

Start Eastern Time	End Eastern Time	Session/Presentation Title	Presenter Name
Day 1: March 1			
10:00 AM	10:05 AM	Welcome & Introduction (Including Technical Instructions)	
10:05 AM	11:20 AM	Session I - The core of a research study	Moderator: Dr. Andrea S. Doria
10:05 AM	10:20 AM	Research Design Review	Dr. Diego Jaramillo
10:20 AM	10:35 AM	Research Design Exercise	Dr. Andrea S. Doria
10:35 AM	10:50 AM	Basic of statistics – Case-Based Exercise	Dr. Jonathan Dillman
10:50 AM	11:05 AM	Basic of statistics – Case-Based Exercise	Dr. Jonathan Dillman
11:05 AM	11:20 AM	QA	All
11:20 AM	11:25 AM	Break	
11:25 AM	12:40 PM	Session II - Learning from others and planning a database	Moderator: Dr. Rajesh Krishnamurthy
11:25 AM	11:40 AM	Reviewing and critically appraising scientific papers - How to Do It	Dr. Michael Gee
11:40 AM	11:55 AM	Reviewing and critically appraising scientific papers - Exercise	Dr. Michael Gee
11:55 AM	12:10 PM	Collecting data and preparing a database - How to Do It	Dr. Rajesh Krishnamurthy
12:10 PM	12:25 PM	Collecting data and preparing a database - Examples	Dr. Rajesh Krishnamurthy
12:25 PM	12:40 PM	QA	All
12:40 PM	1:40 PM	Lunch Break	
1:40 PM	2:55 PM	Session III - Getting approvals, the right team and the right support	Moderator: Dr. Sherwin Chan
1:40 PM	1:55 PM	Sample size estimation - Looking at Outcomes	Dr. Sherwin Chan
1:55 PM	2:10 PM	Sample size estimation - Exercise	Dr. Sherwin Chan
2:10 PM	2:25 PM	Getting Institutional Research Board approval, and Starting to Work with a Statistician	Dr. Alejandra Bedoya
2:25 PM	2:40 PM	Authorship / Plagiarism / Finding a mentor	Dr. Sara Reis Teixeira
2:40 PM	2:55 PM	QA	All
2:55 PM	3:00 PM	Break	
3:00 PM	4:15 PM	Session IV - From learning common research designs in radiology to preparing a manuscript	Moderator: Dr. Savvas Andronikou
3:00 PM	3:15 PM	Diagnostic Tests – Practical Exercises – ROC Curves, Critical Appraisal of Articles	Dr. Andrea S. Doria
3:15 PM	3:30 PM	Measurements	Dr. Andrea S. Doria
3:30 PM	3:45 PM	How to Write a Manuscript (Authorship Criteria, Abstract, Introduction, Methods)	Dr. Andy Tsai; Dr. Elka Miller
3:45 PM	4:00 PM	How to Write a Manuscript (Results, Discussion, references, Tables, Figures)	Dr. Teresa Victoria; Dr. Andrew Trout
4:00 PM	4:15 PM	Practical Tips on Editing a Manuscript	Dr. Savvas Andronikou
4:15 PM		Adjourn	

Day 2: May 17

10:00 AM	10:05 AM	Welcome & Introduction (Including Technical Instructions)	
10:05 AM	11:20 AM	Session V - Learning from our errors	Moderator: Dr. Elysa Widjaja
<i>10:05 AM</i>	<i>10:20 AM</i>	Common Pitfalls of a Manuscript	Dr. Birgit Ertl-Wagner
<i>10:20 AM</i>	<i>10:35 AM</i>	Evaluating Manuscripts from Colleagues - Introduction (Hypothesis, Research Questions)	Dr. Andy Tsai
<i>10:35 AM</i>	<i>10:50 AM</i>	Evaluating Manuscripts from Colleagues - Methods	Dr. Elka Miller
<i>10:50 AM</i>	<i>11:05 AM</i>	Evaluating Manuscripts from Colleagues - Results	Dr. Sara Reis Teixeira
<i>11:05 AM</i>	<i>11:20 AM</i>	QA	All
11:20 AM	11:25 AM	Break	
11:25 AM	12:40 PM	Session VI - Revising and (re)submitting a manuscript to a journal	Moderator: Dr. Geetika Khanna
<i>11:25 AM</i>	<i>11:40 AM</i>	Evaluating Manuscripts from Colleagues - Discussion & Conclusion	Dr. Andrea S. Doria
<i>11:40 AM</i>	<i>11:55 AM</i>	Evaluating Manuscripts from Colleagues - Tables, Figures, Cover Letter, Title Page	Dr. Savvas Andronikou
<i>11:55 AM</i>	<i>12:10 PM</i>	Lessons on How to Edit a Manuscript, Submit it to the Right Journal, and Review it for Re-submission	Dr. Geetika Khanna
<i>12:10 PM</i>	<i>12:25 PM</i>	Feedback from Audience about Challenges in Completing their Manuscripts	All
<i>12:25 PM</i>	<i>12:40 PM</i>	QA	All
12:40 PM		Adjourn	

SPR 2024 PEDIATRIC RESEARCH COURSE

PROGRAM FORMAT

DAY 1 (FRIDAY, MARCH 1, 2024)

Participants will attend online sessions on research design, critical appraisal of scientific papers, diagnostic tests, measurements and database preparation and management with examples and case-based exercises applicable to clinical practice.

Between Day 1 and Tutor Session #1, participants are expected to select a research project idea (option #1), a research project previously started but on-hold at the moment (option #2), or a completed project previously submitted to a scientific journal for consideration of publication which was rejected and has potential to be improved (option #3).

Online Tutor Session #1 (TBA, prior to the SPR Annual Meeting):

Participants will receive personalized mentorship on how to get started on their action course project by experienced course tutors according to options 1, 2 or 3 that they previously selected at the time of registration. Specific tasks will be outlined between tutor sessions #1 and #2.

Optional SPR meeting get-together and network session (Sunday, April 14, 2024, after the mid-day session):

Participants, course faculty, leaders of Pediatric Radiology and general SPR meeting registrants who have interest in research will get-together to share past experiences in research and will expand their network towards their research area of interest in pediatric radiology (per subspecialty, per topic).

Online Tutor Session #2 (TBA, after the SPR Annual Meeting):

Participants will discuss with their course mentors' successes and challenges that they faced to achieve the proposed tasks and will receive feedback on how to get their projects improved towards their personalized goal.

DAY 2 (FRIDAY, MAY 17, 2024)

Participants and course faculty will debrief on common pitfalls and errors in research design based on lessons learned from the assessment of the own work of participants, will explore tips on how to edit manuscripts and will receive feedback from peers about challenges in completing their course tasks. Final materials achieved until day 2 can be submitted by participants to their course tutors for final feedback.