**Research Plan**

Instructions: Using the suggested research activities presented at the end of each lecture, identify at least one activity that you are most interest in and will be involved in upcoming months.

**Faculty Name:** Brandon Gurwell

**Email:** begurwell@swtjc.edu

**Institution:** Southwest Texas Jr. College

**Title of the Research:** Solar Panel Cleaning System

**Will it be a collaborative work with other partners (if yes, name of the partner):** Muraya Gonzalez

**Objectives of Activity:** Design solar panel cleaning system and study effects on efficiency.

**Description of the activity:** Design solar panel cleaning system that requires little to no maintenance. Try for a low-cost, low or no power consumption solution. Study the effects of the system on solar panel efficiency.

**Possible deliverables/output (a product, software, article, etc.):** Cleaning system for solar panels, article

**Expected Students involved:**

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| --- | --- | --- | --- | --- | --- |
| **Name** | **Email** | **Field of interest** | **Hours/week working** | **Minority?** | **Female Minority?** |
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