



NeSA 9th International Conference on Science and Technology-New Perspectives and Challenges



April 1, 2017
Dominici Hall, Room #109
New Mexico State University

SCHEDULE OF EVENTS

8:00 - 8:45 am	Registration and Refreshment Violin Performance Jessie O'Hara
Opening session (9:00 am—9:45 am) (Opening Ceremony)	
	<ul style="list-style-type: none"> Welcome by Academic Director Menuka Karki Welcome by NeSA president Durga Prasad Neupane Welcome by NeSA Advisor, Dr. Ram N. Acharya Remarks by Provost of International Border Program, Dr. Cornell Menking Remarks by Graduate School Dean, Dr. Luis Reyes Remarks by Dean, College of Engineering, Dr. Lakshmi Reddi Best wishes: Letters from previous keynote speakers
Session I (9:45 am -12:00 pm) (Morning Session) Announcer – Menuka Karki/ Chelsea Garo	
9:45-10:00	Luis Martinez Medillin , Engineering New Mexico Resource Network, New Mexico State University Aggie Innovation Space Capstone Integration Project
10:00-10:15	Binod Ghimire - Entomology, Plant Pathology, and Weed Science, New Mexico State University Cover crops effect on soil moisture, weed density, and potentially mineralizable carbon in a winter wheat-fallow system
10:15-10:30	Haley Luster , Department of Art, New Mexico State University Understanding Medieval Manuscripts Using 21st Century Technology: A Case Study Regarding the Digitization of the Lichfield Gospels
10:30-10:45	Kiran Sapkota , University of Iowa, Iowa City, Iowa Applying communication technologies to improve health care
10:45: 10:55	Networking/Break
10:55-11:10	Dr. Nirmal Adhikari , Electrical and Computer Engineering Department, College of Engineering, University of Texas, El Paso, TX Nanoscale Charge Transport in Perovskite Solar Cell and Prospects of Two Dimensional Layered Materials: Research and Device Applications
11:10-11:25	Srijana Dura , Department of Plant and Environmental Science, New Mexico State University Screening of U.S mini core of peanut for resistance against Sclerotinia blight caused by <i>Sclerotinia sclerotiorum</i>
11:25-11:40	Joann Latorre , Interdisciplinary Doctoral Candidate, Department of Chemistry and Department of Curriculum and Instruction, New Mexico State University Literature Review: Building Science Skills and Learning in College Students
11:40-12.10	Guest Speaker: Terry Lombard , Director, Intellectual and Technology Transfer, Arrowhead Center, New Mexico State University Intellectual Property and Licensing 101
Session II (12:10 pm -1:30 pm) (Lunch Break/Posters) Piano/Keyboard Performance: Liz Liano	
Posters	
1	Apar GC . Department of Agriculture and Agribusiness, New Mexico State University A Gravity Model on Analysis of Cotton Trade of USA with Major business alliances
2	Hunter Myuz , Department of Psychology, New Mexico State University Credulously Religious or Religiously Credulous: Potential Performance Theory as Applied to Religiosity and Credulity
3	Ravi Shah , Electrical Engineering, New Mexico State University New Mexico State University from an Aggie's Eye: New Mexico State University
4	Binod Poudel , Department of Physics, New Mexico State University X-Ray Reflectometry Studies of Ti Thin Film on Si (100)
5	Roshani Rajbanshi , Curriculum and Instruction, New Mexico State University Learning through technology in student-centered approach
6	Shivani Chhillar , Pawan K. Mittal Department of Zoology, Panjab University, Chandigarh, India Protective Role of Vitamin Supplementation in Pesticide Induced Reproductive Toxicity in Mice

7	Umesh Bhattarai, Department of Chemistry, University of New Mexico Regulation of microRNA using bi-functional molecule
8	Tesneem Nusayr, Department of Molecular Biology, New Mexico State University A Novel groel Gene from the Endosymbiont of Beet Laphopper, Candidatus Sulciamuelleri
9	Ibrahim Jawarneh, Department of Mathematics, New Mexico State University Dynamical Systems and Conley's Topological Index
10	Leslie Toledo, Department of Biology, New Mexico State University Voice Against Cancer, the NMSU club that raises cancer awareness among NMSU students
11	Andres Indacochea, Department of Entomology, Plant Pathology and Weed Science, New Mexico State University Short-range responses of the kissing bug <i>Triatoma rubida</i> to heat, light, moisture and carbon dioxide
12	Rishi Sapkota, Department of Chemistry and Biochemistry, New Mexico State University Fluorescent triazoloborolopyridinium dyes for cross metathesis labeling
13	Razia Sultana Mohammad, Department of Molecular Biology, New Mexico State University Regulation of Sirtuins in Heart of Streptozotocin-Induced Diabetic Rats by Garlic and Resveratrol
14	Khandaker Iftekharul, Water Science and Management, New Mexico State University Alternative analysis for adaptation to climate change at coastal delta
15	Jaya Poudel, Department of Chemistry and Biochemistry, New Mexico State University Utilization of tripodal ligand bound molybdenum complexes in mimicking sulfite oxidase enzyme to study oxygen atom transfer reactivity
16	Stephanie H. Fullam, Durga Neupane, Erik Yukl, Department of Chemistry and Biochemistry, New Mexico State University Periplasmic Zinc Transfer Reduction by Site Directed Mutagenesis
17	Durga Neupane, Anitha Sundararajan and Erik Yukl, Department of Chemistry and Biochemistry Zinc dependent Transcription profile by RNA Seq in <i>Paracoccus denitrificans</i>
18	Roma Mukhopadhyay, Dr. Erik T Yukl, Department of Chemistry and Biochemistry, New Mexico State University Cysteine-dependent role of <i>Vibrio cholerae</i> H-NOX
19	Hossein Shokri, and Gary A. Eiceman, New Mexico State University Vapor Modified Transformation of Gas Ions of Small Molecules from a Range of Proton Affinities in Tandem Differential Mobility Spectrometry: Control of Quantitative Response Using Water Vapor
Session III (1:30 pm -5:30 pm) (Afternoon Session - Oral Presentation, Keynote and Guest Speaker) Announcer – Binod Paudel / Ravi Shah	
1:30-1:45	Dr. Pradip Saud, Extension Animal Sciences and Natural Resources, New Mexico State University Dry Mixed Conifer Forests of South Central New Mexico
1:45- 2:00	Deepak Kunwar, Department of Department of Chemical & Biological Engineering, University of New Mexico Achieving high loadings of thermally stable single atom Pt on ceria
2:00-2:15	Nasreen Alsharman, Department of Computer Science, New Mexico State University Keyphrase Extraction for Automatic Summarization
2:15-2:30	Dr.Jainder Chhillar, Department of Zoology, Pt CLS Government College, Sector 14, Karnal, Haryana, India Molecular Phylogeny of hard-ticks belonging to subfamily Rhipicephalinae based of multiple genetic markers
2.30-2:45	Surendra Thapa, Department of Chemistry and Chemical Biology, University of New Mexico Copper-Catalyzed direct and tandem coupling of alkyl- and alkenylzinc reagents
2:45-3:05	Guest Speaker Dr. Keshab Paudel, President, Non-Resident Nepalese Association Nepalese Diaspora: possibilities and opportunities
3.05-3:15	Remarks by Dean Rolando Flores, Agricultural, Consumer and Environmental Sciences, New Mexico State University
3: 15-3:30	Networking/Break Guest Talk Series: Announcer – Menuka Karki
3:30- 4:00	Guest Speaker - Dr. Santosh Sapkota, Vice President, America Nepal Medical Foundation (ANMF) Old Sight, New Vision
4:00-4:45	Chief Guest Speaker - Dr. Megha N. Parajulee, Professor, Faculty Fellow, and Regents Fellow, Texas A&M University AgriLife Research and Extension Center, Lubbock, Texas History, Livelihood, Science and Technology: A Tale of Ecologically Intensive Pest Management in Texas Cotton
4:45-5:30	Keynote Speaker - Dr. Arjun Kumar Karki, Ambassador, Embassy of Nepal, Washington DC Democracy, Diplomacy and Development
	Closing and Vote of Thanks
5.30-7:30 pm	Post Conference Social Banquet and Prizes Dona Ana Room, 3rd Floor, Corbett Center, NMSU