

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



ACI Immediate Past President 2023-24

Inaugural Senior Scholar

Professor

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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 both the NSF Industry/University Cooperative Research Center for the Integration of Composites into Infrastructure (CICI) as well as the UTC Coastal Research and Education Actions for Transportation Equity (CREATE).

During the past 35+ years, Nanni has studied concrete and advanced composite-based systems as the principal investigator on many 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 US and abroad. Nanni was the editor-in-chief of the *Journal of Materials in Civil Engineering* (ASCE) for the period 1999-2024 and serves on the editorial board of other technical journals. He has advised more than 90 graduate students and has published more than 320 papers in refereed journals, plus more than 420 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. He is currently the Founding Chair of ACI Committee 243 – Seawater Concrete.

Nanni has received many awards and, in the last five years, they include: **2023** ACMA Academic Pioneer Award; **2023** Outstanding Technical Achievement Award - FES Miami Chapter; **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. 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 served as the 100th President for the term 2023-24. He serves/ed on the ACI Board of Directors (2016-19 and again 2021-25) and ACI Foundation Board of Trustees (2017-23). He became a fellow of the Bridge Engineering Institute (BEI) in 2019, a founding fellow of the International Institute for FRP in Construction in 2004, a fellow of ASCE in 1999 and a fellow of ACI in 1998. He is a registered professional engineer in Italy and Florida, Pennsylvania, Missouri and Oklahoma.

As part of his ACI-related activities, Nanni is involved in several education, training and certification activities with agencies and organizations in KSA including: NEOM, Saudi Building Code National Committee (SBCNC), and Oil Sustainability Program (OSP). Additionally, he is working closely on research projects with King Fahd University of Petroleum and Minerals (KFUPM) and Aramco via the ACI Center of Excellence on non-metallic building materials (NEx).