

# **Prenatal Effects of Alcohol Use on Children and What Can Be Done to Help**

*Friday, August 22, 2008*

**Handout Materials**



**New York State  
Office of  
Children & Family  
Services**

New York State  
Office of Children and Family Services  
and  
Distance Learning Project

**PRENATAL EFFECTS OF ALCOHOL USE ON CHILDREN AND  
WHAT CAN BE DONE TO HELP**

**August 22, 2008**

**HANDOUT**

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“FASD:  
Identification of the  
Child at Risk”

Dr. Ira J. Chasnoff

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Fetal  
Alcohol  
Syndrome



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## Historical View

- Foolish, drunken, or harebrain women most often bring forth children like unto themselves

Aristotle in *Problemata*

- Behold, thou shalt conceive and bear a son: And now, drink no wine or strong drink.

Judges 13:7



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Rosett, 1984

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## Fetal Alcohol Syndrome

- Low birth weight
- Central nervous system effects
- Facial dysmorphism

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## Fetal Alcohol Syndrome: The Older Child

- Poor growth, weight gain
- Central nervous system effects
- Facial dysmorphism

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## Diagnostic Criteria

- I. Growth retardation
- II. Facial malformations (>1): short palpebral fissures, thin upper lip, flat elongated philtrum, hypoplastic midface
- III. Neurodevelopmental disorder

**FAS** Confirmed or unconfirmed history of prenatal alcohol exposure  
Meets criteria in all three categories: I, II, III

**ARND** Confirmed history of prenatal alcohol exposure  
Meets criteria in III

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NIAAA

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## FASD

### Fetal Alcohol Spectrum Disorders

“an umbrella term describing the range of effects that can occur in an individual whose mother drank during pregnancy. These effects may include physical, mental, behavioral, and/or learning disabilities with possible lifelong implications.”

*Bertrand et al, 2004*

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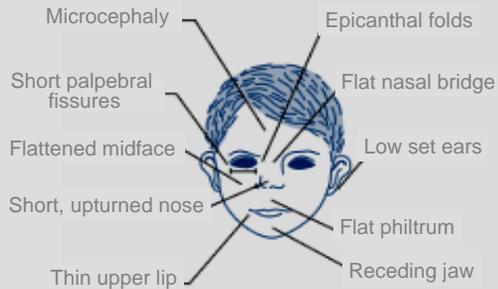
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### Facies in Fetal Alcohol Syndrome



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## Risk Factors

- Dose of alcohol

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## Alcohol Dose

- 1 drink / week  
*Hyperactive and aggressive behaviors*
- Moderate to heavy use  
*Delinquent behavior and overall problem behavior*
- Any alcohol use in pregnancy  
↑ 3.2 x risk for delinquent behavior

Copyright: NTI Upstream 2008 Sood et al, 2001

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## Risk Factors

- Dose of alcohol
- Pattern of exposure - binge vs. chronic
- Developmental timing of exposure
- Genetic variation
- Maternal characteristics
- Interaction with nutritional variables
- Synergistic reactions with other drugs

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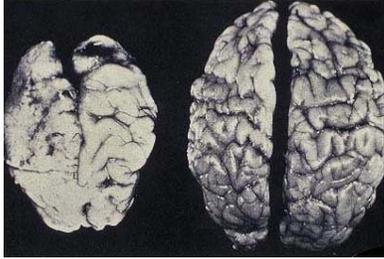
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## Brain Damage from Prenatal Alcohol Exposure



Copyright: NTI Upstream 2008 photo: Clarren, 1986

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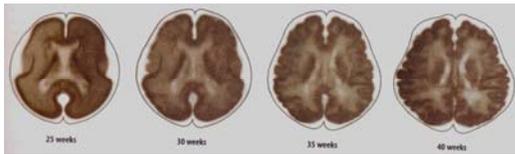
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## Information Processing Deficit Model

Four domains of information processing

- Input (recording information)
- Integration (interpreting input)
- Memory (storing input for later use)
- Output (appropriate use of language and motor skills)

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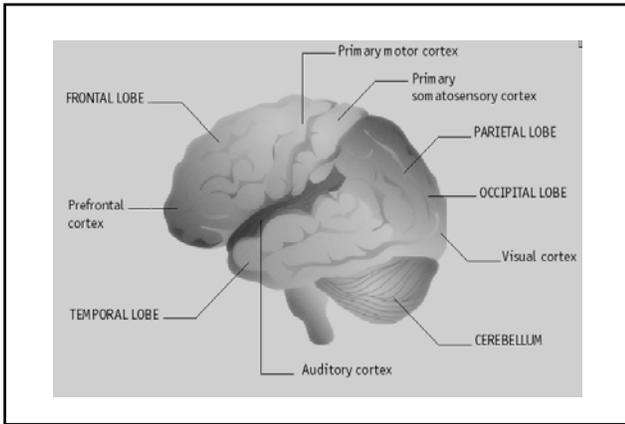
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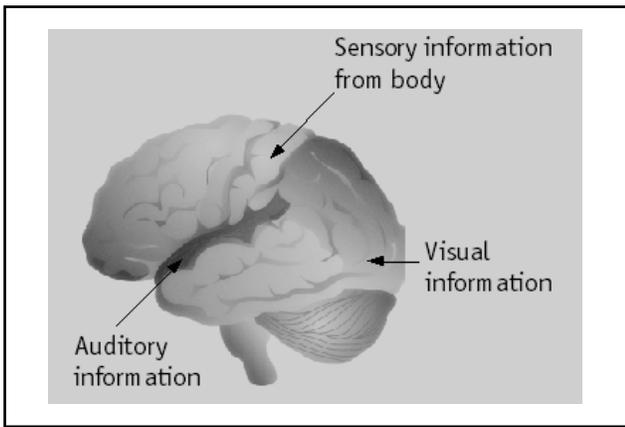
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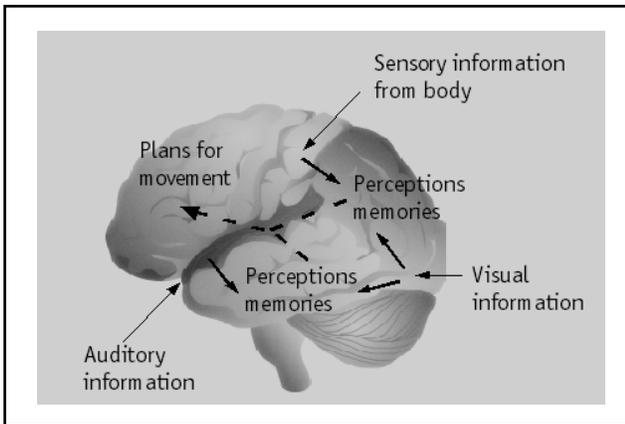
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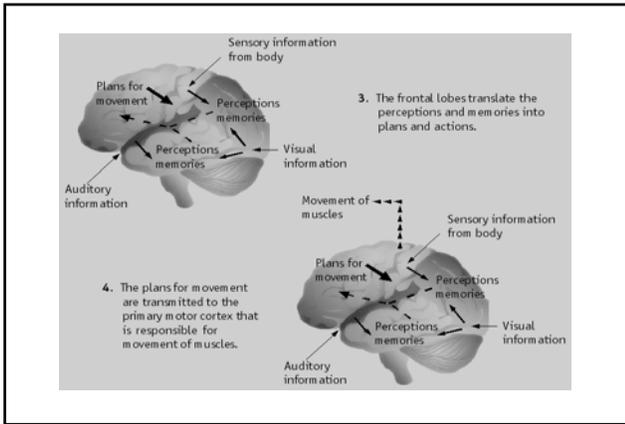
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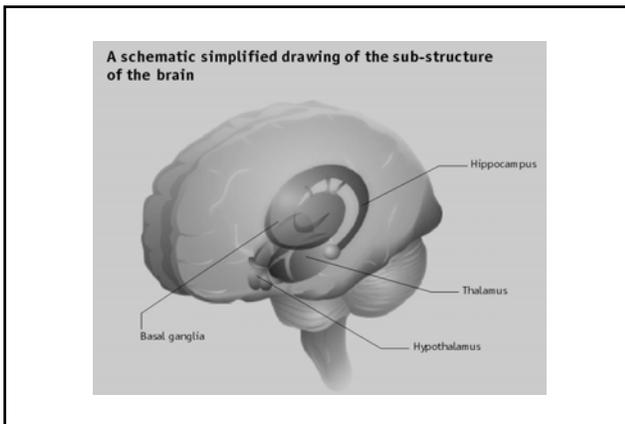
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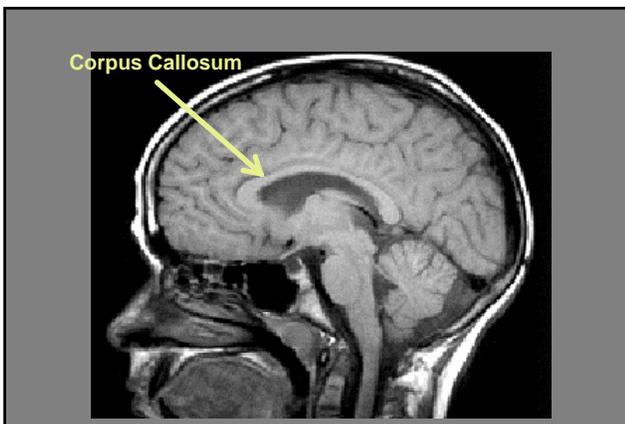
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## Problems in Behavioral Regulation: The Older Child

- Lack of behavioral inhibition
- Poor attention to tasks
- Impulsive behavior
- Distractibility
- Over activity
- Poor modulation of affect
- Poor executive functioning

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## Executive Function

Intelligence required to carry out  
adaptive, goal-directed behavior

**VS.**

Intelligence as measured by IQ tests

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## Putting it all together in the community: The SMART Model of Care

The SMART Model of Care is a linked  
system of health and behavioral health  
care for high-risk children in a  
community, anchored by integrated  
screening, assessment, referral, and  
treatment capabilities.

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## Key Elements of the Model

Screening	Who is at risk?
Decision-Making	What kind of risk?
Assessment	What is needed?
Referral	How to assure access?
Treatment	How to provide child-centered, family-focused care?

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## The SMART Model




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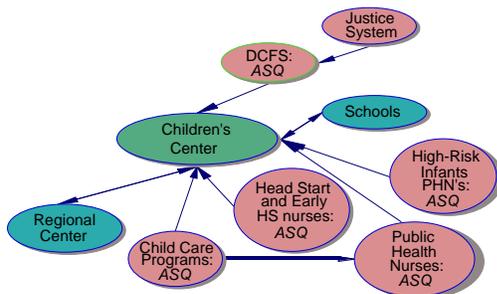
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## The SMART Model




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[ntiupstream.com](http://ntiupstream.com)

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**FASD National Resources:**  
**Web Links**

- SAMHSA FASD Center for Excellence:  
[www.fascenter.samhsa.gov](http://www.fascenter.samhsa.gov)
- Centers for Disease Control and Prevention FAS Prevention Team:  
[www.cdc.gov/ncbddd/fas](http://www.cdc.gov/ncbddd/fas)
- National Institute on Alcohol Abuse and Alcoholism (NIAAA): [www.niaaa.nih.gov](http://www.niaaa.nih.gov)
- National Organization on Fetal Alcohol Syndrome (NOFAS): [www.nofas.org](http://www.nofas.org)

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**Examples of FREE Resources**

- OASAS FASD Compendium of Resources
- OASAS on-line training (“Treating the Addicted Pregnant Woman”)
- CDC posters and prevention brochures
- CDC Diagnostic Guidelines
- Power point slides/presentations
- “Rack cards”
- “Recovering Hope” video – DVD & VHS  
[www.ncadi.samhsa.gov](http://www.ncadi.samhsa.gov)

Some materials are available in Spanish

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**Other Web Resources**

OASAS – FREE Addiction Medicine educational series:  
[www.oasas.state.ny.us/admed/edseries.cfm](http://www.oasas.state.ny.us/admed/edseries.cfm)

Information on screening tools for women (NIAAA):  
[http://pubs.niaaa.nih.gov/publications/Practitioner/CliniciansGuide2005/clinicians\\_guide.htm](http://pubs.niaaa.nih.gov/publications/Practitioner/CliniciansGuide2005/clinicians_guide.htm)

<http://pubs.niaaa.nih.gov/publications/arh25-3/204-209.htm>

ACOG Tool Kit: Drinking and Reproductive Health Tool Kit:  
[http://www.acog.org/from\\_home/misc/dept\\_pubs.cfm](http://www.acog.org/from_home/misc/dept_pubs.cfm)

NIAAA Resource: Helping Patients Who Drink Too Much:  
[http://pubs.niaaa.nih.gov/publications/Practitioner/CliniciansGuide2005/clinicians\\_guide.htm](http://pubs.niaaa.nih.gov/publications/Practitioner/CliniciansGuide2005/clinicians_guide.htm)

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**FASD – Regional NOFAS Affiliates in NYS**

- DePaul's NCADD-Ra  
1931 Buffalo Avenue  
Rochester, NY 14624  
(585) 719-3480  
Fax (585) 423-1908  
[jfaringer@depaul.org](mailto:jfaringer@depaul.org) or [www.nydas.org](http://www.nydas.org)
- Fetal Alcohol Syndrome Support Network  
of NYC and Long Island (FASSN)  
33-33 164 Street  
Flushing, New York 11358  
FAS Info. Line for NYC/Long Island: 718-279-1173  
Email: [www.fassn.org](http://www.fassn.org) or [fassn\\_2@yahoo.com](mailto:fassn_2@yahoo.com)

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**FASD – New York State Resources**

FASD Web Pages:  
NYS Office of Alcoholism & Substance Abuse  
Services (NYS OASAS):  
[www.oasas.state.ny.us/fasd](http://www.oasas.state.ny.us/fasd)

Margo B. Singer  
FASD State Coordinator  
518 - 457 - 4384  
[margosinger@oasas.state.ny.us](mailto:margosinger@oasas.state.ny.us)

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**OASAS Field Offices - NYC**

Bronx (646) 728-4544	Brooklyn (646) 728-4549
Upper Manhattan (646) 728-4566	Queens/Staten Island (646) 728-4592
Lower Manhattan (646) 728-4561	Long Island c/o NYS OASAS Field Office (631) 434-7263

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**OASAS Field Offices- Upstate**

**Western** – Allegany, Cattaraugus, Chautauqua, Erie, Genesee,  
Niagara, Orleans, Wyoming

**(716) 885-0701**

**Finger Lakes** – Broome, Chemung, Livingston, Monroe, Ontario,  
Schuyler, Seneca, Steuben, Tioga, Tompkins, Wayne, Yates

**(585) 454-4320**

**Central** – Cayuga, Chenango, Cortland, Delaware, Herkimer,  
Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego,  
Otsego, St. Lawrence

**(315) 428-4113**

**Northeastern** – Albany, Clinton, Columbia, Essex, Franklin,  
Fulton, Greene, Hamilton, Montgomery, Rensselaer,  
Saratoga, Schoenectady, Schoharie, Warren, Washington

**(518) 485-1660**

**Mid-Hudson** – Dutchess, Orange, Putnam, Rockland, Sullivan,  
Ulster, Westchester

**(518) 485-1484**

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### Additional Internet Resources

CDC's National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Fetal Alcohol Spectrum Disorders Fact Sheet

<http://www.cdc.gov/ncbddd/factsheets/FAS.pdf>

National Organization on Fetal Alcohol Syndrome

Fact Sheets

<http://www.nofas.org/resource/factsheet.aspx>

National Organization on Fetal Alcohol Syndrome

Information for expectant mothers and families

<http://www.nofas.org/family/facts.aspx>

New York State Fetal Alcohol Spectrum Disorders Resources

<http://www.oasas.state.ny.us/fasd/nysresources.cfm>

SAMHSA Fetal Alcohol Spectrum Disorders (FASD) Center for Excellence Web Site

Fact Sheets and Brochures

<http://www.fasdcenter.samhsa.gov/grabGo/factSheets.cfm?&print=y>

SAMHSA Fetal Alcohol Spectrum Disorders (FASD) Center for Excellence Web Site

Education and Training

<http://www.fasdcenter.samhsa.gov/educationTraining/fasdBasics.cfm>

For information on SAMHSA's video: *Recovering Hope: Mothers Speak Out About Fetal Alcohol Spectrum Disorders*:

<http://www.fasdcenter.samhsa.gov/Announcements/index.cfm?ID=3>

# SAVE THE DATE

## “Bringing Communities Together”

The Second Annual Fetal Alcohol Spectrum  
Disorders (FASD) Conference

November 21, 2008

8:30am - 3:00pm

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The York College  
Performing Arts Center  
94-45 Guy R. Brewer Blvd. Queens, NY  
(Parking next to Arts Center)

Sponsored by:

The Fetal Alcohol Syndrome Support Network of New York City  
and Long Island (FASSN)

Co-Sponsors:

New York State Office of Alcoholism and Substance Abuse Services (OASAS)  
York College City University of New York (CUNY) Health Services Center

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The use of alcohol during pregnancy does not respect ethnicity or race,  
and will not stop with a zip code. Alcohol use during pregnancy is a  
common problem among all Americans. Come learn what you  
can do to prevent FASD and reduce secondary disabilities.

Visit our web site at [www.fassn.org](http://www.fassn.org) for more information

**Future Training Needs Related to Fetal Alcohol Spectrum Disorders  
Survey**

**Follow-up to FASD Video Satellite Conference with Dr. Ira Chasnoff on 8/22/08**

Name (optional)

Employment Location

Job Title

- Caseworker – Local District Social Services
- Supervisor – Local District Social Services
- Caseworker – Private/Voluntary Agency
- Supervisor – Private/Voluntary Agency
- OCFS – DJJOY Youth Aide
- OCFS – DJJOY Youth Counselor
- OCFS – DJJOY Teacher
- OCFS – DJJOY Other Facility Staff

List Title

- OCFS – DJJOY Home Office Staff
- OCFS – DCWCS Regional Office Staff
- OCFS – Other Regional Office Staff
- OCFS – DCWCS Home Office Staff
- OCFS – Other Home Office Staff
- Other

List Title

What would you like to learn more about? Check all that apply.

- How to discuss FASD with families
- How to discuss preventing alcohol-exposed pregnancies with woman of childbearing age and their partners
- How to educate the public about the effects of alcohol on a fetus
- What to do if I suspect/know a pregnant woman on my caseload is drinking
- What to do if a pregnant woman on my caseload continues to drink during pregnancy
- What to do if a woman on my caseload is drinking and not using contraception
- What to do if I suspect/know a child on my caseload has an FASD
- How to work with children in the juvenile justice system that may have an FASD
- How to educate teenagers about the effects of alcohol on a fetus
- Resources in NYS for support, assessment and treatment
- Where to get publications about FASD
- Where to get more training about FASD

If you checked something from the list above; what is the most pertinent for you?

Would you like to see a role play of a caseworker discussing alcohol, pregnancy and FASD with a client?  Yes  
 No

Would you like to learn more about Motivational Interviewing as it relates to conversations about alcohol-exposed pregnancies and FASD?  Yes  
 No

List other things you would like to see as a follow-up to the 8/22 FASD Video Satellite Conference:

Please complete and send to Tina Williams at [Tina.Williams@ocfs.state.ny.us](mailto:Tina.Williams@ocfs.state.ny.us) or mail to NYS Office of Children and Family Services, 52 Washington St., Room 331 North, Rensselaer, NY 12144.

Thank you

