

OCTOBER 04, 2024

AZ HSI SUMMIT

Northern Arizona University High Country Conference Center

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WELCOME



Welcome to the 3rd Annual AZ HSI Summit at Northern Arizona University. We have an exciting day of learning, connecting, and community and capacity building for all attendees. In the following pages, you will find information such as the agenda, breakout sessions, and much more.

Feel free to tag use the hashtag #AZHSISummit24 in any pictures or videos that you upload for a highlight on our stories!

If you have any questions or concerns, please feel free to reach out to azhsiconsortium@gmail.com.











ABOUT THE CONSORTIUM

Launched in 2021, the AZ HSI Consortium seeks to strengthen the individual and collective capacity of Arizona HSIs to intentionally support conditions necessary for Latinx student success in Arizona. The AZ HSI Consortium aims to bring together all HSIs across Arizona to develop a community of practice to engage collectively in professional development, support the exchange of evidence-based and culturally relevant practices, facilitate successful transfer of Latinx students to Arizona universities, and collaborate across HSIs when seeking funding opportunities and other important partnerships.

Interested in staying in touch? Join our listserv and follow the AZ HSI Consortium social media. All can be found on our website.











8:30 am - 9:00 am	Check-in/Continental Breakfast High Country Conference Center Entrance Lobby
9:00 am - 9:05 am	 AZ HSI Consortium Co-Founders Welcome Dr. Marla Franco, Vice President, HSI Initiatives, University of Arizona Dr. Rey Rivera, President, Estrella Mountain Community College
	Peaks Ballroom
9:05 am - 9:25 am	Welcome - President José Luis Cruz Rivera, NAU Peaks Ballroom
9:25 am - 10:25 am	Student Panel Peaks Ballroom
10:25 am - 10:35 am	Transition to Breakouts
10:35 am - 11:35 am	Breakout Session I Location Varies
11:35 am - 11:45 am	Transition to Lunch
11:45 am - 12:25 pm	Lunch Peaks Ballroom
12:30 pm - 1:30 pm	Breakout Session II Location Varies
1:30 pm - 1:40 pm	Transition to Breakouts
1:40 pm - 2:40 pm	Breakout Session III Location Varies
2:40 pm - 2:50 pm	Transition to Closing
2:50 pm - 3:00 pm	Closing Remarks Peaks Ballroom



Breakout Session I - 10:35 AM - 11:35 AM

Advancing 21st Century Science Education at Arizona Western College

Presenters:

Scott Donnelly, Professor of Chemistry, Arizona Western College

Location: 1899 - Bright Angel

Students in general do not lack interest in science. Rather, they lack interest in science courses that overwhelmingly emphasize memorization of facts (which are soon forgotten) and theoretical concepts and focus very little on practical application. This interactive STEM-related workshop session focuses on active learning/higher engagement (ALHE) classroom activities and labs recently developed that focus on the practical application of scientific concepts to combat food fraud. In this interactive STEM-related workshop attendees will engage in a couple activities -developed for general and/or organic chemistry - utilizing Jigsaw and Think-Pair-Share ALHE teaching strategies. Attendees also will use portable analytical instruments to deduce if a sample of commercial honey has been adulterated with cheaper ingredients.

Building Programs For Undocumented Youth

Presenters: Jose Luis Perez Sanchez, Education Justice Coordinator, Scholarships A-Z

Location: Drury - Kendrick

ScholarshipsA-Z shares an overview of the Educators Toolkit—a toolkit created for institutions and organizations to create their own programs— and some of the resources that ScholarshpsA-Z has in their website for educators to succeed when supporting UndocuYouth. Educators will be asked to use the knowledge shared with them throughout the workshop in order to apply it in their institutions by creating a program to support UndocuYouth. Educators will be divided into groups, and will work with other educators to create a roadmap of what their program will look like, to later on share it with everyone else.

At the Borderlands of First-generation and Latine

Presenters:

T. Mark Montoya, Associate Dean for Curriculum and Student Affairs, College of Social and Behavioral Sciences, Northern Arizona University

Location: Drury - McMillan

This session will draw attention to the academic border-crossing experiences of first-generation college students and the many intersections that inform their journeys. With a specific focus on Latine identities, we will first address the range of various labels, and the histories of these terms. Likewise, we will engage in dialogue around self-identification, our journeys, our struggles, and the claims we make both personally and professionally. The goal is to discuss what we as first-generation advocates can do to guide these journeys.



Breakout Session I - 10:35 AM - 11:35 AM

Faculty/Staff Servingness Identity Development Toward HSI Consciousness

Presenters:

Cynthia D. Villarreal, Assistant Professor of Educational Leadership, Northern Arizona University Gerald K. Wood, Associate Professor of Educational Foundations, Northern Arizona University Claudia R. Rodas, HSI Advisor and Associate Teaching Professor, Northern Arizona University Heather Lindfors-Navarro, Assistant Professor of Mathematics Education, Northern Arizona University Alma Montemayor Sandigo, Associate Teaching Professor of Education Specialties, Northern Arizona University Laura M. Rodriguez, Doctoral Candidate, Northern Arizona University Carmen X. Arciniega, Teacher, Early Learning and Development Center, Northern Arizona University

Location: High Country Conference Center - Doyle

As the university/ college considers its developing consciousness as an HSI, it must first prioritize focusing on its institutional identity and developing the consciousness of its Latine students. The NAU College of Education Task Force began by listening to the experiences of Latine students to understand the range of experiences they had had as Latine students- on the Mountain Campus, Yuma, and statewide – recognizing these experiences were fundamentally different. Research suggests that institutions cannot create an HSI identity without recognizing the unique aspects of its multiple campuses. We build on this work by emphasizing the need for HSIs to recognize and develop individual and collective servingness identities to inform structural and cultural changes.

Financial Wellness Presents: What the Bucks?!?!?!

Presenters:

Alexei Marquez, Assistant Director, Education and Initiatives, University of Arizona/Thrive Center Pascual Vasquez, Financial Wellness Peer Educator, University of Arizona/Thrive Center

Location: Drury - O'Leary

Financial Wellness Bucks (\$FWB) are part of a dual-purpose initiative at the University of Arizona, aimed at promoting active student participation in Financial Wellness Teach and Shares and fostering responsible budgeting habits. Through this incentive structure, the Financial Wellness team is able to better understand the needs and wants of our student participants. This dynamic tool has increased engagement of students to traditionally mundane financial education, instill budgeting skills, and provide valuable insights into their financial decision-making and financial personalities. The program benefits individual students by producing a more informed and financially savvy student body, promoting a culture of responsible financial management.



Breakout Session I - 10:35 AM - 11:35 AM

Juntos Podemos: Fostering Communities of Care for Latinx Student Success

Presenters:

Dominique V. Calza, Director, Adalberto & Ana Guerrero Student Center, University of Arizona Indira Arce, Assistant Director, Adalberto & Ana Guerrero Student Center, University of Arizona Lucero Ramirez, Coordinator, Adalberto & Ana Guerrero Student Center, University of Arizona

Location: High Country Conference Center - Rees

Join the Adalberto & Ana Guerrero Student Center (GSC) at the University of Arizona, as we delve into the pivotal role of community connections in enhancing Latinx student outcomes within Hispanic Serving Institutions (HSIs). Highlighting programming offered by GSC as a Latinx Cultural & Resource Center on the University's campus, this workshop emphasizes building robust support systems through meaningful relationships with peer networks, Latinx faculty and staff, and Latinx alumni. Participants will gain practical insights into nurturing peer networks, leveraging faculty mentorship, and engaging Hispanic alumni for career development. Explore strategies to foster communities of care and empower Latinx students academically and beyond.

USDA-NIFA Hispanic-Serving Institutions Education Grants Program (HSI)

Presenters:

Dr. Irma Lawrence, National Program Leader, USDA-NIFA, Institute of Youth, Family, and Community, Division of Community and Education

Roberto Gonzalez Jr., USDA Liaison, USDA-OPPE

Location: 1899 - Clear Creek Room

The United States Department of Agriculture (USDA), National Institute of Food and Agriculture (NIFA), HSI Education Grants Program is USDA's flagship competitive grant for Hispanic-Serving Institutions (HSI), which is intended to promote and strengthen the ability of HSI to carry out higher education programs in the food, agriculture, natural resources, and human sciences, and other STEM-related fields, in the professional, scientific/research, and technical workforce. The session will cover the purpose and priorities of the grants program, eligibility information, the grant types supported, application details and project narrative, the evaluation process, and resources for preparing an application.

AZ HSI Consortium Funding and Engagement Opportunities

Presenters:

Mara Nohemi Lopez, Ed.D., HSI Research Center Director, University of Arizona

Location: Campus Living Conference Room

Join the AZ HSI Consortium for a session to learn about current funding and engagement opportunities. The presenter will discuss the GATE Funding Opportunities and touch on an upcoming project the Book Club Platica. Bring your questions and engage in a discussion!



Breakout Session II - 12:30 PM - 1:30 PM

Normalizing Community Service within the Frames of Servingness

Presenters:

Alma Montemayor-Sándigo, Associate Teaching Professor, NAU - Yuma Claudia Alvarez, Elementary Teacher; BEST Graduate Student, NAU - Yuma Yoecelyn Walle, Elementary Teacher; BEST Graduate Student, NAU - Yuma Pilar Perez, Elementary Teacher; BEST Graduate Student, NAU - Yuma Juan Bosco Sandigo, Special Education Teacher and NAU-Yuma Alumni Dr. Patricia Peterson, Principal Investigator, BEST Grant

Location: High Country Conference Center - Rees

Community service develops civic skills and gives access to scholarships and recognition. Yet, Latinos have the lowest rate of voluntarism among ethnic groups. This workshop questions traditional definitions and structures of community service and suggests a comprehensive one founded on servingness, which minimizes Latino students' challenges and maximizes their strengths (Garcia, 2019). Presenters will share their experience leading Parent Institutes in Title-One schools in Yuma to exemplify how community service and be structured in HSIs. Participants will leave with collective ideas on developing relevant community service with servingness as a frame. They will also have access to all materials BEST students have created for the Yuma Parent Institutes discussed in the presentation.

Leveraging Cultural Community Wealth for Men of Color Success

Presenters: Pedro Gonzalez M.Ed., College Success Coach, Pima Community College

Location: Drury - McMillan

Research is clear about the challenges men of color face in higher education. Using a 2021 article published by the Pullias Center for Higher Education (University of Southern California), the session will discuss the opportunities and challenges of operating a program focused on men of color's success, retention and completion in higher education.

STAR Lab: Empowering Tomorrow's Scholars with an Authentic Research Experience

Presenters:

Cindy Bujanda, Manager of High School Programs, Director of STAR Lab, SARSEF

Location: Drury - Kendrick

STAR Lab, a collaboration between SARSEF and UArizona, offers high school students authentic research opportunities. Open to all Arizona students, the program provides remote and in-person mentoring across diverse scientific fields. Utilizing a scaffolded approach, undergraduate facilitators guide small cohorts weekly, enhancing critical thinking and scientific communication skills while fostering a sense of belonging in STEM. Undergraduates earn UArizona credit and undergo weekly training sessions to ensure effective mentorship. Each student is paired with a mentor in their field of interest, promoting agency and scientific thinking. Notably, STAR Lab provides vital STEM exposure, with over half of participants new to STEM, half from Title I schools, and nearly half underrepresented in STEM.



Breakout Session II - 12:30 PM - 1:30 PM

Building Undergraduate Research Capacity at a 2-year HSI

Presenters:

Dr. Saroj Chirravuri, Faculty, Science Academic Coordinator, Math and Science Department, GateWay Community College

Dr. Jennifer Foltz-Sweat, Faculty, Math and Science Department, GateWay Community College

Location: 1899 - Bright Angel

GateWay Community College, a 2-year HSI, is making concerted efforts to build capacity to offer Course-Based Undergraduate Research Experiences (CUREs) to students. Current CUREs at GWCC offer students authentic STEM research projects around Bees, Bats and Bacteria and will expand to Bacteriophage isolation and Bioinformatics soon. Enrollment outreach includes promotional videos with Latinx student testimonials, and marketing material dissemination through student groups and DEI forums. Faculty outreach includes the BRIDGE academy workshops, ALRISE Alliance meetings and Communities of Practice, which expose instructors to inclusive practices and culturally responsive pedagogy while expanding the cohort of faculty offering equitable CUREs. Data collection, assessment and tracking are the final wraparound facets to validating and sustaining the efforts.

Building and Measuring STEM Sense of Belonging Through Cultural Responsiveness

Presenters:

Judy Marquez Kiyama, Professor, Higher Education, University of Arizona Kimberly Sierra, Director, Undergraduate Research & Inquiry Collaborative, University of Arizona Andrea Palacio, Coordinator, Societal Impact Groups CREAR, University of Arizona Christopher Oka, Manager, Societal Impact Groups, CREAR, University of Arizona

Location: Drury - O'Leary

This session will provide examples of how sense of belonging is cultivated and measured across multiple initiatives within a Title III effort, Project Culturally Responsive Engagement, Articulation, and Research (CREAR). Project CREAR takes a comprehensive approach to the overarching goal of increasing first-time, low-income, and transfer Latinx students in STEM, through the evidence-based strategies. This session will demonstrate culturally responsive approaches including, STEM Learning Communities, the Culturally Responsive Curriculum Development Institute, and Course-Based Undergraduate Research Experiences (CURES). Data has suggested that all are effective in cultivating a sense of belonging for Latinx students through a variety of measures that reliably measured and compared the sense of belonging, self-efficacy, and identity development in students.

Fostering College Success through Testimonios and Family College Knowing Workshops

Presenters:

Cindy Trejo, Title V Director, Project Outreach FAMILIA, University of Arizona Lupe Gómez Waitherwerch, Manager, Outreach of Project Outreach FAMILIA, University of Arizona Gisela Cardenas, Coordinator, Outreach & Training, University of Arizona

Location: High Country Conference Center - Doyle

Explore testimonios' impact on high school families' sense of belonging and college success with Project Outreach FAMILIA's enhanced College Academy for Parents (CAP), a University of Arizona Excelencia What Works program. Join our mock CAP workshop and discussion on our evidence-based approach, designed for elementary parents and now extended to high school families through local school partnerships. Focusing on first-gen college-bound students, we foster meaningful discussions with families about the college process, requirements, financing, and creating a supportive home culture.



Breakout Session II - 12:30 PM - 1:30 PM

Living Ethnic Studies: Liberation as a Praxis in Becoming an HSIs

Presenters:

Candi Cipactli Corral, Ph.D., Assistant Teaching Professor, Northern Arizona University Pedro Cuevas, Ph.D., Assistant Teaching Professor, Northern Arizona University Gerald Wood, Ph.D., Associate Professor, Northern Arizona University

Location: 1899 - Clear Creek

This workshop will emphasize the central role Ethnic Studies programs and departments need to play in the strengthening of an HSI consciousness by providing our evidence-based approaches as a way to engage in cultural storytelling to reclaim ancestral knowledge. Centering lived experiences are foundational to creating new epistemic claims by BIPOC communities. The final part of the workshop considers the ways in which Ethnic Studies offers a liberatory praxis and these practices can permeate broader institutional practices across disciplines.

All Hands on Deck

Moderator: Dr. Rey Rivera, President, Estrella Mountain Community College

Panelists:

Paula Livingston, Ed.D., Vice President Academic Affairs at Estrella Mountain Community College Meha Trivedi, Computer Science and Al Residential Faculty Sharon Stefan, Math Residential Faculty and STEM Center of Excellence Director William F. Sensakovic, PhD, DABR, MRSE (MRSCTM), FAAPM, Chair, MCA Division of Medical Physics, Consultant, Associate Professor of Medical Physics, Mayo Clinic

Location: Campus Living Conference Room

Join this session to learn more about how Estrella Mountain Community College collaborated with local businesses to launch the first 2-year Artificial Intelligence and Machine Learning in the country. You will be able to hear the perspectives from students, faculty, administration and industry on critical elements to success, needs to be addressed and relationships that were formed. You will also hear directly from students who have engaged in the program, conducted research and completed internships and hear more about their experiences. Industry partners will share from their perspective the value of work with community colleges and Hispanic Serving Institutions in these emerging and cutting-edge technologies. Lastly, you will be able to hear more about lessons learned since launching the program and plans for the future.



Breakout Session III - 1:40 PM - 2:40 PM

Community-Based Undergraduate Research and Leadership Development for Immigrant Youth Equity

Presenters:

Leah Mundell, Associate Teaching Professor, Department of Anthropology and Sustainable Communities Program, NAU Roxana Cardiel, MA Candidate and Organizer, Northern Arizona University, Northern Arizona Interfaith Council Alivia Robbins, Student researcher, Northern Arizona University Juan Morales, Student researcher, Northern Arizona University

Location: High Country Conference Center - Rees

This session introduces the work of NAU's Immigrant Youth Equity research pod, part of the Community and University Public Inquiry program. The research group collaborates with Northern Arizona Interfaith Council, a nonpartisan, nonprofit, broad-based organization that supports schools in building leadership among immigrant families, working alongside principals, teachers, and high school students to make schools more inclusive and equitable. In this session, recent student participants will share their experience doing research that draws on their own background and serves local Hispanic communities. Community members will provide their own perspectives on university collaboration and school-based organizing. Workshop participants will learn the resources and structures needed to make community engagement and collaborative research successful.

Developing a Symposium for Showcasing Student Learning

Presenters:

Aimee Quinn, NAU-Yuma Campus Librarian, NAU - Yuma Kitchka Petrova, Assistant Teaching Professor, NAU - Yuma Jessie Lundin, Assistant Teaching Professor, NAU Alma Montemayor-Sándigo, Associate Teaching Professor, NAU - Yuma Monica Beals, Assistant Teaching Professor, NAU - Yuma

Location: 1899 - Clear Creek

How to interest students in the research process including presentation skills. Attendees will learn how to develop their own symposium from planning to implementation including a checklist of how to get sponsors, stakeholders, reviewers, and much more.

Innovations in Addressing the Social Determinants of Academic Success

Presenters: Roberto Villegas-Gold, Department Chair, Counseling, Phoenix College Kaylin Shady, Single Stop Coordinator, Phoenix College Joanna Torres Perez, HOPE Program Coordinator, Phoenix College

Location: High Country Conference Center - Doyle

Community colleges frequently hold equity-based missions and values of open access to serve students who are low-income, nontraditional, first-generation, and racial/ethnic minorities. Supporting basic needs on campus has become a crucial priority for addressing student success, retention, and completion. Phoenix College has adopted a new access agenda that is embedded in communities, and brings together community organizations and on- and off-campus student services. This presentation presents PC's efforts to intentionally build support systems across campus, fostering student well-being and basic need access while improving academic outcomes for Latinx students. We introduce recent basic needs initiatives at PC and share insights about innovative strategies in the areas of housing, technology, and benefits assistance.



Breakout Session III - 1:40 PM - 2:40 PM

Hispanic/Latine Leadership Programming: Lo Bueno y Lo Malo

Presenters:

Nancy Navarro, Program Manager, Northern Arizona University Vidal Medoza, Assistant Director, Northern Arizona University

Location: Drury- Kendrick Room

It's not always easy to create and execute programming for our Hispanic/Latine Leaders. Come share with us about events that work, events that didn't work, how we can address the challenges we faced and share best practices moving forward. Let's chat about how to provide the best programming for our students.

AZ HSI Consortium: Evidence-Based Practices Nomination Process

Presenters:

Karla Silva, PhD, Director, Hispanic Serving Institution Initiatives, University of Arizona Paulette Nevarez, Graduate Assistant, AZ HSI Consortium Jenni Batchelder, PhD, Director for Arizona's Science, Engineering, and Math Scholars (ASEMS) Program, University of

Jenni Batchelder, PhD, Director tor Arizona's Science, Engineering, and Math Scholars (ASEMS) Program, University of Arizona

Donna Lopez Martinez, Student Services Director, Maricopa Community Colleges

Location: Campus Living Conference Room

The AZ HSI Consortium sought to create a community-informed process to identify, review, catalogue, highlight, and share evidence-based practices within an HSI context known to effectively move the needle towards greater college access, persistence, retention, transfer, and degree attainment for Latinx students in Arizona. In documenting and promoting evidence-based practices we seek to: (1) create a process for determining "what works" for Arizona HSIs, (2) inform education and community leaders on practices that optimize Latinx college student success, (3) highlight and amplify practices producing positive student outcomes within culturally validating environments, and (4) illuminate continued gaps and opportunities for advocacy and investment.

Empowering Tomorrow's Healthcare Professionals: Exploring FRONTERA Summer Internship Impact

Presenters:

Alejandra Zapien Hidalgo, Director, FRONTERA Summer Internship, UAHS- OEDI

Location: 1899 - Bright Angel

Join us for an engaging session as we delve into the transformative journey of the FRONTERA Summer Internship Program. Discover firsthand experiences, success stories, and the profound impact this program has on shaping the future of healthcare professionals. Gain insights into innovative approaches, challenges encountered, and lessons learned, paving the way for effective workforce development in healthcare. Whether you're an educator, student, or healthcare professional, this session promises to inspire, inform, and ignite discussions on empowering the next generation of healthcare leaders.



Breakout Session III - 1:40 PM - 2:40 PM

Elevating Latine Success: Differentiated Coaching as a Form of Servingness

Presenters:

Roberto Montoya, Associate Vice President - Hispanic Serving Institutions, InsideTrack Wakashan West, Associate Vice President - Partner Success, InsideTrack

Location: Drury - McMillan

This session will explore how tailored coaching strategies can drive student success and embody the concept of 'servingness' in Hispanic Serving Institutions (HSIs). As HSIs strive to meet the needs of growing Latine learner populations, this session will focus on how differentiated coaching—personalized, culturally relevant, and responsive to the unique challenges Latine learners face—can be a pivotal tool in closing equity gaps and fostering a deeper sense of belonging. Participants will learn about the intersection of coaching and servingness, hear case studies from institutions that have successfully implemented differentiated coaching models, and engage in discussions on best practices. We will also explore how these coaching approaches contribute to the overall institutionalization of servingness, ensuing long-term, sustainable impact on student success. This session is designed for educators, administrators, and student support professionals who are committed to transforming their institutional practices to better serve their Latine learners.

Undergraduate Research at Estrella Mountain Community College with Mayo Clinic on Creating Patient-specific Models for Fluoroscopy Skin Dose Estimation

Presenters:

Gael Martinez, Undergraduate Research Experience Student, Estrella Mountain Community College Gabriel Del Valle, Undergraduate Research Experience Student, Estrella Mountain Community College Sharon Stefan, Math Residential Faculty and STEM Center of Excellence Director

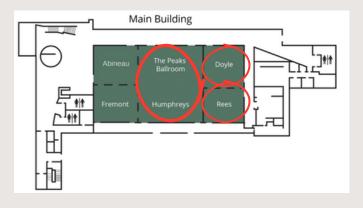
Location: Drury - O'Leary

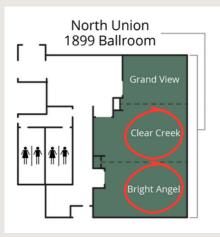
Estrella Mountain Community College prioritizes undergraduate research and community partnerships as integral parts of its teaching approach. Since Fall 2023, STEM students have partnered with the Department of Medical Physics and Radiology on a project aimed at improving peak skin dose (PSD) calculations in radiology, helping physicians make better-informed decisions in post-intervention patient care. In interventional radiology, radiation-induced skin damage is a significant concern, with its severity linked to PSD. However, PSD is difficult to measure directly during procedures and must be estimated. This research seeks to enhance the accuracy of PSD calculations by using anatomically precise models and automated calculation tools, ultimately improving patient care following fluoroscopy. During the Summer of 2024, the research team developed a proof of concept to assess the feasibility of using individualized patient models in clinical settings. The team employed a scanning process that utilized a Microsoft Kinect depth camera, KScan Software, and Blender to generate 3D meshes. The model was validated through analysis of missed projections and PSD. Additionally, the team compared program runtime and PSD accuracy between undecimated and decimated meshes. Future work will focus on analyzing this data and comparing it with previous research. To account for changes in patient position during an interventional procedure, a method will be developed to register the full patient model to partial data points from a single view from the depth camera.

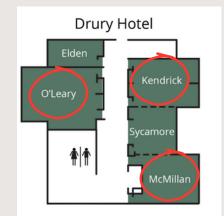
















AZ HSI SUMMIT FEEDBACK SURVEY



UPCOMING OPPORTUNITIES



HSI GRANTS DEVELOPMENT INSTITUTE

DATE: NOVEMBER 22ND LOCATION: PIMA COMMUNITY COLLEGE DOWNTOWN CAMPUS



EBP NOMINATIONS ARE OPEN

DUE: NOVEMBER 5TH



GRANT APPLICATION IS OPEN DUE: NOVEMBER 1ST

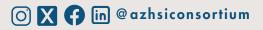


BOOK CLUB PLÁTICAS



UPCOMING WEBINARS NEXT ONE: OCTOBER 14TH AT 10AM MST







AZ HSI CONSORTIUM

