

NSF NEW MEXICO-CHIHUAHUA: PARTNERSHIP FOR INNOVATION

Projects

- *UACJ student recruitment complete*
- *CIMAV student recruitment complete*

Events/Workshops

- *Renewable Energy*
- *Border Wind Energy Forum*

Events

- *NMSU Hosts Meeting*
- *UACJ will visit NMT*
- *Google Group invitations are going out.*
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NMSU HOLDS PARTNERSHIP FOR INNOVATION MEETING AT NMSU

Events

Meeting at NMSU

The Office of the Dean for International and US-Mexico Border Programs at New Mexico State University (NMSU) carried out its first general forum under the direction of Dr. Everett Egginton Dean of International Programs and PI of the project and Ms. Leticia Vilchis, Coordinator of the Program, with the participation of all the partners and collaborators involved in the project entitled "NSF-New Mexico-Chihuahua Partnership for Innovation Project". This forum was carried out at NMSU, Stan Fulton Complex in Las Cruces, on October 27, 2006 from 10 a.m. to 4 p.m. and Oct. 28 at the Institute for Energy and Environment's SW Region Solar Experiment Station at 9 a.m. to noon, under the direction of Robert Foster program manager of the SW Technology Development Institute and faculty leader of the NMSU team. This event featured participating Institutions from Mexico and New



Students at NMSU Meeting; October 27 and 28, 2006

Mexico, including the Universidad Autónoma de Ciudad Juárez, Centro de Investigación en Materiales Avanzados, Instituto Tecnológico de Estudios Superiores de Monterrey, Campus Chihuahua, New Mexico Institute of Mining and Technology; and NMSU featured project development related to wind en-

ergy systems, zeolite application, GIS real estate software, and reptile gender identification. All the participating students expressed their enthusiasm regarding the great opportunity of participating in the program. They also expressed the benefits of interacting with

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Events

NMT will visit UACJ campus

NMT students will be visiting the Universidad Autónoma de Ciudad Juárez. During this visit the NMT students will have

the opportunity to interact with their counterparts at UACJ. NMT students Vincent Brandon, Jonathan Gardner, Hung Duong, Robert Rayas and Ben Simpson, under the supervision of Dr. Peter Anselmo

will be attending a tour of the facilities and planning future visits and summer internships related with their projects; *The commercialization of surfactant-modified Zeolite/Zero Valent Iron Pellets*

Events

Metting at NMSU

Continued ...

their counterparts, the advantages of attaining international experiences and the ability to expand their foreign language capabilities. The conference was finalized with a dinner offered by Drs. Everett and Wynn Egginton at their residence.



Robert Foster giving a tour of the SW Region Solar Experiment Station at NMSU to our partners from UACJ, NMTech, ITESM and CIMAV

Events/Workshops

The New Mexico State University NSF wind energy team participated in the first ever bi-national wind energy forum on the Border sponsored by the United Nations Development Program (UNDP). The NMSU wind team has been supporting the NSF with evaluation of wind energy development potential for Mexican ejidos (communal farms). The Border wind forum was conducted as two events in both Chihuahua and Ciudad Juárez, and were organized by the UNDP, the Global Environment Facility, State Government of Chihuahua, and the Instituto de Investigaciones Eléctricas and UACJ campuses, respectively. On November 16

NMSU PARTICIPATES IN CHIHUAHUA WIND ENERGY FORUMS

Martin Gomez of the Institute for Energy and the Environment (IEE - College of Engineering) presented at the two day UNDP sponsored solar and wind energy workshop held at the Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) - Campus Chihuahua. ITESM is a partner with NMSU on Borderland wind energy development. He presented solar and wind energy fundamentals, as well as results from the NMSU study on wind for Mexican ejidos. The event was also co-sponsored by the Departamento de Electrificación y Ahorro de Energía and the Centro Regional de Producción más Limpia. On November 17, Robert Foster(IEE) and NMSU student Jacqueline Sanchez presented at the UNDP Foro Fronterizo de Generación EoloEléctrica held on the UACJ campus in Ciudad Juárez. Representatives from

pertinent agencies and companies from Mexico City, Austin, Morelos, Nuevo Leon, and across Chihuahua participated. The NMSU NSF wind team discussed Borderland wind energy development. Jackie Sanchez presented on the potential environmental impacts of wind-farms. Robert Foster focused on lessons learned from New Mexico windfarms and how these might apply in Mexico.



NMSU Student Jacqueline Sanchez presenting at the Border Wind Energy Forum at UACJ

Projects

CIMAV Students Chosen

The Center for Investigation of Advance Materials (CIMAV) has finished recruiting the students that are to participate in their project to determine the feasibility and business plan of a spin-off company to fabricate and commercialize a kit that determines the gender in reptiles, birds, and mammals using a steroid hormone. The students chosen to participate in the project are Grissel Ivonne Méndez Castro - Business Administration - Universidad Autónoma de Chihuahua [UACH]; Fidel Pablo López Duarte - Biology Engineer - Universidad Autónoma de Ciudad Juarez [UACJ]; Wendy Chávez Montes - Chemical Engineer - Universidad Autónoma de Chihuahua [UACH]; Rodolfo Castellanos Ramírez - Biology Engineer - Universidad Autónoma de Ciudad Juarez [UACJ]. The students have began working on this project and have presented the first phase related to the commercialization.

Events



Angelica Fernandez of the New Mexico State University (NMSU) team started sending out invitations to join the NSF Project Google Group, with hopes

GOOGLE GROUP AND GMAIL INVITATIONS

to facilitate the communication between all the students, faculty staff and collaborators of the ongoing projects. Please note that once you have received your invitation you are encouraged to accept the invitation and set up your sign on and password so that you can gain access to the project 's intercommunica-

tions system. If you should have any questions or if you would like to set up a gmail account please contact Angelica Fernandez at angferna@nmsu.edu.



Projects

UACJ Students Chosen

the Autonomous University in Ciudad Juarez (UACJ) has announced that the following students have been chosen to participate in their project: Ángeles Hernández Orona Business Management Senior, Osvaldo Arriaga Delgado Business Management Senior, Brissa Denisse Serrano Mendoza Business Management Senior, Elsa Vianney Barraza López Business Management Senior, Maria Goreti Sáenz Moreno Business Man-

agement Senior, Estela Espinoza Jiménez Engineering in Computer Systems Senior, José Ramón Valenzuela Rodríguez Business Management Junior, Javier Galindo Ruiz Engineering in Computer Systems Senior, Hugo Rojas Environmental Engineering Senior. They are working on developing a "GIS software to improve real estates market transactions in Ciudad Juarez, Chihuahua". The purpose of this research project is to introduce in the local market a commercial devise to facili-

tate the decision-making process on purchasing and leasing industrial, commercial and residential land and facilities in Ciudad Juarez for both real estate companies and private land investors. The research team in UACJ is also integrated by 2 faculty members from the Institute of Engineering and Technology and 2 faculty members from the Institute of Social Sciences and Business Administration