



**SCIENCE OLYMPIAD SUMMER INSTITUTE  
HILTON CONFERENCE CENTER at TAPATIO CLIFFS  
PHOENIX, AZ - JULY 13 – 17, 2020  
AGENDA**

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

**The B & B/C sessions are in the 1<sup>st</sup> floor Salons ABE; C sessions only 1<sup>st</sup> 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 13**

3:00 PM – 5:30 PM	REGISTER	Registration in Hilton Conference Center Lobby
5:45 PM – 7:00 PM	DINNER	Dinner – Salon I/J
7:00 PM – 7:45 PM	WELCOME	Welcome & Overview
7:45 PM – 9:15 PM	EVENT	<b>Science Olympiad Coaching in the 2020's</b>

**TUESDAY, JULY 14**

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard or Salon I/J
8:00 AM – 9:00 AM	EVENT	<b>Elevated Bridge</b>
9:05 AM - 10:05 AM	EVENT	<b>Crave the Wave</b> /Detector Building
10:05 AM – 11:00 AM	BREAK	Break/Building Room/Deep Dive Sessions #1
11:00 AM – 12:00 PM	EVENTS	<b>Green Generation</b>
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	<b>Sounds of Music</b> /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	<b>Electric Wright Stuff</b> /Gravity Vehicle
6:00 PM – 7:00 PM	DINNER	Dinner - Salon I/J
7:00 PM – 8:00 PM	EVENT	<b>Rocks &amp; Minerals</b>
8:00 PM – 9:30 PM	CHOICE	Break/Building Room/Deep Dive Sessions #2

**WEDNESDAY, JULY 15**

7:00 AM – 8:00 AM	BREAKFAST	Breakfast - East Courtyard
8:00 AM – 9:00 AM	EVENT	Ping-Pong Parachute
9:05 AM – 10:05 AM	EVENTS	Mission Possible/ <b>WiFi Lab</b>
10:05 AM – 11:00 AM	BREAK	Break/Building Room/Deep Dive Sessions #3
11:00 AM – 12:00 PM	EVENT	Write It Do It
12:00 PM – 1:00 PM	LUNCH	Lunch - Salon I/J
1:00 PM – 2:00 PM	EVENT	Ornithology
2:05 PM – 3:05 PM	EVENT	Crime Busters/ <b>Remote Sensing</b>
3:05 PM – 3:55 PM	BREAK	Break/Building Room/Networking Time
3:55 PM – 4:55 PM	EVENT	Food Science/ <b>Cell Biology</b>
5:00 PM – 6:00 PM	EVENTS	Mousetrap Vehicle/ <b>Game On</b>
6:00 PM – 7:00 PM	DINNER	Dinner- Salon I/J
7:00 PM – 8:00 PM	EVENT	Machines
8:00 PM – 9:30 PM	CHOICE	Break/Building Room/Deep Dive Sessions #4

**THURSDAY, JULY 16**

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	<b>Codebusters</b> /Chem Lab
10:05 AM – 11:00 AM	BREAK	Break/Building Room/Deep Dive Sessions #5
11:00 AM – 12:00 PM	EVENTS	<b>Bio Process Lab</b> /Forensics
12:00 PM – 1:00 PM	LUNCH	Lunch - Salon I/J
1:00 PM – 2:00 PM	EVENTS	Experimental Design
2:05 PM – 3:05 PM	EVENTS	<b>Awesome Aquifer</b> /Astronomy
3:05 PM – 3:55 PM	BREAK	Break/Building Room/Networking Time
3:55 PM – 4:55 PM	EVENTS	Meteorology/ <b>Environmental Chemistry</b>
5:00 PM – 6:00 PM	EVENTS	Reach for the Stars/ <b>It's About Time</b>
6:00 PM – 7:00 PM	DINNER	Dinner - Salon I/J
7:00 PM – 9:30 PM	EVENT	Mini-Olympiad

**FRIDAY, JULY 17**

7:00 AM – 8:00 AM	BREAKFAST	Breakfast – East Courtyard
8:00 AM – 8:45 AM	EVENT	Group Photo/Wrap-Up/Awards/
9:00 AM – 11:00 AM	EVENT	<b>Rules Discussion</b>

**Have a safe trip home and a successful 2021 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.
- **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 2021 season!