

# Gifted Education Works – What We Know From Research

NAGC ADVOCACY AND LEADERSHIP CONFERENCE

JILL L. ADELSON, PH.D.  
UNIVERSITY OF LOUISVILLE  
JILL.ADELSON@LOUISVILLE.EDU

## Jacob K. Javits Gifted and Talented Students Education Program

Research from the National Center for Research on Gifted Education shows that **gifted children in poverty and minority groups** that demonstrate comparable levels of achievement and aptitude as their peers **are 250% less likely to be identified for, and in, gifted and talented programs.**



## Supporting and Promoting Advanced Readiness in Kids

Principal Investigator: Dr. Catherine Little  
Duration 2014-2019

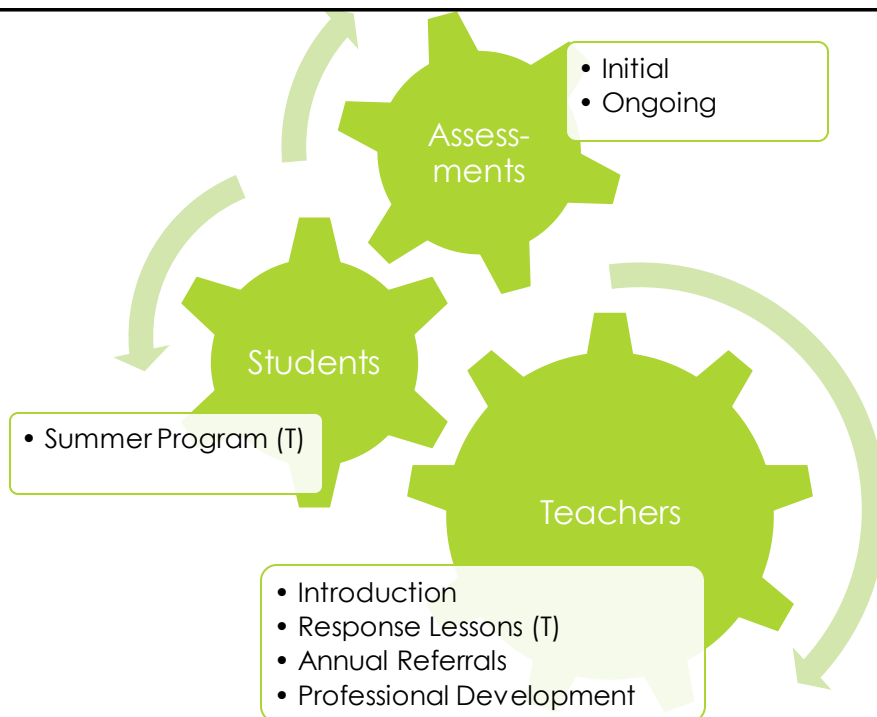
This project is supported under the Javits Gifted and Talented Students Education Grant Program, PR/Award Number S206A140017, as administered by the OESE, U.S. Department of Education.

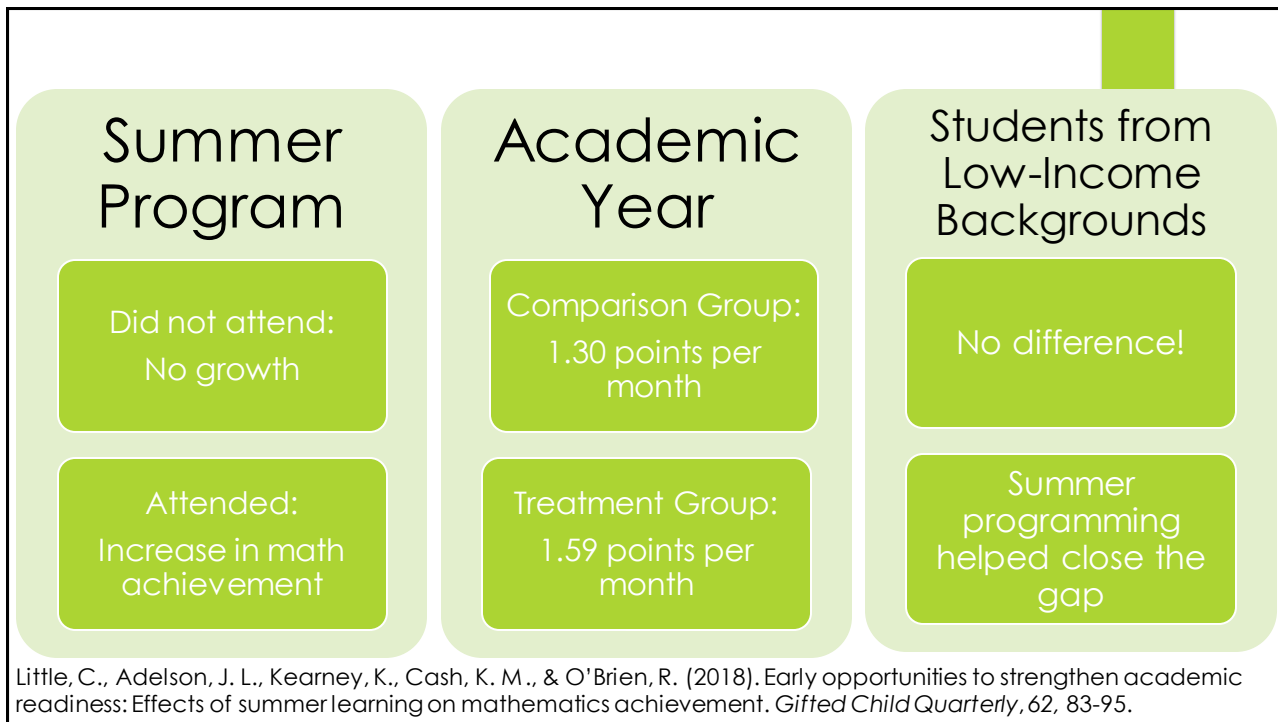
## Project SPARK: Supporting and Promoting Advanced Readiness in Kids

- ▶ Application/scaling up of the Young Scholars Model in 4 Connecticut school districts over 5 years (2014-2019)
- ▶ Focus on **early awareness, identification, and intervention** to support high **potential**
- ▶ Emphasis at **grades K-2** in schools with high populations from **underserved** groups

## Project SPARK Goals


- ▶ **Goal 1:** To increase the rate of **identification of and services to students from underrepresented groups** in gifted programs.
- ▶ **Goal 2:** To promote **achievement** of high-potential students from underrepresented groups, thereby **reducing the excellence gap**.
- ▶ **Goal 3:** To increase **student readiness for gifted program participation** through engagement in challenging curriculum and cluster grouping for instruction.
- ▶ **Goal 4:** To promote **professional practice** that will support the identification and development of emergent talent.
- ▶ **Goal 5:** To **disseminate results** of the project and resources for replication.





## Implications

- ▶ Value of intervention in **out-of-school** time setting focused on advanced learner needs
- ▶ Potential of added value for students from **low-income backgrounds**
- ▶ Importance of **professional supports** for teachers – summer programming may not be sufficient to maintain gains





Principal Investigator: Dr. Ann Robinson  
Duration 2014-2019

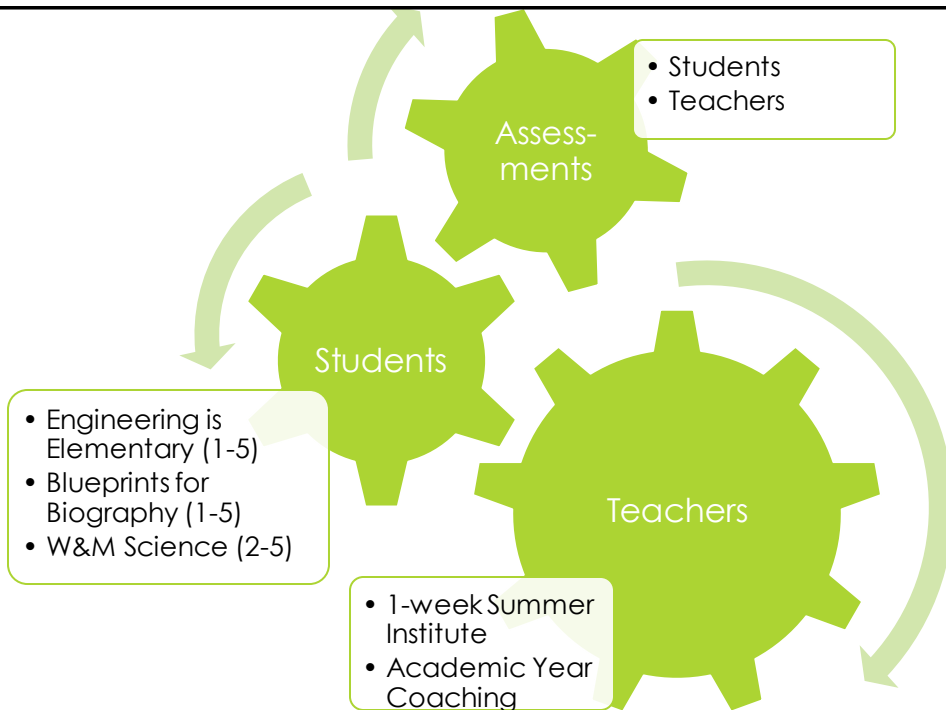
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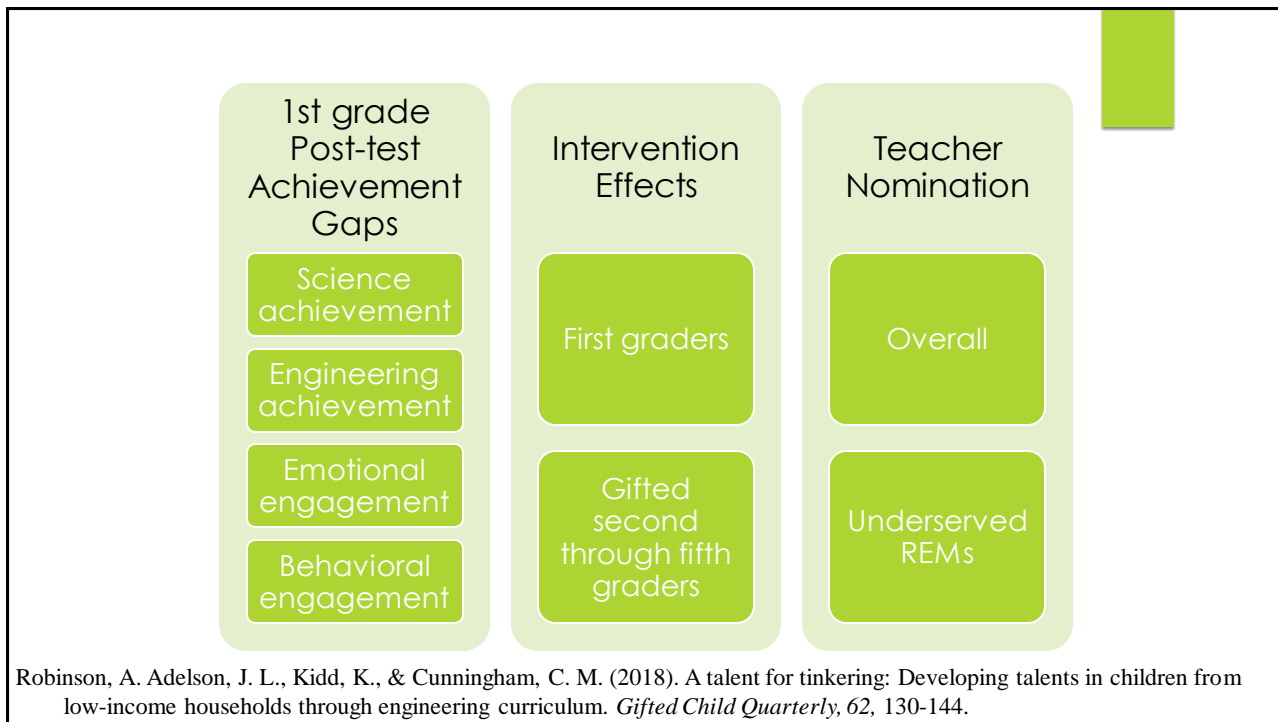
## STEM Starters+

- ▶ Scaling up of previous Javits demonstration grant
- ▶ Focus on **advanced curriculum opportunities** and **teacher professional development**
- ▶ Emphasis at **grades 1-5** in schools with high populations from **underserved** groups

## Project SPARK Goals

- ▶ **Goal 1:** To **scale up** Stem Starters model.
- ▶ **Goal 2:** To increase the **nomination, identification, and participation** of students from underrepresented populations to g/t programs and services.
- ▶ **Goal 3:** To increase **teacher content knowledge, skills, and efficacy** in teaching science and engineering design.
- ▶ **Goal 4:** To increase **student learning gains and engagement** in science content, process skills, and engineering design.
- ▶ **Goal 5:** To **conduct research** on short-term and longitudinal student and educator gains.





- ## Take-Aways
- ▶ Increasing teacher professional development opportunities
  - ▶ Increasing student opportunities
    - ▶ Challenging curriculum
    - ▶ Summer programming
  - ▶ Increasing use of research-based practices
    - ▶ Cluster grouping
    - ▶ Acceleration
  - ▶ Increasing identification of and services to students from traditionally underserved populations