



!! SPECIAL ISSUE OF SEPA SCIENCE FUN CAMP— JUNE 2016 !!

Dr. Maurice Godfrey, Professor and SEPA Program Director

Welcome back to a new academic year and another year of UNMC SEPA engagement with your schools. We cannot emphasize enough that we welcome your suggestions, inquiries, etc at any time.

As you know we have held successful full day hands on science programs since our first DNA Day several years ago. This past March we partnered with the Milwaukee School of Engineering to hold the “Molecules and You” day. The next program will not be a “hands on” science program as we have done in the past. Rather, this will be more a minds-on engagement for high school junior and seniors and college undergraduates. The Behavioral Health Careers program will bring numerous behavioral health specialists, psychologists, counselors, social workers, psychiatrists, behavioral health nurses, etc to engage students in topics that impact people today. The day will include a keynote address on “Historical Trauma”. We welcome you and your students to the program. School and community counselors, psychologists, etc are more than welcome to come with the students to participate in the program.

On a related note about high school students, we will partner with the Summer Medical Dental Education Program at UNMC to give interested students a unique week long experience. Stay tuned for details!

Again Happy School Year 2016-2017!

Learn more about our programs:
Visit our website - www.unmc.edu/sepa

Newsletter Committee

- Shrawan (Sam) Kumar
- Maurice Godfrey
- Kim Soper
- Liliana Bronner

SEPA PROGRAM: SCIENCE FUN CAMP 2016

We have held annual workshops, science camp, family science nights covering topics in biology, chemistry, physics, forensics and earth sciences . Our SEPA Health and Science Fun Camp—BioMedicine in Action was held June 5 –8, 2016 in Omaha.. **Picture below:** More than 50 students from 9 different schools participated in a very successful program





SEPA — SCIENCE FUN CAMP—2016

PARTICIPATING SCHOOLS: MARTY INDIAN SCHOOL, SANTEE COMMUNITY SCHOOL, TIOSPA ZINA TRIBAL SCHOOL, UMO^NHON^N NATION PUBLIC SCHOOL, WINNEBAGO PUBLIC SCHOOL, ST. AUGUSTINE INDIAN MISSION SCHOOL, ST. ROBERT BELLAMINE, ST. THOMAS MORE, TODD COUNTY PUBLIC SCHOOL

Pictures below – Program started with Ms. Ramona Zephyr , Nebraska Medicine—demonstrated the importance of



physical activities. Later, students were exposed to a varieties of fun activities which included Magic of Chemistry and Sci-



Students also had the opportunity to visit DO Space - Omaha Community Technology Library where experienced digital play-



ground featuring 3D printing technology and robot building. Education Tour to Walter Scott Aquarium—observed and learned



magical world of underwater life. Visited Cytogenetics Lab and were involved in Gummy Worm Karyotyping. Students visited



Medical Humanities at UNO and Dr. Michele Desmarais talked about practice of mindfulness which can decrease stress and anxiety while improving social skills, academic performance, a sense of well being, attention and focus. Students also visited Neurological Drive Simulation Lab at UNMC - state-of-the-art Mind & Brain Health Labs where activities included Neurocognitive assessment using high-fidelity driving simulators. Students really enjoyed receiving soccer coaching from Creighton Men's Soccer Team.



SEPA ORGANIZED SEVERAL EDUCATIONAL EVENTS IN 2016

List of the Events and Activities

- 1/14/2016 SEPA Partnership with college of nursing in January meeting on—14th January
- 1/26/2016 Meeting with Department of education for partnership with SEPA - January 26
- 2/26/2016 SEPA BOARD MEETING 29TH January, 2016
- 2/17/2016 VISIT TO WALTHILL – FAMILY Science Nights – FEBRUARY 17TH
- 2/18/2016 VISIT TO Family Science Night at Enemy Swim Day School—February 18
- 2/29/2016 MOLECULAR BIOLOGY DAY – FEBRUARY 29-30 - in collaboration with Milwaukee School of Engineering faculties which included Dr. Herman and Dr. Franzen
- 3/15/2016 Santee Science Night at Santee Community School—March 15
- 3/24/2016 March 24 – Life Gate Christian School—Science Day
- 4/07/2016 Native Indigenous Centered Education (NICE) - Family Science Night- April 7
- 4/11/2016 Science Education - Marty Indian School —April 11
- 4/11/2016 Family Science Night - Lake Andes School—April 11
- 4/22/2016 Nebraska Science Festival—SEPA DNA day at ZOO
- 4/21-23/2016 North Dakota STEM conference
- 5/9-12/2016 SEPA meeting Washington D>C>
- 6/5-8/2016 SEPA Health and Science Fun Camp
- 6/30/2016 Science Education—Minne Lusa Elementary School, Omaha
- 7/11-15/2016 Wagner Summer School—SEPA Health & Physical Activities
- 8/15-17/2016 SEPA Activities Planning Program School Visits—Lake Andes, Wagner, Marty
- 8/29-2016 SEPA School Program Visit—Tiospa Zina
- 8/31/2016 SEPA School Program Visit—Rosebud
- 9/1/2016 SEPA School Visit—Todd County and St Francis

ANNOUNCEMENT/UPCOMING EVENTS

1. BOARD MEETING: Hilton Garden Inn, Sioux City, IA
Date: Friday 9, September 2016
Time: 10:00 am – 2:00 pm

2. BEHAVIORAL HEALTH DAY

**November 2nd, 2016 , Marina Inn
South Sioux City, Nebraska**

Publication of SEPA Educational Calendar

We have published an educational calendar (2016 -2017—January to December, 2016 and January to July 2017 to keep up with the school year) for distribution to schools and other educational institutions. The calendar features information about our educational materials, role model posters and pictures of different educational activities. It showcases photos from SEPA health & science fun camp, teacher workshops, hands-on-activities and other programs.

Contact us at
sepa@unmc.edu if you need a copy of the calendar for your classrooms or office.



SEPA Publication - The Power of Role Models

Information about the Native American Role Model Poster sets is available on the web at:
<https://sites.google.com/a/education.ne.gov/power-of-role-models/>

THE NEW ROLE MODEL POSTER—SET 9 WHICH INCLUDES SOUTH DAKOTA HEALTH PROFESSIONALS — IN PROCESS



Dr. Karla Abbott
Cheyenne River Sioux
Nursing Professor
Augustana College
Sioux Falls, SD

WORDS OF WISDOM

Get the textbook for your class as soon as possible. Read and outline the first three chapters and you will never go wrong. Read or skim the chapter before class. Do not be afraid to ask the teacher later in person or via e-mail about your notes from the previous lecture.

Role Model Posters

The Role Model Poster Project features Native Americans in many health and science professions. Each poster includes the name, photograph, and tribal affiliation of the person featured. Additional information for teachers include: education, benefits, motivation, special job skills, and words of wisdom. These posters proved to be a great source of inspiration and motivation to the students and teachers. There are currently seven sets of posters and each set features five tribal members. Set # 8 features: a dental assistant, pharmacy technician, biologist, nurse practitioner, and health scientist.