

STRATEGIC  
**HIGHER EDUCATION**  
INTERNATIONALIZATION IN NORTH AMERICA

SUCCESSFUL PRACTICES & LESSONS LEARNED



**CLIMATE RESILIENCE  
& CLEAN ENERGY**  
**NACCD**  
3rd CONFERENCE



CONAHEC

19th North American  
Higher Education  
**CONFERENCE**

**APRIL 2-4**  
Las Cruces, NM  
**USA**

**2019**

## General Information / Información General

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### Language Use

Conference business will be conducted in English and Spanish. Our primary concern is not only clear communication, but also maximum involvement of speakers and participants of different languages. We encourage participants to express themselves in the language they feel most comfortable in, provided they can be understood directly or indirectly by the rest of the audience. If questions are asked in a language that is not understood by everybody, the moderator, one of the speakers or any resource person in the audience might act as an intermediary.

### Interpretation



English/Spanish simultaneous interpretation will be provided in sessions as indicated by the symbol visible to the left.

Participants will be charged USD 100 for each lost headset, so please keep track of your device.

### Photographic Images

Registration and attendance at, or participation in, CONAHEC Conference activities constitutes an agreement by the registrants to CONAHEC's use and distribution (now and future) of the registrant's image or voice in photographs, video, electronic reproductions, and audiotapes of events and activities.

### Tickets and Name Badges

Admission to CONAHEC sessions and activities is open only to those who have registered and have been issued a badge. Badges are required for admission to all sessions, meal events, and reception. Significant others wishing to participate in meal functions must register separately or purchase meal tickets.

### Join the Conversation

Be part of an interactive conversation. We invite you to participate and use #conahec2019, follow us on Twitter (@conahec) and like us on Facebook.

CONAHEC would like to thank **New Mexico State University (NMSU)** for its generosity in hosting this conference. Special thanks to **President John Floros, Chancellor Dan Arvizu, Rod McSherry, Interim Associate Provost for International & Border Programs, Brenda Brown, Student Program Coordinator**, NMSU Staff and the many volunteers who made this event possible. Thank you all for your support!

### Idiomas

Las presentaciones durante la conferencia se realizarán en inglés y español. Nuestra principal inquietud es no sólo una comunicación clara, sino también la máxima interacción de los participantes y oradores de diferentes idiomas. Invitamos a los participantes expresarse en el idioma en que se sientan más cómodos, siempre y cuando se pueda entender directa e indirectamente por el resto de la audiencia. Si llegan preguntas en un idioma que no es entendido por todos los participantes, el moderador, uno de los oradores o cualquier persona del público puede actuar como intermediario.

### Interpretación

Interpretación simultánea inglés-español será proporcionada en las sesiones según lo indicado por el símbolo visible a la izquierda. Se cobrará USD 100 por cada equipo extraviados, así que ¡por favor cuide su dispositivo!

### Imágenes fotográficas

El registro y asistencia o participación en actividades de la Conferencia del CONAHEC constituye un acuerdo de los asistentes para uso y distribución (hoy día y en el futuro) de su imagen o voz en fotografías, reproducciones de video o electrónicas y cintas de audio de eventos y actividades.

### Boletos y gafetes

Admisión a las sesiones y actividades del CONAHEC está abierto sólo a aquellos que se han registrado y se les ha emitido un gafete de identificación. Los gafetes son requeridos para la admisión a todas las sesiones, comidas y recepción. Los acompañantes que deseen participar en las funciones de la comida deben registrarse por separado o comprar boletos para las comidas.

### Únase a la conversación

Sea parte de una conversación interactiva. Le invitamos a participar y usar #conahec2019, síganos en Twitter (@conahec) y en Facebook.

CONAHEC agradece a **New Mexico State University (NMSU)** por ser nuestro generoso anfitrión. Un agradecimiento especial al **Presidente John Floros, Rector Dan Arvizu, Rod McSherry, Vicerrector Asociado Interino de Programas Internacionales y Fronterizos, Brenda Brown, Coordinadora de Programas Estudiantiles**, personal de NMSU y a todos los voluntarios que ayudaron a hacer este evento posible. ¡Gracias por su apoyo!



Tuesday, April 2, 2019

CONAHEC Board of Directors	8:00 AM Transportation from hotel Encanto to NMSU for BOD meeting
	<b>8:30 AM – 12:30 PM</b> <b>Board of Directors Meeting (Closed Meeting)</b> <i>NMSU Corbett Center Student Union – Fountain Room (324)</i>
	<b>12:30 – 1:30 PM</b> <b>Board of Directors Lunch (Closed Meeting)</b> <i>NMSU Corbett Center Student Union – Fountain Room (324)</i>

**1:00 – 5:30 PM**

**Information and Registration**

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

**1:00 PM & 1:30 PM**

 **Transportation from hotel Encanto to NMSU**

**2:00 – 2:30 PM**

**Official Conference Opening and Welcome**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

Howie Morales, Lt. Governor, State New Mexico, USA;

Fernando León-García, President of the CONAHEC Board, and President of CETYs University System, MEXICO

Sean Manley-Casimir, Executive Director, CONAHEC, USA

**2:30 – 3:30 PM**

 **Opening Keynote**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

Dan Arvizu – Chancellor – New Mexico State University, USA

**3:30 – 4:00 PM**

 **Refreshment Break**

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

**4:00 – 5:30 PM**

 **Plenary Session I: “International Higher Education Collaboration Opportunities in North America”**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Moderator: Arturo Barrio**, Senior Advisor to the President of UTEP on Mexico and Latin America, University of Texas at El Paso, USA

**Jasmine Jacques**, Senior Policy Advisor, Bilateral Relations, Global Affairs Canada, CANADA;

**Judith Marcela Soto Moreno**, Subsecretario de Educación y Deporte para la Zona Norte, Gobierno del Estado de Chihuahua, MEXICO

**James A. Wolfe**, Counselor for Educational and Cultural Affairs, Embassy of the United States of America, USA

In this informal setting, panelists will share perspective on North American higher education collaboration experiences from their unique vantage points as facilitators of international collaboration on behalf of national and regional governments. Some concrete collaboration examples and their results will be shared to stimulate a discussion on what can be done in the future.

**5:30 – 7:00 PM**

 **Welcoming Reception Generously Hosted by New Mexico State University (Open to all attendees!)**  
*NMSU Corbett Center (Outdoor Pavillion)*

**7:15 PM**

 **Transportation from Reception to Hotel Encanto (Bus unloading zone)**

**Dinner on your own**

Wednesday, April 3, 2019

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**8:00 AM – 5:00 PM**

**Information and Registration**

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

**8:00 AM**

 **Transportation from hotel Encanto to NMSU**

**8:30 – 9:45 AM**

**Concurrent Session 1A – Higher Education Values: Fulfilling the Promise of Internationalization**

*NMSU Corbett Center: Doña Ana (room 312)*

**Moderator: Thomas Buntru** - Universidad de Monterrey, MEXICO

**Promoting Higher Education Values in Institutional Partnerships at Home and Abroad**

**Annabelle Wilmott** - Scholars at Risk, USA;

**Language of this presentation:** English

Does your university have a strategy to promote core higher education values in partnerships? The promise of internationalizing can only be fully realized when universities proactively promote academic freedom, autonomy, and related values. By developing a strategy to promote and defend these values, your community will be better prepared to respond to challenging values-related incidents. In this workshop, participants will share their observations and experiences regarding values-related incidents in international cooperation and discuss strategies for working with partners to address challenges in ways that proactively promote core higher education values. We will draw on tools and training materials produced by Scholar at Risk's Promoting Higher Education Values project and interactive quizzes and videos developed for the MOOC, Dangerous Questions: Why Academic Freedom Matters, produced with partners on the Academic Refuge project.

**Mi Casa es tu Casa: Refugees in Mexico and at UDEM**

**Thomas Buntru** - Universidad de Monterrey, MEXICO

**Language of this presentation:** English

After a quick historical overview of Mexico as a destination for refugees in the 20th and 21st centuries, in which participants will learn about flows of refugees to Mexico since the aftermath of World War I until recent times, the presenter will describe various initiatives that UDEM has developed for students and scholars at risk, among them special scholarship programs for Kurdish refugees and the so-called "dreamers" from the U.S., as well as for underserved and underprivileged Mexican students. He will also document UDEM's participation in the Scholars at Risk (SAR) Network and the IIE Scholar Rescue Fund. Participants will have the opportunity to contribute with similar initiatives at their home universities and to reflect upon networks of solidarity and support for threatened students and academics.

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**8:30 – 9:45 AM**

 **Concurrent Session 1B – International Cooperation with Social Impact**

*NMSU Corbett Center Student Union – Middle Ballroom*

**Moderator: Kristin Allen** - Northern Arizona University, USA

**Convene, Connect, Create: Bringing Together Partners to Develop Programs of Global Impact**

**Kristin Allen** - Northern Arizona University, USA

**Language of this presentation:** English (Simultaneous interpretation in Spanish)

In October 2019, Northern Arizona University will conduct a short-term program involving three institutions in Argentina and one in Mexico in the area of mining as part of a 100,000 Strong in the Americas initiative. The program will address 1) science, 2) policy, 3) social justice and 4) industry as these topics relate to mining. This presentation will highlight the process of convening partners to identify national and international needs and priorities, as well as how institutions of higher education can connect to lead the way in creating programs that drive positive global change.

**Tele-Assessing the Verbal Behavior of Children with Autism in Mexico**

**Alonzo Andrews** - University of Texas at San Antonio, USA;

**Felipe de Jesus Diaz Resendiz** - Universidad de Guadalajara - Centro Universitario del Sur, MEXICO;

**Mariana de los Santos** - Bloom Children's Center, USA;

**Lee Mason** - University of Texas, USA

**Language of this presentation:** English (Simultaneous interpretation in Spanish)

Wednesday, April 3, 2019

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(continued...)

Results of collaborative research between American and Mexican Institutes of Higher Education on tele-assessment of the verbal behavior of children with autism receiving clinical services in Mexico will be presented. Using the Stimulus Control Ratio Equation, we assessed the extent to which the language of children with autism differed from typically-developing children. Recommendations for interdisciplinary collaborations will be discussed.

**8:30 – 9:45 AM**

### **Concurrent Session 1C Climate Resilience and Clean Energy – Examples of Applied Research for Sustainable Development**

*NMSU Corbett Center: Senate Chamber (room 302)*

**Moderator: Nicolas DeLovato** - New Mexico State University, USA

#### **Active Thermal Energy Storage in Building**

**Nicolas DeLovato** - New Mexico State University, USA;

**Sarada Kuravi** - New Mexico State University, USA;

**Delia Valles** - New Mexico State University, USA;

**Young Ho Park** - New Mexico State University, USA

**Language of this presentation:** English

Buildings represent a growing share of global energy consumption, especially in heating and cooling. Active thermal energy storage in buildings is a rapidly evolving field which can be used to address this issue and gains significantly increasing attention over the past few years. The present review discusses the developments of major technologies and systems over the last three years (2016-2018). Previous reviews have covered active thermal energy storage in buildings from technological standpoint, but little work has discussed economic and health effects. These aspects are vital in the planning and implementation of these technologies and thus discussed in this review. In addition, the aspects of the design methodology are also examined to compare different types of systems and their specific design. The incorporation of these aspects leads to the advancement of these systems in professional use. The primary goal of this paper is to assist in the progress of transferring these technologies from scientific research to use in residential, commercial, and industrial buildings.

#### **The Impact of Universidad Tecnológica de La Paz in Solar Energy Production**

**Allan Amador** - Universidad Tecnológica de La Paz, MEXICO

**Language of this presentation:** English

South Baja in Mexico is a long territory blessed with solar rays all year. Our technological university started offering Renewable Energy Solar Area as a very important program in our state. We have the second biggest solar energy plant in all of Latin America. Universidad Tecnológica de La Paz is committed to this issue in South Baja, México. Our students have been hired all over Mexico and in some states of the USA and Canada. Investors look for our graduates to work with them developing solar energy production projects, so our institution is very successful in this matter. Almost all the energy consumption in our university is solar generated and we are an example for other Institutions in our state.

#### **Deploying Algal Turf Scrubber in Portales, New Mexico and Guanajuato, Mexico for Treating Wastewater while Producing Algal Biofuels**

**Juchao Yan** - Eastern New Mexico University, USA

**Language of this presentation:** English

Algal turf scrubber (ATS) is a cost-effective, point- and non-point source wastewater treatment, and produces biomass suitable for biofuel production. A pilot-scale ATS has been operated in Portales, NM for dairy wastewater treatment and algal biofuel production. The shading of the scrubber effluents in a carbon recovery unit has provided a controlled pH, and thus enhanced the algal productivity and lowered the ash content. The ATS flowway appears to be a highly dynamic eco-system. Universidad Politécnica de Guanajuato (UPGTO) is located in the rural area of Guanajuato, Mexico. In Biochemical Engineering and Biotechnology programs, ?Christmas Tree? photobioreactors with various capacities have been designed and tested to treat the university-generated wastewater by algal technology. Preliminary results have showed no significant difference in terms of wastewater treatment efficiency. Wetlands are also expected to be constructed for a sustainable, on-campus tertiary wastewater treatment. The similar geographic locations and climate and the same line of research have enabled long-term research collaborations between Eastern New Mexico University (ENMU) and UPGTO. A memo has been signed between two institutions, and faculty in both institutions have visited other campus and brainstormed the research collaborations. In this talk, I will summarize the research findings from the ATS at ENMU and emphasize the vision and cost-analysis of deploying ATS on UPGTO campus.

**9:45 – 10:00 AM**

 **Refreshment Break**

*NMSU Corbett Center Student Union - 3<sup>rd</sup> Floor Middle Foyer*

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Wednesday, April 3, 2019

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**10:00 – 11:15 AM**



**Concurrent Session 2A – Engaging in Bi-National Collaboration Initiatives**

*NMSU Corbett Center Student Union – Middle Ballroom*

**Moderator:** Kari Knutson Miller – California State University, Fullerton, USA

**California State University, Fullerton – Mexico Mobility Initiatives and Outcomes**

**Kari Knutson Miller** – California State University, Fullerton, USA;

**Language of this presentation:** English (Simultaneous interpretation in Spanish)

At the March 2016 CONAHEC conference in San Luis Potosí, Mexico, California State University Fullerton presented two-year outcomes associated with a commitment made in fall 2014 to action based on an articulated California-Mexico Higher Education MOU. The MOU, signed on July 29, 2014 by leaders in government and higher education, focused on expanding institutional partnerships and collaborations. For the 2013-2014 baseline year, Cal State Fullerton reported zero inbound and zero outbound mobility with Mexico. At the 2016 conference, panelists presented outcomes to date and stated the aspirational goal of annually sending 100 students to Mexico to participate in diverse learning and professional development experiences. In this session, presenters will discuss five-year trends and outcomes associated with this institutional mobility commitment. For example, over a five-year period, overall study abroad participation more than doubled at Cal State Fullerton with Mexico serving as the number one destination in 2017-2018. Panelists will also discuss CONAHEC-facilitated support, systematic outreach activities, commitments to collaboration with institutional partners in Mexico, and diverse models of faculty-led programs supporting California-Mexico mobility.

**Academic International Border Mobility: Case Study**

**Mariana Barberena** – Texas A&M International University

**Language of this presentation:** English (Simultaneous interpretation in Spanish)

The presentation relates to an innovative practice in student and faculty mobility between Texas A&M International University in Laredo, Texas and the Instituto Tecnológico de Nuevo Laredo, in Nuevo Laredo, Tamaulipas, Mexico.

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**10:00 – 11:15 AM**

**Concurrent Session 2B – Internationalizing the Campus**

*NMSU Corbett Center: Senate Chamber (302)*

**Moderator:** Kevin F. Rolwing – World Education Services (WES)

**International Summer Campus: A Format of Great Potential with International Vibrancy**

**Sandy Bossier-Steuerwald** – University of Potsdam, GERMANY;

**Regina Neum-Flux** – University of Potsdam, GERMANY

**Language of this presentation:** English

We would like to present the University of Potsdam's efforts, by means of its 'Strategy of Internationalization' to open up to the world, focusing on global issues as well as partner regions such as the USA. Within this process the UP contributes to further enhancing quality and competitiveness in research, teaching and studying. In the context of promoting an international mindset, intercultural exchanges, and a welcoming culture on the University's campuses, we are currently establishing an umbrella brand named ISC (International Summer Campus) at the UP. To improve incoming mobility and academic collaboration, we therefore implemented the following three program lines 1) Open Summer Programs, 2) Intensive Language Programs and 3) Tailor Made Programs. The programs focus on different target groups and contain a broad range of course offerings. From academic, subject-specific courses taught in English only to German language, culture and history courses for incoming ERASMUS students or highly exclusive programs, tailor made for our partner organizations, based on a modular model. At the CONAHEC convention, we would like to give insights to the ISC and deepen the understanding of developing programs, organizing courses while focusing satisfaction with best case examples of our International Summer Campus. We would like to show the great potential that lies within the ISC to place the UP as high quality academic destination in Germany with international vibrancy.

**Internationalization of Undergraduate STEM Programs**

**Delia Valles-Rosales** – New Mexico State University, USA;

**Sarada Kuravi** – New Mexico State University, USA;

**Patricia Sullivan** – New Mexico State University, USA;

**Young Ho Park** – New Mexico State University, USA

**Language of this presentation:** English

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(continued...)

Internationalization of undergraduate STEM programs has been considered as a strategic goal for increasing collaboration, student and faculty mobility, and improvement of the knowledge-base in STEM fields among others. Each institution has its own defined strategies to expand its visibility to internationalize its programs. Barriers that could affect internationalization have been identified in different aspects such as security, language, location, culture, and challenges of a first-generation college student among others. This round table session is proposed to understand and learn about the strategies institutions are implementing to internationalize their STEM undergraduate programs, learn about their challenges, and share their best practices. Attendees will be asked to bring information with them to discuss and share. Attendees with no experience in internationalization will have the opportunity to share and propose ideas.

### **The Universe of Transnational Education, its Extension and Limits**

**Kevin F. Rolwing** – World Education Services (WES), USA

**Language of this presentation:** English

In this session, we will provide an overview of the varieties of Transnational Education relationships and scenarios from everything from overseas branch campuses to validated degree programs offered by prominent universities and partner teaching institutions in other countries. We will examine the official recognition statuses of the partnered institutions, the teaching faculty, the curricula and the mode of delivery (residential and/or online). We will explore and discuss the available resources and types of documentation issued. Ultimately, we will explore and discuss what type of transnational education modalities might work in the Americas and beyond, in order to increase international exchanges between, and educational capacities in, partnered institutions in different countries.

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**10:00 – 11:15 AM**

### **Concurrent Session 2C Climate Resilience and Clean Energy – Climate ACTION for CONAHEC Members**

*NMSU Corbett Center: Doña Ana (room 312)*

**Moderator: Douglas David Crockett** – INAOE, USA

**Douglas David Crockett** – Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), MEXICO;

**Daniel Farmer** – Peace Corps, USA;

**Lee Rayburn** – L. R. Rayburn Sustainable Development Consulting, USA

**Language of this presentation:** English

What role can you as students, teachers and administrators in CONAHEC member institutions play in the climate resiliency issue? How do schools, research institutes and universities transform their facilities and operations to be more sustainable? What is environmental justice, and how does it relate to climate action? What responsibility do we have as educators to contextualize this global phenomenon/crisis based on differing cultures, contribution, and impact? What are the options for partnering with private businesses, governmental agencies and non-profit organizations? This panel presentation will address those questions and more from two very different perspectives on either side of the United States and Mexican border. The workshop portion will involve more interactions with the audience to help everyone develop their personal action plan for dealing with the climate issue at their own institution.

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**11:15 – 11:30 AM**

### **Refreshment Break**



*NMSU Corbett Center Student Union - 3<sup>rd</sup> Floor Middle Foyer*

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Wednesday, April 3, 2019

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**11:30 AM – 1:00 PM**



**Plenary Session II “100,000 Strong in the Americas Innovation Fund: Stimulating Partnerships to Increase Exchange and Training Opportunities”**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Moderator: William Webber**, Program Officer, Education and Exchanges - Partners of the Americas, USA

**Maggie Hug** - Regional Education Initiatives Director, Bureau of Western Hemisphere Affairs, U.S. Department of State, USA;

**Heidi A. Taboada** Associate Dean for Research and Graduate Studies, Associate Professor of Industrial, Manufacturing & Systems Engineering, The University of Texas at El Paso, USA;

**Jose Espiritu Nolasco** - Associate Professor and Graduate Program Director, Department of Industrial, Manufacturing and Systems Engineering, The University of Texas at El Paso, USA;

**Danielle Gilliam** - Strategic Projects Officer, Global Education Office, University of New Mexico, USA

**Kari Knutson Miller** - Special Assistant to the President - California State University, Fullerton, USA

The 100,000 Strong in the Americas Innovation Fund is the public-private sector collaboration between the U.S. Department of State, Partners of the Americas, NAESA: Association of International Educators, companies, foundations, regional governments, and academia working together to create partnerships between universities and colleges in the United States and the rest of the Western Hemisphere. Since January 2014, the Innovation Fund is a central mechanism to stimulate connectivity between higher education institutions throughout the Americas and provide more exchange opportunities for students and faculty to work together in teams and gain new technical skills. Innovation Fund grants strengthen institutional capacity, increase student mobility, and enhance regional education cooperation. Since its inception in January 2014, the Innovation Fund has awarded 198 grants to teams of over 360 higher education institutions from 25 countries and 42 U.S. states. Currently, Mexico ranks first in this hemispheric-wide education initiative with over 50 partnerships involving Mexican and U.S. higher education institutions. This session will focus on best practices, lessons learned, and tips from Innovation-Fund grant winning teams and provide a forum to discuss how partnerships can increase student mobility to/from the United States, Mexico, and other countries. Topics will include an overview of the Innovation Fund and first-hand perspectives from grant-winning institutions that have implemented Innovation Fund programming and created sustainable partnerships in the region.

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**1:00 – 2:00 PM**



**Lunch (New members presentation, all are welcome!)**

*NMSU Corbett Center Student Union – East Ballroom (3<sup>rd</sup> floor)*

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**2:15 – 3:45 PM**

**Concurrent Session 3A – International Students Engagement**

*NMSU Corbett Center: Senate Gallery (room 304)*

**Moderator: Leslie Palson** – Georgian College, CANADA

**Think Globally, Act Locally: New Models of Internationalization that Support Communities and Provide Economic, Cultural and Educational Benefits**

**Leslie Palson** – Georgian College, CANADA;

**Catherine Vellinga** – Georgian College, CANADA

**Language of this presentation:** English

This session will illustrate how college academic programs can be developed to meet the needs of international students to fulfill high demand in a community, successfully integrate International and domestic students, provide global learning opportunities, solve shortages in housing and classroom capacities and blend academic and workplace learning. Industry leaders and community partners in the tourism & resort area of Collingwood and Blue Mountain, one of Georgian College's locations, have expressed a need and desire to work with the college in order to bring more hotel resort, tourism and culinary post-secondary programs to the area as the local economy relies heavily on the service industries, specifically in accommodations, tourism, food, and recreation. Georgian's Hospitality Hotel and Resort Operations programme, with an innovative approach to teaching called 'Integrated Workplace Learning', was specifically designed to not only meet the local economic industry need, but also set new standards on how the college integrates new International students to the college in their chosen area of study. The development of this program was a ground-up design of the existing program that took into consideration the needs of all stakeholder groups; the collaboration of these disparate groups provides a synergetic model for how community colleges can meet the needs of students, industry partners, communities, and local government.

**International Students in U.S. Hospitality and Tourism Internship Settings: Identifying Barriers and Constraints**

**David Cardenas** – University of South Carolina, USA

**Language of this presentation:** English

(continued)

Hospitality and tourism are known globally as an applied field with numerous employment opportunities from entry level to managerial positions, it is accepted that most students will complete a fieldwork or internship experience as a requirement for graduation. For international students, the internship experience may be a decisive factor when choosing a university, viewing the internship experience as a necessary introduction and entry into the U.S. job market. The internship experience is an important selling point for programs such as hospitality and tourism as an alternative to traditional majors such as business or medicine. The potential market for international students in hospitality and tourism is quite large, given that many countries depend on tourism receipts more than the U.S. and therefore international students may be more aware than their domestic counterparts concerning potential careers. While traditional international programs have focused on creating positive and supportive classroom and campus environments for international students, relatively little is known about international student experiences in the field. This presentation will address both the barriers and constraints of international students in a U.S. hospitality and tourism setting.

### **Training International Students on Sexual Assault Awareness**

**Alejandra Ramirez** – International Student Insurance, USA

**Language of this presentation:** English

This session will address sexual assault and consent and will help attendees prepare to train their international students on the topic. We'll equip attendees with an overview of staying safe, Title IX and dealing with occurrences by providing resources that they can use on campus to implement in their trainings. We will provide an overview of how to get students engaged on the topic, including active bystander training, and will conclude with effective resources that attendees can take back to their institutions.

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### **2:15 – 3:45 PM**

#### **Concurrent Session 3B – Faculty Mobility as a Key Component of the Internationalization Strategy**

*NMSU Corbett Center: Senate Chamber (room 302)*

**Moderator: Alberto Pacheco** – Universidad Autónoma de Chihuahua, MEXICO

#### **Internationalization Internship: Colombo-French 2018 International Business Seminar**

**José Miguel Rodríguez Castellón** – Universidad Simón Bolívar de Barranquilla, COLOMBIA

**Language of this presentation:** Spanish

This best-practice is a result of an invitation of the University Paris Est Créteil UPEC on behalf of the Director of the Commercialisation techniques program of the Institut Universitaire de Technologie of Sénart Fontainebleau, Jérôme Lacoeylle to the Professors Doniphane Meslier and José Miguel Rodríguez from the Simón Bolívar University of Colombia, for an academic internship in Sénart, France, from June 12th to 30th, 2018. This faculty mobility experience led to the development of a summer course on international business taught in Spanish to enhance language skills among the participating students. The program also allowed for further international mobility within the framework of the dual degree agreement between the trade and international Business program of Simón Bolívar university, Colombia and the host institution.

#### **Mexico-Colombia: An Experience of International Exchange and Interdisciplinary Learning for Academics**

**Alberto Pacheco** – Universidad Autónoma de Chihuahua, MEXICO;

**Sergio Enrique Ramírez Moreno** – Escuela Tecnológica Instituto Técnico Central, COLOMBIA

**Language:** Spanish

We will share our experience with CONAHEC's Short-Term Faculty Exchange Program. Both professors collaborated to create a mobile robotics workshop with Python integrating different technical and cultural perspectives in the same course. The Mexican teacher contributed with a software-oriented perspective (programming with Python for the Internet of things) and the Colombian teacher provided a hardware-oriented perspective (robotic control of various mechanisms). The requirements of the exchange, the communication between students from both institutions and the structure of the course, which combined talks, videoconferences, visiting faculty and final projects of the course, provided a broader picture. Through a multidisciplinary and multicultural approach, we transformed the engineering course into something more than technical learning, it was an experience that motivated students to learn topics not seen in their curricula, as well as strengthen the activities of both groups and possible joint research projects.

Wednesday, April 3, 2019

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**2:15 – 3:45 PM**

**Concurrent Session 3C Climate Resilience and Clean Energy – Mexico’s Commitment with Sustainable Development**



*NMSU Corbett Center Student Union – Middle Ballroom*

**Moderator: Alejandra Cardoso** – Universidad Autónoma de Ciudad Juárez, MEXICO

**2030 Agenda for Sustainable Development: The Implementation Process in Mexico**

**Alejandra Cardoso** – Universidad Autónoma de Ciudad Juárez, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

Agreements and commitments exist between countries and international organizations, which define international cooperation for development (CID) as a foreign policy instrument. Mexico participates on the international system of cooperation for development by bringing together governmental institutions, civil society organizations, non-governmental organizations, public and private schools and universities. This session will discuss the strategies that Mexico has integrated in international politics as a tool to fulfil its foreign policy axes in the normative and institutional frameworks, making this a viable option to achieve the development of our Country, both inside and with its external alliances.

**Creation of the Network of National Centres of Competence in Renewable Energy Certification Through the Subsystem of Polytechnic and Technological Universities**

**Israel López Zenteno** – Universidad Tecnológica de Tijuana, MEXICO;

**Luis Vargas Gurrola** – Universidad Tecnológica de Tijuana, MEXICO;

**Raúl Vázquez Soria** – Universidad Tecnológica de Tijuana, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

With the objective of contributing to the energy sustainability of Mexico, the professionalization and development of technicians and engineers, and the strengthening of the technological infrastructure for the evaluation and certification of the workforce in the energy sector, the Technical University of Tijuana led the design and implementation of the National Technical Certification program in the EC 0586.01 Labor competency Standard. This led to creation of the national network of certification centers of labor competencies in renewable energies, through the subsystem of technological and polytechnic universities of Mexico. This network contributes directly to the sustainability of the country's energy, the training and development of specialized human talent, and the strengthening of current technological capacities and infrastructure, in the areas of renewable energies and energy efficiency.

**Sustainable Development of the Tequila Industry in Jalisco in the Last 20 Years**

**Carmen Leticia Jiménez Reynoso** – Universidad de Guadalajara, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

In recent times the elaboration of our consumer products has seriously damaged the environment. In Mexico, tequila production requires a lot of water, land and resources. This industry represents an opportunity for economic development. If we want to continue producing the environment must not be neglected as it poses a threat. Tequila consumption has expanded across all continents, after whisky, its sales have the second largest growth rate among alcoholic beverages. However, it faces different problems. On the one hand the sale of factories to large corporations as is the case of Sauza sold to the Japanese. And on the other, the increase in consumption of this beverage does not always allow the agave to ripen as necessary for optimum production quality, since the 5 years necessary for its maturation is sometimes reduced to 3 or less.

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**3:45 – 4:00 PM**



**Refreshment Break**

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

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**4:00 – 5:30 PM**



**Plenary Session III “Enhancing Academic Value Through International Engagement in North America”**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Moderator: Mary Fanelli Ayala**, Vice President of the CONAHEC Board of Directors & Dean of Liberal Arts and Sciences, Eastern New Mexico University, USA

**Cheryl Matherly**, Vice President/Vice Provost, International Affairs - Lehigh University, USA;

**Gary Rhoades**, Center for the Study of Higher Education – University of Arizona, USA;

**Brian Stevenson**, President for North America, NAVITAS, USA

Panelists will share perspectives on a diversity of topics including what some of the guiding principles and attributes should be in the process of professionalization of the field of international education, challenges associated with balancing the purposes of internationalization with the economics of international partnerships and initiatives, and some concrete examples of success in developing purposeful and meaningful internationalization which responds to and connects local, regional and international priorities.

Wednesday, April 3, 2019

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5:45 PM

 Transportation to Awards Dinner Venue

6:00 – 8:00 PM

 Awards Dinner Generously Hosted by New Mexico State University (Open to all attendees!)  
*New Mexico Farm and Ranch Museum*

8:15 PM

 Transportation from Dinner Venue to Hotel Encanto

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Thursday, April 4, 2019

8:30 – 11:00 AM

Information and Registration

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

8:30 AM

 Transportation from hotel Encanto to NMSU

9:00 -10:15 AM

 Concurrent Session 4A – Internationalization Strategies at Mexican HEIs

*NMSU Corbett Center Student Union – Middle Ballroom*

Moderator: Guillermo Isaac González Rodríguez – Universidad de Guadalajara-ITJMMPYH, MEXICO

**Intertwining Paths: Analysis of the Environment of Internationalization Policies**

Tania Marcela Delgadillo Gutierrez – Universidad de Guadalajara, MEXICO;

Guillermo Isaac González Rodríguez – Universidad de Guadalajara-ITJMMPYH campus Zapopan, MEXICO;

Blanca Lizbeth Inguanzo Arias – Universidad de Guadalajara, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

To achieve standards that allow them to compete in the global space, there are central axes to which universities must attend. Among them we find internationalization is seen as an element that contributes to the improvement of the quality of education because it creates bridges for cooperation. This research focuses on the organizational and programmatic strategies used by the University of Guadalajara to support internationalization policies. The objective of this session is to analyse the way in which internationalization policy is set and the effects it has on its different university contexts. The analysis focuses on policies and how strategies are generated as an introduction to the study of the internationalization space that universities need to adopt today.

**Starting Internationalization at UAEMex**

Yolanda Eugenia Ballesteros Senties – Universidad Autónoma del Estado de México, MEXICO;

Ma. Esthela Estrada – Universidad Autónoma del Estado de México, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

Through this session, we will share our experience implementing the internationalization plan at the Autonomous University of the State of Mexico (UAEMEX). As the first VP of internationalization of an important traditional Mexican university, I found advantages and disadvantages, going through the limited schemes and little knowledge of what is internationalization of higher education. We will discuss how a change of paradigms and thinking outside the box helped achieve the transversality and application of the processes of internationalization in all the areas of the university (teaching, linkage, research and extension). The session will show some indicators of how the process has developed over the last 5 years, in order to present the achievements and challenges.

**Flexible Programs and Curricula in Benefit of Faculty**

Eusebio Flores Barraza – Universidad de Sonora, MEXICO

**Language of this presentation:** Spanish (Simultaneous interpretation in English)

The session will discuss so-called dual education (university-industry partnerships). For institutions to stimulate research, they can start by reducing the number of hours students spend in classes. A semi-presencial model can help send a message that learning can also happen outside the classroom. This also helps cut unnecessary operating expenses. It is time to make way for virtual hours accumulated through field research.

Thursday, April 4, 2019

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**9:00 -10:15 AM**

**Concurrent Session 4B Climate Resilience and Clean Energy – Design for Sustainability**

*NMSU Corbett Center: Senate Chamber (room 302)*

**Moderator: Mariana Alvarado** – Universidad de Monterrey, MEXICO

**Morphogenetic Design Strategies Through Biomimicry**

**Kazmy Chi** – Universidad de Monterrey, MEXICO

**Language of this presentation:** Spanish

The objective of this research is to generate a pedagogical methodology for designers, of morphogenesis through biomimetics, in response to the current challenges of a global problem. It is intended that through the method of participatory research and experimentation, parameters are posed for the exploration of solutions to these challenges and problems of design, analyzing the response that natural organisms adopt to face survival challenges addressing them through their form. To emulate this response and apply it to a design that solves a human problem, might permit us to solve these challenges in this way instead of by using technology, which is our frequent preference, and not always adopted in a sustainable way. The focus of this research is specifically inclined to the formal exploration of these organisms, adopting a research process involving experimental exploration through prototypes. This process is considered interdisciplinary, to generate an impact on design processes in the resolution of current problems of varied scope and character.

**Teaching Emotional Design: Designing for People Living with Mental Disorders**

**Mariana Alvarado** – Universidad de Monterrey, MEXICO

**Language of this presentation:** Spanish

Today the future seems really scary to people who suffer from mental disorders so we must use design not only as a trigger of economic and environmental changes but as a new research element in the field of mental health and well-being. Anxiety is a normal part of our lives and, along with depression, is one of the mental disorders that afflicts the highest portion of people in the world. Mexico has the fourth most populous city in the world. Living in highly populated cities means more traffic, a poor diet and longer working days. This implies the appearance of more physical and mental disorders. One out of four people in Mexico has had at least one mental disorder and one out of three people have had a mental disease at age 65, according to the study Psychiatric Disorders in Mexico. Today it is imperative to pay attention to our lifestyle and find alternatives to this fast-paced world. This study seeks to generate new parameters to respond to the effects of increasing mental health problems in our society. This project seeks to support new generations living under the shadow of mental diseases by designing products and services that include them in society and in our cities.

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**10:15 – 10:30 AM**



**Refreshment Break**

*NMSU Corbett Center Student Union – 3<sup>rd</sup> Floor Middle Foyer*

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**10:30 – 11:45 AM**



**Plenary Session IV “Building Better Bridges”**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Moderator: Douglas David Crockett**, Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), MEXICO

**Luis Enrique Sucar**, Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), MEXICO;

**Sandra Bernal-Cordova**, University of Arizona (UA), USA;

**José Martínez-Carranza**, Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), MEXICO

**11:45 AM – 12:30 PM**



**Closing Keynote**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Kate O’Neill**, Secretary of the Department of Higher Education, State of New Mexico, USA

**12:30 – 1:00 PM**



**Closing Remarks**

*NMSU Corbett Center Student Union – Middle Ballroom (3<sup>rd</sup> floor)*

**Francisco Marmolejo**, Tertiary Education Coordinator, India – The World Bank, INDIA