

**Chanute Summer Workshop ■ High School Track**

**Tuesday, June 4, 2020**

8:00 a.m. **Registration and light breakfast**

8:30 a.m. **Welcome and Introductions** - Sharon Thielen & Erin Rios

8:45 a.m. **Explore Corn** –Chris Remmich

9:45 a.m. Break

10:00 a.m. **Fermenting Fuel-Designing a Procedure for Fast Fermentation & Ethanol-Corn Mash and Distillation** - James Burk

Noon **Lunch**

12:45 p.m. **Decoding DNA-Modeling Protein Synthesis** – Bill Welch

1:30 p.m.  **Genetically Modified Information** – Shelly Robinson

2:30 p.m. **Break**

2:45 p.m. **Feed the World-DNA to the Rescue** – Lacie Fair

3:45 p.m. **Hitting the Bullseye- Accuracy and Precision in Laboratory Pipetting** –Bill Welch

4:30 p.m. **Hotel Check-in** - TBA

5:30 p.m. **Farm Visit** - TBA

6:30 p.m. **Reception**

7:00 p.m. **Farm Dinner**

**Wednesday, June 5, 2020**

7:30 a.m. **Doors Open**

8:00 a.m. **Feed the World-DNA to the Rescue (wrap-up)** – Lacie Fair

8:15 a.m. **Protein Production Jackpot** – Lacie Fair

9:15 a.m. **Ethanol-Corn Mash and Distillation** - James Burk

10:15 a.m. **Break**

10:30 a.m. **DDG Nutrient Testing** – Bill Welch

11:00 a.m. **Ethanol Expert** - TBA

11:30 a.m. **Break**

11:45 p.m. **Bus to Ethanol Plant** (box lunch on bus)

1:00 p.m. **Ethanol Plant Tour** - Oakley

3:30 p.m. **Bus to School**

 -Q&A
 -Evaluation

4:30 p.m. **Depart and Teacher Workshop Kit**