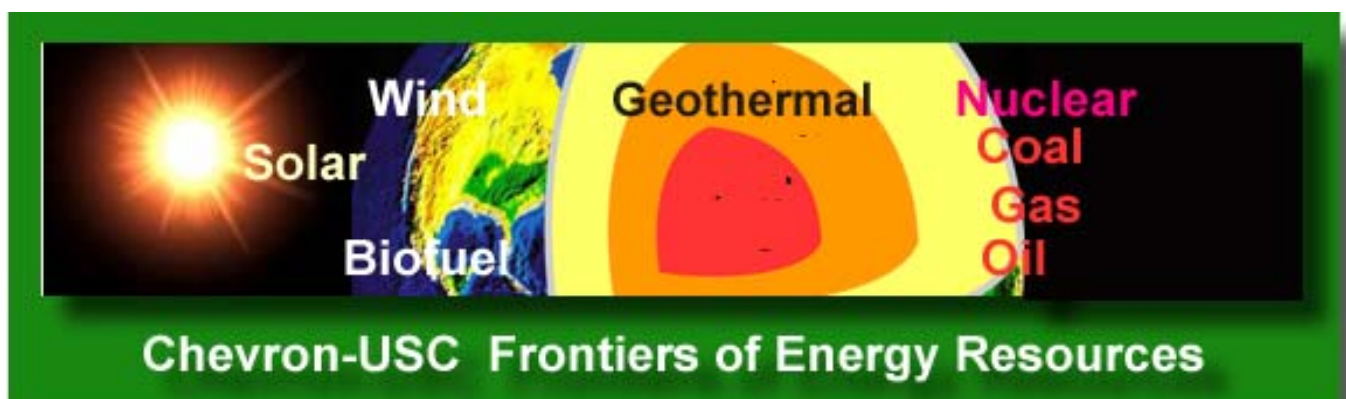


# 2012 Agenda



# Frontiers of Energy Resources

## Sunday, July 15<sup>th</sup>

|                 |  |                       |
|-----------------|--|-----------------------|
| <b>1:00 pm</b>  | <b>Registration</b>  | <b>Parkside Tower</b> |
| <b>2:00 pm</b>  | <b>Reception/Welcome/Rules</b><br><i>Iraj Ershaghi</i>               | <b>Parkside Patio</b> |
| <b>3:00 pm</b>  | <b>Camp Activities</b>   |                       |
| <b>5:30 pm</b>  | <b>Dinner</b>  | <b>Parkside</b>       |
| <b>6:30 pm</b>  | <b>Scavenger Hunt</b>  | <b>USC Campus</b>     |
| <b>8:00 pm</b>  | <b>Free Time</b>   | <b>Parkside Tower</b> |
| <b>10:30 pm</b> | <b>All campers must stay within their assigned dorm. Good night!</b> | <b>Parkside Tower</b> |

# Frontiers of Energy Resources

## Monday, July 16<sup>th</sup>

|          |  |                |
|----------|--|----------------|
| 8:00 am  | <b>Breakfast</b>   | Parkside       |
| 9:00 am  | <b>Camp Introduction</b><br><i>Iraj Ershaghi</i>                                     | RTH 324        |
| 9:30 am  | <b>USC &amp; Chevron Welcome</b><br><i>Dean Yannis Yortsos &amp; Warner Williams</i> | RTH 324        |
| 10:00 am | <b>Energy Supplies and Demand</b><br><i>Don Paul</i>                                 | RTH 324        |
| 11:00 am | <b>Smart Grid</b><br><i>Viktor Prasanna</i>  | RTH 324        |
| 11:30 am | <b>Lunch</b>   | Parkside       |
| 12:30 pm | <b>Political Aspect of Energy Planning</b><br><i>Charles Cicchetti</i>               | RTH 324        |
| 1:00 pm  | <b>Safety in Operations</b><br><i>Najmedin Meshkati</i>                              | RTH 324        |
| 1:30 pm  | <b>Century of Hydrocarbons</b><br><i>Iraj Ershaghi</i>                               | RTH 324        |
| 2:00 pm  | <b>Origin of Oil &amp; Gas</b><br><i>Doug Hammond</i>                                | RTH 324        |
| 3:00 pm  | <b>Technology of Heavy Oil Resources</b><br><i>Jalal Abedi</i>                       | RTH 324        |
| 4:00 pm  | <b>Recent Graduates</b><br><i>Brittany Daniels &amp; Andrew Grace</i>                | RTH 324        |
| 6:00 pm  | <b>Dinner</b>  | Parkside Tower |
| 7:00 pm  | <b>Homework</b>  | Leavey Library |
| 8:00 pm  | <b>Freetime</b>  | Parkside Tower |
| 10:30 pm | <b>All campers must stay within their assigned dorm</b>                              | Parkside Tower |

# Frontiers of Energy Resources

## Tuesday, July 17<sup>th</sup>

Field Trip Day – Wear your USC Apparel!

|                 |   |                       |
|-----------------|---|-----------------------|
| <b>7:30 am</b>  | <b>Breakfast</b>  | <b>Parkside</b>       |
| <b>8:30 am</b>  | <b>Board Bus at Parkside</b>                            |                       |
| <b>10:00 am</b> | <b>Field Trip</b><br><i>Don Clarke</i>                  | <b>THUMS Island</b>   |
| <b>12:00 pm</b> | <b>Lunch</b>  |                       |
| <b>12:30 pm</b> | <b>Field Trip</b><br><i>Don Clarke</i>                  | <b>Point Fermin</b>   |
| <b>3:00 pm</b>  | <b>Hydrocarbons Everywhere</b><br><i>Lanre Olabinjo</i> | <b>RTH 324</b>        |
| <b>4:00 pm</b>  | <b>Homework</b>   | <b>Leavey Library</b> |
| <b>5:30 pm</b>  | <b>Dinner</b>   | <b>Parkside</b>       |
| <b>6:30 pm</b>  | <b>Movie Night</b>                                      | <b>RTH 324</b>        |
| <b>8:30 pm</b>  | <b>Free Time</b>  | <b>Parkside Tower</b> |
| <b>10:30 pm</b> | <b>All campers must stay within their assigned dorm</b> | <b>Parkside Tower</b> |

# Frontiers of Energy Resources

## Wednesday, July 18<sup>th</sup>

|                 |   |                       |
|-----------------|---|-----------------------|
| <b>8:00 am</b>  | <b>Breakfast</b>  | <b>Parkside</b>       |
| <b>9:00 am</b>  | <b>Unconventional Resources</b><br><i>Iraj Ershaghi</i>                   | <b>RTH 324</b>        |
| <b>9:30 am</b>  | <b>Solar Energy</b><br><i>Daniel Dapkus</i>                               | <b>RTH 324</b>        |
| <b>10:30 am</b> | <b>Beyond Oil &amp; Gas: The Methanol Economy</b><br><i>Surya Prakash</i> | <b>RTH 324</b>        |
| <b>11:30 am</b> | <b>Lunch</b>  | <b>Parkside</b>       |
| <b>1:00 pm</b>  | <b>Combustion Efficiency</b><br><i>Paul Ronney</i>                        | <b>RTH 324</b>        |
| <b>1:30 pm</b>  | <b>Geothermal Energy</b><br><i>Fred Aminzadeh</i>                         | <b>RTH 324</b>        |
| <b>2:00 pm</b>  | <b>break</b>  |                       |
| <b>2:15 pm</b>  | <b>Nuclear Energy</b><br><i>Priya Vashishta</i>                           | <b>RTH 324</b>        |
| <b>2:45 pm</b>  | <b>Alternative Energy</b><br><i>Iraj Ershaghi</i>                         | <b>RTH 324</b>        |
| <b>6:00 pm</b>  | <b>Dinner</b>   | <b>Parkside</b>       |
| <b>7:00 pm</b>  | <b>Assignments</b>  |                       |
| <b>10:30 pm</b> | <b>All campers must stay within their assigned dorm</b>                   | <b>Parkside Tower</b> |

# Frontiers of Energy Resources

## Thursday, July 19<sup>th</sup>

**8:00 am Breakfast Parkside**

**9:00 am Nano Technologies RTH 324**  
*Andrea Armani*

**10:00 am Algae Oil Basics RTH 324**  
*Alex Leshnick*

**11:00 am Social Aspect of Energy Conservation: RTH 324**  
**Breaking Habits**  
*Julie Albright*

**12:00 pm Lunch Parkside**

**1:00 pm Assignments**

**Dinner**

**Assignments**

**10:30 pm All campers must stay within their Parkside Tower**  
**assigned dorm**

# Frontiers of Energy Resources

## Friday, July 20<sup>th</sup>

### Last Day of Camp! Wear your camp T-shirt

|                 |   |                         |
|-----------------|---|-------------------------|
| <b>8:00 am</b>  | <b>Breakfast</b><br><b>*Remember to pack your bags and<br/>be ready for checkout in the afternoon</b> | <b>Parkside</b>         |
| <b>10:00 am</b> | <b>Team Debates</b>   | <b>RTH 324</b>          |
| <b>12:00 pm</b> | <b>Group Photo</b>  | <b>RTH</b>              |
| <b>12:15 pm</b> | <b>Lunch</b>  | <b>RTH Café</b>         |
| <b>1:00 pm</b>  | <b>Lab Tours</b>  |                         |
| <b>2:30 pm</b>  | <b>Closing Remarks</b>  | <b>RTH 324</b>          |
| <b>3:00 pm</b>  | <b>Checkout of Dorms</b>  | <b>Parkside Tower</b>   |
| <b>4:00 pm</b>  | <b>Reception</b>  | <b>Patio of The Lot</b> |
| <b>4:30 pm</b>  | <b>Awards Ceremony</b>  | <b>GFS 106</b>          |
| <b>5:00 pm</b>  | <b>Adjourn</b>  |                         |