

## UMKC SCHOOL OF COMPUTING AND ENGINEERING LEADERSHIP



**KEVIN Z. TRUMAN,  
PH.D., F.ASCE**

UMKC Vice Provost  
and Dean of the School of  
Computing and Engineering  
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Dean Truman earned his bachelor's and master's degrees in civil engineering from Washington University, a bachelor's in mathematics and physics from Monmouth College, and his Ph.D. in civil engineering from the Missouri University of Science and Technology. At Washington University, Truman served as faculty for 23 years, culminating as the Greensfelder Professor of Engineering and as the department chair for 10 years before taking his current position as the dean of the School of Computing and Engineering at the University of Missouri–Kansas City in 2008. In 2013, his position was expanded to UMKC vice provost and dean of the School of Computing and Engineering.

Truman's research has been focused on optimal seismic designs of structural systems, creating tools for analyzing construction of massive concrete structures and the use of structural optimization for detecting real-time damage in structural systems.

# At the University of Missouri-Kansas City School of Computing and Engineering,

we take seriously our goals of serving community and impacting the world. We welcome opportunities to collaborate with companies and our peers. As academics, we seek to provoke thought and encourage learning. This guide serves to highlight some areas of research and expertise within the School of Computing and Engineering.

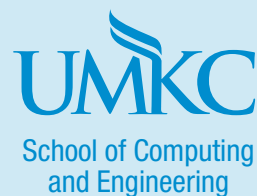
To learn more about each faculty member's research and search for them by name, visit:

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### UMKC SCHOOL OF COMPUTING AND ENGINEERING

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**UMKC**  
**SCHOOL OF COMPUTING  
AND ENGINEERING**  
**FACULTY GUIDE**

	Algorithms, Parallel Processing, Queueing Theory	Big Data, Data Analytics, Data Science	Bioinformatics, Biometrics, Machine Learning, Statistical Learning and Analysis, Neural Networks	Biomedical Engineering and Biomechanics	Cloud Computing, Mobile Computing, Distributed Computing	Computer Architecture, Computer Modeling, Digital Systems	Corrosion Engineering and Sustainable Construction	Cyber Security, Data Security, Information Security	Disaster Management, Emergency Response, Complex Networks	Earthquake Analysis and Design	Environmental Engineering	Fluid Mechanics, Computational Fluid Dynamics	Forensic Engineering	Image Processing, Biomedical Imaging, Multimedia Systems	Internet of Things, Real-Time Systems, Embedded Systems	Modeling, Simulation, Finite Element Analysis	Nanotechnology, Nanoelectronics, VLSI Design	Power, Control Systems, Smart Grids, Energy (Renewable, Solar, Wind, etc.)	RF Microwave Engineering, Antennas, Ultra-wideband Antennas	River Engineering, Sedimentation, Fluvial Geomorphology	Robotics, Mechatronics, Micro-Electronic Mechanical Systems, Manufacturing, Materials	Signals and Systems, Digital Signal Processing	Software Engineering	Soils, Foundations, Geotechnical Engineering	Structural Engineering, Design, Materials	Telecommunications, Computer Networks, Software Defined Networks (SDNs), Network Security	Thermodynamics, Refrigeration, Heat Transfer	Unmanned Aircrafts, Flight Dynamics and Testing	Water Resources	Web Design, Web Programming, Web Technologies	Wireless Networks, Sensing and Sensor Networks, Remote Sensing			
<b>DEPARTMENT OF CIVIL AND MECHANICAL ENGINEERING</b>																																		
● Bryan Becker, Ph.D., P.E., FASME																											*							
● Katherine Bloemker, Ph.D.																																		
● ZhiQiang Chen, Ph.D		*							*	*		*				*								*	*							*		
● Travis Fields, Ph.D.																					*							*						
● Ceki Halmen, Ph.D., P.E.																									*									
● Megan Hart, Ph.D.								*		*														*					*					
● John Kevern, Ph.D., P.E., LEED AP							*			*		*												*	*				*					
● Gregory King, Ph.D.				*										*											*									
● Mark McClernon, Ph.D., P.E.														*																				
● Amirfarhang Mehdizadeh, Ph.D.				*								*				*																		
● Gregory Muleski, Ph.D.											*																							
● Deb O'Bannon, Ph.D., P.E., FASCE											*	*																		*				
● Jerry Richardson, Ph.D., P.E. D.WRE											*	*															*		*					
● Mary Cristina Ruales Ortega, Ph.D.																			*		*													
● Antonis Stylianou, Ph.D.				*										*																				
● Sarvenaz Sobhansarbandi, Ph.D.											*				*											*								
● Ganesh Thiagarajan, Ph.D., P.E.				*			*			*				*			*							*										
● Kevin Truman, Ph.D., FASCE							*			*		*		*										*										
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● Kendall Bingham, M.S.																														*				
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● Ghulam Chaudhry, Ph.D.						*								*		*																		
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● Deendayal Dinakarbandi, M.D., Ph.D.			*	*								*																						
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● Ahmed Hassan, Ph.D.				*										*	*		*																	
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● Zhu Li, Ph.D.				*									*									*												
● Appie van de Liefvoort, Ph.D.	*												*																					
● Deep Medhi, Ph.D.					*																					*						*		
● Ken Mitchell, Ph.D.								*																		*								
● Goli Preetham, Ph.D.																	*																	
● Mostafizur Rahman, Ph.D.					*	*								*		*				*														
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- **ADJUNCT PROFESSOR**
- **EXECUTIVE ENGINEER**
- **INSTRUCTOR**
- **PROFESSOR**
- **ASSISTANT PROFESSOR**
- **ASSISTANT TEACHING PROFESSOR**
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- **ASSOCIATE PROFESSOR**
- **CURATORS' DISTINGUISHED PROFESSOR**
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