Objectives

<table>
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<th>Session 1</th>
<th>Session 2</th>
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<td>• Identify genetic predisposition and define interplay between genes and environment.</td>
<td>• Understand the stages of prenatal brain development and environmental risk factors during this period.</td>
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<th>Session 3</th>
<th>Session 4</th>
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| • Identify critical periods of the postnatal brain development and impact of early risk factors.  
• Define the concepts of adverse experiences and toxic stress in early development and their impact on brain development.  
• Utilize the understanding of brain development to build successful programs for children. | • Plan ways that child-care settings can partner with families to prevent the impact of the toxic stress on child development. |

<table>
<thead>
<tr>
<th>Know</th>
<th>Want to Know/Learn</th>
<th>Learned</th>
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Session 1

**Mn Department of Health website** – Diseases and Conditions Identified in Children


**Assignment for Session 2**: Practice your new knowledge from this session in your place of work between sessions. Write a few reminders between sessions about your work experiences and to be prepared to share what you practiced and learned at the beginning of the next session.
Session 2

Additional Information about Fetal Alcohol Syndrome Disorder

National Organization on Fetal Alcohol Syndrome  https://www.nofas.org/


Assignment for Session 3: Practice your new knowledge from this session in your place of work between sessions. Write a few reminders between sessions about your work experiences and to be prepared to share what you practiced and learned at the beginning of the next session.

Notes:

Session 3

Adverse Childhood Experiences Study (ACES) and prevalence and impact among MN’s children

Excellent summary information can be found at  http://www.health.state.mn.us/divs/cfh/program/ace/

Assignment for Session 3:

- Pick a child in their child care setting and observe what activities support language development in the brain.
- Think and list five more activities that will support brain development in this area.
- Use the Zero to Three website on brain development as a resource for your assignment.
  
  Zero to Three at  https://www.zerotothree.org/

Notes:

Session 4

Notes: