

Webinar Agenda: Predict and Prepare: Taking Action to Address the Teacher Supply Chain

Regional Educational
Laboratory
Central

From the National Center for Education Evaluation at IES

Overview

Date and Time: April 15, 2021, from 1:30 p.m. - 2:30 p.m. MT

Location: Virtual

Presenters:

- Paul Katnik, assistant commissioner, Missouri Department of Elementary and Secondary Education
- Beth Kania-Gosche, professor, Missouri University of Science and Technology, and president, Missouri Association of Colleges for Teacher Education

REL Central Facilitator and Presenter:

- David Yanoski
- Joshua Stewart

Description

This REL Central webinar will begin with an overview of the Teacher Predictor Model, a tool that uses state administrative data to examine and predict patterns of teacher shortages in Missouri. Presenters will outline the development of the model, describe the visualization of results in a dashboard, and discuss how Missouri educators use the predictions to develop policies and programs to address teacher shortages. The presenters will also suggest how state education agencies might adapt the model. Finally, the presenters will share strategies at the state, district, and educator preparation program levels to address identified shortage areas.

Participants will gain an understanding of the following:

- How the Teacher Predictor Model is used to examine and predict teacher shortages in Missouri.
- How the model might be adapted for use in other states.
- What strategies are used at the state, district, and educator preparation program levels to address teacher shortage areas.

Agenda

1:30–1:35 p.m. Introduction to the Webinar

Goal: To provide an overview of the webinar.

Objectives:

1. To familiarize participants with the webinar platform features.
2. To familiarize participants with the resources used in webinar.
3. To poll participants about their roles.

Facilitator: David Yanoski

Audience activity: Poll

Materials: None

Time: 5 minutes

Content:

1. Yanoski will explain the webinar platform features, including how to use the chat box for questions (2 min).
2. Yanoski will review the resources that will be used during the webinar (2 min).
 - a. State that links for resources were provided in registration email.
 - b. Refer to the resources and ask participants to review them.
 - c. Screen-share to show resource landing pages and locate the resources.
 - d. Share resources via the chat box for those who have not already downloaded the materials.
 - e. Introduce the presenters.
3. Yanoski will administer and share the results of a poll asking participants to indicate their roles (1 min).

1:35–1:50 p.m. Introduction to the Missouri Teacher Predictor Model

Goals:

1. To describe the development and use of the Teacher Predictor Model.
2. To describe how Missouri educators use data from the model to guide state decision-making around teacher supply.
3. To share how state education agencies might adapt the model for their own use.

Facilitator: David Yanoski

Presenters: Paul Katnik, Joshua Stewart

Audience activity: Q & A using the chat box

Materials:

- Reichardt, R., Klute, M., Stewart, J., & Meyer, S. (2020). *An approach to using student and teacher data to understand and predict teacher shortages* (REL 2021–052). U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, Regional Educational Laboratory Central.
<https://eric.ed.gov/?id=ED609342>

Time: 15 minutes

Content:

1. Yanoski will facilitate a conversation with panelists Katnik and Stewart (15 min). Topics will include the development and operation of the Teacher Predictor Model, uses of the model data, and examples of state decision-making using the data. Presenters will answer questions entered in the chat box.

1:50–2:25 p.m. Strategies to Recruit and Retain Teachers in Shortage Areas

Goals:

1. To describe how Missouri educator preparation programs use Teacher Predictor Model data to guide decision-making.
2. To share strategies for improving potential teacher candidates' interest in shortage areas.

Facilitator: David Yanoski

Presenters: Beth Kania-Gosche, Paul Katnik

Audience activity: Q & A using the chat box

Materials: None

Time: 35 minutes

Content:

1. Yanoski will facilitate a conversation with Kania-Gosche and Katnik (35 min). Topics will include educator preparation programs' need for data related to teacher shortage areas, ways programs may use these data to guide recruitment efforts, and strategies for recruiting teacher candidates into areas of need, including strategies implemented by educator preparation programs and through state policy initiatives. Presenters will answer questions entered in the chat box.

2:25–2:30 p.m. Closing

Facilitator: David Yanoski

Audience activities: None

Materials: None

Time: 5 minutes

Content:

1. Yanoski will take final questions for presenters from the audience through the chat box. Yanoski will then explain how participants can access resources and a recording of the webinar. Finally, Yanoski will ask participants to complete a feedback survey (5 min).