

BGREEN - BuildinG a Regional Energy and Educational Network:

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

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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

UTEP	TAMUK	TXState	NMSU
Heidi A. Taboada (PI) hataboada@utep.edu	Shad D. Nelson (PI) kfsdn00@tamuk.edu	Tongdan Jin (PI) tj17@txstate.edu	Delia Valles (PI) dvalles@ad.nmsu.edu
Jose F. Espiritu	Greta Schuster	Jesus Jimenez	Hansuk Sohn
William Hargrove		Reed Richardson	Ram Acharya
Shane Walker			Nirmala Khandan
Juan Noveron			

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.,
6. **Acting Director of Office of Energy Policy and New Uses**, Harry Baumes
7. **Texas AgriLife –Pecos**, Jaroy Moore

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

	UG	MS	Ph.D	TOTALS
Year 1	35	9	9	53
Year 2	28	12	10	50
Year 3	29	10	11	50



Beneficiaries

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

Activities

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

