

Agenda

Exploring Non-Traditional Statistical Methods as Ways to Address Cultural, Social, and Linguistic Biases

**Hawai'i-Pacific Evaluation Association (H-PEA) 2019 Conference
Kāne'ohe, Hawai'i
September 20, 2019**

Presented by

Dr. Bradley Rentz, researcher, REL Pacific at McREL International

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| 2:20–2:25 p.m. | Welcome, Introductions and Overview of REL Pacific |
| 2:25–2:45 p.m. | The Role of Biases and Downfalls in Using Linear Regression Analyses <ul style="list-style-type: none">• Dr. Rentz will present on how using common statistical methods can embed social biases into analyses. |
| 2:40–3:10 p.m. | Alternate Analysis Methods <ul style="list-style-type: none">• Dr. Rentz will present on how machine-learning analytic tools may lead to more equitable student placement strategies.• Dr. Rentz will explore the benefits of the use of additional data for placement decisions, such as high school GPA and courses, along with other scores as measurements. |
| 3:10–3:20 p.m. | Wrap-up, Q&A, and Stakeholder Feedback Survey |