Distance Traveled: 1430 km

Year Competing: 3rd Year
(4th Place in 2010)

Range of Grade Levels:
Sophomore to Senior

(Names below listed in the same order of the photo above)

<table>
<thead>
<tr>
<th>Name</th>
<th>Jack McCormack</th>
<th>Jason Gary</th>
<th>Kuan-Po Chen</th>
<th>Robert Swanson</th>
<th>Danielle Clifford</th>
<th>Clayton Kleppinger</th>
<th>Clement Lan</th>
<th>Lawrence Goldstein</th>
<th>Seth Baklor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Role</td>
<td>Mechanical Graphics &amp; Poster</td>
<td>Electrical</td>
<td>Electrical</td>
<td>Technical Writing</td>
<td>Electrical</td>
<td>Co-Captain &amp; Software</td>
<td>Mechanical</td>
<td>Team Captain</td>
<td></td>
</tr>
</tbody>
</table>

Mentor: None

Bold indicates the ‘Houston Crew’

**ROV Hybris**

**Total Cost of ROV:** $14662.68

Primary Materials Used: aluminum, stainless steel, delrin, high-density polyethylene, polycarbonate

Overall Dimensions: 62cm x 58cm x 21cm

Special Features: immense power to weight ratio, uni-body aluminum frame, one-dive to finish entire mission, single manipulator for simplicity, entirely custom onboard electronics system and software

Safety Features: shrouds on all propellers, plastic propellers, all electrical wiring sealed with liquid electrical tape and heat shrink, fuses throughout electrical system, emergency quick release pneumatic valve

Total Weight in Air: 15.8 kg