



- ❑ [Graduate research assistantship \(PhD program, requirements \[here\]\(#\)\)](#)
 - Package includes 12-month stipend, tuition, health insurance, fees
 - Participation in reputable venues expected and funded (e.g., ASCE SEI and EMI conferences, ACI conventions, IIFC official conferences)
- ❑ [Large project on noncorrosive FRP reinforcement for concrete bridge decks](#)
 - Collaboration USC (lead) and Clemson University
 - Sponsor: SCDOT/Federal Highway Administration
 - Cross-disciplinary team of faculty and students:
 - FRP reinforced concrete structures
 - Low-carbon concrete
 - Life-cycle cost analysis and life-cycle assessment
- ❑ [Candidate qualifications](#)
 - Master's degree (not required but preferred) in civil engineering, emphasis on materials and structures
 - Commitment to quality, hypothesis-based research, with attention to and care for details (e.g., evidence from MS thesis)
 - Background and/or interest in:
 - Structural testing (required)
 - Numerical modeling and/or reliability analysis (desirable)
- ❑ [Interested and qualified?](#)

Email to fmatta@sc.edu: (1) CV; (2) cover letter noting how candidate meets qualification criteria above; and (3) one sample publication (master's thesis preferred, if available)



USC campus, downtown Columbia, SC



Columbia, SC



USC high-bay structures laboratory