



NeSA 10th International Conference on

Transforming Lives Through Technology & Empowerment



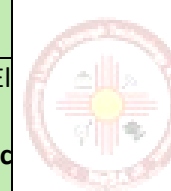
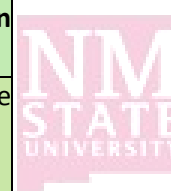
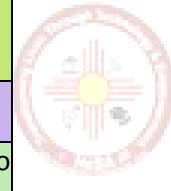
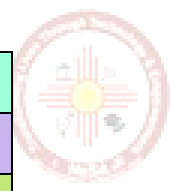
March 31, 2018

Domenici Hall, Room #109
New Mexico State University



SCHEDULE OF EVENTS

8:00 – 9:00 am		Registration and Refreshment
Opening session (9:00 am—9:30 am)		
<ul style="list-style-type: none"> Welcome by Academic Director, Gopal Tamang Welcome by NeSA president, Binod Paudel Welcome by NeSA Advisor, Dr. Ram N. Acharya Remarks by International Student and Scholar Services, Mr. Michael Schmelzle Remarks by Graduate School Dean, Dr. Loui Reyes Best wishes: Letters from previous keynote speakers 		
Session I (9:30 am -12:00 pm) (Morning Session) Announcer – Upasana Chalise/Yashoda Kandel		
09:30-09:45	Ajit Kumar Karn , ¹ Department of Microbiology, Immunology and Pathology, Colorado State University, Fort Collins, CO	Empowerment of Village Women for Detection and Control of Livestock Diseases in Nepal.
9:45-10:00	Gaspard Mucundanyi , Department of Curriculum and Instruction, New Mexico State University	Technological Pedagogical Content Knowledge (TPACK)
10:00-10:15	Vesh Raj Thapa , Department of Plant and Environmental Sciences, New Mexico State University	Land Use Systems Affect Soil Health in the dry-lands of Eastern New Mexico
10:15-10:30	Pawan Koirala , Jose L. Banuelos, Department of Physics, The University of Texas at El Paso, El Paso, TX, 79968, US	The inverse and direct Hofmeister series of Hen egg lysozyme at pH below isoelectric point (pI) as seen by SAXS
10.30: 10.45	Shekhar KC , Prakash Basnet, Surendra Thapa, Bijay Shrestha, and Ramesh Giri* Department of Chemistry and Chemical Biology, University of New Mexico, Albuquerque, NM, USA	



	Ni-catalyzed 1,2 Dicarbofunctionalization of Unactivated Olefins and its Application to the Synthesis of Lignan Natural Products
10:45-11:00	Shuv Raj Rana Bhat , The University of Texas at El Paso Representation of Women in Multimodal Texts.
11:00-11:10	Networking/Break
11:10-11:25	Hunter Myüz & Justin MacDonald , New Mexico State University Haptic Communication in the Rear Hemisphere of the Head
11:25-11:40	Suresh Lohani , University of Texas at El Paso Smartphones as empowering devices for the Nepalese Students in El Paso, USA.
11:40-11:55	Sheela Thapa,^a Diane A. Dickie,^b Eshani Hettiarachchi,^c Gayan Rubasinghe^c and Yang Qin^{*a} ^a Department of Chemistry and Chemical Biology, University of New Mexico, Albuquerque, New Mexico, United States Charge-Separated Metal-Organic Framework for Selective Gas Adsorption
11:55-12:10	Ashok Bhusal , University of Texas at El Paso Digital Rhetoric in the First-Year Composition Classroom
Session II (12:10 pm -01:15 pm) (Lunch Break/Posters)	
Posters	
1	Chitra Karki, Lin Li , Department of Physics, University of Texas at El Paso Membrane interaction of ESAT-6 and its role in the pathogenesis of Mycobacterium Tuberculosis.
2	Anushruti Sangami , Department of Biology, New Mexico State University Computational Biology Approach for Deciphering Etiological Pathway of Polygenic Diseases: Rheumatoid Arthritis
3	Stephanie Fullam, Durga Neupane, Dr. Erik Yukl , New Mexico State University Department of Chemistry and Biochemistry Resolving the structure of metallochaperone AztD
4	Prakash Mishra, Chitra Karki, Lin Li , Department of Physics, University of Texas at El Paso Revealing the Mechanisms of PBCV Capsid Assembly
5	Riasat Khan , New Mexico State University, NM Finite Difference Monodomain Modeling of Cardiac Tissue with Optimal Parameters
6	Sharad Mahatara , Central Michigan University AFLOWpi: Calculations of the Elastic Constants
7	Surya Banerjee and Dr. Suparna Chatterjee , New Mexico State University Makerspaces Learning Experience: technology Empowering Students to Create and Connect
8	Umesh M. Rangappa , Ph.D University of Agriculture sciences, Department of Agronomy, Raichur, Karnataka, India Ways and means to improve Nitrogen use efficiency in sub-tropical India
9	H. Shokri*, G.A. Eiceman*, E.G. Nazarov*, W. Niu**, B.D. Gardner**, T. Zimmerman

	<p>*Department of Chemistry and Biochemistry, New Mexico State University, Las Cruces NM, **UTC Aerospace Systems, Pomona CA 91767</p> <p>Spectral Analysis by Neural Networks for Compound Identification in Ion Mobility Spectrometry toward Small Tandem IMS Architectures</p>
<p>Session III (1:15 pm –2:00 pm) (Oral Presentation) Announcer – Bhupendra Kumar Gurung</p>	
01:15-01:30	<p>Humanath Poudel, Department of Chemistry and Biochemistry, New Mexico State University</p> <p>Molecular dynamics simulations of how lipid composition of cellular membranes affects viscoelastic properties of cells</p>
01:30-01:45	<p>Bibhushana Poudyal, The University of Texas at El Paso, Rhetoric and Composition</p> <p>Digital Archiving Against (and Along?) the Grain</p>
01:45-2:00	<p>Bimal K C, University of Texas at El Paso</p> <p>Classical molecular dynamics simulations of melting curve of copper</p>
	<p>Guest Talk Series: (2:00 – 5:40 pm) Announcers– Rishi Sapkota before the Networking Break, and Gopal Tamang after the Networking Break</p>
02:00- 02:30	<p>Guest Speaker: Dr. Rajan Ghimire, New Mexico State University, Agricultural Science Center, Clovis, NM</p> <p>Conservation Technologies for Sustainable Crop Production: Implications for Agriculture in Nepal</p>
02:30-03:00	<p>Guest Speaker: - Dr. Erik Yukl, New Mexico State University, Department of Chemistry & Biochemistry, Las Cruces, NM</p> <p>Structure and Mechanism of Bacterial Zinc Import Proteins.</p>
03:00-03:30	<p>Guest Speaker: Dr. Desh Raj Sonyok, Development for Global South, Washington DC</p> <p>Good Governance and Development in Nepal: A Conceptual Framework</p>
03:30-03:40	<p>Networking Break</p>
03:40-04:10	<p>Guest Speaker: Mr. Kiran Sitoula, Vice Mayer, Town of Indian Head, Maryland</p> <p>Empowering the Nation through Effective Elected Local Legislators in Nepal</p>
04:10-04:40	<p>Special Guest Speaker: Prof. Dr. Gyan Neupane, Arizona State University, Arizona</p> <p>Can Tourism Help Transform Nepal toward a Peaceful and Prosperous Nation?</p>
04:40-05:25	<p>Keynote Speaker: Dr. Amod Kumar Pokhrel, University of California, Berkeley</p> <p>Transforming Lives Through Technology & Empowerment</p>
05:25-05:30	<p>Vote of Thanks – Gopal Tamang</p>
	<p>Photo Sessions</p>
06:00-07:30	<p>Post Conference Social Banquet and Prizes</p> <p>Filton Hall, The 3rd Floor Bistro at the Danny Villanueva Victory Club, Las Cruces</p> <p>Announcer - Anita Dhakal Acharya</p>