

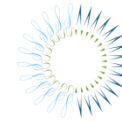
THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

*The Pew-MacArthur Results First Initiative:*  
**INVESTING IN PROGRAMS THAT WORK**

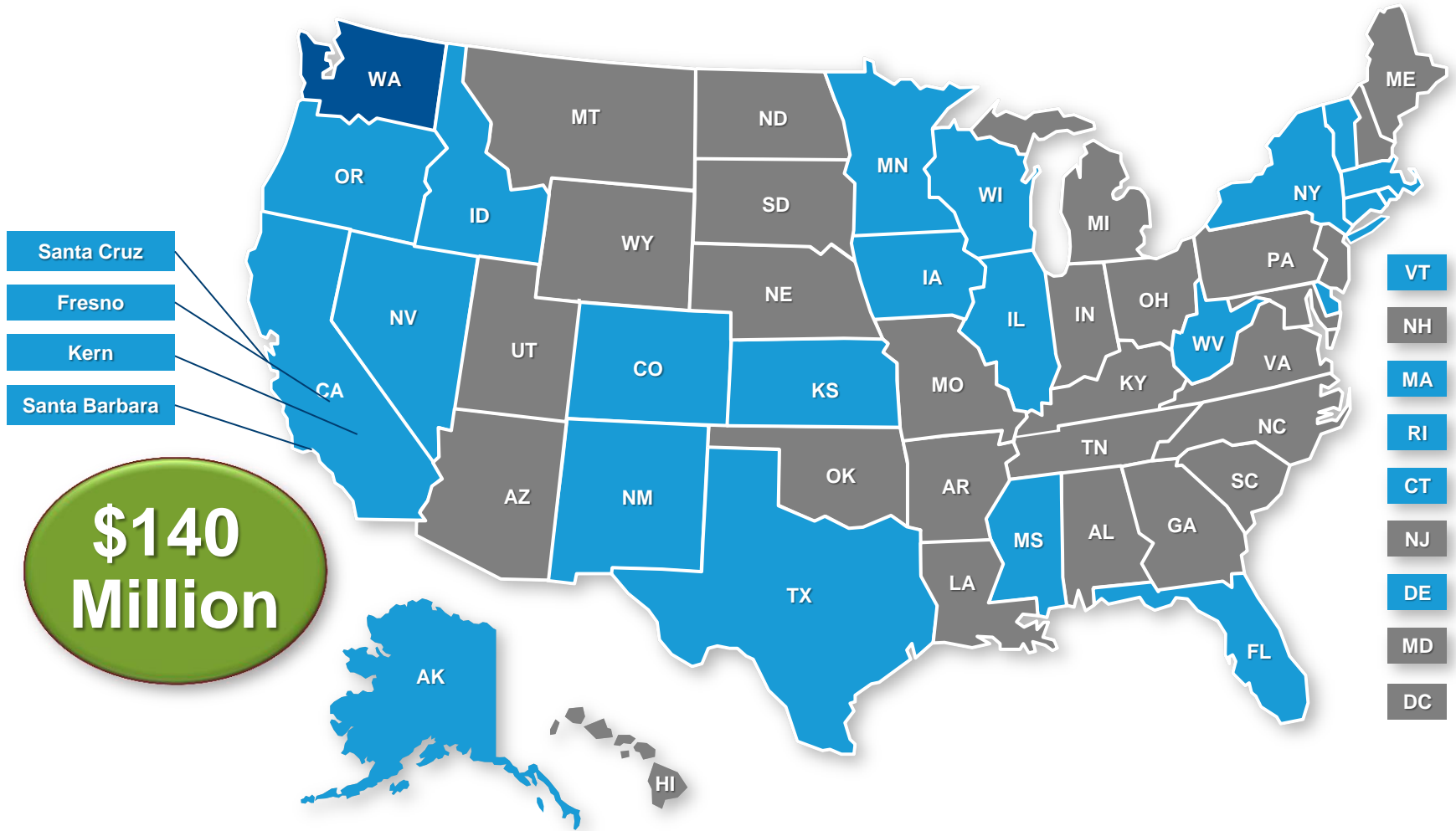
Wednesday, July 20, 2016

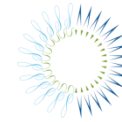
# Participation in Results First



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation





THE  
**PEW**  
CHARITABLE TRUSTS

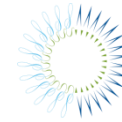
MacArthur  
Foundation

# The Policy Challenge

- Budget development often relies on inertia and anecdote
- Limited data on:
  - What programs are funded
  - What each costs
  - What programs accomplish
  - How they compare

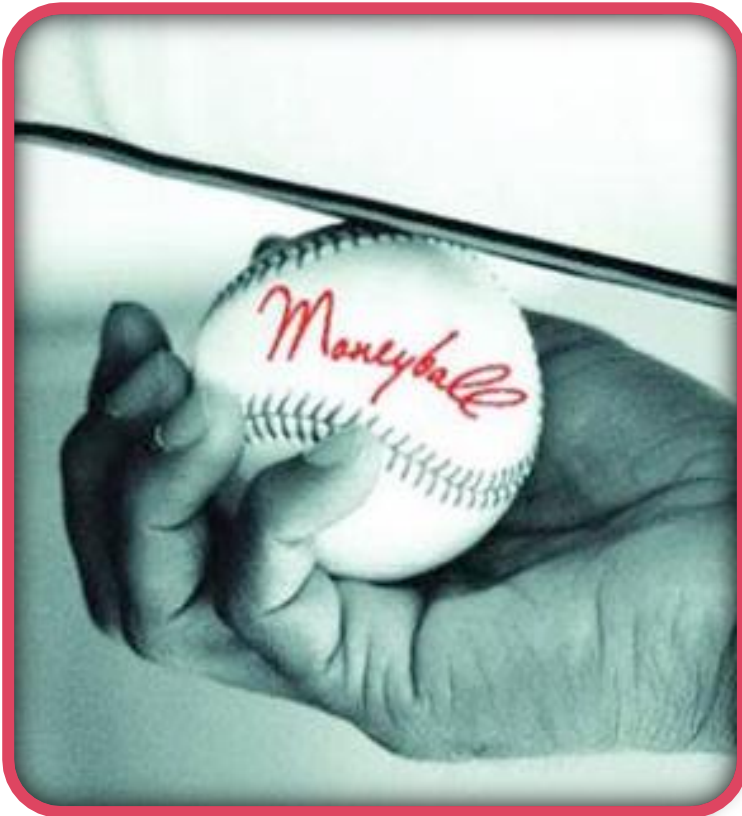


# The Solution: Bring Evidence into the Process



THE  
**PEW**  
CHARITABLE TRUSTS

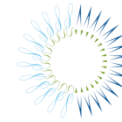
MacArthur  
Foundation



- **IDENTIFY** program budget portfolio and what you know about each program
- **CONSIDER** whether benefits justify costs
- **TARGET** funds using rigorous evidence

**ACHIEVE** dramatic improvements *without* increased spending

# The Results First Approach

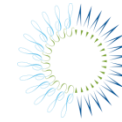


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

Compare current programs  
to evidence



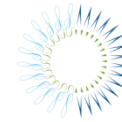


# Inventory Programs

| PROGRAM INFORMATION     | BUDGET         |                     |
|-------------------------|----------------|---------------------|
| PROGRAM NAME            | PROGRAM BUDGET | % OF PROGRAM BUDGET |
| Correctional industries | \$125,000      | 6%                  |
| Correctional education  | \$50,000       | 3%                  |
| Vocational education    | \$300,000      | 15%                 |
| Drug courts             | \$250,000      | 13%                 |
| Adult boot camps        | \$180,000      | 9%                  |
| Veterans courts         | \$100,000      | 5%                  |
| All others              | \$950,000      | 49%                 |

*Note: Data created by author for illustrative purposes only and are not intended to reflect any actual program budget.*

# Compare Inventory to Database of Evidence-Based Programs



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

| Policy area            | Intervention                                  | Blueprints  | CEBC | Coalition | Crime Solutions   | NREPP | PPN | WWC | WWR |
|------------------------|---|---|------|-----------|---|-------|-----|-----|-----|
| Substance abuse        | Active Parenting of Teens: Families in Action |   | ●    |           | ●   | ●     |     |     |     |
| Substance abuse        | Adolescent Community Reinforcement Approach   |   | ●    |           | ●   | ●     |     |     |     |
| Juvenile justice       | Adolescent Diversion Program (NY)             |   |      |           | ●   |       |     |     |     |
| Juvenile justice       | Adolescent Diversion Project                  |   |      |           | ●   |       |     |     |     |
| Child welfare          | Adolescent Parenting Program                  | Clearinghouse:<br>Intervention:<br>Evidence Rating: |      |           | CrimeSolutions.gov<br>Adult boot camps<br>No effects practice |       |     |     |     |
| Mental health          | Adolescents Coping with Depression            |   |      |           |   |       |     |     |     |
| Adult criminal justice | Adult boot camps                              |   |      |           | ●   |       |     |     |     |
| Adult criminal justice | Adult drug court (Guam)                       |   |      |           | ●   |       |     |     |     |
| Adult criminal justice | Adult drug courts                             |   |      |           | ●   |       |     |     |     |
| Adult criminal justice | Adult drug courts (OR)                        |   |      |           | ●   |       |     |     |     |
| Adult criminal justice | Adult mental health courts                    |   |      |           | ●   |       |     |     |     |

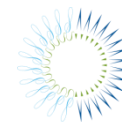
Clearinghouse:  
Intervention:  
Evidence Rating:

CrimeSolutions.gov  
Adult boot camps  
No effects practice

[Learn more](#) | ➔



# Assess Level of Funding for Evidence-Based Programs



THE  
**PEW**  
CHARITABLE TRUSTS

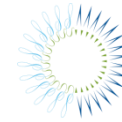
MacArthur  
Foundation

| PROGRAM INFORMATION     | BUDGET         |                     | EVIDENCE-BASED         |       |
|-------------------------|----------------|---------------------|------------------------|-------|
| PROGRAM NAME            | PROGRAM BUDGET | % OF PROGRAM BUDGET | RATINGS                |       |
| Correctional industries | \$125,000      | 6%                  | Highest rated          | } 9%  |
| Correctional education  | \$50,000       | 3%                  | Highest rated          |       |
| Vocational education    | \$300,000      | 15%                 | Second-highest rated   | } 28% |
| Drug courts             | \$250,000      | 13%                 | Second-highest rated   |       |
| Adult boot camps        | \$180,000      | 9%                  | No evidence of effects | — 9%  |
| Veterans courts         | \$100,000      | 5%                  | Not rated              | } 54% |
| All others              | \$950,000      | 49%                 | Not rated              |       |

Note: Data created by author for illustrative purposes only and are not intended to reflect any actual program budget.



# The Results First Approach



THE  
**PEW**  
CHARITABLE TRUSTS

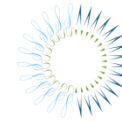
MacArthur  
Foundation

Compare current programs  
to evidence

Conduct benefit-cost analysis to  
compare returns on investment



# The Results First Model



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

**1** Use the best **research** to identify what works



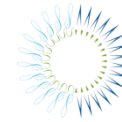
**2** Predict the **impact** in your jurisdiction



**3** Calculate long-term **benefits** and **costs**

**BENEFIT**  
**COST**

# Compare Benefits & Costs



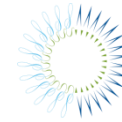
THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

| PROGRAM NAME            | PROGRAM BUDGET | RATINGS                | COSTS   | BENEFITS | BENEFIT TO COST RATIO |
|-------------------------|----------------|------------------------|---------|----------|-----------------------|
| Correctional industries | \$125,000      | Highest rated          | \$1,485 | \$6,818  | <b>\$4.59</b>         |
| Correctional education  | \$50,000       | Highest rated          | \$431   | \$21,720 | <b>\$18.40</b>        |
| Vocational education    | \$300,000      | Second-highest rated   | \$1,645 | \$19,594 | <b>\$11.91</b>        |
| Drug courts             | \$250,000      | Second-highest rated   | \$4,951 | \$15,361 | <b>\$3.10</b>         |
| Adult boot camps        | \$180,000      | No evidence of effects | —       | —        | —                     |
| Veterans courts         | \$100,000      | Not rated              | —       | —        | —                     |
| All others              | \$950,000      | Not rated              | —       | —        | —                     |

Source: Based on Washington data

# The Results First Approach



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

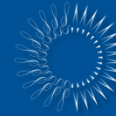
Compare current programs  
to evidence

Conduct benefit-cost analysis to  
compare returns on investment

Target funds to  
evidence-based programs

**GOAL:** Achieve dramatic  
improvements without  
increased spending



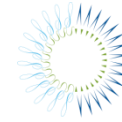


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

# Results First Technical Approach

# Results First policy areas

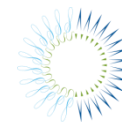


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation



# Results First technical steps



THE  
**PEW**  
CHARITABLE TRUSTS

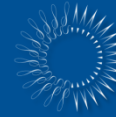
MacArthur  
Foundation

**Develop  
Program Inventory**

**Match to  
Evidence Base**

**Run  
Benefit-Cost Model**

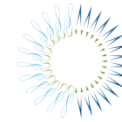




THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

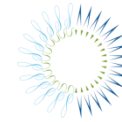
# Develop Program Inventory



# What is a program?

*Program* means an intervention (program or practice) that is implemented to affect a discrete outcome.

- **Criminal Justice** programs aimed at reducing recidivism, improving life skills, decreasing substance abuse, increasing parenting skills, etc.
- **Child Welfare** programs aimed at reducing child abuse and neglect, out of home placement, increasing parenting skills, etc .
- **Substance Abuse** programs that aim to reduce the incidence of disordered alcohol, cannabis, illicit drugs, tobacco, or opioid use.
- **Mental Health** programs that seek to reduce the incidence or symptoms of mental health illness.
- **Education** programs that aim to increase high school graduation rates and/or test scores, or decrease grade repetition.

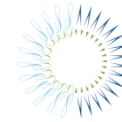


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

## Evidence-based means...

- Programs or practices whose level of effectiveness has been determined by rigorous evaluations.
- Evidence-based programs can be ineffective or even have a negative impact.
- Where is the evidence?
  - Jurisdiction-specific evaluation
  - Clearinghouses



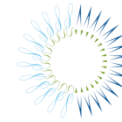
THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

## Allows you to answer...

- What programs are currently funded?
- Are they evidence-based?
- Are they effective?
- What programs should be prioritized for evaluation?
- What programs have additional or lack capacity?

# PHASE I: Gather basic program information



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

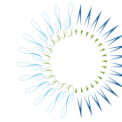
## PROGRAM INFORMATION

- Name
- Description
- Duration
- Frequency
- Oversight agency

## EVIDENCE BASE

- Jurisdiction-specific evaluation
- Type of evaluation

## PHASE II: Gather more detailed information



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

### PROGRAM INFORMATION

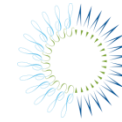
- Name
- Description
- Duration
- Frequency
- Oversight agency

### EVIDENCE BASE

- Jurisdiction-specific evaluation
- Type of evaluation

### BUDGET

- Program budget



## PHASE II: Optional information

### PROGRAM INFORMATION

- Service provider
- Provider credentials
- Delivery setting

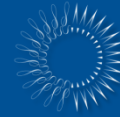
### CAPACITY

- Number of participants served
- Annual capacity
- Eligible but unserved individuals

### PARTICIPANTS

- Participant population



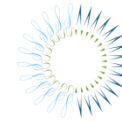


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

# Match to Evidence Base

## PHASE III: Match to the evidence base

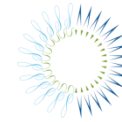


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

### EVIDENCE BASE

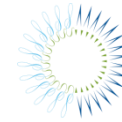
- *Jurisdiction-specific evaluation*
- *Type of evaluation*
- Clearinghouse/s that rated the program
- Clearinghouse rating



# What are clearinghouses?

- Purpose is to identify “what works”
- Review and summarize rigorous evaluations of different interventions
- Assign ratings to interventions based on the evidence (e.g., model, promising, mixed effects)
- Use slightly different methodologies, criteria and terminology
- Policy area specific
  - What Works Clearinghouse = Education
  - CrimeSolutions.gov = Criminal Justice

# Results First Clearinghouse Database



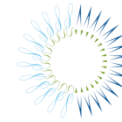
THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

- Contains information from 8 clearinghouses
- Over 1,000 interventions
- Policy area and intervention type (where applicable)
- Rating assigned by the clearinghouse
  - Link to program page
- Results First rating color



# Results First Clearinghouse Database



THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

## Results First Clearinghouse Database

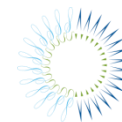
### Overview

To assist policymakers at all levels of government in identifying evidence-based programs and making data-driven budget decisions, the project has created the Results First Clearinghouse Database. This one-stop online resource provides policymakers with an easy way to find information on the effectiveness of various interventions as rated by eight national research clearinghouses.

### Using the Database

Use the search options below to find interventions. Users can also leave the search options blank to access all interventions in the database. In either case, users must click on Go to perform any search, including when making modifications to an existing one. In the Results table that appears afterward, each dot represents a clearinghouse review of an intervention. Hover over each one to see the actual clearinghouse rating, and click on Learn More to be taken to the clearinghouse's page for the intervention. Users may also hide any of the information boxes on this page by clicking on the dash in the right corner. To unhide, click on the plus sign.

# Assess level of funding for evidence-based programs



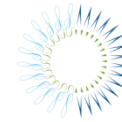
THE PEW CHARITABLE TRUSTS

MacArthur Foundation

| PROGRAM INFORMATION              | BUDGET         |                     | EVIDENCE-BASED         |       |
|----------------------------------|----------------|---------------------|------------------------|-------|
| PROGRAM NAME                     | PROGRAM BUDGET | % OF PROGRAM BUDGET | RATINGS                |       |
| Nurse Family Partnership         | \$125,000      | 6%                  | Highest rated          | } 9%  |
| Homebuilders                     | \$50,000       | 3%                  | Highest rated          |       |
| Triple P                         | \$300,000      | 15%                 | Second-highest rated   | } 28% |
| Parents as Teachers              | \$250,000      | 13%                 | Second-highest rated   |       |
| Healthy Families America         | \$180,000      | 9%                  | No evidence of effects | — 9%  |
| Supportive Housing               | \$100,000      | 5%                  | Not rated              | } 54% |
| Parent Child Interaction Therapy | \$950,000      | 49%                 | Not rated              |       |

Note: Data created by author for illustrative purposes only and are not intended to reflect any actual program budget.

# How jurisdictions have used the program inventory

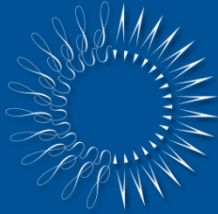


THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

- Establish a baseline
- Evaluation decisions
  - Identify programs that need evaluation
  - Use data collection as a check on program fidelity
- Budget decisions
  - Target resources at effective programs
  - Use Clearinghouse Database as a menu of potential investments
- Identify program capacity issues





THE  
**PEW**  
CHARITABLE TRUSTS

MacArthur  
Foundation

**Monica Sharma**  
Senior-Associate

[msharma@pewtrusts.org](mailto:msharma@pewtrusts.org)

[www.pewtrusts.org/ResultsFirst](http://www.pewtrusts.org/ResultsFirst)