





# Jan Hanscom

- 4-H leader for 16 years
- Garden with youth since 1989
- Denali Elementary School garden
- Lead educational opportunities  
at the GBG




# Youth Gardening

- History
- Why should we garden with youth
- Some examples of good programs
- Curriculum
- Examples in Fairbanks
  - Elementary Schools
  - Secondary Schools
  - Georgeson Botanical Garden
  - Private Sector
- Job potentials and problems
- Funding

# History of Gardening with Youth





# Why Garden with Youth?

- Provide Exercise
- Nutrition education
- Develop work ethic
- Connect to the natural environment
- Develop feeling of responsibility
- Have pride in accomplishments
- Increase feelings of self worth
- 'Learn by doing and then teach another'  
retention rate of material- 90%

Gardens can be :  
places where kids garden or  
places for kids to be in a garden





# Youth Training programs

- The Green Corps - Detroit
- Hope LA Horticulture Corps
- Youth Conservation Corp





# Brooklyn Botanical Garden- 90 years



Kids still  
garden in  
Brooklyn.



# Michigan 4-H Children's Garden



# Abandoned lots become gardens.



New York City has 600  
community gardens.



# A garden in every school in California



Gardens can take on many shapes and sizes.





# Curriculum

- LifeLab
- GrowLab
- 4-H- Junior Master Gardeners
- FFA





# Denali Elementary School

- Students are city kids
- Students have low academic achievement
- Student body has high turnover rate
- School grounds were flat and devoid of vegetation

# Denali Elementary





# Denali Elementary School

- Eisenhower funds
- Chapter II
- Innovative Science Education Grant
- Next Century Schools Grant
- Denali PTA
- Sold garden produce

# 4-H




- Smith-Lever Act, USDA program
- A community of young people across America who are learning leadership, citizenship, and life skills

# High School Programs



- FFA- Department of Education, Perkins Act
- Lathrop

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- University of Alaska Fairbanks
    - Agricultural and Forestry Experiment Station
  - Georgeson Botanical Garden



# GBG funding sources

- Hatch Act
- McIntyre- Stennis Act
- Matching State of Alaska funds
- Special appropriations
- Donations

Boy scouts working on an eagle scout project. They are building a willow tunnel.





# Girl Scouts plant trees for the maze.



# School-to-work and elementary school field trips



# Youth Employment Training Program



# Resource Apprenticeship Program



# Junior Master Gardeners



# Alaska Statewide High School Science Symposium



University student interns  
work in the summer.



# 4-H teens volunteer to lead educational activities for younger kids





Youth often volunteer as part an organization, like the Rotary foreign exchange program.



Adult volunteers take on many roles. They collect data, teach classes, and do manual labor.



Some volunteers return year after year.



# Calypso Farm and Ecology Center





# Jobs in Horticulture

- Public sector
- Private sector




# Hort Therapy

- Need certification
- Physically handicapped
- Mentally handicapped
- Mental illness
- Senior programs



# Ways to get training

- Youth- school, FFA, 4-H, local nurseries, parents
- Adults in horticulture- Master Gardeners, community colleges, local nurseries
- Adults in using horticulture with youth- AHS symposium, curriculum training, dive in and learn



# Ways to pay for your program

- Partnerships
- Grants
- Sell produce
- Education fund
- Work program funds
- Tailor your program to get money



