USDA-NIFA Grant funded ONE DAY

AGRICULTURE SOIL CHEMISTRY WORKSHOP II

for

TEN (10) HIGH SCHOOL AGRICULTURE & SCIENCE TEACHERS

Date: December 3, 2018
Time: 8:30am – 4:30pm
Venue: CSU Bio AG and Sustainable Garden, CSU Stanislaus, Turlock, CA 95382.

Registration Required: Available online at [https://commerce.cashnet.com/SoilWorkshopII](https://commerce.cashnet.com/SoilWorkshopII) before 5pm, Friday November 30, 2018 or upon receipt of 10 applications.
Fee: $40 (Covers registration, light breakfast, lunch and workshop materials)

4 Main Modules Covered:

<table>
<thead>
<tr>
<th>Module 1: Soil Color</th>
<th>Module 3: Acidity and Alkalinity (pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>o Mini-Lecture</td>
<td>o Mini-Lecture</td>
</tr>
<tr>
<td>o Lab Protocol</td>
<td>o Lab Protocol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module 2: Electrical Conductivity and Temperature</th>
<th>Module 4: Soil Major Nutrients (NPK)</th>
</tr>
</thead>
<tbody>
<tr>
<td>o Mini-Lecture</td>
<td>o Mini-Lecture</td>
</tr>
<tr>
<td>o Lab Protocol</td>
<td>o Lab Protocol</td>
</tr>
</tbody>
</table>

Participants will:

- Complete hands-on lab modules designed to investigate different soil properties
- Determine soil color for different soil samples
- Use portable soil probes for soil testing and analysis
- Utilize scientific protocols for soil sampling and analysis
- Explore Integrating Instructional modules into High School Agriculture/science curriculum
- **Earn .5 Contract Extension Unit (CEU)**

Contact:

Dr. Augustine Avwunudiogba – aavwunudiogba@csustan.edu | 209-667-3574
Dr. Oluwarotimi Odeh - oodeh1@csustan.edu | 209-667-3961

*USDA – NIFA Non-Land Grant Colleges of Agriculture (NLGCA) Award #2015-70001-23440*