1. The APHL/ISNS 2023 Newborn Screening Symposium (NBSS) is a hybrid meeting with both in-person and virtual events. Speakers should plan to present in-person in Sacramento, CA.

2. All presenters must register for the 2023 NBSS and assume responsibility for their own transportation, lodging and registration fees. See registration information on the Symposium website.

3. There is no limit on the number of abstracts that registrants may submit. However, authors must be in attendance for their presentations.

4. Accepted abstracts will be posted on the Symposium website. Editorial changes may be made to accepted abstracts at the discretion of the Planning Committee.

5. If you or your program have not previously presented at the Symposium, or are new to scientific presentation in general and are unsure of how to proceed, we can offer mentorship for writing your abstract. Please see the box below for more information.

6. Membership in APHL or the International Society of Neonatal Screening (ISNS) is not required for presenting a paper at the Symposium.

**General Information**

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**Abstract Submission**

Abstracts submitted for the 2023 NBSS will be evaluated for acceptance by the Planning Committee. Please be sure to follow the format instructions carefully; failure to do so may result in rejection. Information in the abstract must not have been previously published in a copyrighted journal.

Abstract submissions must be received no later than midnight PT May 8, 2023. All submissions must be completed on the online abstract submission site which has detailed instructions:

- ONLINE ABSTRACT SUBMISSION SITE

You will receive an email confirmation upon submission. All correspondence will be made with the person who submits the abstract.

**Presentation Formats**

**Oral**

A number of 10-15 minute oral presentations will be slotted for each 60 minute session. Specific length for each presentation will be determined during the review process. Concurrent Panels of related presentations may be suggested but individual abstracts must be submitted and will be judged separately as well as together. At the top of the abstract text box list “Concurrent Panel” along with the last names of the suggested co-panelists so appropriate abstracts can be paired.

**Poster**

All posters will be physical and virtual. Freestanding horizontal boards will be provided for presenting in-person posters. Poster presentation surface area is 4’h x 8’w (120cm h x 240cm w). Virtual posters will consist of a visual poster .pdf file which shows your work. It should look like the typical physical poster. You may include a short audio file which will play over your poster.

**Roundtable**

Informal discussion of a single topic with up to 50 people. Roundtables will last 60 minutes. Only four will be scheduled.

Note: Presenters should indicate their preference for presentation. The Planning Committee will make the final decision on presentation format based on quality of abstract and the needs of the Symposium.

**Poster Award**

To encourage excellence in poster presentation, a Best Poster Award for the 2023 NBSS will be presented by the Planning Committee. Results will be announced during the Symposium.

A certificate will be awarded for first place. Posters will be judged equally on the following criteria:

1. Importance and Relevancy
2. Broad Interest of the Topic
3. Educational Value
4. Design and Layout

www.aphl.org/nbs2023
Selection Criteria and Guidance

1. Abstracts must accurately and briefly describe:
   a) the problem studied and/or objectives;
   b) methodology;
   c) significant results and findings (include quantitative and qualitative analyses when applicable)
   d) conclusions and/or implications and next steps

- Current Recommended Uniform Screening Panel (RUSP) Conditions in State NBS Panels (including point-of-care, improved testing methods or follow-up, reporting on secondary conditions)
- Conditions under Consideration for Addition to or Removal from State Panels (e.g., lysosomal disorders, secondary conditions)
- Adoption and Use of Second-tier Testing (when appropriate, intersection of newborn screening and diagnosis)
- Training/Education/Communication and Public/Community Engagement/Experiences in Newborn Screening (for providers, legislators, families and general public)
- Financial, Legal, Ethical, Policy and Social Implications (FLEPSI) (e.g., legislative processes, drug access and policies, storage and use of residual bloodspots, consent issues, artificial intelligence to link genotype and phenotype)
- Health Information Technology
- Molecular Technology: Methods and Utility (NextGen Sequencing)
- Quality Improvement, Quality Control and Quality Assurance Activities
- Screening of Special Populations (e.g., sick, low-birth weight, pre-term or older babies, out-of-hospital births, methods and tools)
- Short-term and long-term follow-up (engagement with specialists, methods and tools for short-term and long-term follow-up, late-onset conditions, etc.)
- Genetic Counseling (x-linked disorders, use of whole exome/genome in NBS, utilization of GCs in NBS programs)
- Case Studies (interesting/challenging cases)
- Emergency Preparedness & Contingency Planning
- Workforce Issues (staff development, morale, shortages, retention, succession planning, remote working)
- Data Analytics and Bioinformatics (how to improve the predictive power and risk assessment determinations in NBS, artificial intelligence for result interpretation)
- Emerging Therapies for Newly added and Current RUSP Condition
- Health Equity (access to treatment, therapies and genetic testing)
- System issues (Pre-analytical aspects, specimen stability during transportation, transportation timeliness benchmarks, specimen quality and specimen collection techniques)
- Screening for hemoglobinopathies (use of 1st tier capillary electrophoresis, HPLC, isoelectric focusing, use of 2nd tier biochemistry and/or molecular, confirmatory testing, interpretation of rare variants, reporting carrier results, process for handling transfusion)
- New methodologies (e.g., Multiplex proteomics)

Submissions of an educational and/or non-technical matter will also be considered.

2. Studies must be based on accepted scientific practices.
3. The body of work should not have been previously presented or intended for presentation at another scientific meeting. Papers should not appear in print prior to the 2023 NBSS.
4. Results should be summarized. Do not use tables or graphs in the abstract submission.

Registration

<table>
<thead>
<tr>
<th></th>
<th>In-person</th>
<th>Virtual</th>
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</thead>
<tbody>
<tr>
<td>Full conference (early)</td>
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<td>$550</td>
</tr>
<tr>
<td>Full conference (late)</td>
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<td>$550</td>
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<tr>
<td>One Day</td>
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Registration will open in July 2023 and is to be completed online. All registration fees are payable in US dollars.

Contact Information

Questions regarding abstract submission may be directed to:
Terry Reamer, Manager, Meetings
terry.reamer@aphl.org | 240.485.2776

www.aphl.org/nbs2023

NEW! Abstract Mentorship Program

As a joint symposium of the APHL and ISNS, we encourage abstract submissions from new and developing screening programs globally. New this year, we will be implementing an Abstract Mentorship Program for individuals and programs who have not previously presented at this Symposium or are new to scientific presentation in general and are unsure of how to proceed.

If you are interested in participating in this program, please contact dara.plath@aphl.org by March 31, 2023 with a brief description of the content you are hoping to share, and we can connect you with an appropriate mentor in the newborn screening community who can provide guidance and support in the development of an abstract for submission. All submitters must still submit their abstracts to the submission site by the deadline.