



**SCIENCE OLYMPIAD SUMMER INSTITUTE
HILTON CONFERENCE CENTER at TAPATIO CLIFFS
PHOENIX, AZ - JULY 15 – 19, 2019
DRAFT AGENDA**

Only Registered Participants with Name Tags are allowed in any room.

The B & B/C sessions are in the 1st floor Salons ABE; C sessions only 1st floor Salon G; Device Building Salon F

Notes: Text in bold represents new events or activities; B sessions are listed 1st; B&C are centered; C sessions are listed 2nd

MONDAY, JULY 15

3:00PM – 5:30 PM	REGISTER	Registration Hilton Conference Center Lobby
3:30 PM – 5:30 PM	CHOICE	Science Olympiad Coaching Basics
5:30 PM – 5:45 PM	BREAK	Break
5:45 PM – 7:00 PM	DINNER	Dinner - Salon I/J
7:00 PM – 8:00 PM	WELCOME	Welcome & Overview
8:00 PM – 9:30 PM	INTRO	Science Olympiad Trivia Challenge

TUESDAY, JULY 16

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard or Salon I/J
8:00 AM – 9:00 AM	EVENT	Boomilever
9:05 AM - 10:05 AM	EVENT	Ornithology
10:05 AM – 11:00 AM	BREAK	Break/Building Room/ Deep Dive Sessions #1
11:00 AM – 12:00 PM	EVENTS	Density Lab/ Detector Building
12:00 PM – 1:00 PM	LUNCH	Lunch - Salon I/J
1:00 PM – 2:00 PM	EVENT	Dynamic Planet
2:05 PM – 3:05 PM	EVENTS	Mousetrap Vehicle /Wright Stuff
3:05 PM – 3:55 PM	BREAK	Break/Building Room/ Networking Time
3:55 PM – 4:55 PM	EVENT	Disease Detectives
5:00 PM – 6:00 PM	EVENTS	EL Gliders/Codebusters
6:00 PM – 7:00 PM	DINNER	Dinner - Salon I/J
7:00 PM – 8:00 PM	EVENT	Circuit Lab
8:00 PM – 9:30 PM	CHOICE	Break/Building Room/ Collegial Conversations Night #1

WEDNESDAY, JULY 17

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard
8:00 AM – 9:00 AM	EVENT	Write It Do It
9:05 AM – 10:05 AM	EVENTS	Mission Possible /Designer Genes
10:05 AM – 11:00 AM	BREAK	Break/Building Room/ Deep Dive Sessions #2
11:00 AM – 12:00 PM	EVENT	Fossils
12:00 PM – 1:00 PM	LUNCH	Lunch - Salon I/J
1:00 PM – 2:00 PM	EVENT	Water Quality
2:05 PM – 3:05 PM	EVENT	Indoor Bottle Rocket
3:05 PM – 3:55 PM	BREAK	Break/Building Room/ Networking Time
3:55 PM – 4:55 PM	EVENT	Machines (Simple & Compound)
5:00 PM – 6:00 PM	EVENTS	Meteorology/ Gravity Vehicle
6:00 PM – 7:00 PM	DINNER	Dinner- Salon I/J
7:00 PM – 8:00 PM	EVENT	Experimental Design
8:00 PM – 9:30 PM	CHOICE	Break/Building Room/ Collegial Conversations Night #2

THURSDAY, JULY 18

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard
8:00 AM – 9:00 AM	EVENT	Anatomy & Physiology
9:05 AM – 10:05 AM	EVENT	Game On/Sounds of Music
10:05 AM – 11:00 AM	BREAK	Break/Building Room/ Deep Dive Sessions #3
11:00 AM – 12:00 PM	EVENTS	Road Scholar/Protein Modeling
12:00 PM – 1:00 PM	LUNCH	Lunch - Salon I/J
1:00 PM – 2:00 PM	EVENTS	Crime Busters/GeoLogic Mapping
2:05 PM – 3:05 PM	EVENTS	Food Science Astronomy
3:05 PM – 3:55 PM	BREAK	Break/Building Room/ Networking Time
3:55 PM – 4:55 PM	EVENTS	Heredity/Forensics
5:00 PM – 6:00 PM	EVENTS	Reach for the Stars / Chem Lab
6:00 PM – 7:00 PM	DINNER	Dinner - Salon I/J
7:00 PM – 9:30 PM	EVENT	Mini-Olympiad

FRIDAY, JULY 19

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard
8:00 AM – 9:00 AM	EVENT	Wrap-Up/Awards/Group Photo
9:05 AM – 12:00 PM	EVENT	Rules Discussion
12:00 PM - 1:00 PM	LUNCH	Lunch - Salon I/J

Have a safe trip home and a successful 2020 season!



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In order to maximize learning, address a number of topics, and meet the needs of a diverse group of experience levels, the Science Olympiad Summer Institute offers a variety of session types throughout the Institute. In an effort to help attendees plan their experience to ensure that they make the most of their time in Phoenix, a brief, general description of each session type is provided:

- **Event Sessions:** By far the most numerous type of session offered at Summer Institute. These sessions are meant to provide the attendee with an overview of the event that will be part of the upcoming year's Science Olympiad competition. To achieve that the presenters will go over the rules highlighting key points or significant changes as well as explaining essential content and coaching tips.
- **Choice Sessions:** Occurring a few times of day throughout the Institute, these sessions are meant to provide the attendee with diverse, educational, and fun options that extend learning beyond just the details of the Science Olympiad events. Descriptions of the activities that attendees will have to choose from are:
 - **Science Olympiad Coaching Basics:** This session is intended to start off the Institute by highlighting key questions that successful Science Olympiad coaches need to answer as they prepare for their season. This session will feature a discussion of possible solutions as well as resources available to the coach to support both his or her development along with team success.
 - **Science Olympiad Trivia Challenge:** The Institute starts off with a fun low-key session where attendees can learn about each other, learn about the history of Science Olympiad, and show-off their knowledge of science content as well as science in pop culture while trying to earn some of the most unique medals Science Olympiad has ever offered.
 - **Break:** Every morning and afternoon there will be extended time for attendees if they so choose to take a break from their learning to process the information they have learned, check-in on friends and family back home, or go get that needed coffee, tea, or soda.
 - **Building Room:** Starting on Tuesday morning at 9:15 and running through Thursday dinner, the Summer Institute takes over Salon F to allow attendees, whether individually or as a team, to try out designing and building various devices. Attendees may choose to skip scheduled event sessions and/or meals to work on their construction; however, if you would rather the Building Room will be an option during the Break times schedule each day.
 - **Deep Dive Sessions:** No matter how great a presenter is he or she will never be able to cover everything about an event to foster team success in the allotted time they have. Also, not every attendee benefits from diving down and really digging in on a topic or issue. To solve this conundrum, we have added Deep Dive Sessions to the schedule. Occurring every morning, these sessions will allow a few select presenters additional time to go into greater detail about their event. The exact topics to be addressed and the locations of these sessions will be published as we get closer to the Summer Institute.
 - **Networking Time:** It is often said that some of the most important learning from Summer Institute happens after you leave when you talk to other attendees during the season. To help this process along there are intentional daily blocks of time to allow you to have a conversation with other attendees.
 - **Collegial Conversations:** On Tuesday and Wednesday night the Institute will close with optional conversations selected and facilitated by other attendees.
- **Mini-Olympiad:** On Thursday night, interested attendees will have the opportunity to try their hand at select events from the upcoming season with the opportunity to win medals and prizes on the line.
- **Rules Discussion:** The Summer Institute will close with a session where attendees' questions about the details of an event outlined in the Rules are addressed.

Have a safe trip home and a successful 2020 season!