Introduction to Nurse-Family Partnership: *NFP 101*

Sonoma County Department of Health Services
Maternal, Child & Adolescent Health Program
Sonoma County Nurse-Family Partnership Program
Working Together to Ensure Healthier Families

Nurse-Family Partnership Overview
Nurse-Family Partnership is...

- An evidence-based, community health program with >30 years experience.

- Provides regular home visits by a Public Health Nurse to low-income, first-time mothers beginning during pregnancy and continuing until her child turns 2 years old.

- Promotes family health, child development and economic self-sufficiency.

The RAND Corporation found a net benefit to society equating to a $5.70 return per dollar invested in the Nurse-Family Partnership.
Overview

- 48% reduction in child abuse and neglect
- 56% reduction in emergency room visits for accidents and poisonings
- 59% reduction in arrest of children at age 15
- 67% reduction in behavioral and intellectual problems in children at age six
- 72% fewer convictions of mothers when children are at age 15
Dr. Olds’ research & development of NFP continues today...

1977
Elmira, NY
Participants: 400
Population: Low-income whites
Studied: Semi-rural area

1988
Memphis, TN
Participants: 1,139
Population: Low-income blacks
Studied: Urban area

1994
Denver, CO
Participants: 735
Population: Large portion of Hispanics
Studied: Nurse and paraprofessionals
Human Brain Development

Synapse formation dependent on early experiences

30-Month Period—Area of Focus

Conception

Birth

- Sensory Pathways (vision, hearing)
- Language
- Higher Cognitive Function

Shonkoff, J. & Phillips, D. (Eds.)

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Academic Achievement
Grades 1–3, Age 9—Memphis
(Born to low-resource mothers)

Preschool Language Scale
Age 4—Denver
(Born to low-resource mothers)

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Days Hospitalized for Injuries
Birth to age 2—Memphis

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Months Between Births
Between first and second child
(by first child’s fifth birthday)—Memphis

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Months Receiving Welfare Assistance (AFDC)
Birth through age 5—Memphis

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Months Receiving Food Stamps
Birth through age 5—Memphis

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Monetary Benefits to Society

• Nurse-Family Partnership returns more than $18,000 over and above program costs for each family enrolled (Washington State Institute of Public Policy 2008)

• Savings accrue to government from decreased spending on:
  - health care
  - child protection
  - education
  - criminal justice
  - mental health
  - public assistance

• Analysis in California shows that by a child’s 5th birthday savings to the State of California were $5,113 and $4,991 to the Federal government for those families enrolled. (Pacific Institute for Research & Evaluation -PIRE, February 2011)
Monetary Benefits to Society

- Lower-risk families: $7,271
- Higher-risk families: $7,271

Net present value dollars per child 2003

- Increased participant income (net of welfare loss): $9,151
- Reduction in tangible crime losses: $41,419
- Savings to government
- Cost

Source: 2005 RAND Corporation Study
**Initial Funding Plan**

- **First 5 Sonoma County**: $5.2 million over 5 years  
  $2.6 million awarded to DHS for three years
- **PacifiCare/United Healthcare Foundation**:  
  $100,000 + match for 2010 planning and start up
- **Targeted Case Management**: ~$1.2 million  
  Federal funding drawn down by program over three years

**Federal Healthcare Reform Legislation**

July 2011 California will select 25-35 “High Risk Communities” to fund serving 100 families each.
Implementation of NFP in Sonoma County

Total Births = 5383
First Births = 2183
Medi-Cal funded = 45% = ~1,000
Source: CDPH 2010

# likely to enroll = 25%
Current funding plans will allow for an active caseload of up to 200 women by Year 4
For more information and to find the date of the next meeting, visit:

www.sonoma-county.org/health/ph/homevisiting/nfp_council.htm