

ANTONIO NANNI, PH.D., P.E., F.ACI, F.ASCE, F.IIFC, F.BEI



ACI President 2023-24
Inaugural Senior Scholar
Professor and Chair
Department of Civil and Architectural Engineering
University of Miami

Nanni's research interests include construction materials, their structural performance and field application with a focus on the sustainability of buildings and civil infrastructure. He is the site-director of the National Science Foundation's Industry/University Cooperative Research Center for the Integration of Composites into Infrastructure.

During the past 35+ years, Nanni has studied concrete and advanced composite-based systems as the principal investigator on a number of research projects sponsored by federal and state agencies and private industry. Some of the field projects he contributed to have received awards from organizations such as the Florida Engineering Society (FES) and the International Concrete Repair Institute (ICRI). His research in materials and structures has impacted the work of several technical committees in the United States and abroad. Nanni is the editor-in-chief of the *Journal of Materials in Civil Engineering* (American Society of Civil Engineers) and serves on the editorial board of other technical journals. He has advised more than 90 graduate students pursuing master's and doctoral degrees and has published more than 300 papers in refereed journals, plus more than 425 papers in conference proceedings, and co-authored two books.

For structural assessment, he developed the technology called "cyclic load testing" and, as chair of ACI Committee 437, was instrumental in making this methodology the standard adopted by the concrete repair code and the structural concrete building code.

Nanni has received several awards, including: 2023 Distinguished Faculty Scholar Award, University Faculty Senate; 2021 Special Recognition, UNAICC, Habana, Cuba; 2021 Arthur J. Boase Award, ACI; 2019 Knight of the Order of the Star of Italy from the President of Italy; 2018 John B. Scalzi Research Award from The Masonry Society; 2018 Joe W. Kelly Award from ACI; ASCE 2017 Richard R. Torrens Award for outstanding performance as editor of JMCE; 2017 Outstanding Service Award, Florida Engineering Society; 2016 Foreign Member, Accademia delle Scienze dell'Istituto di Bologna; 2015 Engineer of the Year Award, ASCE Miami-Dade Branch; 2014 IIFC Medal, International Institute for FRP in Construction; ASCE 2012 Henry L. Michel Award for Industry Advancement of Research; and Engineering News-Record Award of Excellence in 1997 (Top 25 Newsmakers in Construction). He was Co-Recipient of the prestigious JEC World Innovation Award 2019, Construction & Infrastructure Category, for a technology being filed for international patent.

Nanni was elected President of the American Concrete Institute (ACI) and serves as the 100th President for the term 2023-24. He serves on the ACI Board of Directors (2016-19 and again 2021-25), ACI Foundation Board of Trustees 2017-23. He became a fellow of the Bridge Engineering Institute in 2019, a founding fellow of the International Institute for FRP in Construction in 2004, a fellow with the American Society of Civil Engineers in 1999 and a fellow with the American Concrete Institute in 1998. He is a registered professional engineer in Italy and the U.S. states of Florida, Pennsylvania, Missouri and Oklahoma.