/ Computer Vision/ Inline Inspection Systems
- Human-Robot Interaction and Worker Safety

Funding

Fully funded PhD positions available (Research assistantships expected for qualified candidates). Applications will be reviewed on a rolling basis until positions are filled.

Candidate Profile

Applicants must hold a master's degree in Civil Engineering, Construction Engineering and Management, or a closely related discipline to be considered for this PhD position. Candidates with backgrounds in related engineering fields are also encouraged to apply.

Preferred skills (highly encouraged):

- Strong research interest and ability for independent work
- Academic writing experience (publications are a plus)
- Programming experience in Python, C#, or C++

Additional preferred qualifications (Optional):

- Foundational knowledge of machine learning and deep learning.
- BIM and computational modeling tools (e.g., Revit/Dynamo, Rhino/Grasshopper).
- Exposure to working with sensors or robotics.

How to Apply:

Interested students should email the following to jrojasro@uwyo.edu

Email Subject Format: "Prospective Student for Spring/Fall 2027 – [Your Name]"

Include:

- CV
- Transcripts (minimum **GPA 3.0/4.0**)
- TOEFL/IELTS (minimum score of: **550 paper-based, 76 internet-based, or 6.0 IELTS**)
- GRE Scores (minimum score of at least **298 total**)
- Brief statement of research interests highlighting research alignment
- Publications or thesis (if available)

More Information:

- UWYO Program Info: <https://www.uwyo.edu/civil/grad/index.html>
- UWYO Admission Requirements: <https://www.uwyo.edu/civil/grad/index.html>
- UWYO Funding Information: <https://www.uwyo.edu/uwgrad/enrolled-students/financial-assistance/assistantship-funding.html>