

# News Release

## FOR IMMEDIATE RELEASE

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### **Texas Tech University Health Sciences Center Researchers Achieve Global Recognition**

Texas Tech University Health Sciences Center (TTUHSC) researchers ranked in the top 2% of global researchers by a widely publicized citation database created at Stanford University entitled, “A standardized citation metrics author database annotated for scientific field.”

TTUHSC Senior Vice President for Research and Innovation Lance McMahon, Ph.D., said there are many ways TTUHSC faculty demonstrate research excellence. Researchers secure the most highly competitive external grant awards, receive issued patents for their discoveries, publish in widely acclaimed scientific journals and receive lifetime achievement awards from internationally recognized scientific organizations.

“The Stanford citation algorithm further underscores TTUHSC’s reputation as a premier academic health center,” McMahon said. “This report demonstrates that TTUHSC is the academic home to several of the world’s top-ranked biomedical and pharmaceutical researchers.”

The study contains a meta-analysis of the world’s nearly 7 million published scientists, present and past. The top 2% of global researchers were identified by assigning them to different categories of scientific expertise. In addition to measuring the frequency with which their published works were cited, the algorithm considered both the quality of the journals and the authorship rank for each publication based on the position of an individual among co-authors.

In October 2021, global information and analytics leader Elsevier released an updated [version](#) of the list of more than 100,000 of the most-cited authors across all scientific fields.

“The university community is inspired by our researchers, including the top 2% of global researchers acknowledged here, who daily embrace a commitment to transform health care through innovation and collaboration,” McMahon said. “The Stanford database underscores TTUHSC’s position as a global leader in health-related research.”

The following current and retired TTUHSC faculty members are included in the top 2% global ranking:

**School of Medicine**

Matt Grisham  
Hemachandra Reddy  
Doug Stocco  
Vadivel Ganapathy  
Volker Neugebauer  
Patrick Reynolds  
Rial Rolfe  
Kendra Rumbaugh  
Gail Cornwall  
Steven Berk  
Kenneth Nugent  
Alan Peiris

**Jerry H. Hodge School of Pharmacy**

Quentin Smith  
Sanjay Srivastava  
Ulrich Bickel  
Lance McMahon  
Cynthia Raehl

**School of Nursing**

Myrna Armstrong

To honor TTUHSC's history, the following deceased researchers who retired as TTUHSC faculty members are included in Elsevier's top 2% global list.

Michael Conn  
Ann Kosloske  
James Heavner  
Kenneth Neldner  
Danny Pence  
Prithvi Raj

Each metric of scientific impact has attempted to improve upon previous metrics such as the H-index. Each algorithm has strengths and weaknesses.

"Regardless of the metric used, TTUHSC is exceptionally proud of the research excellence evident across its campuses (Lubbock, Midland, Odessa, Abilene, Amarillo and Dallas) and Schools of Medicine, Nursing, Health Professions, Pharmacy and Graduate School of Biomedical Sciences," McMahon said.