

ABET FACULTY VITAE (2 Page)

Name: Janos Gergely

Education:

- Ph.D., Civil Engineering, University of Utah, 1998
- M.S., Civil Engineering, University of Utah, 1996
- Diploma de Inginer, Civil Engineering, Polytechnic Institute of Cluj-Napoca, 1990

Academic Experience:

- The University of North Carolina at Charlotte, Associate Professor, 2004 – Present, Full-Time
- The University of North Carolina at Charlotte, Assistant Professor, 1998 – 2004, Full-Time

Non-Academic Experience:

- Structural Engineering Consultant, 1995 – Present, Part-Time
- University of Utah, Teaching and Research Assistant, 1994 – 1998, Full-Time
- Marco GmbH (Germany), Field then Project Engineer, 1992 – 1994, Full-Time
- Braunsteiner GmbH (Austria), Construction Supervisor, 1991 – 1992, Full-Time
- Vaileanu SRL (Romania), Field Engineer, 1990 – 1991, Part-Time

Certifications or Professional Registrations:

- Registered Professional Engineer in North Carolina
- Registered Structural Engineer in Illinois
- Post-disaster Safety Assessment Evaluator (structural evaluations)
- Urban Search and Rescue – Structures Specialist (in training)
- Certified CPR and AED provider

Current Membership in Professional Organizations:

- American Society of Civil Engineers
- American Concrete Institute
- American Institute of Steel Construction
- Structural Engineers Association of North Carolina

Honors and Awards:

- Finalist for the Bank of America Teaching Award (2010)
- Nominated (several times) for, and winner (once) of, the College of Engineering Undergraduate and Graduate Teaching Awards
- Winner of ASCE Student Chapter Chili Cook-off

Service Activities (Within and Outside of the Institution):

- Scholarship of Teaching and Learning Grants Committee (most recently)
- Reappointment, Promotion and Tenure Committee (most recently)
- Curriculum Committee Chair
- Structures Group Coordinator
- ASCE Student Chapter Adviser
- Reviewer for the National Science Foundation
- Book and Journal reviewer for several publishers
- Judge for the Carolinas Excellence in Construction Award
- Reviewed several codes for ACI Technical Activities Committee
- Organizing Team member for ACI and ASCE conferences in CLT
- Current and former member of committees in TMS, ACI, PCA
- Led or assisted local schools with their Balsa Wood Bridge Competition, Science Olympiad, and Odyssey of the Mind, and judged Science Fair exhibits
- Assisted one of the local school boards and several local churches in structural assessment
- Regular participant at Habitat for Humanity work days
- Member of St. Aquinas Church Building and Facilities Committee

Select Publications and Presentations (Last Five Years):

1. Sanusi, O., Tempest, B., Ogunro, V., and Gergely, J. (2016). "Leaching Characteristics of Geopolymer Cement Concrete Containing Recycled Concrete Aggregates." J. Hazard. Toxic Radioactive Waste, 10.1061/(ASCE)
2. Tempest, B., Gergely, J., Weggel, D. (2015) "Engineering Characterization of Strength and Elastic Properties of Geopolymer Cement Concrete Materials" Journal of Green Building V10 N4.
3. Tempest, B., Gergely, J., Skipper, A. (2016) "Reinforced Geopolymer Concrete in Flexure: a Closer Look at Stress-Strain Performance and Equivalent Stress Block." Accepted by the PCI Journal.
4. Tempest, B., Cavalline, T., Gergely, J. (2016) "Predicting Corrosion-Related Bridge Durability With Lab-Measured Permeability Results." In preparation.

Recent Professional Development Activities:

- California Office of Emergency Services Post-Disaster Safety Assessment Program, One-day Evaluator Training seminar
- AISC – 8 week long night school on the Seismic Design Manual (web based)
- Numerous webinars presented by ATC, FEMA, AISC, and ASCE
- Attended several local and regional conferences and seminars