

Science...an “exploding” science at CCSJ



**FOURTH ANNUAL BRUNCH TO BENEFIT THE
QUENTIN P. SMITH ENDOWED CHAIR IN
SCIENCE - 2016**

DR. SANDRA CHIMON ROGERS

What's the stigma with associated science?



- It's hard
- Hated it in high school
- It's not fun
- Science is just not my thing
- Never really good at it
- It's too much math and that is not for me

How to break away from the stigma?



Make things explode!!!

Have fun with science.

Accomplished here at CCSJ.

- My first week here, resulted in this.....



2013-2014



- Research on the prevention of Alzheimer's disease
- Society for Neuroscience – 6 posters
- Chicago Area Undergraduate Research Symposium (CAURS) – 6 posters

2014-2015 HUGE YEAR FOR SCIENCE!!!



- 16 scientific research posters we accepted in a to be presented at Michigan State University (only 62 were accepted across the Midwest ~26%) at the Midwest Research Symposium on the Prevention of Alzheimer's disease.

2014-2015 Continuing on!!!



- Became members of CAURS along with University of Chicago, Northwestern University, University of Illinois at Chicago, Illinois Institute of Chicago, Loyola University, Roosevelt University, and DePaul University.

2014-2015 MORE IMPACTFUL STUFF!!!



- 29 CCSJ students out of 93 presented at CAURS (~31%).
- Logan Cole was awarded the best poster in institute.

2014-2015 STILL A HUGE YEAR!!!



For excellent academic standing, merit, and scientific research in the neuroscience category, the following students were awarded a full paid trip to visit University of California at Davis neuroscience program.

Out of 600+ applicants, only 23 were selected nationwide, and 4 were from CCSJ: Jessica Compton, Elena Cortes, Jennifer Diaz, and Mariana Portela.

2014-2015 STILL BRAGGING ABOUT OUR STUDENTS!!!



For excellent undergraduate research, Allen Walker has been awarded an achievement of honors from the Applied Spectroscopy Society.

2014-2015 STILL SHOWING OFF!!!



Britney Bowers was selected to be one of the very few, and the only one from CCSJ, to join Indiana University's School of Medicine International Human Cadaver Prosection Program

2014-2015 OUT OF THIS WORLD!



1 out of 3 programs nationwide to collaborate with the Boy Scouts of America, the International Space Station, CASIS and NASA to send out our Alzheimer's research into space and developing a small spectrometer to obtain the data.

Met an astronaut, have weekly conference calls with NASA, Texas A&M and CASIS.

2015-2016 JUST STARTED!!



- Going up in Space this year..... December 1st, 2016 on the SpaceX
- Elena Cortes and Jennifer Diaz were awarded an all expense paid trip (flight, stay, food, and a football game) to go to University of Michigan for the MCORE program.
- In April, a large number of students will present posters and TALKS at CAURS.

2015-2016 JUST STARTED!!



- Jennifer Diaz was awarded a monetary scholarship from the Society of Cosmetic Chemists of the Midwest (only 6 winners).
 - 1 student from U of Wisc
 - 1 student from Purdue – West Lafayette
 - 2 students from U of Chicago
 - 1 student from Northwestern University
- **OUT OF 225 applicants!!!**

2015-2016 JUST STARTED!!



- Will present a large number of posters and TALKS at Society for Neuroscience.
- Presenting 4 research posters at the Biophysical Conference in LA

2015-2016 JUST STARTED!!



- Students are applying for graduate school and are successfully being called in for interviews at TOP RANKED schools (i.e., Rush Nurse Practitioner Program, Clemson University, University of Illinois)!
- Working on a collaboration with NSF, a local brewery and the business program to cultivate a new yeast strain.