

SPEAKERS & POSTER PRESENTERS



Rebecca Alcock

Student, University of Wisconsin - Madison

I am a senior biomedical engineering student at UW Madison with aspirations to work in rehabilitation robotics. EWB is my greatest passion, and I hope to one day bridge my BME talents with my enthusiasm for international engineering. I look forward to a life of serving and partnering with communities to help create a cleaner, healthier, and safer world.

<http://ewbuwguat.weebly.com>



Robert Anderson

Student, Harvard University

Robert is a third year undergraduate at Harvard College where he is pursuing an S.B. in Mechanical Engineering at the John A. Paulson School of Engineering and Applied Sciences. He is an accomplished engineering student and John Harvard Scholar, was the recipient of the Detur Book Prize for high academic standing, and earned two Harvard Certificates of Distinction in Teaching in 2016.

<http://robertandersonengineering.weebly.com>



Kevin Andrezejewski

Engineering Service Corps Program Manager, Engineers Without Borders USA

A business guy, who became a social entrepreneur, which turned into managing international development programs globally over the past 10 years. I'm not an engineer, but I've worked with some amazing ones while implementing programs and am very passionate about appropriate and sustainable design thinking.

www.ewb-usa.org



Ramona Bago

Student, Worcester Polytechnic University

I have always tried my best to help others and I knew that by joining EWB I would be able to continue doing so. Though I have only been part of my school's chapter for one year, I am incredibly grateful to be able to work with and learn from others who share my passion.



Colin Bailey | Keynote Speaker

Executive Director, Environmental Justice Coalition for Water

Colin Bailey is the Executive Director of the Environmental Justice Coalition for Water (EJCW). An accomplished social justice attorney, Colin supports EJCW's statewide policy agenda, local and regional programs, and grassroots member organizations. Colin received his J.D. from UCLA School of Law, with a certificate from the Public Interest Law and Policy Program and having completed coursework for the Critical Race Studies Program.

www.ejcw.org



Madison Baker

Student, University of Colorado - Boulder

I'm here both for a long time and a good time... because I believe in sustainability.



Emily Banach

Student, Michigan State University

I am a senior and double major in Biosystems Engineering and Statistics at Michigan State University. I am originally from the suburbs of Chicago and I love food, bicycling, drinking tea, playing board games, reading, and playing the flute and piano.

<https://ewbmsutanzaniatravel2017.wordpress.com>



Shannon Bartelt-Hunt

Professor, University of Nebraska

Shannon Bartelt-Hunt is a Professor in the Department of Civil Engineering at the University of Nebraska. She is the co-advisor for the University of Nebraska EWB chapter.



Matthew Benson

Student, University of Michigan

I am a senior Chemical Engineering student at Michigan State University. My fun fact usually has something to do with EWB, but that doesn't really set me apart here!



Larry Bentley

Retired Mission Critical Electrical Systems Engineer

Retired Mission Critical power specialist, now Engineering Service Corps volunteer, ICP reviewer, Energy Standing Content Committee, Water Standing Content Committee, mentor for various university chapters



Devin Berg

Associate Professor, University of Wisconsin - Stout

I am an associate professor of mechanical engineering with interests in humanitarian engineering, robotics, engineering design, and engineering education. I also serve as the faculty advisor to my university's chapter of EWB-USA.

<http://devinberg.com>



Frank Bergh

Vice President of Grid Engineering, Sigora International Inc



Chris Bleers

Managing Program Director, Engineers Without Borders USA

23 years overseas with INGOs in Africa, Asia, and the Caribbean delivering assistance and protection to communities affected by disasters and conflict mostly in terms of refugee/IDP camp design, construction and management along with shelter, schools, health centers, and other various rural infrastructure. And if it weren't for good antibiotics I'd be dead. (Just checking to see if you're still paying attention.)

www.ewb-usa.org



Elizabeth Buchanan

Endowed Chair in Ethics, University of Wisconsin - Stout

Researcher, Administrator, This, That, and the Other



M. Robin Collins

Professor, University of New Hampshire

Senior Faculty Adviser to UNH Chapter of EWB

www.unh.edu/erg/wttac



Benjamin Cook

Structural Engineer, Appledore Marine Engineering

Benjamin Cook is a Structural Engineer – Diver and former US Marine. Originally from California, he resides in Boston, MA when not traveling the world.

<https://bksinfronteras.wordpress.com>



Andrea Corral

Lead Technologist, Carollo Engineers

Andrea is heavily involved with Engineers Without Borders USA (EWB-USA) since 2011. She has worked on sanitation and water supply projects in Bolivia with the University of Arizona and the University of New Mexico student chapters, respectively. Currently, she serves as the co-president for the EWB-USA Mountain Region Steering Committee.



Barrett Cosgrove

Student, Virginia Polytechnic Institute

Graduate Student at Virginia Tech, dual mastering in Environmental Engineering as well as Urban & Regional Planning. I am passionate about the environment, traveling the globe, and making a difference wherever I can.
www.ewbvt.org



Steve Crowe

Guatemala Country Director, Engineers Without Borders USA

I'm a mechanical engineer who's been living and working in Guatemala since 2006. For a bit over a year I've been directing EWB-USA's Guatemala office and our efforts to increase the organization's impact in the country.
www.ewb-usa.org



Waleska Crowe

Guatemala Deputy Director, Engineers Without Borders USA

Waleska is the Guatemala Deputy Director. She has a passion for working with Chapters, communities, and partners. She has 10 years of experience working in development projects. Finally, she loves to eat her vegetables!
www.ewb-usa.org



Erin Cummings

Water Resources Engineer, CH2M

I'm a water resources engineer at CH2M in Chicago, IL. I've been involved in EWB-USA for the past 7 years and have worked on water projects in Uganda, Guatemala, Ethiopia, and Afghanistan.
<http://ewbuwguat.weebly.com>



Noah Davis

Student, Virginia Polytechnic Institute

I am an English Major, focusing on Education, at Virginia Tech. I started with EWB-USA when I was a sophomore Engineering major and have kept with it since.



Tabatha Davis

Student, University of Wisconsin - Madison

I am a senior at UW-Madison studying Biological and Agricultural Engineering. I have been a part of Engineers Without Borders USA for three years and have traveled to Guatemala with the organization three times!



Todd Davis

Assistant Professor, Milwaukee School of Engineering

Assistant Professor in civil engineering at the Milwaukee School of Engineering (MSOE). Co-advisor for the MSOE chapter of EWB-USA and work on several projects with the community of Jajobaj in Guatemala.

<http://ewbuwguat.weebly.com>



Kerry Drake

Architect, Payette

Kerry Drake is an architect, lab planner, world traveler, and artist. Originally from Southern California, she currently resides in the Boston area.

<https://bksinfronteras.wordpress.com>



Jeremy Driscoll

Environmental Engineer, Indian Health Service

Jeremy is interested in WASH projects and education/training programs. He worked at the in-country Guatemala office this past year. He recently moved to South Dakota to work on the Pine Ridge Reservation with the Indian Health Service.



Akudo Ejelonu

Graduate Student, University of Pennsylvania

Akudo Ejelonu is a dual degree Master of Public Health and Master of Environmental Studies at the University of Pennsylvania School of Arts and Sciences and Perlman School of Medicine. Her graduate thesis uses quantitative data collection from surveys and qualitative data from photovoice interviews and photography as a way to describe the experiences of indigenous women and their relationship with pour flush latrines as an important engineering design to reduce diarrhea disease (re)-position their role in community and individual households.

www.linkedin.com/in/akudo-ejelonu-4918b0a



Beth Enright

Student, University of Wisconsin - Madison

Junior studying mechanical engineering and French at the University of Wisconsin – Madison. Project manager for EWB UW Madison’s water project in Lweza, Uganda.

www.ewbuw.org



Diana Farran

Student, Walla Walla University

I am a senior civil engineering student. I love learning about different cultures and people. My career goal is to become a construction manager.

<https://bksinfronteras.wordpress.com>



Catherine Flowers | Keynote Speaker

Executive Director and Founder, Alabama Center for Rural Enterprise (ACRE)

Catherine Coleman Flowers is the founder of the Alabama Center for Rural Enterprise Community Development Corporation (ACRE). She also serves as the Rural Development Manager for the Equal Justice Initiative and as Director of Environmental Justice and Civic Engagement for the Center for Earth Ethics at Union Theological Seminary. Flowers has a Master's degree in History and is a Practitioner in Residence at Duke University's Franklin Center for the Humanities. She was recently named to the board of the Climate

Reality Project and a member of the 2017 Grist 50 after being nominated by former vice president Al Gore.

<https://www.acrecdc.com>



Maria Franko

Student, Northeastern University

Maria is a 4th year student studying Civil and Environmental Engineering at Northeastern University. She was previously the Design Lead for Northeastern's Uganda Program, and now serves as President of EWB-USA NEU.

<http://www.ewb.neu.edu>



Philip Gunderson

Student, Northeastern University

I'm an environmental engineering student going into my third year at Northeastern. I love running, reading, and biking. Donut enthusiast.



Kevin Hagen

Engineering Service Corps Program Manager, Engineers Without Borders USA

Kevin has over 40 years of experience in engineering and engineering management. Humanitarian sector experience includes 12 years of volunteer service with EWB-USA. Projects have included roadway bridges, foot bridges, water systems, storm water, schools, earthquake response and energy. Current focus is on climate issues. Work has been in Central America, South America, Africa, and South Asia.

www.ewb-usa.org



Jen Hamvas

Structures Engineer, Pratt & Whitney

I am currently a Structures Engineer at Pratt & Whitney with experience working on various military programs. I've been a part of the Engineers Without Borders Hartford Professional Chapter for 2 years and have been the Secretary for about a year and a half. When I'm not at work or at an EWB event/meeting I also like to hike, run, and play tennis. If the weather is nice you can always find me somewhere outside!



Maia Heineck

Student, Milwaukee School of Engineering

I am currently the vice president of the Milwaukee School of Engineering (MSOE) EWB chapter. I have travelled to Guatemala twice so far, and I am currently helping with the formwork design for our current bridge project.



Lisa Helme

Volunteer Engagement Manager, Engineers Without Borders USA

Along with her personal and professional experience in fundraising, Lisa's colorful career includes over 15 years of event management and 10 years of technical recruiting.

www.ewb-usa.org



Wesley Hendrickson

Student, Walla Walla University

Born and raised country style! I grew up with a curiosity for the world around me. As of now, I am aspiring to be a part of the disaster relief engineering efforts.



Eric Humphrey

Geological Engineer, Self-Employed

I learned virtue from my family; geology from the mountains; engineering from my university; well-design from the oil industry; and I learned how to apply all of it with EWB-USA!



Bryan Hunt

Engineer in Training, Burns & McDonnell

Bryan Hunt graduated with a B.S. in Mechanical Engineering from Texas A&M University Corpus Christi and currently works as a Mechanical Engineer in the Global Water Group at Burns & McDonnell. He is passionate about engineering, water, and organizational leadership. Bryan's experiences include meritorious service in the U.S. Army, working abroad, and volunteer work in Tanzania. In his free time, Bryan enjoys songwriting, spending time with his wife, and traveling.

www.ewbkc.org



Lauren Itzen

Student, Milwaukee School of Engineering

I am a graduate student at the Milwaukee School of Engineering (MSOE) studying civil engineering with a structural specialty. I have been involved in my school's chapter of EWB-USA since I was a freshman and have held several leadership roles within the organization since then.



Marissa Jablonski

Engineering & Public Diplomacy Fellow, USAID

Dr. Marissa Jablonski is a development engineer and educator who collaborates and cooperates with transdisciplinary groups worldwide communicating across boundaries to help people gain access to education to meet their needs. Marissa is a 2017/18 AAAS Science & Technology Policy Fellow where she serves in USAID's Bureau of Democracy, Conflict, and Humanitarian Assistance in the Office of American Schools and Hospitals Abroad. She is also a mentor to the University of Wisconsin - Milwaukee Student Chapter of EWB-USA and serves as International Coordinator of ACCMARI, a Guatemalan-led and run NGO.

engineeringforpeople.org



Marty Janowitz

Vice President Sustainable Development, Stantec

Marty has been engaged in the work he calls 'bringing sustainability down to earth' for nearly 30 years in and beyond his adopted region of Nova Scotia, Canada (including ongoing work in his original home village of New York City and as distant as northern Russia and Latin America). He's served as executive director of an environmental NGO, president of the Nova Scotia Nature Trust, advisor, consultant, activist, policy maker and planner to public and private agencies and organizations of many types. Since 2011 he has been a pioneer in the merging sphere of sustainable urban-community design and infrastructure.



Julie Jones

Project Engineer, Nathan D. Maier Consulting Engineers, Inc.

Julie Jones has held regional roles for the South Central Region such as Arkansas State Representative, Vice President, President, and she currently serves as Texas State Representative and Treasurer of the region. She has been on many national committees and held various chapter roles, and is currently president of the North Texas Professional Chapter. She holds a Professional Engineer License in Texas, is a Nationally Certified Floodplain Manager, and she works at Nathan D Maier Consulting Engineers, Inc. in Dallas for the Water Resources Division.



Kristen Jones

Student, Kansas State University

I am a senior studying Civil/Environmental Engineering at Kansas State University. I have spent the last year or so working on projects based on sanitation and wastewater via EWB-USA, an undergraduate research position, and class projects – talk fecal sludge to me!



Libby Jones

Associate Professor, University of Nebraska - Lincoln

Associate Professor of Civil Engineering at the University of Nebraska – Lincoln. Boundary breaker!
civil.unl.edu



James Kennedy

Student, University of Wisconsin - Madison

Prepared to help minimize the effects of climate change after graduating this coming May. Focusing on energy storage in order to make renewable energy more reliable. They call me James in Guatemala; that's pronounced "Hommess."

www.linkedin.com/in/jim-k-8a66bb82



Jessica Kersey

Engineer, AECOM

Jess Kersey is a graduate of Virginia Tech with degrees in Chemical Engineering and International Studies. She is an active member on the Santa Clara, El Salvador project in the DC Professional Chapter. Ms. Kersey has a diverse engineering and international background which includes experience in energy efficiency, construction inspection and management, process engineering, reporting and communications, and monitoring and evaluation.



Natasha Koermer

Health Systems Analyst, MAXIMUS

Natasha T Koermer currently serves as the Student Representative on the EWB-USA Board of Directors even though she is now a member of the Northern Virginia Professionals Chapter. She cares a great deal about community-driven development efforts, open discussion on gastrointestinal health related to WASH, and dogs. Ask her about her favorite hashtag.

www.linkedin.com/in/nkoermer



Kartik Kulkarni

Principal Member of Technical Staff, Oracle Corporation

Kartik Kulkarni is an internationally recognized technologist known for his contributions and leadership in developing high performance computing systems to solve big-data management problems across multidisciplinary domains such as financial services, healthcare, e-governance, education, poverty alleviation, assistive technologies and security. He is representing IEEE's sustainable development activities arm that supports driving forward the vision of advancing technology for the benefit of humanity via nurturing a large network of volunteers who leverage technology solutions to local problems.

www.ieee.org/doing-good



Ray Larsen

EE Manager & Chair, IEEE Smart Village, SLAC National Accelerator Laboratory

Dedicated to 'Advancing Technology for Humanity' for IEEE by promoting sustainable scalable community development via IEEE Smart Village, local partnerships, and IEEE seed funding. Addressing the 17 UN Sustainable Development Goals (SDGs). 3 Core Pillars: Electricity, Education, Enterprise. Background: Project & Division Manager, Silicon Valley Entrepreneur & CEO. Co-Founded IEEE Smart Village (ISV) 2009. Current Chair of ISV. Acting Chair ISV Technology Committee.

www.ieee-smart-village.org



Denzil Leach

Student, Northeastern University

I'm a 3rd year Bioengineering student at Northeastern University. I've been a part of a travel team for my chapter's Honduras program, as well as serving as chapter treasurer. My interests outside of school and EWB-USA are mostly focused on music, and I have two bands that play around the Boston area.

www.ewb.neu.edu



Tina Lee

Associate Professor of Anthropology, University of Wisconsin - Stout

Tina Lee is an anthropologist conducting research on EWB-USA, how it impacts students, faculty, and communities, and how everyone thinks about ethics in the context of their work.

www.uwstout.edu/faculty/leetina



Cathy Leslie | Keynote Speaker

Executive Director, Engineering Without Borders USA

Cathy began her work in developing countries as a Peace Corps Volunteer in rural Nepal. During her station, she developed and implemented solutions that addressed drinking water and sanitation issues facing the community. In addition to her work in the international sustainable development field, Cathy has over 20 years experience overseeing both domestic and international corporate engineering projects. As the Executive Director of EWB-USA, Cathy bridges her skills and experience as a Professional Engineer with her commitment to the creation of sustainable and participatory solutions to rural community development projects. Cathy has served as Executive Director of EWB-USA since 2004.

www.ewb-usa.org



Chris Lombardo

Associate Director of Undergraduate Studies, Harvard School of Engineering and Applied Sciences

Dr. Lombardo is an Associate Director of Undergraduate Studies in the Harvard School of Engineering and Applied Sciences and Lecturer in Electrical Engineering. He has been actively involved in EWB-USA since 2004 in several chapters throughout the United States. During this time, he has worked on projects in Ecuador, Mexico, Cameroon, Panama, Peru, Dominican Republic, and Tanzania. Additionally, he has served in several regional and national leadership positions within EWB-USA, including organizing the Design Global, Engineer Local course hosted with ASCE/EWB-USA Global Engineering Conference, serving as the chair of the Faculty Leadership Committee, and is a member of the EWB-USA Board of Directors.



Hannah Mas

Student, Purdue University

Currently studying Aeronautical and Astronautical Engineering with a minor in Global Engineering Studies. I've taught English in Tanzania, studied Engineering Education in South India, studied the Global Perspectives on the Uses of Outer Space in Austria and Switzerland and interned for EWB in Guatemala.



Tim McGrath

Engineer, Retired

Nine years mentoring Northeastern University Uganda program. Retired after 43 years, mostly working with gravity flow pipe design.



John Merrill

Student, North Carolina State University

John is an undergraduate student at North Carolina State University (NCSU) where he is studying environmental engineering and serves as an International Project Lead for the EWB-USA NCSU Chapter. Upon graduation this spring, John plans to attend graduate school to study and research drinking water.

ewbnscsu.org



James (Jake) Mireles

Business Analyst / VR Developer, KBRwyle

Corporate coder by day, VR developer on the side, history degree on the wall. What I like most about being a part of EWB is how we make a profound difference in the lives of people who cannot pay us back. There is no transaction but friendship, no recompense but within the heart.

<https://www.Linkedin.com/in/JamesRMireles>



Sarah Moore

PhD Candidate, University of Arizona

Sarah is a PhD Candidate in the Department of Chemical and Environmental Engineering at the University of Arizona. She has been a member of the University of Arizona Student Chapter for eight years, where she has served in various positions, including secretary, vice president, and project lead. Sarah is currently serving as the secretary of the Mountain Region Steering Committee.



Kerry Muenchow

Student, Worcester Polytechnic Institute

Kerry Muenchow is a junior Chemical Engineering major at WPI. She has traveled to Guatemala and Ecuador to work on water projects as the Project Lead and President of the WPI chapter of EWB-USA.



Jonathan Mulligan

Structural Designer, Bechtel

In the 2+ years I have been with the EWB Northern Virginia Professional Chapter, I've represented the chapter as its President and Vice President, presented at regional and local conferences, and have lead the first completed water project in the US. It is an honor and a privilege to share what I've learned along the way, and my hope is that I can continue to inspire others in assisting communities here at home and abroad with facing their infrastructure issues.



Curt Nelson

Professor, Walla Walla University

Long-time professor dedicated to involving students in development projects worldwide.

<https://gab.wallawalla.edu/~curt.nelson>



Josh Newman

Student, University of Wisconsin - Madison

Electrical engineering student at UW-Madison. Works with the best engineering team on the planet on the Uganda project. Gemini.

<http://ewbuwmadison.weebly.com>



Bruce Nieman

Platform Manager, DTE Energy

Bruce Nieman has been a member of EWB since 2009. In that time, he has been a Responsible Engineer in Charge and a Project Lead on projects, as well as a State Chapter Representative for Michigan. He is also a mentor to the Northwestern and University of Illinois Urban Champaign Student Chapters and is currently the Professional Chapter Representative to the EWB-USA Board of Directors.



Carly Nylander

Student, Michigan State University

My name is Carly Nylander and I will be a 5th year Environmental Engineering student at Michigan State University. In addition to our implementation trip this summer in Tanzania, I was also a Water Practice intern in Dallas, Texas at an Engineering Consulting Firm called CP&Y. My passions include eating food, renewable energy, being in any body of water, speaking in monotone, the environment, and music. I hope to improve the world in these areas whether through formal education and my career or in my personal time!

<https://ewbmsutanzaniatravel2017.wordpress.com>



Mike Paddock

Senior Engineer, Engineers Without Borders USA

Professional engineer and surveyor with nearly 30 years of experience, including 13 years working with EWB-USA on water and bridge projects.

www.ewb-usa.org



Natalie Palmquist

Student, Auburn University

I am a full-time undergraduate student at Auburn University studying Civil Engineering with a minor in Philanthropy and Non-Profit Studies. In the future I hope to work full-time for an organization like EWB-USA that combines my love of people with my love engineering.

<https://wp.auburn.edu/ewb>, <http://nrpalmquist.weebly.com>



Paige Peters

Graduate Research Assistant, Marquette University

Paige has spent the last 10 years working in and traveling to three different countries with EWB-USA as both a student and professional mentor. She spends her non-EWB-USA time dedicated to being the best mentor possible through pursuit of her Ph.D. in Civil Engineering (water and wastewater treatment), running a wastewater treatment tech startup, and practicing her Spanish wherever possible.



Zayna Pieper

Student and Program Manager, University of Colorado - Boulder

Zayna wants to instill a sense of social responsibility and project confidence in our members through meaningful philanthropy. She is currently the program manager for the Rwandan team at CU and is working to obtain an Engineering Plus Degree with a focus on mechanical engineering and a concentration of engineering management. She loves to meet people so please go say hello.

<https://www.linkedin.com/in/zayna-pieper-engineer/>



Mac Prather

Engineer, Black & Veatch

Mac Prather currently works as an engineer in Kansas City, MO. Mac's involvement with EWB-USA began in 2010 and has included student and professional chapter leadership, projects with CECorps and ESC, and EWB-USA. Mac cares about breaking down barriers to meaningful work, leading values-based organizations, and starting conversations.

www.macprather.info



Diego Ramirez Cobo

President, ACCMARI

Diego Ramirez Cobo is an Ixil Mayan from Nebaj, Guatemala. Since the war, Mr. Ramirez has become a mason and in 2009 founded and now leads a local association, ACCMARI (La Asociacion de Comites Comunitarios Medio Ambiental de la Region Ixil), which unites communities throughout Guatemala in order that they gain a voice in obtaining support to meet their infrastructure needs. ACCMARI now has 54+ villages that meet regularly in order to cut competition for projects and instead grow collaboration, cooperation, and communication between communities.

accmari.weebly.com



Robert Read

Found, Public Inventor, Skylight Digital

Rob is the founder of Public Invention, a former Presidential Innovation Fellow, Chief Scientist at Skylight Digital, and a principle of a couple of other businesses. Primarily a computer scientist, he is building an radical research robot. He also speaks Esperanto fluently.

<https://pubinv.github.io/PublInv/>



Tom Rebbecchi

Materials & Processes Engineer, Pratt & Whitney

Tom Rebbecchi has been a volunteer with EWB-USA for 5 years; during this time, he has worked on a water project in Panama (RPI Student Chapter) and a water project in Nepal (Hartford Professional Chapter). He is currently the Project Lead for the Hartford Professional Chapter's Ecuador water project.



Ashley Robbins

Process Development Engineer, Lubrizol Advanced Materials

Ashley is a recent chemical engineering graduate of the University of Toledo where she was actively involved in their EWB chapter and is now working for Lubrizol while actively involved in the Northeast Ohio Professional Chapter.

Ashley loves to travel and loves watching Cleveland sports!



McKenna Roberts

Student, Harvard University

I am the project lead for the Los Sanchez Water Distribution Project for the Harvard Chapter of EWB-USA. I am majoring in Biomedical Engineering with a minor in Global Health and Health Policy.

harvardewb.org



Edrulfo Rodriguez

Nicaragua Country Manager, Engineers Without Borders USA

Edrulfo has 10 years of experience doing rural development in northern Nicaragua. He has been leading the EWB-USA country office for two years, and has been involved in developing the country strategy to be implemented in the following years.

www.ewb-usa.org



Dan Royal

Water and Wastewater Engineer, Hubbell, Roth, and Clark, Inc.

Dan Royal has been an active member of the Detroit Professional Chapter of Engineers Without Borders USA for over five years. Currently, Dan is the State Chapter Rep for Michigan.

ewb-detroit.org



Megan Royal

Hydraulic Engineer, U.S. Army Corps of Engineers

Megan Royal has been an active member of the Detroit Professional Chapter of Engineers Without Borders USA for over five years. Currently, Megan serves as the project lead for a drinking water project in Laguna de Apoyo, Nicaragua.

ewb-detroit.org



David Sacco

TPA Design Group

Yale University Chapter Mentor. Let's face it, I'd rather be on an EWB-USA trip than at an EWB-USA conference. But in the interest of getting back to more and better field work and helping other members do the same, I offer what I can of my experience (Peace Corps, UN Volunteer, four EWB-USA projects, NGO work and 20+ years of civil engineering), for what you may make of it.



Paul Schmitz | Keynote Speaker

CEO, Leading Inside Out

Paul Schmitz is the CEO of Leading Inside Out, which advances strategies that develop authentic, inclusive, and collaborative leadership; engages community members as partners in solving community problems; and help diverse leaders and groups achieve greater impact together. Paul also serves as Senior Advisor to The Collective Impact Forum, a partnership of FSG and The Aspen Institute Forum for Community Solutions, and the first Innovation Fellow at Georgetown University's Beek Center for Social Innovation and Impact. An honors graduate of the University of Wisconsin – Milwaukee, Paul received their Graduate of the Last Decade Alumni award. HE has also been recognized by The Rockefeller Foundation as a Next Generation Leadership Fellow, by the *Nonprofit Times* three separate years as one of the 50 most influential nonprofit leaders in America, and by *Fast Company Magazine* with their Social Capitalist Award for innovation.



Dhara Shah

Member of JustDesign



Josh Shefner

Student, Milwaukee School of Engineering

Civil-Structural Engineering student interested in global development. I can also play chess in my head.



Annie Smith

Volunteer and Communications Coordinator, Engineers Without Borders USA

Ms. Smith earned an MA in International Development from the University of Denver, and enjoys working with volunteers so that they can reach their maximum potential. She is passionate about bringing creativity and cultural awareness into development, and is inspired by EWB-USA's volunteers every day.

www.ewb-usa.org



Eva Sofge

Student, University of Cincinnati

I am a second year Environmental Engineering student thrilled to be working on water projects in Tanzania with the EWB-UC chapter. I am passionate about current environmental challenges that face humanity and am looking for a co-op spring semester 2018. Contact me at sofgeea@mail.uc.edu.



Trenton Sorenson

Student, Virginia Tech

Trenton Sorenson is a Junior at Virginia Tech working on a degree in Physics and Mathematics with an Education focus. He is the lead of the Uganda Solar project at the Virginia Polytechnic chapter of Engineers Without Borders USA, and a member of the summer 2017 travel team that installed a 2400W Photo Voltaic system in Villa Maria, Uganda. He enjoys teaching and discussing physics and long walks on the beach, and if both can be done simultaneously he has truly found his happy place.

www.linkedin.com/in/trenton-sorenson



Doug Stahl

Professor, Milwaukee School of Engineering

Doug is faculty advisor to the EWB-USA chapter at MSOE, and has been helping to coordinate work by chapters in the Joyabaj cluster since 2011.

www.ewb-msoe.org



Ghadi Tayeh

Permaculture Designer, Graduate Research and Teaching Assistant, Center for Clean Energy Engineering at University of Connecticut

Ghadi Tayeh is a motivated Permaculture Designer, Environmental Engineer-in-Training (EIT) and Envision Sustainability Professional (ENV SP) specializing in environmental soil and aquatic chemistry. He has extensive experience with environmental remediation and is pursuing a graduate degree in Environmental Engineering at the University of Connecticut, where he founded the Perennial Project, UConn's first permaculture design and demonstration project. As Treasurer of Engineers Without Borders Hartford Professional Chapter, he has a deep interest in humanitarian engineering, sustainable agriculture and rural development and recently conducted WASH Education and Environmental Impact Assessments in Sabhung, Nepal.



Jessica Taylor

Student, Cal Poly, San Luis Obispo

Jessica is completing her final year at Cal Poly, San Luis Obispo (SLO) with her BS in Environmental Engineering and a minor in Science, Technology and Society. This past May, Jessica represented EWB and the UN Major Group for Children and Youth at the UN Multi-stakeholder Forum on Science, Technology and Innovation for SDGs. Jessica is honored to be serving as the president of the EWB Cal Poly SLO Student Chapter and has worked on water supply projects with developing communities in Thailand and Navajo Nation.



Joby Taylor | Keynote Speaker

Director, Shriver Peaceworker Fellows Program

Joby Taylor is Director of the Shriver Peaceworker Fellows Program, a graduate level service-learning program located at The Shriver Center, University of Maryland Baltimore County. Through this position, Joby has supported RPCVs from over 60 Peace Corps countries of service, advising them as they earn graduate degrees in over a dozen disciplines and engaging them in service leadership positions with over 50 community organizations in the Baltimore region. Joby is a regular member of the University of Maryland Graduate Faculty with an affiliate faculty appointment in UMBC's Language, Literacy, & Culture Ph.D. Program where he teaches courses and advises internships and research for doctoral-level students.



Zach Tichelaar

Student, University of Wisconsin - Madison

Passionate about making the world a smaller place by connecting with people across the globe.



Nicole Trenchard

Student, Harvard University

Nicole is a mechanical engineering student at Harvard University and a proud project lead for the Mkutani School Project. She is a D1 Track and Field athlete, book nerd, and peanut butter enthusiast.

www.theharvardewb.org



Erin Tumulty

Student, Virginia Tech

Erin is a sophomore at Virginia Tech studying Engineering Science and Mechanics. She lived in Idaho until moving to the DC area and then later to Blacksburg for college. She loves Hokie football, her dog, and kitkats.



Nikki van den Heever

Student, University of Colorado at Boulder

Nikki is passionate about international development and humanitarian aid, and she has been fortunate to be able to spend most of her past summers working in East Africa both with EWB-USA and the company she works for, Kimetrica. She is currently pursuing her masters in Engineering for Developing Communities and she is very interested in humanitarian photography. In addition to her work and school, she loves spending time in the Colorado mountains hiking and camping with her family and friends.

www.kimetrica.com



William Vásquez

Associate Professor of Economics, Fairfield University

I am an economist interested in development and environmental issues. I studies economic and social impediments to extend public services to the poor. A fair share of my research agenda is on nonmarket valuation of public services (e.g. drinking water and sanitation) and natural resources (e.g. rivers and forests).



Laura Walker

Student, Hope College

Laura is a senior mechanical engineering student at Hope College. She has been a part of the Engineers Without Borders USA chapter at Hope for the last 3 years; last year as fundraising chair and this year as president.



Walt Walker

Project Manager / Environmental Engineer, Greeley and Hansen / JustDesign Cooperative

Walt Walker, PE is a Project Manager at Greeley & Hansen in New York, NY. He has more than 9 years of experience in environmental engineering. Walt is responsible for design of water, wastewater, and solid waste facilities and infrastructure; construction management; resiliency planning; hydraulic analyses; sewer capacity studies; geographical information systems (GIS) mapping; and environmental protection permitting. Walt was formerly president of the EWB-USA Philadelphia Professional Chapter from 2008-2009 and 2012-2016, and has been an active EWB-USA volunteer since 2006.

<https://www.linkedin.com/in/waltwalker/>



Nicole Weise

Student, Milwaukee School of Engineering

I am the treasurer of the MSOE-EWB chapter and a sophomore mechanical engineering student at MSOE. I traveled to Temal, Guatemala where I built a cable-suspension bridge, learned how to shower with a bucket, and taped someone's finger back on.

www.ewb-msoe.org



Kelsey Welch

Student, Purdue University

Structural engineering is my profession and international development is my passion. Between my undergraduate and graduate studies I took a gap year to work as a fellow for Engineers Without Borders USA and Bridges to Prosperity in Guatemala and Panama. I love sharing my story and encouraging others to make a difference in the world.



David Westfallen

Student, University of Wisconsin - Milwaukee

David is currently a student in his fourth year of Civil Engineering at the University of Wisconsin – Milwaukee. He has been involved in Engineers Without Borders USA since Spring 2016 and is currently a co-design lead for a water distribution system project in the Quiche region of Guatemala.



Jaclyn Wilmot

Director of Volunteer Engagement, Engineers Without Borders USA

Jaclyn has 15 years of experience leading volunteer programs for premier non profit organizations in Colorado. Along with the Volunteer Engagement Team, Jaclyn enjoys engaging, equipping, and cultivating volunteers who drive the mission of EWB-USA.

www.ewb-usa.org



Ann-Perry Witmer

Advisor, EWB-UIUC; Professor, University of Illinois at Urbana-Champaign

Ann teaches international engineering and introductory electives, and also advises the University's EWB chapter. In her spare time, she's directing a research group on contextual international engineering while completing her own PhD, and she dabbles in a variety of service organizations, including Akelos, International Rural Water Association, and University YMCA.

<https://www.akeloswater.org>



Louis Woofenden

Engineering Director, Net Zero Solar

I'm a renewable energy professional from Tucson, Arizona, where I've been involved in virtually every aspect of renewable energy business, including design, installation, and project management of residential and commercial solar electric systems. I've been an EWB-USA member since 2010. I mentor two energy-related projects with the Georgia Tech Student Chapter, serve as chair of the EWB-USA Energy Standing Content Committee, and am an EWB-USA ICP reviewer. I also mentor the University of Arizona Student Chapter.

www.netzerosolar.net



Samuel Yarnall

Student, University of Cincinnati

I am a sophomore in Aerospace Engineering at the University of Cincinnati. I am the co-chair of the Burere committee.



Duane "Chili" Yazzie | Keynote Speaker

President of Shiprock Chapter, Navajo Nation

Duane "Chili" Yazzie has served the people of Shiprock and the Navajo Nation in various capacities for 42 years, currently serving as the President of the Shiprock Chapter, a subunit of the Navajo Nation. He served on the New Mexico Human Rights Commission and the Navajo Nation Human Rights Commission. He has been an activist all his adult life with concern for the civil and human rights of people, climate change, an advocate for sustainability, environmental justice and the future of our grandchildren. Recently he has been a voice for the devastated farmers and communities along the Animas and San Juan Rivers that was inundated with 3 million gallons of mine wastewater containing heavy metals including lead, arsenic and mercury. This environmental catastrophe happened in August 2015 with the Gold King Mine Spill in southern Colorado.



Alice Zhao

Researcher, New York University

Alice Zhao is a postdoctoral research associate in proteomics at New York University and works with the EWB-USA Greater Austin Chapter. She enjoys hiking and camping in the open hill country as well as exploring the concrete jungle and melting pot of the big apple.

<http://ewbgreataustin.org>



Anna Zuercher

Student, Kansas State University

I am a senior in architectural engineering and have been a part of EWB-USA for two years. I can't wait to meet everyone in Milwaukee for Building Futures!

www.engg.ksu.edu/ewb