**BGREEN - Building a Regional Energy and Educational Network:**

A Partnership to Integrate Efforts and Collaboration to Shape Tomorrow’s Hispanic Sustainable Energy Leaders

Award # 2011-38422-30803 Amount: $3.2M

**What is BGREEN?**

BGREEN is a collaborative network of sustainable energy researchers, educators, and USDA agencies working together to coordinate efforts and increase educational and post-graduation opportunities for Hispanic students pursuing careers contributing to the Sustainable Energy area.

**Institutions Involved**

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<tr>
<th>UTEP</th>
<th>TAMUK</th>
<th>TXState</th>
<th>NMSU</th>
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<tbody>
<tr>
<td>Heidi A. Taboada (PI)</td>
<td>Shad D. Nelson (PI)</td>
<td>Tongdan Jin (PI)</td>
<td>Delia Valles (PI)</td>
</tr>
<tr>
<td><a href="mailto:hataboada@utep.edu">hataboada@utep.edu</a></td>
<td><a href="mailto:kfsdn00@tamuk.edu">kfsdn00@tamuk.edu</a></td>
<td><a href="mailto:t17@txstate.edu">t17@txstate.edu</a></td>
<td><a href="mailto:dvalles@ad.nmsu.edu">dvalles@ad.nmsu.edu</a></td>
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<tr>
<td>Jose F. Espiritu</td>
<td>Greta Schuster</td>
<td>Jesus Jimenez</td>
<td>Hansuk Sohn</td>
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<td>William Hargrove</td>
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<td>Reed Richardson</td>
<td>Ram Acharya</td>
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<td>Shane Walker</td>
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<td>Nirmala Khandan</td>
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<td>Juan Noveron</td>
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**Consortium Partners**

- USDA and Agricultural Research Partners

1. **Agricultural Research Service Southern Plains Area Director**, Dan R. Upchurch
2. **National Program Leader for Biomass Production Systems**, Jeffrey Steiner
3. **Natural Resources Conservation Service**, M. Lee Norfleet
4. **Texas AgriLife Research Center at El Paso Director**, Ari M. Michelsen
5. **Texas State Director for Rural Development**, Francisco Valentin Jr.,
7. **Texas AgriLife – Pecos**, Jaroy Moore

**Beneficiaries**

1) K12 students,
2) College students,
3) Master and Doctoral level students

**Activities**

1) Outreach & Recruitment,
2) Education,
3) Experiences, and
4) Dissemination

**NIFA/USDA Relevant Priority or Mission Area**

- **Sustainable Energy**

**Main Objectives**

- Foster collaboration among multiple participants and disciplines.
- Serve as a focal point for scientific research and educational activities throughout the region/nation in the sustainable energy field.
- Develop new curricula aligned with USDA needs in renewable energy to train the next generation of sustainable energy leaders.
- Synergize the efforts of multiple investigators at different institutions.
- Maintain strategic relationships with the USDA agencies so that students can be employed by USDA or related agencies.

**Impact to date**

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<th>UG</th>
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<th>Ph.D</th>
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