Members present are listed in bold text.

Meeting Topics and Discussion:

I. Welcome and Introduction
Darrel Dugan opened the meeting with a welcome and Executive Committee (EC) member introductions including introduction of Kristen Stiegler as the new administrative assistant for CIEE.

II. Innovation Competition administrative discussion (1:38 pm)
Staff explained the proposal documents and meeting outline, as well as, competition proceedings. Discussion followed about procedure for soliciting input from the EC members who were not in attendance.

*Executive Committee recommends a summary of the meetings decisions and recommendations be shared with the executive committee members who were not in attendance and solicit their input and or concurrence prior to submitting the recommendations to the Board of Directors.*

(Fornaro-Dean/Dugan).

III. Innovation Competition: Finalist Proposals (1:44pm)
Five finalists were scheduled to present their proposals and answer questions from the EC members, however, only four finalists actually presented. In addition, two applicants had substitutes due to their unexpected inability to present. EC members confidentially discussed each proposal after each innovator had exited the room.
Proposal Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>First Name</th>
<th>Last Name</th>
<th>Title</th>
<th>Proposal Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45</td>
<td>Tony</td>
<td>Guhr</td>
<td>President</td>
<td>Application of Recycled Carbon Fiber for Manufacturing of Injection Molded, Compression Molded, and Co-mingled Composites Parts</td>
</tr>
<tr>
<td>2:10</td>
<td>Isaac</td>
<td>Spear</td>
<td>President</td>
<td>Autonomous Unmanned Aerial Vehicles (AUAV) No show</td>
</tr>
<tr>
<td>2:30</td>
<td>David</td>
<td>Leben</td>
<td>Vice President</td>
<td>Firefly (Mr. Frank Corega presenting)</td>
</tr>
<tr>
<td>2:50</td>
<td>Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3:00</td>
<td>Colin</td>
<td>Snyder</td>
<td>Project Coordinator and Engineer</td>
<td>Overbraided Carbon Fiber Reinforced Thermoplastic Wheels for Automotive Fuel Efficiency Improvement</td>
</tr>
<tr>
<td>3:20</td>
<td>Nicholas</td>
<td>Bennington</td>
<td>President</td>
<td>Ultra-High Efficiency Internal Combustion Engine via the &quot;Grail Cycle.&quot; (Mr. Rich Duncan presenting)</td>
</tr>
</tbody>
</table>

The EC recommends to the Board of Directors to fund three competitive technology development and business counseling grants listed below for the total amount of $149,500 pending successful contract negotiations, legal review, and availability of funds:

A. **Tony Guhr, $50,000, Application of Recycled Carbon Fiber for Manufacturing of Injection Molded, Compression Molded, and Co-mingled Composites Parts**

B. **Colin Snyder, $49,500, Overbraided Carbon Fiber Reinforced Thermoplastic Wheels for Automotive Fuel Efficiency Improvement**

C. **Nicholas Bennington, $50,000, Ultra-High Efficiency Internal Combustion Engine via the "Grail Cycle." Award is contingent on final scope of work that includes detailed, itemized scope of work to be presented to the EC and technical experts for review before contract is finalized. (Fornaro-Dean/Dugan)**

Meeting Adjourned (4:10 pm)

Applicants whose proposals were not recommended by the EC will be notified by email on July 11, 2012. Applicants will be provided their proposals metrics scores and encouraged to visit CIEE staff for further feedback and debriefing.

Next CIEE Board Engagements:

**Full Board,** Tuesday, July 10, 2012, WSU Marcus Welcome Center, Room 102 (Clark) from 10:30 a.m. to Noon.

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1. Approximately 70 percent of the grant proceeds will fund WSU laboratory expertise and services and the balance of the proceeds will be used by Guhr (CFR) to support the Scope of Work for product and process development.
2. Approximately 10 percent of the grant proceeds will fund WSU laboratory expertise and services and the balance of the proceeds will be used by Snyder (Momentum Wheels) to support the scope of work for product and process development.
3. Distribution of proceeds contingent on final scope of work.