

Dr. Nanda P. Joshi



Dr. Nanda P. Joshi

Assistant Professor

Department of Animal Science

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Education:

PhD Animal Science, Michigan State University, USA

MS Animal Science, The Ohio State University, USA

B Sc Animal Husbandry, Punjab Agricultural University, Ludhiana, Punjab, India

Professional Career (past 15 years)

2017 July – present Assistant Professor and WorldTAP - Food Safety Program Director

2015 - 2017 June Assistant Professor and Director of International Program, CVM and ANS

2009 – 14 June Assistant Professor, Department of Animal Science

2007 – 2009 Assistant Professor, Large Animal Clinical Science

2003 – 2006 Clinical Nutritionist, DCPAH, CVM

1999 – 2002 Visiting Faculty, Animal Science,

Awards and Recognition

In 2015, for my contributions to international agricultural development, I received a Special Recognition Award from the MSU International Studies and Programs.

External grants received (2009 – 2016): \$3,232,845

During the period of 2009 – 2016, I received grants (As PI or Co-PI) totaling \$3,232,845 for research and

non-credit instructions.

Key Qualifications:

Dr. Nanda Joshi is assistant Professor in the Department of Animal Science (ANS), College of Agriculture and Natural resources (CANR). He completed his two year tenure as the Director of International Programs, College of Veterinary Medicine and ANS. In addition to his International program management responsibilities, he coordinated and managed international training programs in Animal Agriculture, Food Safety and Dairy Production Medicine clerkship program for Japanese Veterinarians. Currently, he serves as the thematic leader in Animal Agriculture for the South Asia Partnership (SAP) initiative of the CANR; Food Safety Program Director for the World Technology Access Program (WorldTAP) of CANR. He was PI of a Livestock Climate Change Collaborative Research Support Project (LCC CRSP) – “Improving Nutrition and Production of Buffaloes to adapt to the Impacts of Climate Change in Nepal” (funded by USAID). Prior to that in 2012, he completed a pilot study “Enhancing Livestock Production Systems in Tajikistan to Mitigate Potential Impacts of Climate Change” under the USAID. This study has been focused on the impacts of climate change on forage production in pastures and cultivated land for buffalo production in Nepal. Before joining, Michigan State University, he spent several years (1978 – 1990) at the Institute of Agriculture and Animal Science, Tribhuvan University as Professor in Animal Production. He worked as a subject matter advisor to Nepal Agriculture Research Council (NARC) under USAID/ATS project in Nepal (1992-1993). During the period, he trained more than 300 scientists and researchers in prioritizing farmers concerns in their research projects. He also served as the Scientific Research Coordinator for Makalu-Barun National Parks and Conservation (1992 - 1999). He coordinated and managed research programs, including grant administration and monitoring and evaluation.

Professional Interest:

Animal agriculture, smallholder farming systems, international development, capacity building,

Specific Areas of Interest:

International animal agriculture; Capacity building, Food Safety and Food Security

Professional Background and accomplishments:

January 1, 2016 - December 2016: Assistant Professor and Director, International Program, CVM and ANS

- After the completion of LCC CRSP project “Improving Nutrition and Productivity of Buffaloes to adapt to the impacts of Climate Change in Nepal in September 2015, a site visit to meet with stakeholders in the research sites (January 3 – 17, 2016) to assess impact and continuity of activities by the farmers.
- Participated in annual meeting of the “Appropriate Scale Mechanization Consortium (ASMC)” under “ Feed the Future Sustainable Intensification Lab” managed by Kansas State University and identified areas for improvement in feeding systems for working oxen in the project sites in Burkina Faso (03/06/2016 – 03/11/2016)

- Hosted Vice Chancellor and the Director of Research, Agriculture and Forestry University, Nepal from April 2 – 9, 2016. During their visit, the team met with MSU authorities and discussed progress made at the University after the operational plans were finalized. MSU helped in preparing Strategic plan development of the University.
- Site visit to Nepal to develop “One health Study Abroad Program” along with Dr. Melinda Wilkins (April 21 to May 2, 2016). The program has been approved and listed in ISP Study Abroad Programs for the summer of 2017.
- Organized workshop on Dairy Production Medicine at Obihiro, Japan for Tokachi NOSAI veterinarians (May 14 – 19, 2016)
- Participated in ASMC Annual Meeting in Burkina Faso and Ethiopia to launch project research hubs (May 27/2016 – June 12/2016). Presented “Knowledge Management” as envisaged in the project to the stakeholders in Ethiopia and Burkina Faso.
- Completed Food Safety short course with 29 participants representing more than 16 countries in July 17 – 24, 2016
- International Program brochure Revised and distributed (July, 2016)
- International Program website update (Nov/Dec, 2016)
- International Program database continued to be updated
- Constantly informed the opportunities available to the faculty through correspondence and meetings with the Department chairs.
- Regular meetings (Every two weeks during the spring and fall semester) with the ISP Directors to identify common areas of interest around the globe livestock and veterinary programs.
- Hosted three Japanese NOSAI Veterinarians in Dairy production Medicine Clerkship (Joshi and Grooms Oct 22 – Nov 13, 2016)
- Visited Agriculture and Forestry University and Kathmandu University along with Dr. Alocilja Evangeline, Professor, Agriculture and Biosystems Engineering and Dr. Siddharth Chandra, Director Asian Studies Center (December 19 – January 9). This trip was to test nanotechnology (Nano particles developed by Dr. Alocilja) in human and animals for rapid diagnostics for pathogens. Very encouraging results were obtained at the field tests.

January 1, 2015 - December 2015: Assistant Professor and from July 1: Director, International Program, CVM and ANS

- Rwanda research exchange (June, 2015)
- Completed Food Safety short course with 35 participants representing more than 16 countries in July 16 – 23, 2015
- International Program brochure developed and distributed (July, 2015)
- International Program website went live (August, 2015)
- International Program database initiated (July 2015)
- Met with the Department chairs and Center Directors regarding international program initiatives – presented International program initiative in faculty meetings.
- Met with the stakeholders – MVMA, student bodies and faculty across campus
- Regular meetings with the ISP Directors to identify common areas of interest around the globe livestock and veterinary programs.

- Completed LCC CRSP project in Nepal (September, 2015) – report submitted
- Hosted three Japanese NOSAI Veterinarians in Dairy production Medicine Clerkship (Joshi and Grooms Oct 20 – Nov 08, 2015)

January 1, 2014 – December 2014: Assistant Professor, Department of Animal Science

- Keynote speech at the JUICE Conference in Jaffna, Sri Lanka December 18, 2014
- Completed Annual Review Workshop in Nepal (Joshi and Nepal Co-PIs) on Nov 20, 2014.
- Conducted training for 25 scientists/technicians in BioPryn Test (Pursley and Joshi), Nov 12-14, 2014
- Conducted Advanced Dairy Cattle Nutrition Short Course (Allen and Joshi), Nov 21, 2014
- Hosted three Japanese NOSAI Veterinarians in Dairy production Medicine Clerkship (Joshi and Grooms Oct 20 – Nov 09, 2014)
- Participated in Research Exchange in Rwanda (John and Joshi), September 2014
- Hosted 20 Indonesian Scientists in Research Project Management Training Program at MSU August 10 – 21, 2014 (Joshi and Maredia)
- Hosted three ICAR scientists from March 1-16, 2014 (Joshi and Maredia)
- Funding for Zoonoses in Nepal project sites received in August, 2014 (Joshi).
- Received supplemental grant to establish Pregnancy Diagnosis using BioPryn Test in Nepal (Joshi) August 2014
- Completed Food Safety short course with 40 participants representing more than 17 countries (Joshi and Maredia) in July 19 – 26, 2014
- Conducted training program for Gender research in Nepal (Racioppi, Galhena and Joshi) in May, 2014.
- Guest Lecture in CSS 294 (February, 2014) Integrated Livestock Production system.

January 1 – December 31, 2013: Assistant Professor, Department of Animal Science

- Hosted High level officials from Nepal from March 9 – 16, 2013 under a strategic Partnership Grant.
- Participated in Pasture and climate Change Workshop in Orlando, FL (Feb 12-14, 2014)
- Conducted Food Safety Workshop jointly with FSAI and Teri in Delhi, India From March 19 -20, 2013
- Conducted field visit the research sites in March 22 -27
- In May 2013, conducted Reproduction Management Workshop, Field visit with MSU faculty
- In May 15th, 2013, MSU and Agriculture and Forestry University jointly organized a national workshop on “Strategic Planning” inaugurated by the Prime Minister of Nepal and Minister of Education, Nepal at Shankar Hotel, Nepal. Nine MSU faculty participated in the workshop
- On May 13th, 2013, MSU jointly hosted the MSU Alumni dinner in Kathmandu.
- Hosted Borlaug Fellows April – June, 2013
- Hosted Cochran Fellows in July and August, 2013
- Hosted Dairy Team from India under Strategic Partnership Program to develop program in Dairy jointly in India
- Hosted NOSAI veterinarians, October/November, 2013

- Visited Aarey Milk Colony, Dairy Training Institute, AMUL to study the feasibility of developing joint program in India.
- Organized Annual Review Workshop in Kathmandu and field visits of research sites. Proceeding is under preparation.
- Submitted a supplementary Grant proposal to LCC CRSP for \$50,000 for BioPryn Lab, Nutritional analysis

January 1 –December 31, 2012: Assistant Professor, Department of Animal Science

- January 1-12, 2012: Visited Nepal and conducted stakeholder meetings at Nepal Agricultural Research Council (NARC), Agriculture and Forestry University (AFU) and Department of Livestock Services (DLS)
- In May 18, 2012: \$450,000 grant to conduct climate change research in Nepal effective from May/June 2012 – through May/June 2015.
- In July and August hosted Cochran fellows in Animal Agriculture Short Course and Food Safety Short Courses

January 1 2011 – December 2012: Assistant Professor, Department of Animal Science

- Received \$80,000 grant under Livestock Climate Change Collaborative Research Support Project (LCC CRSP) to conduct research on “Enhancing Livestock Production Systems in Tajikistan to Mitigate Potential Impacts of Climate Change” for the period of January 1 – December 31, 2011.
- **Conducted Ruminant nutrition workshop:** Jointly (USDA, IVMS and MSU) organized a workshop on “Ruminant Nutrition” in Erbil, Iraq from January11-16. This was funded by USDA. There were 35 veterinarians from all across Iraq participated in this workshop.
- **Project Initiation Workshop:** Conducted a project initiation workshop in Dushanbe Tajikistan on March 1, 2011 jointly with the Tajik Research Institute for Livestock (RIL) to initiate Livestock Climate Change Collaborative Research Support Project (LCC CRSP) small grant program).
- **Hosted Cochran fellows in Food Safety short course:** FAS grant to host 8 Cochran fellows to train in Food Safety short course form July 21 – 27, 2011.
- **PI,** obtained USDA-FAS grant to host one Cochran fellow from Uganda in Animal Agriculture short course form August 11-17, 2011.
- **Co-PI** in funded proposal to host three Borlaug Fellows from East Africa (\$88,928)
- Conducted a 3-week Production Medicine Clerkship for 4 NOSAI, Japan veterinarians from October 20- November 10, 2011.
- **Project Review Workshop:** Conducted the FORT project review workshop on December 20, 2011 in Dushanbe, Tajikistan, jointly with the Tajik Research Institute of Livestock (RIL).

July 2009 – December 2010: Assistant Professor, Department of Animal Science/ IIA

- Organized Production Medicine Clerkship for 3 Japanese Veterinarians Oct-Nov, 2009 and Oct-Nov 2010.

- Conducted Food Safety Short Course in July/August in 2009 and 2010
- Conducted Animal Agriculture Short course in August 2009 and August 2010
- Received a strategic partnership grant to develop joint proposals in dairy reproduction and nutrition with National Dairy Research Institute, India
- Visited Jaffna University, Sri Lanka to develop partnership in capacity building for the Agriculture College in 2010.
- Hosted scientist from NDRI Karnal to develop strategic partnership
- Participated in Asian Biotechnology conference in Candy, Sri Lanka in December 2010.
- Hosted 3 Iraqi scientists under USDA-FAS Scientific exchange program September to November 2010
- Hosted three Borlaug fellows from Africa (Kenya, South Africa and Mozambique in Food Safety form September – November, 2010

January 2006 – June 2009: Assistant Professor, Large Animal Clinical Sciences, CVM

- Organized a training and visit for Japanese veterinarians for three weeks in Michigan (Feb 2009)
- Wrote a book chapter in 5th Food Animal Practice “Clinical Use of Ultrasound for Subcutaneous Fat Thickness Measurements in Dairy Cattle. In (ed. David E. Anderson and D. Michael Rings) Current Veterinary Therapy 5: Food Animal Practices.
- Organized (Jointly with GBPUA&T, Pantnagar) “International Symposium “Food Safety Standards and Regulations: Concerns and Strategies” from Nov 7-9, 2008 at Pantnagar, India
- Co-authored a book “Food Safety Standards and Regulations: Concerns and Strategies”
- Co-hosted the 4th Asian Conference on Biotechnology and Development” in Kathmandu (Feb 12 – 13, 2009)
- Hosted International visitors and coordinated visits/interactions with CVM/DCPAH/TCDP and ANS faculty at different times (Visitors from, Sri Lanka and India)
- Developed Study Abroad Program in India
- Participated in “Agricultural Knowledge Initiative” workshop in Delhi, India from January 25-26, 2007
- Participated and presented paper at “Asian Biotechnology and Innovation and Development Initiative” workshop in Delhi, India from January 21-23, 2007
- Presented a paper at ICPD 13th in Leipzig, Germany August 2007

January 2003 – December 2005: Research Associate in Clinical Nutrition

- Conducted research on diagnostic tools for metabolic diseases and presented papers in several international conferences (Quebec 2004, East Lansing 2004)
- Organize International Conference on Production Diseases of Farm Animals in summer of 2004 at East Lansing, MI 2004
- Assisted in establishing Training Center for Dairy Professionals at Green Meadows, Elsie, especially in computer laboratory and website development for TCDP and teaching DC305
- Guided professorial students in research projects (2003, 2004 and 2005)
- Studied mineral status of dairy cows in MI by using data from GMF

January 1999 – December 2002: Research Associate Department of Animal Science/Biosystems/IIA

- Developed and co-taught Comprehensive Nutrient Management Planning (CNMP) certification program to MDA officials and county agents ~100 trained (fall 2000, spring & fall 2001)
- Developed and co-taught ANS 490 CNMP to undergraduate course (fall 2000)
- Developed and co-taught ANS 418 CNMP
- Developed and organized “International short course on Animal Waste Management for Minimal Environmental Impact: Comprehensive Nutrient Management Planning (CNMP)” summer (Aug 4 – 11, 2001)
- Developed and conducted Study Abroad Program for summer in “Water Resources and Environmental Issues in South and South Asia” in summer of 2002

September 1993 – July 1998: Scientific Research Coordinator, Makalu-Barun National Parks and Conservation Project, Nepal

- Research grants administration
- Strategic planning and Development of annual operational plans

September 1992 – August 1993: Farming Systems Advisor – Agricultural Technology Systems Project USDAID/NARC, Nepal

- Trained research scientists in Diagnostic Rapid rural Appraisal Survey Techniques;
- guided the Scientists in Diagnostic RRA surveys;
- Prepared 12 survey reports used to plan client based research agenda for Nepal Agricultural Research Council (NARC).

Memberships Professional Associations:

1. Nepal Agricultural Association, Life Member since 1986;
2. Nepal Animal Science Association, Life Member since 1988;
3. Animal Nutrition Society of India, Life Member since 1988;
4. American Society of Animal Science Member since 1982;
5. Sigma Psi, Assoc. Member since 1985

International Travel for Professional Activities:

India, Pakistan, Bangladesh, Sri Lanka, Thailand, Malaysia, Singapore, People’s Republic of China, Indonesia, the Philippines, Canada, Germany, Japan, Tajikistan, Kyrgyzstan, Syria, Iraq, Rwanda, Turkey, Burkina Faso and Ethiopia.

Computer skills:

Statistical Analysis –SAS; Database Management – MS Access; Web development: Dream Weaver; Dairy Comp 305 and PC Dart

Publications (research papers, policy briefs, book chapters, proceedings):

- Devkota, D., N. R. Devkota, and **N. P. Joshi** 2015. Gender role and buffalo rearing decision in Nepal. Nepalese Journal of Agricultural Sciences Vol 13 pp: 176 – 193 September 2015. ISSN 2091 -042X
- Devkota, N. R., P. Pokharel, L. N. Paudel, C. R. Upreti **and N. P. Joshi** 2015. Performance Potential of Teosinte (*Euchlaena mexicana*) as a Promising Summer Forage Crop with Respect to location and sowing Dates for considering the scenario of possible climate change in Nepal. Nepalese Journal of Agricultural Sciences Vol 13 pp: 131 – 141 September 2015. ISSN 2091 -042X
- Devkota, N. R., C. R. Upreti, L. N. Poudel, **N. P. Joshi**. 2015. Production Potentials of Promising Oat varieties in Combination with Legumes at Farmer’s Condition. Nepalese Journal of Agricultural Sciences Vol 13 pp: 142 – 150 September 2015. ISSN 2091 -042X
- Paudel, L. N., N. R. Devkota and **N. P. Joshi** 2015. Milk Production Potential of Buffaloes under the Farmers Field Conditions in the Gandaki River Basin with Reference to Climate Change in Nepal. In the Book of Abstracts P 27. Asian Buffalo Congress 2015, Istanbul Turkey
- Upreti, C. R., M. Karki, N. R. Devkota, L. N. Paudel and **N. P. Joshi**. 2015. Study on the Effect of Different Levels of Protein Containing Concentrate Feed on the Milk Production of Buffaloes in Farmer’s Field Condition in Chitwan District of Nepal. In the Book of Abstracts P 48. Asian Buffalo Congress 2015, Istanbul Turkey.
- Devkota, D., N. R. Devkota, L. N. Paudel, C. R. Upreti and **N. P. Joshi**. Gender Role in Livestock Decision Focusing to Buffalo rearing in Nepal. In the Book of Abstracts P 84. Asian Buffalo Congress 2015, Istanbul Turkey.
- Devkota, N. R., P. Pokharel, L. N. Paudel, C. R. Upreti and N. P. Joshi 2015. Performance Potential of Teosinte (*Euchlaena mexicana*) as a Promising Summer Forage Crop with Respect to location and sowing Dates for Commercial Buffalo Farming in the Context of Climate Change. In the Book of Abstracts P 105. Asian Buffalo Congress 2015, Istanbul Turkey.
- Gaire, T. N., S. Karki, I. P. Dhakal, D. R. Khanal, **N. P. Joshi**, B. Sharma and R. A. Bowen. 2014. Cross-Sectional Serosurvey and Associated Factors of Bluetongue Virus Antibodies Presence in Small Ruminants of Nepal. *BMC Research Notes* 2014, Vol.7:691
- Devkota, N. R., C. R. Upreti, L. N. Poudel, **N. P. Joshi**. 2013. Production Potentials of Promising Oat varieties in Combination with Legumes at Farmer’s Condition. Pp 7 – 15. In the proceedings of Annual Review Workshop “Improving Nutrition and Reproduction of Buffaloes to adapt to the Impacts of Climate Change in Nepal
- Devkota, D., N. Bhattarai, N. R. Devkota, C. R. Upreti, L. N. Poudel, L. Racioppi, N. P. Joshi. 2013. Livestock Technology Uptake and Gender Role Differences in Relation to Buffalo rearing: A Case Study of Chanauli, Chitwan, Nepal. in Nepal. Pp: 30 – 35. In the proceedings of Annual Review Workshop “Improving Nutrition and Reproduction of Buffaloes to adapt to the Impacts of Climate Change
- Bastola, R. **N. P. Joshi**, C. R. Upreti, N. R. Devkota, L. N. Poudel and B. D. Devkota. 2013. Disease Status of Buffaloes in three Districts: Chitwan, Tanahun and Gorkha, Nepal. Pp: 39 – 41. In the proceedings of Annual Review Workshop “Improving Nutrition and Reproduction of Buffaloes to adapt to the Impacts of Climate Change”. Poster

- Pokharel, P., N. R. Devkota, S. Upreti, C. R. Upreti, L. N. Poudel and **N. P. Joshi**. 2013. Production Potentials of Teosinte (*Euchlaena mexicana* shrad). Pp: 42 – 45. In the proceedings of Annual Review Workshop “Improving Nutrition and Reproduction of Buffaloes to adapt to the Impacts of Climate Change”. Poster.
- Joshi, N. P.**, C. R. Upreti, N. R. Devkota and L. N. Paudel. 2013. Improving Nutrition and Productivity of Buffaloes to Adapt to the Impacts of Climate Change in Nepal. Feed the Future Livestock Innovation Lab; Adapting Livestock Systems to Climate Change. Pp4. RB – 14-2013
- Maredia, K. N. P. Joshi, K. Fedder, N. Kaushik and A. Bhatnagar 2012. International Conference on Best Practices in Food Safety Implementation. Pp: 5. WorldTAP Policy Brief 2-March 2013. Michigan State University
- Joshi, N. P.**, F. Ikrimov, K. Maredia and L. Racioppi 2012. Enhancing Livestock Production Systems in Tajikistan to Mitigate Potential Impacts of Climate Change. Feed the Future Innovation Lab: Adapting Livestock systems to Climate Change. Pp: 4. RB09-2012
- Maredia, K. N. P. Joshi, K. Fedder, J. Dongare and V. Dhawan. 2012. Building A Functional Food safety System in India: Best Practices in food Safety Implementation in the International Arena. Pp: 5. WorldTAP Policy Brief 1-Nov 2012. Michigan State University
- Joshi, N. P.** and T. H. Herdt, 2008. Clinical Use of Ultrasound for Subcutaneous Fat Thickness Measurements in Dairy Cattle. In (ed. David E. Anderson and D. Michael Rings) Current Veterinary Therapy 5: Food Animal Practices. P 150 – 152.
- Singh, S. P., P. Malik, J. Funk and **N. P. Joshi** 2009 Food Safety, Quality Standards and Regulations: Concerns and Strategies. ISBN – 81-8189-268-2
- Singh, S. P., J. Funk and **N. P. Joshi** 2008. Souvenir edition of the Proceedings of International workshop on Food Safety, Standards and Regulations: Concerns and Strategies”
- Joshi, N. P.** T. H. Herdt and L. Neuder. 2007. Association of Rump Fat Thickness and Plasma NEFA Concentration with Ketosis in Holstein Dairy Cows. In (M. Furll edited.) Proceedings of 13th International Conference on Production Diseases in Farm Animals. P361. Merkur Druck und. Kopier – Zentrum, Germany. ISBN – 978 – 3- 934178-90-8
- Herdt, T. H., N. O’Boyle, **N. P. Joshi** and L. M. Sordillo. 2007. The Potential Interaction of Obesity and Inflammation in the Metabolic Response of Cows to Negative Energy Balance. In (M. Furll edited.) Proceedings of 13th International Conference on Production Diseases in Farm Animals. P:148-154. Merkur Druck und. Kopier – Zentrum, Germany. ISBN – 978 – 3 – 934178 – 90 – 8.
- Dhakal, D. D. and **N. P. Joshi** 2007 Research and Development of Agricultural Biotechnology in Nepal: A Review. In (Chaturvedi and Rao edited) Asian Biotechnology, Innovation and

Development: Issues in Measurement and Collection of Statistics. Research and Information System for Developing Countries (RIS), New Delhi Jan 25-26, 2007. P 62 – 65.

Joshi, N. P. and T. H. Herdt. 2006. Production Diseases in Farm Animals. 12th International Conference. Wageningen Academic Press. pp344. ISBN -1:90-76998-57-4.

Joshi, N. P., T. H. Herdt and D. Grooms. 2006. Monitoring infectious and metabolic diseases in large commercial dairy herds: A case study of Green Meadow Farms, Elsie, Michigan. In the proceedings of International Conference on Infectious and Metabolic Diseases held at Madras Veterinary College, Tamil Nadu University of Veterinary and Animal Sciences, from June 21- 25. page 61- 64.

McCarthy, K.K., LM Neuder and **N Joshi**. 2005. Relationship Between Pre-fresh NEFAs, Fresh Butterfat Percentage, Progesterone Levels Following Pre-Synch and Pregnancy Rates. In Proceedings of American Association of Bovine Parishioners. P:294-295, September 24-26, Salt Lake City, Utah.

Joshi, N. P. T. H. Herdt and L. Neuder. 2004. Association of Rump Fat Thickness and Plasma NEFA Concentration with Postpartum Metabolic Diseases in Holstein Cows. In (Joshi & Herdt edited) Production Diseases in Farm Animals.12th International Conference. Wageningen Academic Press. P45.

Joshi, N.P., T. Herdt and L. Neuder. 2004 Ultrasound measurement of rump fat thickness as a monitoring tool for postpartum metabolic diseases in Holstein Cows. In the proceedings of 23rd World Buiatrics Congress July 11-16, 2004, Quebec Canada

Conner, T, **N. P. Joshi.**, T. Herdt and L. Neuder. 2004. Association of prepartum plasma non-esterified fatty acid concentrations with postpartum metabolic diseases. In the proceedings of 23rd World Buiatrics Congress July 11-16, 2004, Quebec Canada

Joshi, R. M., **N. P. Joshi** and B. Kattel. 1996. Biodiversity Profiles of Nepal with Reference to Protected Areas. A bulletin published on the occasion of the World Environment day. June 5, 1996. p:24.

Joshi, N. P. 1995. Traditional Livelihood Systems in the Makalu-Barun Conservation Area, Nepal: A case study. A paper presented at the “International Preparatory Seminar Cum-Workshop to Develop Projects on Resource Management and Sustainable Livelihood for Traditional Societies in South and Central Asia” held on 10-15, September, 1995 at Faisalabad, Pakistan. p:17.

Joshi, N. P. 1994. Farming Systems and Natural Resources Use in the Makalu-Barun Conservation Area: A vital link for survival. A paper presented at the International Seminar on “Mountain Farming Systems”, jointly organized by FAO and ICIMOD in September 3 - 10, 1994 at Pokhara. p:12.

- Joshi, N. P.,** R. J. Deans and D. E. Ullrey. 1993. Partitioning the Effects of Anti-nutritive Components of Mustard Seed Meal Using Chick Growth Assay. *J. Inst. Agric. Anim. Sci.* Vol. 14:103-107.
- Dhakal, I. P. and **N. P. Joshi.** 1993. An Annotated Bibliography on Animal Husbandry and Veterinary Science in Nepal. Win Rock International, Institute for Agricultural Development, Kathmandu, Nepal. p:169.
- Van Der Veen, M. G., **N. P. Joshi** and N. P. Rajbhandari. 1993. Prioritizing and focusing Agricultural research Towards Client's Needs: Proposed Procedures and Activities. A report prepared for ATSP/NARC/USAID, Nepal Agricultural Research Council. p: 98.
- Osti, N. P., S. B. Panday, and **N. P. Joshi.** 1992. Chemical Composition of Different Varieties of Fodder Tree Species from Gorkha District. A Research Report. p: 15.
- Joshi, N. P.,** R. J. Deans and D. E. Ullrey. 1992. Effect of Temperature, Moisture Duration of Heat Treatment on Lysine Availability in Mustard Seed Meal for Chicks. *J. Inst. Agric. Anim. Sci.* Vol. 13:65-70
- Joshi, N. P.** and S. G. Shah. 1991. Policies and Priorities in Livestock Development in the Past and Future Strategies: Issues and Options. Paper presented at the First National Animal Science Convention Jan 14 - 15, 1991. Lalitpur, Nepal.
- Joshi, N. P.,** S. B. Panday 1991. Available Feed Resources and their contribution in the performance of Livestock and Poultry in Nepal. Paper presented at the International Conference of Animal Nutrition workers in Asia and Pacific, Bangalore, India, 23 - 29, September 1991. p: 30.
- Joshi, N. P.** 1991. Fodder Trees and Shrubs as the Source of Protein Supplements to the Ruminants and as a Means of Soil Stabilization in the Hills of Nepal. Paper presented at the FAO expert consultancy on Leguminous and other Fodder Trees at MARDI, Malaysia, 14 - 18, October, 1991. P: 16.
- Singh, S. B. and **N. P. Joshi,** 1991. Non-conventional Feed Resource for Livestock in Nepal. I Energy Sources (review). *N. J. Anim. Sci.* vol 6:1-18.
- Singh, S. B. and **N. P. Joshi** 1991. Non-conventional Feed Resources for Livestock in Nepal II Protein Sources (Review). *N. J. Anim. Sci.* vol 7: 1 18.
- Joshi, N. P.,** D. R. Dangol, S. B. Singh, K. R. Tiwari and N. K. Gurung. 1990. Species composition of the Natural pasturelands at Gothichaur, Jumla, paper presented in the regional seminar on Himalayan pasture and Fodder Research march 1990. kathmandu. p:17.
- Joshi, N. P.** 1990. Farm Level Animal Feeding System in Nepal. Paper presented at a

seminar on Farm Level Animal Feeding System in Asia and Pacific held in Tokyo, Japan, July 23 - August 3, 1990. p; 30

Singh, S. B., **N. P. Joshi**, K. R. Tiwari, N. K. Gurung and D. R. Dangol. 1990. Evaluation of Native and Exotic Pasture Species at Gothichaur Sheep Farm, Jumla. A paper presented at the Regional Workshop on Himalayan Pasture and Fodder Research. March 22 - 24, 1990. Kathmandu, Nepal. P 21.

Joshi, N. P. 1989. Research Needs in Non Ruminant Nutrition. In the proceedings of the workshop on research Needs in Livestock Production and Animal Health in Nepal. NARC. p: 49 - 53.

Joshi, N. P. and S. B. Singh. 1989. Availability and Utilization of Shrubs and Tree Fodders in Nepal. In (C. Devendra ed) Utilization of Shrubs and Tree Fodders. Bali, Indonesia. p: 21.

Joshi, N. P. 1989. Importance of Fodder Trees in the Mountains. In the Bulletin published by FAO on World Food day, 1989. p: 21 - 27.

Joshi, N. P., and R. J. Deans. 1988. Chemical Characterization of Mustard Oilseed Cake from Nepal. J. Inst. Agric. Anim. Sci. 9: 57 - 61.

Joshi, N. P. 1988. Feed Availability, Requirement for the Animals and current Pattern of Utilization in Nepal. in the Proceedings of Non-conventional Feed Resources and Fibrous Agricultural residues, Strategies for Expanded Use. IDRC, Singapore, p: 147-157.

Nepali, D. B., S. B. Singh, and **N. P. Joshi**. 1988. Effect of Plane of Nutrition on Meat Production from Buffalo Calves and its Economics. Institute of Agriculture and Animal Science. Rampur. A report. p:16.

Joshi, N. P., R. J. Deans and D. E. Ullrey. 1987. The Effect of Heat Treatment of Mustard Oil Meal on Chick Growth. J. Inst. Agric. Anim. Sci. 8:122 - 130.

Nepali, D. B. M. Kharel and **N. P. Joshi**. 1987. Utilization of N/10 Sodium Hydroxide Treated Deoiled Salseed Meal (*Shorea robusta*) to replace crushed maize in the diet of growing pigs. Inst. Agric. Anim. Sci. Research Report on Agricultural Resource Management. Rampur. p: 247 - 272.