



**Sixth International Conference on
National Development: Opportunities and
Challenges for the Diaspora**

March 22, 2014

O'Donnell Hall, NMSU Campus

Nepalese Students' Association

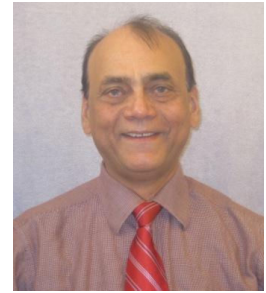
New Mexico State University

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Sixth NeSA NMSU International Conference

NeSA NMSU presents Keynote Speaker

Dr. Ambika P. Adhikari is a Program Manager (Research) at Arizona State University (ASU). He is also a Senior Sustainability Scientist at ASU's Global Institute of Sustainability and a Faculty Associate at School of Geographical Sciences and Urban Planning. Dr. Adhikari received his Doctorate in Urban Planning from Harvard University (1990), and obtained postgraduate degrees and fellowships (SPURS Fellow, 1987) at MIT and University of Hawaii (Master of Architecture, 1980).



He worked as a Senior Planner in Arizona and Program Manager for international projects at DPRA in Toronto and Washington DC. He was a Nepal Country Representative of the Switzerland-based IUCN – International Union for Conservation of Nature from 1997-2000. He has published several books and articles in international and national journals. Currently, Dr. Adhikari is a Patron of NRNA, an organization of the global Nepali Diaspora.

Special Guest Speaker

Dr. Megha N. Parajulee currently serves as Cotton Entomology Project Leader and Professor at Texas A&M University System AgriLife Research Cotton Entomology Program in Lubbock. Dr. Parajulee is native of Gorkha, Nepal. He received his BSc (Ag.) from Himachal Pradesh Agriculture University, Solan, India (1987), and Master of Science (1991) and PhD (1994) in Entomology from the University of Wisconsin-Madison. He has extensive research experience and expertise in ecology and population dynamics modeling of arthropod pests. He was awarded Texas A&M Vice Chancellor's Award in Research Excellence (2009) and Texas AgriLife Research Faculty Fellow Award (2010), and Texas A&M University System Regents Fellow Award (2011).



Guest Speaker

Dr. Doleshwor Bhandari has been working at the University of New Mexico's (UNM) Bureau of Business and Economic Research (BBER) since July 2008. His research focus has been economic impact analysis, economic modeling, statistical analysis and health related studies. Before joining BBER, Dr. Bhandari earned his Ph.D. in Agricultural Economics at the University of Missouri, Columbia. His dissertation research analyzed the impact of spatial interactions between Missouri counties on the local labor, housing and public goods markets. Mr. Bhandari obtained a master's degree in Agricultural Economics from Louisiana State University, Baton Rouge in 2003. Before joining the master's program, he worked for nine years in various community development programs in Nepal.



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Schedule of Events:

- 08:00-09:00 Registration
- 09:00-09:40 **Opening session**
- 09:00-09:10 Preparation and proceeding to the conference hall
- 09:10-09:25 Speech by Graduate school Dean Interim, **Dr. Loui Reyes**
- 09:25-09:35 Welcome speech by NeSA Advisor, **Dr. Ram N Acharya**
- 09:35-09:40 Welcome speech by NeSA president **Rishi Sapkota**

Session I (9:40-12:00) (Morning Session)

- 09:40-10:00 **Sanjay Timilsina**, (UTEP). Comparative Structural Analysis of Phospholipase A2 and Combinatorial Screening of PLA2 Inhibitors
- 10:00-10:20 **Valeria Aguirre Holguin**, (NMSU). The pivotal role of mathematical definitions in the constructions of proofs
- 10:20-10:40 **Sarvesh Dip Dhakal**, (UTEP). Moisture Susceptibility of Asphalt Concrete
- 10:40-11:00 **Bishnu H. Dhakal***, Rajesh K. Patti, James W. Herndon (NMSU).
Study of the 1, 7-hydrate shift in the preparation of alkylideneephthalans through the coupling of Fischer carbene complexes with o-alkynyl carbonyl system
- 11:00-11:20 **Zheng Wei**, (NMSU). How to Explain the Definition of Stochastic Affiliation to Economics
- 11:20-11:40 **Rishi Sapkota**, (NMSU). Vancomycin, the last resort of antibiotic
- 11:40-12:00 **Gaurav Thapa**, (NMSU). Exploring The Possibility of Bus Rapid Transit In The Urban Core of Kathmandu Valley, Nepal

Session II (12:00- 13:00)(Lunch Break/Posters)

Voice Against Cancer Representative (NMSU). Reducing Cancer burden globally: An initiative of NMSU Voice Against Cancer organization

Julio Urendra, (NMSU). Algorithmic Aspects of the Embedding Problem

Lokendra Paudel, (NMSU). Kronecker Function Rings of Ring Extensions

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Session III (13:00p- 14:20) (Afternoon Session)

- 13:00-13:20 **Roshani Rajbanshi**, (NMSU). Vector Borne Disease—Kala Azar (Visceral Leishmaniasis) in Nepal
- 13:20-13:40 **Desh R Sonyok**, (NMSU). Evolutionary Physiology as a Deductive-Nomological Model of Corruption Behavior
- 13:40-14:00 **Pradip R Aryal***, Lokendra Paudel, Deepak Basyal (NMSU).
An Initiation: Religious Model of Nepal
- 14:00-14:10 **Coffee Break**
- 14:10-14:40 Guest Speaker: **Dr. Doleshwor Bhandari**, (UNM). Why happiness matters?
- 14:40-15:15 Special Guest Speaker: **Dr. Megha N Parajulee**, (Texas A&M).
Fulbright Experience in Agriculture Research, Teaching, and Outreach in Nepal:
Opportunity for Fostering Collaborative Linkages
- 15:15-16:00 Keynote Speaker: **Dr. Ambika P Adhikari**, (ASU). National Development: Challenges and opportunities for Diaspora
- 16:00-16:15 Felicitation to Speakers
- 16:15-16:20 Closing Remarks

Note: All abstracts for presentation, posters and exhibits are posted in our website. Please visit web.nmsu.edu/~nesa for more information.

Acknowledgements:

The NeSA would like to thank the Graduate School Dean Interim, Dr. Loui Reyes, and the head of the Department of Mathematical Sciences, Graduate School, International Border Program, Campus Activities, and College of Education for their support.

Special thanks to the faculty, staffs and the students and the presenters who have tirelessly worked in making the sixth NeSA NMSU International Conference a success. We could have not done it without you.

NMSU: New Mexico State University, Las Cruces, NM; UTEP: University of Texas, El Paso, TX; UNM: University of New Mexico, Albuquerque, NM; Texas A&M- Texas A&M University, College Station, TX; Texas Tech: Texas Tech University, Lubbock, TX; ASU: Arizona State University, Tempe, AZ.

Sixth NeSA NMSU International Conference

Organizing Committee:

1. Deepak Basyal (Program Coordinator and Director of Academic Committee)
2. Deepak Subedi
3. Desh Raj Sonyok
4. Lekha N Adhikari
5. Lokendra Paudel
6. Pradip R Aryal

Join us for dinner at 4:30pm

Venue: Corbett Student Union, 3rd Floor, East Ballroom

