

# Science Lectureship

Millersville University and the Mr. and Mrs. William F. Brossman Charitable Foundation present the 35<sup>th</sup> Annual Brossman Foundation and Ronald E. Frisbie Sr. Science Lectureship Program. The program includes a competitive examination for high school sophomore and junior science, mathematics and technology students; laboratory demonstrations; a special afternoon lecture for selected elementary, middle and high school students; and an evening presentation by Dr. Paul Sereno.

The University wishes to acknowledge the daughters of Mr. and Mrs. William F. Brossman, the late Mrs. Emily B. Sprecher, Class of 1926, and the late Mrs. Anne B. Sweigart, for their support of this program. We also wish to acknowledge the late Mrs. Bertha Brossman Blair, Class of 1912, the founder of the Brossman Foundation and the trustee board of the Foundation under the guidance of Ephrata National Bank.

In addition, we wish to acknowledge the late Mr. Ronald E. Frisbie Sr. for his steadfast support of the Science Lectureship. Mr. Frisbie, a long-time executive at the Denver & Ephrata Telephone Company, was awarded the Millersville University President's Medallion in 2012. He was a member of the Lectureship Program Committee from its inception in 1985 until his passing and served for many years on the Advancement Advisory Board for the College of Science and Technology. The Lectureship is also supported by the Office of the Provost.

## Program Committee

Dr. Lyman Rickard,  
*Chair*

Ms. Abby Alexander

Dr. James Argires

Dr. Angela Cuthbert

Dr. Sam Earman

Ms. Janice Estabrook

Mr. Ron Frisbie Jr.

Dr. Tariq Gilani

Dr. Nazli Hardy

Ms. Lynnea Holler

Dr. Brent Horton

Dr. Mike Jackson

Dr. Alex Johnson

Dr. Baoling Ma

Ms. Carol Reichler

SPONSORED BY

The Mr. and Mrs. William F. Brossman Charitable Foundation

Millersville University

Millersville University is an Equal Opportunity/Affirmative Action institution.  
A Member of Pennsylvania's State System of Higher Education. 7651-CST-0719-SA

35<sup>th</sup> Annual  
Brossman Foundation and  
Ronald E. Frisbie Sr.  
Science Lectureship



## HUNTING DINOSAURS *in the Sahara*

T H U R S D A Y

10/24/19

6:30 p.m.

FREE PUBLIC PRESENTATION

Clair Performance Hall,  
Winter Visual & Performing Arts Center

**Paul Sereno, Ph.D.**

Paleontologist, Explorer, Professor  
and Founder of Chicago Science Works

Millersville University

# Schedule of Activities

- 12–12:30 p.m.** Registration for high school students and teachers  
Lobby, Caputo Hall
- 12:30–12:45 p.m.** Orientation for high school students and teachers  
Room 149, Roddy Hall
- 1–2:15 p.m.** **“SuperJaws – Bigger than T-Rex”**  
by Dr. Paul Sereno  
Presentation to students, grades 3-9  
Clair Performance Hall,  
Winter Visual and Performing Arts Center
- 1–3 p.m.** Science Knowledge Competition Examination  
Room 149, Roddy Hall
- 3–3:30 p.m.** Meet the Speaker  
Dr. Sereno will meet with high school students and advisors  
Room 211, Caputo Hall
- 3:30–5 p.m.** Laboratory demonstrations  
Roddy/Caputo/Osburn Halls
- 5:15–6:15 p.m.** Dinner for faculty, invited guests and registered program participants  
Multipurpose Room, Stayer Hall
- 6:30-8 p.m.** **“Hunting Dinosaurs in the Sahara”**  
by Dr. Paul Sereno  
Lecture and presentation of Science Knowledge Competition awards and recognition of schools  
– **FREE PUBLIC PRESENTATION** –  
Clair Performance Hall,  
Winter Visual and Performing Arts Center

## ADMISSION

Tickets are **free** and may be reserved by contacting:

 **muTicketsOnline.com**  **717-871-7600**

For more information about this event, please call  
**717-871-4292.**

## Paul Sereno, Ph.D.

**Paleontologist, Explorer, Professor  
and Founder of Chicago Science Works**



Dr. Paul Sereno studied dinosaur fossils in far-flung collections in China and Mongolia while earning a doctoral degree at Columbia University and the American Museum of Natural History in New York. In 1987, he joined the faculty of the University of Chicago, where he teaches paleontology and evolution.

His field work began in the late 1980's in the foothills of the Andes in Argentina, where his team discovered the earliest known dinosaurs to roam the Earth some 230 million years ago, such as the dog-sized *Eoraptor* (“dawn raptor”).

Intrepid expeditions into the heart of the Sahara have led to the excavation of 100 tons of dinosaur fossils, bringing to light a menagerie of new species including ponderous long-necked plant-eaters like *Nigersaurus*, meat-eaters like *Afrovenator* and *Rugops*, and the bizarre huge-clawed fish-eater *Suchomimus*. Other discoveries include the world's largest crocodile, the 40-foot-long “SuperCroc” and the triple-fanged, horned “BoarCroc.” Sereno's latest work unveiled “SuperJaws,” a 50-foot-long skeleton of the largest predator ever, the semiaquatic dinosaur *Spinosaurus* from Africa.

Sereno's latest discovery in the heart of the Sahara is a stunning archaeological site preserving hundreds of human burials and thousands of artifacts. Dating back to a time before the pyramids some 10,000 years ago, these people inhabited a “Green Sahara” that was home to six-foot-long perch, crocodiles and hippos. The intertwined skeletons of a mother and two children, dubbed the “Stone Age Embrace,” ranks as one of the most spectacular prehistoric burials ever discovered.

Featured in many *National Geographic* magazine stories and NOVA documentaries, Sereno was named Teacher of the Year by the *Chicago Tribune* and given the University Medal for Excellence by Columbia University. His efforts to foster up-and-coming scientists among urban youth earned him the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring which was presented to him by President Obama in the White House.

Millersville University

[millersville.edu](http://millersville.edu)