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## Development of selective attention in preschool-age children from lower socioeconomic status backgrounds

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### Highlights

- We assessed selective attention in 4-year-olds from lower & higher SES backgrounds.
- Development of selective attention over one year was evaluated in the LSES group.
- At age four, only the HSES group showed enhanced neural responses with attention.
- The LSES group developed an effect of attention on neural processing by age five.
- The LSES group showed persistent attenuation in distractor suppression at age five.

### Abstract

Although differences in selective attention skills have been identified in children from lower compared to higher socioeconomic status (SES) backgrounds, little is known about these differences in early childhood, a time of rapid attention development. The current study evaluated the development of neural systems for selective attention in

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