

ENGINEERS WITHOUT BORDERS

Texas A&M University Chapter 2026 Sponsorship Packet

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ENGINEERS WITHOUT BORDERS

Texas A&M University Chapter



Who We Are

Engineers Without Borders-USA (EWB-USA) is a nonprofit organization that partners with communities to develop sustainable, community-led engineering solutions. EWB-USA projects focus on essential infrastructure such as water access, sanitation, drainage, energy, and community facilities. The goal is not to impose outside solutions, but to work with local partners so each project can be maintained long after implementation. For more information about EWB-USA, visit: http://ewb-usa.org.

The Texas A&M University Student Chapter of Engineers Without Borders (EWB-TAMU) includes approximately 200+ dues paying student members, supported by faculty advisors and professional engineer mentors. Since its founding in 2009, EWB-TAMU has grown into one of the largest and most active student chapters in the EWB-USA network. In 2021, the chapter was recognized as both EWB-USA Chapter of the Year and Texas A&M Student Organization of the Year.

Our members work on multi-year engineering projects in partnership with communities, local organizations, EWB-USA, faculty, and professional engineers. Current chapter work includes protected spring systems in Rwanda, flood mitigation infrastructure in the Dominican Republic, and local design-build projects in Bryan-College Station through FIELD.

Design sustainable infrastructure with community partners

Manage real engineering projects from assessment through implementation

Create engineering designs

Develop technical, leadership, and project management skills

Serve communities through ethical, long-term engineering work



Why Sponsor EWB-TAMU?

EWB-TAMU gives students the opportunity to apply engineering beyond the classroom while supporting communities through long-term, sustainable infrastructure projects. Corporate partners gain access to a multidisciplinary student community. Roughly 71% percent of our members are freshmen or sophomores, giving sponsors an opportunity to build relationships with emerging engineers early in their college careers. Members represent mechanical, electrical, computer, civil, environmental, and other engineering disciplines.

EWB-TAMU's immediate project needs total at least $53,000: $30,000 or more for Rwanda, $20,000 or more for the Dominican Republic, and approximately $3,000 for FIELD local projects. This is a combined chapter-wide goal supported by multiple corporate partners, individual donors, grants, and in-kind contributions. No single sponsor is expected to fund the full amount, and support at every level helps advance a specific part of our work.

Contributions fund technical development, materials, travel, construction coordination, implementation, and long-term monitoring. Companies may support a specific project or allow EWB-TAMU to direct their contribution toward the area of greatest need. Each partnership strengthens community-led engineering work while giving nearly 200 Texas A&M students practical experience in design, budgeting, project management, communication, and leadership.

We invite sponsors to partner with us through financial support, donations, technical mentorship, company presentations, or long-term project partnership.

For more information about our chapter, visit: http://ewb-tamu.org.



Global Project Impact

Expanding Water Access in Rwanda

In Rwamiko, Rwanda, EWB-TAMU is working with EWB-USA ,professional engineer mentors, IDA Rwanda, and local community partners to support protected spring systems. This project focuses on improving reliable access to clean water through locally led infrastructure that can be maintained by the community long after implementation.

Students support the project through site assessment, design development, construction planning, implementation monitoring, and long-term evaluation. Travel to Rwanda allows the team to verify site conditions, collaborate directly with local partners, and evaluate project performance in ways that cannot be replicated from campus.

This work builds on EWB-TAMU's previous Rwanda sanitation project in Matyazo, where the chapter supported the construction of 15 latrines and completed monitoring work in 2024. That project demonstrated the value of long-term partnership, careful design, and continued follow-up.

Current Funding Need

The Rwanda project is expected to require at least $30,000 to support travel, project materials, technical development, implementation support, and long-term monitoring.

Sponsor support helps move this project from design and planning into field implementation with local partners.

Rwanda: Partnership, Progress & Next Steps

EWB-TAMU's work in Rwanda is built on long-term collaboration with EWB-USA, IDA Rwanda, professional engineer mentors, government representatives, and community partners.

Our Previous Work in Matyazo

The chapter began assessing sanitation conditions in Matyazo in 2020. Using community input, students and professional mentors developed a maintainable latrine design. Local partners constructed the first latrine in 2021 using engineering documentation prepared by the project team.

In 2022, six students and one professional mentor traveled to Rwanda to support construction, gather community feedback, and identify more efficient building methods. Continued implementation by local partners ultimately completed 15 latrines.



Monitoring and Measurable Results

EWB-TAMU returned in 2024 to inspect the completed latrines and speak with community members. Every inspected structure remained in strong condition, including latrines that had been in use for approximately three years.

The team also worked with local partners and government representatives to secure locally available construction materials, reducing the cost of each latrine by approximately one-third. These results demonstrate how local collaboration and continued monitoring can improve affordability, durability, and long-term sustainability.

The Next Phase in Rwamiko

Lessons from Matyazo now guide EWB-TAMU's protected-springs project in Rwamiko. Students and project partners are assessing community needs, developing engineering designs, and preparing for implementation. Planned fieldwork will help verify site conditions, coordinate with community members, and evaluate system performance and maintainability.

How Sponsors Move the Project Forward

Sponsor funding supports technical development, travel, project materials, implementation coordination, and long-term monitoring. This support helps turn engineering plans into dependable, locally maintained infrastructure while giving Texas A&M students practical project experience.



Global Project Impact

Flood Mitigation in the Dominican Republic

Villa Verde, located near Santo Domingo, experiences recurring flooding during heavy rainfall. Community members reported that some homes remained flooded for two to three weeks after major storms. Flooded roads restrict daily travel, while standing water creates mosquito breeding sites. Previous attempts to fill low-lying areas provided temporary relief, but the flooding returned because no drainage system carried the water away.

The community requested a longer-term response. EWB-TAMU works alongside Community Empowerment and Unidos por Villa Verde, whose local relationships help identify priorities, coordinate residents and labor, and support translation, logistics, and long-term maintenance. Students and professional engineer mentors contribute surveying, engineering design, construction planning, and monitoring.

A 2022 assessment produced survey and elevation data that informed designs for road grading, drainage ditches, and underground piping. Implementation in January 2024 and August 2025 included road reconstruction, grading, trenching, drainage infrastructure, pipe and headwall installation, and caliche road surfacing. Following a later hurricane, community partners reported no flooding on the improved street or in nearby homes, providing early evidence that the system was performing as intended.

The next phase focuses on monitoring the completed improvements, finalizing operation and maintenance guidance, and evaluating additional flood-prone areas. Sponsor support helps fund project materials, travel, construction coordination, and long-term monitoring.

Current Funding Need: At Least $20,000



It was so amazing to see all of the work, research, and planning we were doing throughout the semester unfold before us on this trip. The community was so welcoming towards us, and it was very fulfilling to see their excitement towards the end when they saw the improvements we'd made on their road. I also learned so much about project management and implementation, and I'm looking forward to learning even more as we continue to work with this wonderful community.

- Renee Schoellman
Nuclear Engineer Major
Class of 2026 EWB
Member

The work in Villa Verde continues after each travel team returns to Texas. Students and professional engineer mentors review field observations, update technical documentation, track project decisions, and coordinate next steps with Community Empowerment and Unidos por Villa Verde. This continuity preserves project knowledge and keeps community partners involved throughout implementation and monitoring.

The next phase focuses on monitoring how the completed drainage improvements perform during heavy rainfall, finalizing operation and maintenance guidance, and identifying any necessary adjustments. The team and its partners will also evaluate additional flood-prone areas where drainage ditches, road grading, or underground piping may provide further protection.

Sponsor support makes this long-term involvement possible by funding continued technical development, coordination, travel, materials, and monitoring. This support helps EWB-TAMU and its partners build on completed work, respond to new information, and strengthen flood resilience in Villa Verde over time.



Serving the Bryan-College Station Community Through Engineering

FIELD: Local Engineering in Action

Established in 2021, FIELD (Fundamental Introduction to Engineering and Local Design) gives EWB-TAMU members an accessible pathway into hands-on engineering and community service. FIELD currently includes 100 students, representing just over half of the chapter's approximately 200 dues paying members. Many participants are first-year students beginning their engineering education.

FIELD introduces students to the same community-centered engineering process used throughout EWB-TAMU: listening to project partners, defining needs, developing and reviewing designs, preparing budgets and materials, supporting implementation, and evaluating results. Students work alongside experienced members, faculty, professional mentors, community partners, and local businesses throughout this process.

Through its partnership with REACH, a local nonprofit supporting affordable housing in Bryan-College Station, FIELD teams have worked on projects responding to needs identified at the organization's site. Projects often continue across multiple semesters, giving students time to strengthen their designs, respond to partner feedback, and gain practical experience beyond the classroom.

FIELD Project History

Year	Project	Focus
2022	Pergola	Structural design, project management, and procurement
2023	Floating Dock	Material testing, and fluid mechanics
2023 - 2024	Solar Aerator	Solar, electrical, and mechanical system design
2024–2025	Culvert Project	Hydrologic design, flood prevention, safety planning, and implementation

FIELD's Next Phase

EWB-TAMU is reviewing FIELD's structure, community partnerships, and future project opportunities for the upcoming academic year. New projects will be selected based on a clearly identified community need, an appropriate technical scope, professional guidance, and a realistic plan for implementation and long-term use.

Estimated FIELD Funding Need: Approximately $3,000

Because future project scopes are still being finalized, this amount is a program level estimate. FIELD operates as an EWB-TAMU chapter program funded separately from EWB-USA and CE Corps projects. Sponsor support will fund approved construction materials, prototyping and testing supplies, tools, safety equipment, local transportation, and other implementation expenses.

Companies may also support FIELD through material donations, technical mentorship, project reviews, and professional development opportunities. These partnerships help strengthen local projects while preparing Texas A&M students to become thoughtful, collaborative, and professionally responsible engineers.

U.S. Project Impact

Solar Engineering at Heifer Ranch, Arkansas



Heifer Ranch asked EWB-TAMU to help develop a solar-powered system for a mobile poultry shelter. The system would support lighting, airflow, and other ranch operations while reducing repetitive manual work. The project allowed students to apply renewable-energy and electrical-engineering concepts to an agricultural need.

Students interviewed ranch staff and technical specialists, documented how the shelter was used, and collected structural, electrical, budget, and safety requirements. With guidance from professional mentors, the team communicated their designs.

The team later built a customizable solar-powered prototype and continued refining its design. Although the planned 2025 implementation trip did not occur, members continued developing the project through structural and electrical research, prototype evaluation, and technical documentation. During summer 2026, the team worked on an operating manual and prepared a farmer-focused presentation explaining the system's solar, electrical, and mechanical components.

The project gave students practical experience in material gathering, multidisciplinary design, prototyping, technical review, and communication with clients. It also demonstrated an important part of responsible engineering. The value of responding to technical concerns and improving a design before moving into implementation.

Arkansas Timeline

Fall 2023
Project Kickoff and Solar Workshop

December 2023
Heifer technical information call

February 2024
Heifer Ranch assessment trip

Spring 2024
Calculations and Initial design report

Fall 2024
Design revisions and documentation

Spring 2025
Additional research and implementation planning

Spring 2026
Structural and electrical research and build planning

July-August 2026
Manual completion and farmer-presentation planning



OUR FUNDING NEEDS & SPONSORSHIPS

EWB-TAMU's immediate project needs total at least $53,000: $30,000 or more for protected-spring work in Rwanda, $20,000 or more for flood mitigation in the Dominican Republic, and approximately $3,000 for FIELD local projects. This combined goal will be supported by multiple sponsors, donors, grants, and in-kind partners, and contributions at every level help move the work forward.

Support beyond these project estimates strengthens chapter operations, member training, technical workshops, career programming, and our annual banquet. Corporate partners can also engage directly with our community of approximately 300 multidisciplinary students through lunch-and-learns, project presentations, recruiting events, and technical mentorship.

	Platinum	Gold	Silver	Bronze
Cost	**$10,000+**	**$5,000+**	**$2,500+**	**$500+**
Link and logo on our website	✓	✓	✓	✓
Sponsor recognition on social media	✓	✓	✓	✓
Sponsor acknowledgment and thanks at events	✓	✓	✓	✓
Project updates and year-end impact summary	✓	✓	✓	✓
Logo on Chapter apparel	Center, Large	Medium	Small	
Annual banquet recognition and guest invitation	✓	✓	✓	
Invitation to project presentations and student networking events	✓	✓	✓	
Opportunity to host a lunch and learn or technical workshop	✓	✓		
Opportunity to co-host a career focused event	✓	✓		
Access to an opt-in student résumé book	✓			
Custom recruiting, mentoring, or employee engagement	✓			

Engagement opportunities are subject to chapter schedules, university requirements, and sponsor availability.

HOW TO CONTRIBUTE

All general and international project donations can be sent directly to EWB-USA at the link below or you can mail a check to our on-campus mailbox. **You can also visit our website at http://ewb-tamu.org for more information.**

Donation Link: https://support.ewb-Tamu.com

Make checks payable to EWB-USA. Please specify Texas A&M University Chapter and Sponsorship Level on the memo line. If you are donating to a certain international project, please specify the project in the memo line as well.

We also would appreciate gift cards and other in-kind materials to be used for our projects. This may include gift cards to Home Depot or Lowe's, or a discount in power tools or other materials. If you would like to choose this option, please contact us directly at the information below.

Contributions supporting EWB-USA and CE Corps projects should be made through the designated EWB-USA donation process and identified for the Texas A&M University Chapter or the intended project. FIELD projects and other chapter-level initiatives are funded separately. Sponsors interested in supporting FIELD, chapter operations, student development, or local programming should contact EWB-TAMU directly for the appropriate contribution method.

Mailing Address
Engineers Without Borders – TAMU
Department of Student Activities
125 Koldus Student Services Building 1236 TAMU,
College Station, TX 77843-1236
Box 754





THANK YOU!

Thank you so much for taking the time to learn about our student chapter of Engineers Without Borders at Texas A&M and for your consideration in financially supporting our work. If you have any questions or would like to know more, do not hesitate to contact us. Our contact information is found below.
Thank you again for your support!

Paul Mulenga
EWB-TAMU President
682-701-1889 | president@ewb-tamu.org

Sarah Driori
EWB-TAMU Vice President of Projects
908-361-5724| vpprojects@ewb-tamu.org

Jack Hawkins
EWB-TAMU Vice President of Development
210-585-0140 | vpdevelopment@ewb-tamu.org

René Elms
Faculty Advisor, TAMU Associate Professor of Practice
979-458-9810 | relms@tamu.edu

The 2026 -2027 Sponsorship Packet was designed by our Director of Communications.
For design information, contact:

Ally Currie
EWB-TAMU Director of Communications
903-731-3263 | communication@ewb-tamu.org



STAY CONNECTED

We appreciate your interest in the Texas A&M University Chapter of Engineers Without Borders USA. Please consider connecting with us in a variety of ways to stay updated with our organization.

Scan our QR Code to access our website!

@ewbtamu

Engineers Without Borders-USA: Texas A&M Student Chapter

www.ewb-tamu.org

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