SESSION 1

10am EST  Opening Remarks & Introductions
Tracy Dixon Salazar, PhD

10:15am EST  What We Know about LGS & Ongoing Questions
Moderators:
Heather Mefford, MD, PhD
Ann Poduri, MD, MPH

10:30am EST  History, EEG Features, & Clinical Findings in LGS
Elaine Wirrell, MD

11am EST  Causes of LGS
Anup Patel, MD

11:30am EST  What does better look like? Identifying and Measuring Meaningful Outcomes for LGS
Anne Berg, PhD

12pm EST  Current and Emerging Treatments in LGS
James Wheless, MD

12:30pm EST  Panel Discussion:
Where are the gaps in our understanding of LGS and what do we need to do to bridge those gaps?

1pm EST  Break (1 hour)

SESSION 2

2pm EST  How do we advance clinical research to understand the LGS network?
Moderators: Eric Marsh, MD, PhD
Brenda Porter, MD, PhD

2:15pm EST  How we might map network dysfunction in LGS: Early Developmental Changes in the EEG and MRI that portend LGS
Jurriaan Peters, MD, PhD

2:45pm EST  How we might modulate network dysfunction in LGS: Important findings in Mapping and Modulating Networks
Jennifer Gelinas, MD, PhD

3:15pm EST  Specific Network changes in LGS
John Archer, MD, PhD

3:45pm EST  How we might predict who will develop LGS: Potential Biomarkers of the LGS Phenotype
Zach Grinspan, MD, MS

4:15pm EST  Break (15 mins)

4:30pm EST  Developing Novel Approaches to Clinical Trials for LGS
Dennis Dlugos, MD

5pm EST  Panel Discussion:
Where are the gaps in our clinical understanding of LGS and what do we need to do to bridge those gaps?

5:30pm EST  Happy Hour
**MEETING OF THE MINDS**

**FOR RESEARCHERS - SEPT. 14TH**

### SESSION 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10am</td>
<td>Welcome Back</td>
<td>Tracy Dixon-Salazar, PhD</td>
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<tr>
<td>10:15am</td>
<td>Advancing Basic Research to Understand the LGS Network</td>
<td>Scott Baraban, PhD</td>
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<tr>
<td>10:30am</td>
<td>Organoids Modeling of Networks</td>
<td>Allyson Muotri, PhD</td>
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<tr>
<td>11am</td>
<td>Zebrafish Modeling of Networks and Relevance to LGS</td>
<td>Megan Dennis, PhD</td>
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<tr>
<td>11:30am</td>
<td>Rodent Modeling of Networks and Relevance to LGS</td>
<td>Mingshan Xue, PhD</td>
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<tr>
<td>12pm</td>
<td>Panel Discussion: Where are the gaps in our understanding of LGS and what do we need to do to bridge those gaps?</td>
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<tr>
<td>1pm</td>
<td>Break (1 hour)</td>
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### SESSION 4

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>2pm</td>
<td>What do we know? Where are the gaps? What can researchers, clinicians, families do to fill those gaps?</td>
<td>Eric Marsh, MD, PhD</td>
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<tr>
<td>2:15pm</td>
<td>Clinical Research Needs on the LGS Network</td>
<td>Martina Bebin, MD, MPA</td>
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<tr>
<td>3pm</td>
<td>Basic Research Needs on the LGS Network</td>
<td>Ivan Soltesz, PhD</td>
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<td>3:45pm</td>
<td>Translating LGS Network Research to Patients</td>
<td>Jeff Noebels, MD, PhD</td>
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<tr>
<td>4:30pm</td>
<td>Wrap-up and the Role of the LGS Foundation in Funding Research</td>
<td>Tracy Dixon-Salazar, PhD</td>
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"This meeting is critical! This meeting will not only bring the research and family communities together but will help guide the LGS Foundation's research funding strategy as we seek disease-modifying therapies for LGS."

*Tracy Dixon-Salazar, PhD*