



High School Track

- 8:00 a.m. **Registration and light breakfast**
- 8:30 a.m. **Welcome and Introductions** - Sharon Thielen & Erin Rios
- 8:45 a.m. **Cornucopia-** Jessica Sadler
- 10:00 a.m. **Fermenting Fuel-Designing a Procedure for Fast Fermentation & Ethanol-Corn Mash and Distillation** - James Burk
- Noon **Lunch**
- 12:30 p.m. **Genetically Modified Information** – Shelly Robinson
- 1:30 p.m. **Decoding DNA-Modeling Protein Synthesis** – Jessica Sadler
- 2:15 p.m. **How Sweet it Is-** James Burk
- 3:15 p.m. **Break**
- 3:30 p.m. **Feed the World-DNA to the Rescue** – Maricar Harris
- 4:30 p.m. **Field Scouting-** Jessica Sadler and Brent Conner
- 5:15 p.m. **Corn Field Visit**
- 5:45 p.m. **Field Scouting**
- 6:30 p.m. **Farm Reception/Dinner**



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- 7:30 a.m. **Doors Open**
- 8:00 a.m. **How Sweet It Is-** James Burk
- 8:45 a.m. **Hitting the Bullseye- Accuracy and Precision in Laboratory Pipetting** – Shelly Robinson
- 9:15 a.m. **Ethanol-Corn Mash and Distillation** - James Burk (Break)
- 10:15 a.m. **DDG Nutrient Testing** – Shelly Robinson
- 10:45 a.m. **Feed the World-DNA to the Rescue (wrap-up)** – Maricar Harris
- 11:00 a.m. **Ethanol Expert**
- 11:30 a.m. **Break**
- 11:45 p.m. **Bus to Ethanol Plant** (box lunch on bus and information about more resources)
- 1:00 p.m. **Ethanol Plant Tour**
- 3:30 p.m. **Bus to School**
- Q&A
- Evaluation
- 4:30 p.m. **Depart and Teacher Workshop Kit**