

National Organization for the Professional Advancement of
Black Chemist and Chemical Engineers

NOBCChE PRESENTS



**Greater Cincinnati Science Extravaganza: Fair,
Festival and Competition
Jr (grades 5-8) and Sr (grades 9-12) Division**

**@ University of Cincinnati College of
Engineering & Applied Science**

Saturday, April 21, 2018

Location: 2220 Victory Parkway

8:00 AM: Doors Open | 9:00 AM Competition Starts | 3:00 PM Winners

Announced For more information, please visit www.nobccheSTEMwkd.com

In partnership with University of Cincinnati College of Engineering & Applied
Science, Queen City Foundation and the Cincinnati Chapter of National
Technical Association (NTA)

About Us

The National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE) is a non-profit organization that initiates and supports programs, fellowships, as well as academic and professional development opportunities to build a distinguished, inclusive community of minority chemists, chemical engineers and other scientists of color. In particular, one of our goals is to impact K-12 Science, Technology, Engineering, and Mathematics (STEM) education by promoting careers in science and technology as an achievable goal for elementary, middle, and high school students.

Our Goal

The NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair is an initiative adopted from the NOBCChE Science Bowl, initiated in 1989, and NOBCChE STEM Weekend. Our goal is to inspire the next generation of scientist and engineers.

Current Sponsors & Partners

The NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair are sponsored by University of Cincinnati College of Engineering and Applied Science in partnership with Xavier University, Cincinnati Chapter of National Technical Association, and Queen City Foundation.



College of Engineering
and Applied Science



XAVIER
UNIVERSITY



QUEEN CITY
FOUNDATION

Event Information

Annual NOBCCHE/UC Greater Cincinnati Science Bowl & Science Fair

Saturday, April 21, 2018 at 8:00 am
University of Cincinnati College of Engineering and Applied Science
(2220 Victory Parkway, Cincinnati, OH 45206)

Students can participate in all events!

The Science Bowl is an event in which Junior (5th – 8th grades) and Senior (9th – 12th grades) teams, comprised of 3-5 students and a teacher/adult as a team coach, compete in a fast-paced question and answer format elimination quiz bowl. Challenge competition questions are based on an overall understanding of physical sciences (physics & chemistry), life sciences, earth sciences, engineering, mathematics, as well as black scientists and inventors.

The Science Fair is a poster competition in which students in Junior (5th – 7th grades) and Senior (8th – 12th grades) divisions present an independent research project. Each contestant or team of contestants (2-3 students) in the Science Fair should demonstrate their ability to conduct a research project in one of the following subject areas: physical sciences (physics & chemistry), engineering & mathematics, life sciences or consumer science. STEM professionals and subject matter experts will judge posters and abstracts.

The Science Festival is an event for students of all ages to explore science and learn about STEM. Demonstrations will be provided by scientist, engineers, college students, educators, and organizations who are interested in STEM outreach. The Science Festival will take place throughout the day.

Tentative Schedule

8:00 am -8:30 am	Registration and Breakfast
8:30 am-9:00 am	Opening Remarks
9:00 am-11:30 am	Science Bowl Competition & Science Fair
11:30 am-12:30 pm	Lunch
12:30 pm-1:15 pm	Championship Rounds
1:15-1:30 pm	Break
1:30-2:00 pm	Closing Remarks and Awards

Note: The final schedule with room locations will be provided prior to the event.



Benefits, Expectations & Support

Benefits

In addition to science skills development, students will develop critically important skills:

- Math Competency
- Time Management
- Reading Comprehension
- Communication
- Leadership

Expectations

Science Bowl

- Participants are encouraged to review subject areas and materials provided in preparation for the Science Bowl
- Teams are encouraged to be familiar with the following subjects: physical sciences (physics & chemistry), life sciences, earth sciences, engineering, mathematics, as well as black scientists and inventors.
- Successful teams practice a minimum of 10 hours in preparation for the Science Bowl (e.g. practice and study time during lunch, after school, incorporation in to class time).

Science Fair

- Research projects should be in one of the following subjects: physical sciences (physics & chemistry), engineering & mathematics, life sciences or consumer science
- Successful participants approach research projects by following the scientific method.

Support

NOBCCChE will provide the following support to aid coaches and participants in preparation for the event.

- Guidelines and mentor for the Science Fair
- Guidelines and study materials for the Science Bowl
- Coach contact to answer questions and provide guidance and support
- Help Nights for coaches and participants
 - February – Science Bowl & Science Fair Overview: Guidelines and Q&A
 - March – Science Bowl Practice Run & Science Fair Project Review

Registration

Registration is Free!

Register by completing the form(s) in this packet.

Email the registration form by March 9, 2018 to: williams.jm@pg.com

For questions on the registration contact: Josh Williams via email williams.jm@pg.com

2018 NOBCCHE/UC GREATER CINCINNATI SCIENCE BOWL & SCIENCE FAIR

SCIENCE BOWL REGISTRATION FORM FOR APRIL 21, 2018

(Please Print)

Today's Date:		School/Organization:			
COACH CONTACT INFORMATION					
Last Name:		First:	Middle:	Email Address:	
Science Bowl Team Name:				Coach T-shirt Size:	
School/Organization Street Address:				Best Contact Phone Number: ()	
P.O. Box:	City:		State:	ZIP Code:	
Academic Division: JUNIOR DIVISION (5 th -8 th grade)			SENIOR DIVISION (9 th -12 th grade)		

TEAM CONTACT INFORMATION					
Please add each member's name, age, grade for 2017-18 school year, student's 10 digits home phone number, name and email address of parent/guardian.					
Student's Name	Age	Grade	T-shirt Size	Parent/Guardian Name, Email Address	Phone Number
1					
2					
3					
4					
5					

ADDITIONAL INFORMATION		
Are you a new Science Bowl Competitor?		
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other <input type="checkbox"/> explain:
Have you heard about NOBCChE or the partner organizations? If so, which organizations?		
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other <input type="checkbox"/> explain:

Email the registration form to: Josh Williams via email williams.jm@pg.com

2018 NOBCCHE/UC GREATER CINCINNATI SCIENCE BOWL & SCIENCE FAIR

SCIENCE FAIR REGISTRATION FORM FOR APRIL 21, 2018

(Please Print)

Today's Date:	School/Organization:		
PARENT/GUARDIAN CONTACT INFORMATION			
Last Name:	First:	Middle:	
Parent/Guardian Name:			Email Address:
Home Street Address:			Best Contact Phone Number: ()
P.O. Box:	City:	State:	ZIP Code:
Academic Division: JUNIOR DIVISION (5 th -8 th grade)		SENIOR DIVISION (9 th -12 th grade)	

STUDENT(S) INFORMATION			
Last Name:	First:	Middle:	T-shirt Size:
Last Name:	First:	Middle:	T-shirt Size:
Last Name:	First:	Middle:	T-shirt Size:
Project Subject Area:			
Project Title:			
Brief Description:			

ADDITIONAL INFORMATION		
Are you a new Science Fair Competitor?		
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other <input type="checkbox"/> explain:
Have you heard about NOBCChE or the partner organizations? If so, which organizations?		
YES <input type="checkbox"/>	NO <input type="checkbox"/>	Other <input type="checkbox"/> explain:

Email the registration form to: Leo Oquendo via email oquendo.le@pg.com

2018 NOBCChE/UC Greater Cincinnati Science Bowl & Science Fair

PARENT CONSENT / MEDIA RELEASE FOR STUDENT PARTICIPATION

School/Organization _____

I, (Mr., Mrs., Ms.) _____, the parent or legal guardian, as appropriate, of _____, give my consent for him/her to participate in all activities associated with the 2018 NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair. I understand that this will include participation in special events and activities related to the 2018 NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair and may include travel under the supervision of the team coach.

To promote, evaluate, or otherwise describe the NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair's training and educational programs and activities, I give permission to NOBCChE, and its partnering organizations, to use in connection with any publication (including but not limited to brochures, booklets, videotapes, reports, press releases, websites, including social media, and exhibits) any image or recording in which my child, a minor, appears, to use and cite any comment(s), verbal or written, made by said minor about the program, and to use said minor's name in connection with any publication and in such manner as determined by NOBCChE and its partnering organizations.

I hereby release and discharge NOBCChE and its partnering organizations, their officers and volunteers, and persons, firms, or corporations contracting with, or acting on behalf of, NOBCChE and its partnering organizations with respect to all activities associated with the 2018 NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair, as well as their heirs, executors, administrators, successors, or assigns, from any cause of action of any nature whatsoever arising from my child's participation in any and all activities associated with the 2018 NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair.

(Print Name of Parent or Legal Guardian)

(Signature of Parent or Legal Guardian in Ink)

Date _____

For the 2018 NOBCChE/UC Greater Cincinnati Science Bowl and Science Fair, please return the completed form to the teacher/adult (team coach).