Overview
Promotion of optimal early brain and child development is essential for the health and well-being of children. This online learning module is designed to take about 35 minutes. Options for additional learning activities are provided to further your learning.

Educational Objectives
This module examines the role that adverse childhood experiences have on future health and well-being. The intent of this module is to:

- Provide an overview of the Adverse Childhood Experiences (ACE) study
- Examine the role that adverse childhood experiences have on later health and well-being
- Provide information on what you can do to help build a strong foundation during early childhood
Presentation:
- Introduction, background of person narrating presentation (2 minutes)
- Narrated slide presentation on Adverse Childhood Experiences (20 minutes)
- Guided questions to consider after viewing presentation (10 minutes)
- Evaluation, and Resources/Opportunities (5 minutes)

Materials:
- Case Study with answers to guided questions (15 minutes)
- Video clip(s) (3-5 minutes)
- Online evaluation (3 minutes)

Resources to further your learning:
- AAP Early Brain and Child Development Resource Library (includes additional presentations, policy statements, articles, handouts, and background information on EBCD) - available at www.aap.org/ebcd
- Centers for Disease Control and Prevention Adverse Childhood Experiences Study at www.cdc.gov/ace/
- Spokane Study on ACEs exposure in elementary aged children at
- The Alberta Family Wellness Initiative (Norlien Foundation) at http://www.albertafamilywellness.org
- Robert Woods Johnson Foundation work around ACE
Video clips (3 to 5 minutes)

- **InBrief: The Impact of Early Adversity of Childhood** (3:54 minutes)
  This video clip looks at research on the biology of stress which shows how major adversity can weaken the developing brain structure.

- **Science in Seconds: Epigentics** (Alberta Family Wellness Initiative) (3.44 minutes)
  This video clip looks at the complex interaction between experience and genetic predisposition and the creation of a child’s brain foundations.

For additional sources for videos related to ACE, visit the AAP Early Brain and Child Development resource library at [www.aap.org/ebcd](http://www.aap.org/ebcd).