

Informatics Capacity & Project Description

Data Science Team Training Application 2020-2021

Thank you for your interest in the CSTE Data Science Team Training (DSTT) program. Applications must be submitted by December 11, 2020, 11:59 pm EST. If you have any questions about the program or application, please email dstt@cste.org.

Teams can range from 3-5 people and must include at least one health department epidemiologist. Please note that a letter of support from your agency is required as part of your complete application.

DSTT aims to support the goals of the [Data Modernization Initiative](#) by supporting teams to increase their data science skills through upskilling and complete related projects. This program will accelerate growth in data science capacity among the applied epidemiology workforce. More information about the program can be found on our website at cste.org.

DSTT is intended to provide additional resources and an opportunity to develop and strengthen technical skills using a massive open online course (MOOC) model, peer-to-peer learning, and project coaching from subject matter experts. A team stipend (approximately \$10,000) will be provided to accepted teams to be used for additional training.

Please complete all application sections which include a project description and SMART objectives. A resume or CV is required for each team member. If you have your answers to the questions prepared, filling out all parts of the application will take around 15 minutes.

Data Science Project Description

To be completed as a team

When writing your project description, please consider how participating in DSTT will support your project and data science capacity at your agency.

Include a specific description of how your project addresses one or more priorities of the Data Modernization Initiative. Consider including a problem statement, proposed methods, and expected

outcomes (public health outcomes or capabilities outcomes).

Agency:

Location

Project name:

Please provide a brief description of your project. **(200 words max)**

With which activity of the Data Modernization Initiative is your project most closely aligned?

- ☐ Coordinating people and systems (e.g., creating interoperable systems, making data sharing easier, or advancing academic and private partnerships)
- ☐ Accelerating data for action (e.g., updating and modernizing IT infrastructure, strengthening the data science workforce, or translating data into evidence-based recommendations)
- ☐ Supporting strategic innovation (e.g., developing next-generation tools or strengthening predictive analytics and forecasting)

Does your project relate to COVID-19?

- ☐ Yes
- ☐ No

Data Science Project SMART Objectives

To be completed as a team

In order for us to better understand the impact of your project, please describe 1-3 SMART objectives for your project.

SMART objectives are:

- Specific
- Measurable
- Achievable
- Realistic
- Time-bound

Please refer to this link for more information and examples of SMART objectives (opens in new window).

- [CDC: Develop SMART Objectives](#)

SMART Objective #1

SMART Objective #2

SMART Objective #3

Team Statement

Team Statement of Interest

To be completed as a team

Please answer the questions below, describing why your team wants to participate in the DSTT program. These answers should be written in a cohesive manner with all team members contributing. Please brainstorm as a team to ensure all ideas are included.

Describe your data science needs to justify participating in DSTT.

A large, empty rectangular text box with a light gray border and a small double-slash icon in the bottom right corner, intended for describing data science needs.

Identify at least 2 anticipated benefits of participating in DSTT.

A large, empty rectangular text box with a light gray border and a small double-slash icon in the bottom right corner, intended for identifying anticipated benefits.

To what extent will your participation in the program impact your agency's long-term (i.e., beyond the completion of this project) data science capacity?

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Participants in DSTT will be matched with subject matter experts to provide project coaching. What do you hope to gain from working with a coach?



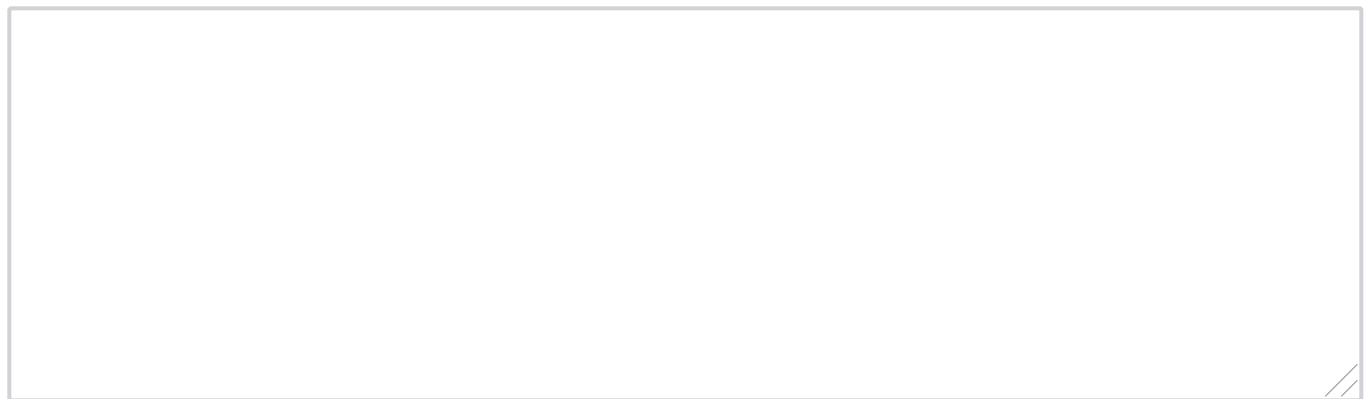
Training Stipend

Team Stipend

To be completed as a team

If selected, your team will be awarded a stipend (approximately \$10,000). It is up to the discretion of the team to decide how these funds are utilized. For example, participants could use the team stipend for online training courses, access to peer-reviewed literature, conference attendance, or meeting facilitation to engage project partners.

How does your team anticipate allocating these funds to support the project's progress? **(250 words max)**



Is your agency able to contract with CSTE to receive your Team Stipend? (Your response to this question will not be scored).

☐ Yes

☐ No

☐ Other

Is your agency able to invoice CSTE to receive your Team Stipend? (Your response to this question will not be scored).

☐ Yes

☐ No

☐ Other

Team Composition

Team Composition

To be completed by each individual team member

Please enter the names of all team members who will be involved in your project. Teams can range from 3-5 people and must include at least one health department epidemiologist. If you have less than 5 team members, please select >> at the bottom of the page after you have provided information for your team members until you reach the end.

Team Member 1:

Team Member 1 Information:

First Name

Last Name

Degree

Position

Agency

Phone Number (XXX-XXX-XXXX)

Email Address

Team member 1: What is your expected contribution to the team (e.g. skills, expertise, leadership, historical/institutional knowledge)? **(250 words max)**

Team Member 1: Please upload your CV or resume below as a PDF or a Word Document:

Team Member 2:

Team Member 2 Information:

First Name

Last Name

Degree

Position

Agency

Phone Number (XXX-XXX-XXXX)

Email Address

Team Member 2: What is your expected contribution to the team (e.g. skills, expertise, leadership, historical/institutional knowledge)? **(250 words max)**

Team Member 2: Please upload your CV or resume below as a PDF or a Word Document:

Team Member 3:

Team Member 3 Information:

First Name	<input type="text"/>
Last Name	<input type="text"/>
Degree	<input type="text"/>
Position	<input type="text"/>
Agency	<input type="text"/>
Phone Number (XXX-XXX-XXXX)	<input type="text"/>
Email Address	<input type="text"/>

Team Member 3: What is your expected contribution to the team (e.g. skills, expertise, leadership, historical/institutional knowledge)? **(250 words max)**

Team Member 3: Please upload your CV or resume below as a PDF or a Word Document:

Team Member 4:

Team Member 4 Information:

First Name	<input type="text"/>
Last Name	<input type="text"/>
Degree	<input type="text"/>
Position	<input type="text"/>
Agency	<input type="text"/>
Phone Number (XXX-XXX-XXXX)	<input type="text"/>
Email Address	<input type="text"/>

Team Member 4: What is your expected contribution to the team (e.g. skills, expertise, leadership, historical/institutional knowledge)? **(250 words max)**

Team Member 4: Please upload your CV or resume below as a PDF or a Word Document:

Team Member 5:

Team Member 5 Information:

First Name	<input type="text"/>
Last Name	<input type="text"/>
Degree	<input type="text"/>
Position	<input type="text"/>
Agency	<input type="text"/>
Phone Number (XXX-XXX-XXXX)	<input type="text"/>
Email Address	<input type="text"/>

Team Member 5: What is your expected contribution to the team (e.g. skills, expertise, leadership, historical/institutional knowledge)? **(250 words max)**

Team Member 5: Please upload your CV or resume below as a PDF or a Word Document:

Please upload a letter of support from your agency that addresses why the proposed project is important to improving your agency's data science capacity.

The letter should:

- Confirm that participating staff will have dedicated time (4-5 hours per month) and resources to facilitate project progress
- Come from a team member's supervisor or a senior manager in the health department such as the State Epidemiologist
- Be signed, dated, and no longer than 500 words

Please upload the letter of support as a PDF or a Word Document.

Thank you for completing the application. Please review everything before you submit and make sure that all appropriate documentation is uploaded.

- Select >> to submit your application
- Select << to go back to earlier parts of the application to make any edits

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