

#### 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

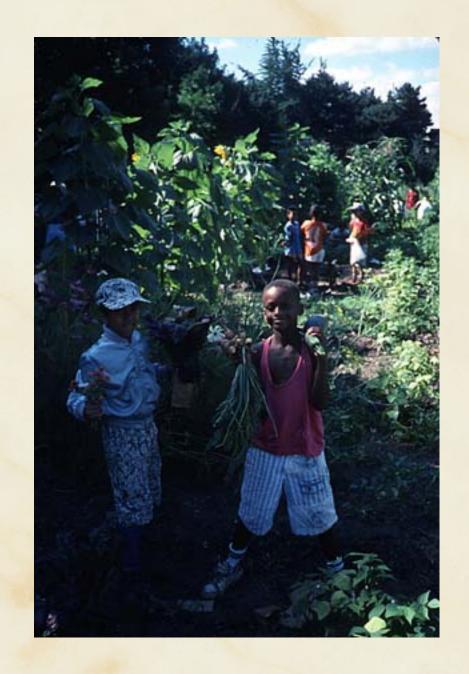
- The Green Corps Detroit
- Hope LA Horticulture Corps
- Youth Conservation Corp



#### 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.

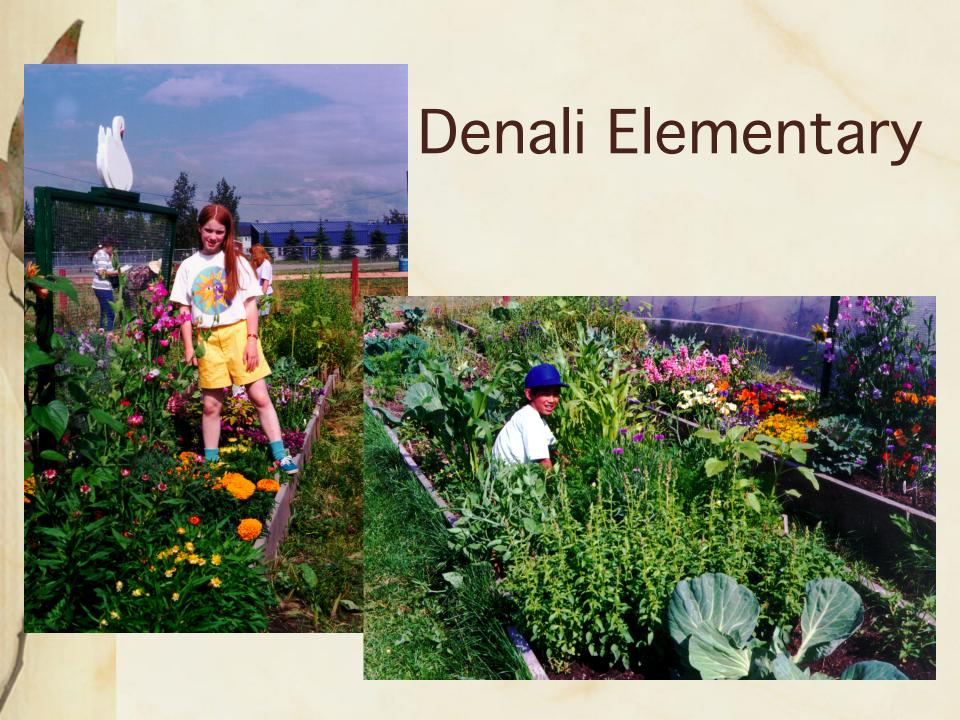


#### Curriculum

- LifeLab
- GrowLab
- 4-H- Junior MasterGardeners
- 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





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





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

## High School Programs



- PFFA- Department of Education, Perkins Act
- Lathrop



University of Alaska Fairbanks

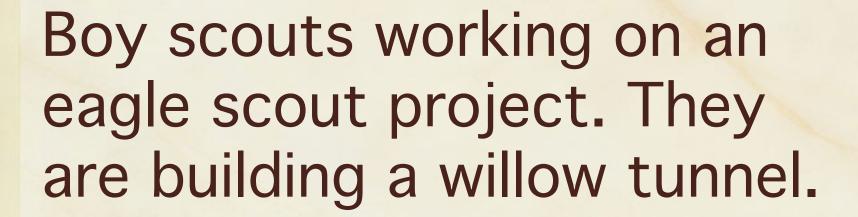
 Agricultural and Forestry Experiment Station

Georgeson Botanical Garden



#### GBG funding sources

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





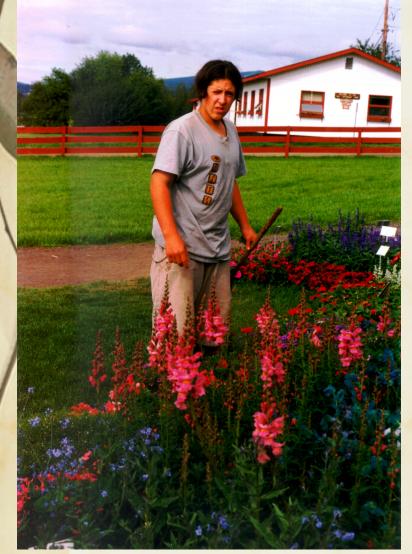
## Girl Scouts plant trees for the maze.



# School-to-work and elementary school field trips



## Youth Employment Training Program





Resource Apprenticeship Program



#### Junior Master Gardeners





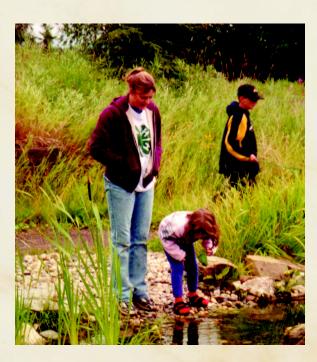


School Science Symposium

## University student interns work in the summer.









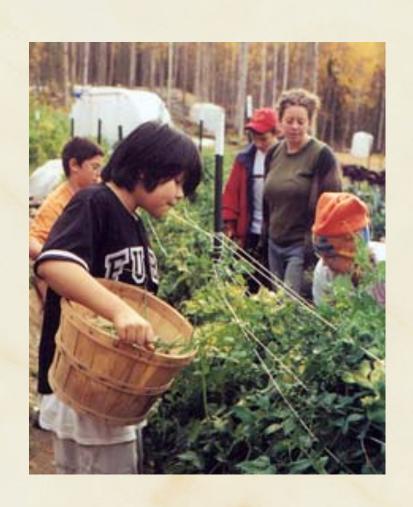
Adult volunteers take on many roles. They collect data, teach classes, and do manual labor.



### 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

