



## 2019 Lecture Series “The Brain: It’s More Than You Think”

Lectures related to exhibits: “Brain: The Inside Story” and “Drugs: Cost and Consequences”



### *Peering into the Brain, What do we See?*

**Elaine L. Bearer, M.D., Ph.D., FAAAS, FCAP**

**UNM Health Sciences Center**

**February 27, 2019 • 6:30pm – 8pm**

The brain is a highly evolved complex opaque tissue. Join Dr. Bearer as she describes new research on how the brain works and its response to life-threatening fear and stress. *Dr. Bearer is a neuropathologist, UNM School of Medicine and the Harvey Family Professor in Pathology. She works on the neurobiology of mental health, studying biomarkers of trauma and abuse in children and the cause of Alzheimer Disease. Her research also includes the perception and impact of music on the brain. She is a Fellow of AAAS and the College of American Pathologists.*

### *Your Brain after a Concussion*

**Russell Morton, Ph.D. UNM Health Sciences Center**

**March 27, 2019 • 6:30pm – 8pm**

What happens to our brains during a concussion? Join Dr. Morton as he discusses some potential therapies and management strategies to help patients with concussions. *Dr. Morton is an Asst. Professor at UNM Health Science Center, Department of Neurosciences, and part of the Preclinical Core facility within the Center for Brain Recovery and Repair. He uses electrophysiology and microscopy to investigate the effects of mild traumatic brain injuries*



### *The Symphony of Sleep: Sleep and the Brain*

**Russell Morton, Ph.D., Lisa Cutchen, M.D., Shanna Diaz, D.O.**

**Friday, April 12, 2019 • 6:30pm – 8pm**

Your brain works hard when you sleep. Join us for this special presentation about the importance of sleep to your brain health. *Dr. Morton is a research assist. professor, UNM Dept. of Neurosciences. He is a neuroscientist and electrophysiologist whose research studies how the cells in our brains communicate with one another. Dr. Cutchen is a sleep specialist and assist. professor, UNM School of Medicine. She worked as a mental health counselor and is board certified in Family Practice and Sleep Medicine. Dr. Diaz is also an assist. professor, UNM School of Medicine. She is interested in improving quality of life through the treatment of sleep disorders and is board certified in General Psychiatry, Geriatric Psychiatry and Sleep Medicine.*

### *Tsunamis in the Brain*

**Bill Shuttleworth, Ph.D. Director, UNM Center for Brain Recovery and Repair**

**April 24, 2019 • 6:30pm - 8pm**

Brain tsunamis are massive waves that sweep through the brain, disrupt function, and are involved in migraine, stroke, trauma and other disorders. Dr. Shuttleworth will discuss brain research and brain tsunamis. *Dr. Shuttleworth is Director of the UNM Center for Brain Recovery and Repair, and Regents' Professor, Department of Neurosciences, UNM*



### *Alcohol, Genes, and the Brain: The Latest Science and Dispelling Myths*

**Katie Witkiewitz, Ph.D. UNM Department of Psychology**

**May 22, 2019 • 6:30pm - 8pm**

Join Dr. Witkiewitz for an overview of the latest science on why humans tend to enjoy alcohol, its effects on the brain and prevention and treatment options for alcohol use disorder. *Dr. Witkiewitz is a Regents' Professor of Psychology at the University of New Mexico. Dr. Witkiewitz has authored 5 books, is a licensed clinical psychologist, and has worked extensively on the development of interventions to treat addiction.*

Each lecture cost: \$8 nonmembers, \$7 members, \$5 students. Preregistration is encouraged or tickets can be purchased at the door the evening of the event (if seats are available). Go to [www.NMnaturalhistory.org](http://www.NMnaturalhistory.org). Questions: [jayne.aubele@state.nm.us](mailto:jayne.aubele@state.nm.us)

**See other side**



## 2019 Curator's Coffee Series "The Brain: It's More Than You Think"

*A Café Style Program. Join us for a casual discussion followed by a hands-on experience.*

*Limited to 15 people and includes coffee, light refreshments, and Museum admission.*

### Oral Effects of Methamphetamine Use: The "Meth Mouth" Syndrome

by Stephen Wagner, D.D.S., M.S. and Charles Tatlock, D.D.S, MPH

Thursday, March 7, 2019 • 9:30am – 11am



Drs. Wagner and Tatlock are nationally recognized experts in the research and treatment of patients with "meth" mouth; and were some of the first to alert their profession to the deteriorating physical changes that occur with long-term use. Dr. Wagner's dental images have been published in medical and dental textbooks and used by the New York Times, ABC News, The Discovery Channel and Newsweek. This presentation and discussion will include some graphic images of dental disease.

**Dr. Wagner** grew up in Albuquerque and is currently in his 40th year of private practice here. His DDS is from the Univ. of Southern California and prosthodontic training from MD Anderson Hospital, Houston TX. **Dr. Tatlock** is a Professor Emeritus, UNM Department of Dental Medicine, School of Medicine. He earned his DDS degree from Baylor/Texas A&M and MPH (Masters in Public Health) from UNM.



### The Emotional Brain: An Analysis of Investor Behavior

by David P. Bruner, CFP®, CIMA®

Thursday, May 9, 2019 • 9:30am – 11am

The way the human brain is wired affects the way we process information and how we make choices, including financial decisions. Research has shown that cognitive biases, including self-deception, can contribute to poor decision-making. Join us for this timely discussion about the brain and finance.

**David Bruner** is First Vice President – Wealth Management Portfolio Manager, Portfolio Management Program, UBS Financial Services Inc.

### New Concepts in Alzheimer's Disease and Vascular Cognitive Impairment

by Gary Rosenberg, MD, Director UNM Center for Memory and Aging

Thursday, June 6, 2018 • 9:30am-11am



Dr. Rosenberg is one of the nation's leading researchers in vascular dementia, researching biomarkers for the early identification of types of dementia in order to assess results of treatment trials. He will discuss the importance of controlling high blood pressure and other vascular risk factors in prevention of dementia, and new treatments that he and others are developing to slow the onset of cognitive decline.

**Dr. Gary Rosenberg** is Professor of Neurology at UNM Health Sciences Center. He is the former chair of the Neurology Department and is currently the Director of the UNM Center for Memory and Aging, which is the only center dedicated to diagnosing, treating and doing research that will impact the growing population, estimated to be over 43,000, of people in New Mexico who have some form of dementia.

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Each Curator's Coffee: Cost \$8 (10% discount for members)

**Pre-registration required. Limit 15 participants.** To guarantee your place, register online, go to [www.NMnaturalhistory.org](http://www.NMnaturalhistory.org)

**Questions:** [jayne.aubele@state.nm.us](mailto:jayne.aubele@state.nm.us) or call: (505) 841-2840

See other side