INTRODUCTION

WHY ARE WE HERE?
WHO ARE YOU?
What is DEAP?

The Duke Energy Academy at Purdue, or DEAP, is an immersive program for high-achieving high school juniors and seniors, and secondary science teachers. During the week-long course on STEM-related energy topics, participants will be provided with resources and incentives to inspire both students and teachers in sustainable energy solutions.
INTRODUCTION

DEAP 2015
COUNSELOR CALLOUT

Purdue University
History of the Program

2012  Energy Camp
2013  Energy Academy
2014  Duke Energy Academy at Purdue
2015  Duke Energy Academy at Purdue
DEAP LEADERSHIP

Maureen McCann
Director
Energy Center, Discovery Park

Pankaj Sharma
Managing Director
Energy Center, Discovery Park

Tolu Omotoso
Lead Coordinator
Graduate Student, CE

Jill Wable
Administrative Assistant
Energy Center, Discovery Park
DEAP 2015
COUNSELOR CALLOUT

Lowell Knight
Student Coordinator
Undergraduate Student, FYE

Vivien Lai
Student Coordinator
Undergraduate Student, BIOL

Ana Carneiro
Student Coordinator
Undergraduate Student, FYE

AJ Covarrubias
Student Coordinator
Graduate Student, CE
# Schedule at a Glance

**Duke Energy Academy at Purdue 2014**

<table>
<thead>
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<tbody>
<tr>
<td></td>
<td>Sunday</td>
<td>Inauguration Day</td>
<td>Monday</td>
<td>Grand Challenge</td>
<td>Tuesday</td>
<td>Renewable Energy/Power</td>
<td>Wednesday</td>
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<tr>
<td>7:00</td>
<td>Breakfast</td>
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<tr>
<td>8:00</td>
<td>Purdue President Daniels</td>
<td>Program Orientation</td>
<td>Hands-on Activity</td>
<td>Smart-Grid</td>
<td>Projects: PV by R. Agrawal; Batteries by V. Pol; Biofuel by N. Mesler; H/Fuel Cell by T. Fournier &amp; A. Chuang; Electricity by J. Braun &amp; E. Groll; Wind by J. Chen; Nuclear Fuel by R. Bean</td>
<td>Lunch</td>
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<td>9:00</td>
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<tr>
<td>10:00</td>
<td>Check-in</td>
<td>Lunch</td>
<td>Hands-on Activity</td>
<td>Energy Education Exercises</td>
<td>Tour</td>
<td>Travel to Cayuga</td>
<td>Work on Final Presentations</td>
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<td>19:00</td>
<td>Welcome Dinner</td>
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<td>20:00</td>
<td>Welcome Dinner</td>
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**Participants in assigned rooms**

*Lights out*
THE COUNSELOR

WHAT WE’RE LOOKING FOR IN A GREAT COUNSELOR
Day Counselor

- Escort groups to and from activities
- Facilitate hands-on activities
- Assist with projects as necessary
- Attend scheduled lectures and tours
- Keep group on schedule and on time

Night Counselor

- Participate in planned evening events
- Ensure students are in rooms with lights out at appropriate times
- Ensure students wake up on time
- Remind students of proper attire
The Perfect Candidate

Self-Initiative
• Takes ownership of roles
• Seeks opportunities to contribute

Social Communication
• Interaction with HS students & teachers
• Approachable and able to talk casually

Passion for STEM
• Enthusiastic about STEM and energy topics
• Self-motivated for advancing knowledge

Contagious Optimism
• Genuine happiness to be there
• Serve as role model and leader to group
Responsibilities

Primary Responsibilities
• Enforce Academy guidelines
• Act as the ‘eyes and ears’
• Fill out and submit daily electronic log forms
• Escort your group as needed through the entire duration of the Academy

Secondary Responsibilities
• Respond to questions posed by the parents of student participants
• Prevent restricted associations
• Watch for bullying or other unacceptable behaviors
• Take pictures, update social media, etc.
• Follow any other tasks, as assigned
RECRUITMENT, SELECTION, AND TRAINING (RST)

HOW YOU CAN BECOME A COUNSELOR
Application Process

The Online Application is Open NOW!

http://www.purdue.edu/discoverypark/energy/energyacademy/about.php

Online applications close at midnight Sunday, February 22nd

Interviews:
February 23rd-27th
Time slots on first-come, first-serve basis
# Preliminary Training Schedule

<table>
<thead>
<tr>
<th>Wk.</th>
<th>Date</th>
<th>Topic</th>
<th>Location</th>
<th>Notes</th>
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<tr>
<td>7</td>
<td>2/10/2015</td>
<td>Counselor Callout</td>
<td>ARMS 1109</td>
<td>2/10, 5:30pm</td>
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<td>8</td>
<td>2/17/2015</td>
<td>Application Deadline (2/22)</td>
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<tr>
<td>9</td>
<td>2/24/2015</td>
<td>Counselor Interviews &amp; Selection</td>
<td>MANN</td>
<td>Interviews all week</td>
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<td>3/3/2015</td>
<td>Counselor Notification</td>
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<td>Must accept by 3/13</td>
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<td>12</td>
<td>3/17/2015</td>
<td><em>Spring Break</em></td>
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<td>13</td>
<td>3/24/2015</td>
<td>First Meeting: Intro &amp; Paperwork</td>
<td>MANN 203</td>
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<td>14</td>
<td>3/31/2015</td>
<td>Ethics: Youth Safety</td>
<td>MANN 203</td>
<td>Online quiz due 2 weeks later</td>
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<td>4/7/2015</td>
<td>Ethics: Reporting Child Abuse</td>
<td>MANN 203</td>
<td>Online quiz due 2 weeks later</td>
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<td>Student Interaction: Part I</td>
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<td>4/21/2015</td>
<td>Student Interaction: Part II</td>
<td>MANN 203</td>
<td>Probation Period Ends; Eval.</td>
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<td>4/28/2015</td>
<td><em>Dead Week</em></td>
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<td>5/5/2015</td>
<td><em>Finals Week</em></td>
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<td>5/12/2015</td>
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<td>5/19/2015</td>
<td>Optional/Backup Training Date</td>
<td>MANN 203</td>
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<td>5/26/2015</td>
<td>Teacher Interactions</td>
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<td>23</td>
<td>6/2/2015</td>
<td>Icebreakers/Informal Activities</td>
<td>MANN 203</td>
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<td>6/9/2015</td>
<td>Campus Safety</td>
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<td>6/16/2015</td>
<td>Training Wrap-up</td>
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<td><em>DEAP 2015</em></td>
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<td>27</td>
<td>6/30/2015</td>
<td>DEAP Review</td>
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Questions?

Connect with us:

- www.facebook.com/TheEnergyAcademyAtPurdue
- @EnergyAcademyPU
- energyacademy@purdue.edu