



Center for STEM Education & Research

CHICAGO STATE
UNIVERSITY

Center for STEM Education and Research

May 2014

Cultivating Our Greatest Resources

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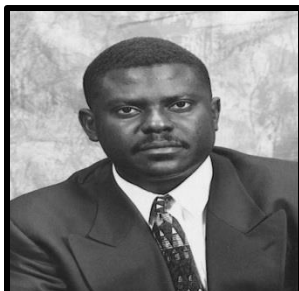
The Center for STEM Education and Research is housed on the campus of Chicago State University, Chicago's oldest fully accredited public university. Along with CSER, Chicago State University offers a wide range of opportunities for students pursuing degrees in STEM fields. Our faculty, students and alumni are passionate about education. They exemplify our best practices – high quality academics, compassionate mentoring, cultural awareness and a commitment to success.

WELCOME!

Project Syncere is our newest program collaboration. This hands-on approach to computer programming and robotics for High School students debuted at CSU in January 2014.



AT CHICAGO STATE UNIVERSITY



WE GROW DIAMONDS

Chicago State University graduate Patrick Obukowho is working to change the face of the hair care industry. As a chemist, Obukowho has over twenty years of experience in ethnic product formulation from his time as a research chemist with Luster Products, Inc. in Chicago to joining Croda, Inc. as an application specialist. Currently, Obukowho founded Advantage Research Lab to further explore the science of formulating and designing new products for the ethnic hair market. With his B.S. degree in Chemistry from CSU, Patrick has been able to negotiate the science world, becoming an expert in the field of cosmetic chemistry. With several US patents and published articles, as well as a book from Allured Publishing entitled Hair Relaxers: Science, Design and Application already under his belt, Obukowho is one of CSU's scientific shining stars.

As we enter into the 20th year of the ILSAMP program at Chicago State University, we are thankful for the support of our faculty, staff and students in furthering our mission. Today, more students are studying and working in the fields of science, technology, engineering and math. Their success is the result of our collective effort. They are our diamonds, cultivated through a collaboration of knowledge, mentorship and heart. We celebrate them individually and as the future of a diverse STEM community.

Dr. LeRoy Jones, II, Executive Director, ILSAMP and CSER



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EVENTS

May 9th

Coordinators Meeting

May 19 – 24

Seventh International
Undergraduate Research
Symposium
Chicago State University



Congratulations to the Chicago State University PREP Teams:

Team In10sity

Team Shock

Team V12

All teams brought home awards at the Ten80 Education Student Racing Challenge NASCAR STEM Initiative, held at the National Society of Black Engineers 2014 National Convention.

Summer of STEM at CSU

Thornton Township District 205 Nanoweeek Workshop

- 22 June- 27 June 2014
- 50 9th -11th grade students
- 9:00 am – 4:00 pm

NSF Urban STEM Talent Expansion Program

- 3 June; 13 June; 16 June - 8 August 2014
- 30 Community College Transfer Students
- 8:00 am – 4:00 pm

Middle School Pre- Freshmen Program in Engineering and Science (PREP) Project

- 23 June - 9 August 2014
- 30 Middle School Students
- 8:00 am – 1:00 pm

High School Pre- Freshmen Program in Engineering and Science (PREP) Project

- 23 June - 9 August 2014
- 30 High School Students
- 8:00 am – 1:00 pm

Nigerian Summer STEM Project

- 28 July - 8 August 2014
- 25 Nigerian High School Students

Project SYNCERE

- 30 June – 8 August 2014
- 30 High School Students

Talented Tenth Leadership Program

- 7 July - 8 August 2014
- 30 High School Students

Navy JORTC STEM Camp

- 14 July- 25 July 2014
- 25 High School Cadets

Visit our web site for events, opportunities, resources or to apply to our programs.

www.cser-csu.org