



SHARP MINDS LECTURE SERIES

The first Monday of every month, seniors 65 and better can enjoy the exhibits, a Heikoff Giant Dome Theater show and educational programming on the quietest day of the month for only \$8!

Join local scientists to learn about a variety of topics as they share their latest research in a friendly and exciting environment. Tickets to attend the lecture can be requested at the Ticket Counter.

Monday November 6 | 10:30 a.m. – 11:30 a.m. **Monday December 4 | 10:30 a.m.–11:30 a.m.**
River of Doubt **The Science of Aging**

In 1914 Theodore Roosevelt embarked, unknowingly, into the most difficult task of his adventurous life: to descend the uncharted River of Doubt in the far reaches of Western Brazil, braving the harsh environment and hostile tribes. Over a century later a team executed an expedition to retrace the original route in celebration of this great feat. Join us this month to discover more about this historic expedition led by Professor Marc Meyers. In this lecture we will gain insight about the collection of biological specimens that the team found and the comparison of the present and the past century by using Roosevelt's original detailed report of geography, fauna, flora, and native inhabitants.

Marc Meyers came to the Jacobs School in 1988 and had a stint as Director of UCSD's Institute for Mechanics and Materials. Prior to that he was Adviser to the Director, Materials Science Division, U. S. Army Research Office, Durham, North Carolina; and Associate Director, Center for Explosives Technology Research. He is co-founder of the EXPLOMET conferences. His books, *Dynamic Behavior of Materials*, and *Mechanical Behavior of Materials* are key textbooks worldwide. He is a fellow, ASM International, among other honors. He received his Ph.D. in 1974 in Physical Metallurgy from the University of Denver.

Noon Theatre Show:
Grand Canyon Adventure: River at Risk

Aging is a process that affects us all. Over time the increase of the average lifespan has caused scientists to turn their attention to studying the aging process and how humans can continue to live longer and healthier lives. Join us this month to explore the intricate molecular processes that cause us to age, the consequences of aging on the immune system, and what we can do to prevent them.

Jose Nieto Torres graduated with a B.S. in Biology and Biochemistry in 2007 at the University of Salamanca, Spain. He then earned his Ph.D. at the Autonomous University of Madrid, Spain by studying the molecular basis of human Coronavirus pathogenesis, at the National Centre for Biotechnology. Since February 2016 he has been working as a postdoctoral researcher at the Hansen Lab in the Sanford Burnham Prebys Medical Discovery Institute in La Jolla, California. Jose's research focuses on identifying novel molecular pathways regulating autophagy and aging. He actively participates in science communication to share with the public the importance of his research. When Jose is not in the lab, he enjoys participating in triathlons and involving his family and friends.

Noon Theatre Show:
Mysteries of the Unseen World