Center for Education Policy Research
HARVARD UNIVERSITY

STRATEGIC DATA PROJECT

SDP INSTITUTE
FOR LEADERSHIP IN ANALYTICS

July 14-17, 2015 • Harvard University • Cambridge, MA

BENEFITS

- Understand root-cause analysis and problem identification as a framework for conducting analytics in education

- Learn basic data exploration techniques for rapidly producing descriptive analyses that surface new questions of high relevance to education leaders

- Assess operational use of data in your agency and learn strategies to influence leadership with analytics

- Understand important concepts for effectively displaying analytics and communicating with data

- Learn basic methods and strategies for robust program evaluation

UNIQUE OPPORTUNITY FOR PROFESSIONAL DEVELOPMENT

The SDP Institute for Leadership in Analytics is a four-day data workshop for education analysts who want to leverage data to inform decision making and improve student achievement. The curriculum provides a foundation or refresher course on problem analysis, technical methods, program evaluation, and data visualization and communication techniques. Hands-on activities, including computer lab sessions, demonstrate how to gain key insights around priority topics such as teacher effectiveness or college-going success. Participants need not be an expert in statistical programming, though a basic understanding is recommended (e.g., Stata, SAS, R, SPSS).

TOPICS COVERED

Principles of Effective Data Analysis in Education
Get hands-on instruction on key methods for exploring large education data sets and completing analyses to surface trends in high school graduation rates, college enrollment and persistence, and teacher placement, retention, and effectiveness.

Root-Cause Analysis and Problem Identification
Explore root-cause analysis as a framework for understanding challenges and identifying alternative solutions.

SDP Strategic Use of Data Rubric
Assess your agency's use of data with the SDP Strategic Use of Data Rubric and develop an action plan to bring next steps back to your agency.

SDP Fellows' Spotlight & Discussion Groups
Engage with current and former SDP Fellows to discuss best practices around topics like data dashboards, data governance, human capital, and college-going success.

An Introduction to Program Evaluation
Consider key strategies and methods for program evaluation in education.

$2,200 | Early registration - **Register by April 30, 2015**
$2,600 | Regular registration - **Register by June 1, 2015**

See back for more details on registration.

LEARN MORE AND SIGN UP: bit.ly/SDPinstitute • @HarvardCEPR • #SDPinstitute

REGISTRATION AND FEES

You may register online at bit.ly/SDPinstitute

Upon registration, you will receive an email confirming your intent to enroll in the SDP Institute. **Registration does not guarantee a seat at the SDP Institute.**

All program fees include tuition and meals, specifically breakfast and lunch on all four days, and light receptions on July 14 and 16. **Program fees do not include travel and hotel costs. Participants are responsible for booking travel and hotel on their own.**

Early Registration

Early registration is suggested as enrollment is limited. The deadline for early registration is April 30, 2015. The program fee for early registration is $2,200 and must be received by May 8, 2015.

Regular Registration

The deadline for regular registration is June 1, 2015. The program fee for regular registration is $2,600 and must be received by June 10, 2015.

Confirmation and Payment

When your registration has been accepted, you will receive an email with instructions for payment and additional logistics information.

Cancellation

Payment is required in advance but is refundable, less a $50 processing fee, if your cancellation is received by June 10, 2015.

HIGH-LEVEL AGENDA FOR THE SDP INSTITUTE

July 14	July 15	July 16	July 17
8:00 AM–6:30 PM	8:00 AM–5:00 PM	8:00 AM–6:30 PM	8:00 AM–3:00 PM
• Welcome to the SDP Institute • Introduction to Data Exploration and Management in Education • Root-Cause Analysis and Problem Identification • SDP Strategic Use of Data Rubric • Networking Reception	• Data Crunching Exercise: Getting Started with Education Data and Stata • An Introduction to Program Evaluation	• Data Visualization and Communication • SDP Fellows' Spotlight and Discussion Groups • Data Crunching Exercise: Exploring Human Capital and College-Going Data in Education • Networking Reception	• Data Crunching Exercise: Communicating with Data • Group Presentations of Analyses • Resources for Improving Strategic Use of Data in Your Agency

Dress is business casual. Attendance at all SDP Institute events, including the evening receptions, is mandatory.

UNCOVER INSIGHT AND INFORM DECISION-MAKING

After attending the SDP Institute, participants have:

- Developed interactive data visualizations comparing school performance

- Created dashboards with improved displays of key analyses

- Developed a high school graduate exit survey

- Investigated the issue of summer melt in their agency

- Redesigned evaluations for agency programs and initiatives

- Joined the SDP Fellowship program

> **"This was probably the best conference/ institute I have ever attended. SILA gave me the opportunity to interact with data people from all aspects of the educational world. The benefit was that we spoke the same language, yet we could focus on real data issues and case studies and not get caught up in the single-focus issues...SILA showed me new ways to dive into our data, and gave me a network of professionals and tools to do that.**
>
> *–Past SDP Institute Participant*