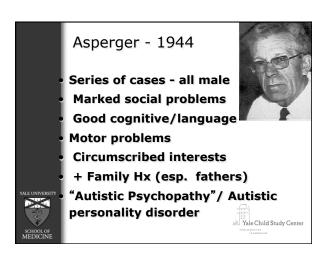
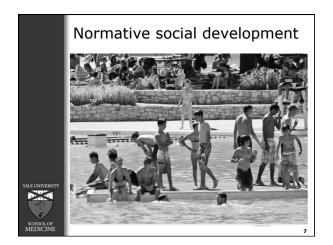
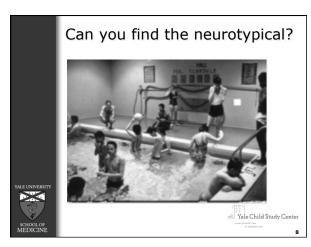


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## Implications:

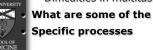
### If you have a social 'frame'

- You first and foremost are a 'people person'
- You take your lead from looking at others
  - What are they looking at, what are they feeling (face), how are they responding, how should you respond?
  - You become very good at 'multi-tasking' ie organization skills are good since you must integrated visual, auditory (verbal and nonverbal vocal) input given context, people involved etc. etc.
  - As a result by the time you are a year or so of age you are very adapt in the social game and 'playing' in it constantly



## If you DON'T have the social frame – everything matters!

- Interest in nonsocial world
- Failure in social orientation
  - Meaning sought thru environment
  - Consistency and stability and
  - Contingency!
  - Sensory responsiveness
  - Gestalt learning style
  - Difficulties in multitasking





## Changes in understanding I

#### • 1950's to 1970's

- Parents blamed, psychotherapy used
- 1970's
  - Strong BRAIN connection
  - Strong GENETIC connection
  - Structured teaching better than unstructured psychotherapy
  - First schools/programs started

## • PL 94-142 passed

- Children had right to free and rale Child Study Cente appropriate education



### Changes in understanding II

#### • 1980

- Official recognition, research increased,
- Model treatment program

#### • 19909

- Research & programs increased
- Explosion of research
  - Practice guidelines
  - Focus on evidence based treatments with 2001 National Research Council Report

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## Changes in understanding III

- 2000 to present (cont'd)
  - More active advocacy
  - Parent support groups, foundations
  - Increased public awareness
- Increasing body of work on evidence based interventions
- Some integration of research into practice (several practice guidelines)
- **Emphasis on screening** 
  - But tendency to overlook research in older children, adolescents, and adults

**Autism Interventions** 

- Intervention 1950-1980
  - psychodynamic models AKA blame the parents
  - Only a minority (maybe 20%) of children went to school, most 'written off'
- PL 94-142 (1975)
  - Mandate for school as a right
  - Beginning of a shift in treatment
- · Importance of planned, intensive intervention to cope with social difficulties→





## **Model Programs**

- Background
- NRC report
  - Structured intensive intervention
  - Commonalities (and differences) in programs
  - NOT every child gets better
  - As a group improved/improving outcomes
  - Early intervention

#### Some interesting issues

- University based/affiliated
- Intensive
  - · Average about 25 hours a week



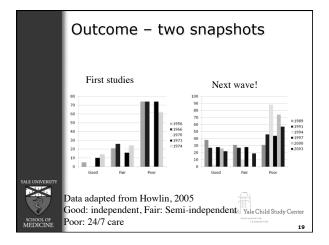
## Model programs

- · ABA based on learning research
  - Many papers (case studies)
- Develop[mental Models
  - Rogers Denver/Early Start model
  - Greenspan Floor time
- Pivotal Response -
  - Koegel hybrid methods
- Eclectic models
  - TEACCH
- Many similarities and some differences











## Sources of Legal involvement

- · Victim, occasionally criminal, witness
- Risks
  - Socially vulnerable/suggestive
  - Can be overly focused/rigid with RULES!
    - Paradoxically you have to make exceptions all the time!
  - Minor problem→ trouble
    - Over talking, inappropriate behavior, preoccupations, curiosity
    - Desire for relationships



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## School entitlements & accommodations

- For children IDEA
  - <3 years birth to 3
  - >3 free and appropriate education
  - Connecticut has a wide range of resources
    - Public schools, special schools
    - Tremendous Variability!
- · For adolescents and adults
  - Transition planning in high school
  - With adulthood a new law applies ADA

FROM GENERATION TO GENERATION

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## Legal system involvement

- Note limitations of literature
  - Mostly relies on case reports
  - Some evidence for 7 X increase risk
    - What leads to problems
      - Rigidities, sensitivities, unusual interests combined with social processing problems
      - Often limited awareness of police and emergency personnel
      - Students can also be victims of crimes
      - Overtrusting and want engagement→

easily misled and tricked

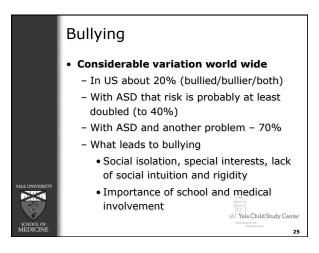


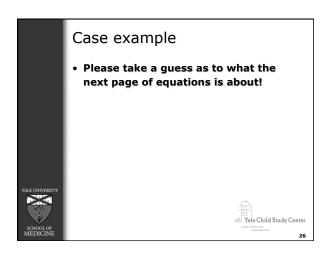


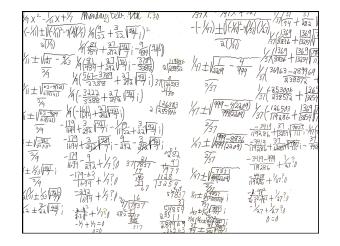
## Other legal issues

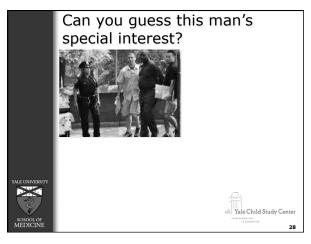
- Transitions in the law in US (school→ post secondary) (IDEA → ADA)
- · Health insurance issues
- · Issues in terms of who is responsible
  - Variations between states
  - Importance of planning
  - Common mistakes/missteps
    - $\bullet \ Assumptions \ about \ guardian ship$
    - Assumptions about role of siblings
    - Simply giving \$ may not be so simple!

SHERRITOR

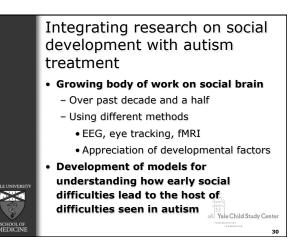




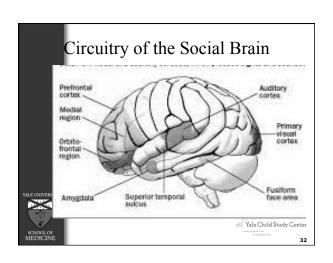


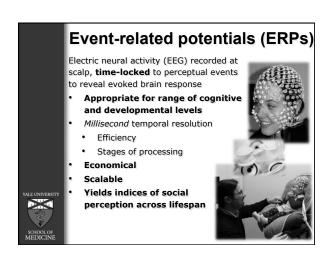


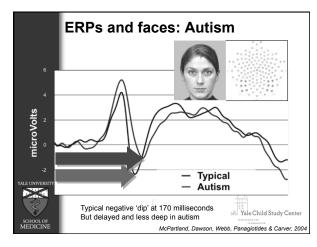


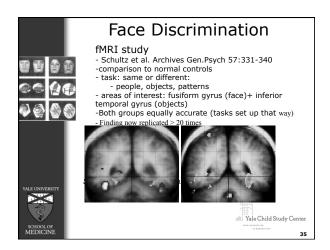


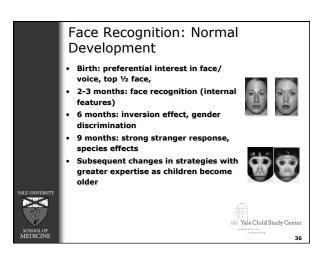












## Face Recognition in Autism

- Large literature on different approaches used by individuals with autism
  - Do not do well on normed facial recognition tasks
  - Do as well recognizing inverted faces as correctly oriented ones
  - Rely less on salient features of face for recognition (e.g., may focus on other characteristics)
- · Limitations: use of still faces





### If you have a social 'frame'

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  - As a results by the time you are a year or so of age you are very adapt in the social work and 'playing' in it constantly



## Put another way!

- If you come into the world (like most of us) with a social 'frame' to view it many things happen!
  - People are the center!
  - Joint attention
  - Affective development
  - Desire to communicate
  - People become THE most important things in the world (starting with parents)!





# If you DON'T have the social frame – everything matters!

- Interest in nonsocial world
- Failure in social orientation
  - Meaning sought thru environment
    - Consistency, stability and contingency!
  - Gestalt learning style
  - Difficulties in multitasking
  - Lack joint attention
  - Limited incidental learning
  - Persisting odd sounds





