

Rajendra Dulal

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Summary

Applied micro-economist with PhD in health economics, and MS in Physics. More than ten years of teaching experience with demonstrated strength in teaching principles of micro & macroeconomics, and quantitative courses. Highly motivated for teaching & research, and strong writing and communication skills.

Education

Ph.D., Economics, Wayne State University, MI August 2016

Dissertation: "Two Essays on Quality, Cost, and Efficiency of Nursing Homes."

Advisor: Allen C. Goodman.

M.A., Economics, Western Illinois University, IL July 2011

M.S., Physics, UMASS Boston, MA August 2010

Professional Experience

09/16-Present **Post-Doctoral Scholar**, Department of Medicine
Stanford University, CA

08/15-06/16 **Pre-Doctoral training**, Institute of Gerontology
Wayne State University, MI

Part-time Faculty, Department of Economics
Wayne State University, MI

08/12-07/15 **Teaching Assistant**, Department of Economics
Wayne State University, MI

08/2010-05/2011 **Teaching Assistant**, Department of Economics
Western Illinois University, IL

08/2008-07/2010 **Teaching Assistant**, Department of Physics
UMASS, Boston, MA

Teaching and Mentorship Experience

2012-2016 **Instructor**, Department of Economics, Wayne State University, MI

Responsibilities: Independent teaching with syllabus design, exam questions preparation, in class or online teaching with office hours, exam proctoring, grading, and grade posting.

Courses: 14 courses in Principles of Micro & Macroeconomics

2010-2011 **Teaching Assistant**, Department of Economics, Western Illinois University, IL

Responsibilities: Grading, and tutoring

Courses: Principles of Micro & Macroeconomics

2008-2010 **Lab Instructor and Tutor**, Department of Physics, UMASS Boston, MA

Responsibilities: Lab demonstration, exam proctoring, grading, and tutoring

Courses: Undergraduate lab and theory in Physics

(Taught intermediate micro & macroeconomics, statistics, and high school math & science in Nepal)

Teaching Areas/Interests

Principles of economics (both micro and macro), Microeconomics (all level), Statistics (intermediate), Mathematical economics (all level), Health economics (intermediate level)

Research Areas/Interests

Health Economics & Environmental Economics

- Value in health care: Quality, cost of care, efficiency, and effectiveness analysis
- Health policy: Payment models, assessment of a policy impact
- Green economy, environmental/public health

Publications

- 2017 **Dulal, R.** (2017). Technical efficiency of nursing homes: do five-star quality ratings matter? *Health care management science*, 1-8
Hernandez-Boussard, T., Kourdis, P., **Dulal, R.**, Ferrari, M., Henry, S., Seto, T., McDonald, K., Blayney, D.W. and Brooks, J.D., (2017). A natural language processing algorithm to measure quality prostate cancer care. (*ASCQ conference abstract*)
- 2016 **Dulal, R.** (2016). Cost efficiency of nursing homes: do five-star quality ratings matter? *Health care management science*, 1-10
- 2015 Dulal, H.B., **Dulal R.**, Yadav P.K. (2015). Delivering Green Economy in Asia: The Role of Fiscal Instruments. *Futures 73*, 61-77
- 2013 **Dulal, R.** (2012). Countervailing Conflict Interventions as a (Potentially Preventable) Prisoner's Dilemma Outcome. *The Southern Business and Economic Journal*. Special Issue on International Business and Political Economy, 35(1), 1-10

Working Papers

- 2017 **Dulal, R.**, Hernandez-Boussard et al. The use of prostate cancer quality measures in literature: a review
- 2016 Dulal, H. B. & **Dulal, R.** "Social vulnerability to urban climate change impacts in Africa"
- 2014 **Dulal, R.** "The Impact of Obesity and Environmental Pollution on Life Expectancy in the US."

Podium/Poster Presentations

- 2017 ASCQ Quality Care Symposium, scheduled on March 4, 2017, poster presentation
- 2016 Southern Economic Association Annual Conference, scheduled on Nov 21, 2016;
Midwest Economics Association Annual Conference, presenter and discussant, April 3;
Lifespan Alliance Graduate Research Day, IOG, WSU, presented, Feb 12
- 2015 Southern Economic Association Annual Conference, presenter and discussant, Nov 23;
Economics Department Seminar, Wayne State University, presented, Nov 12;
The 13th European Workshop on Efficiency and Productivity Analysis, accepted;
The 13th International Conference on Data Envelopment Analysis, accepted;
Green Growth Knowledge Platform (GGKP), presented by Hari Bansha Dulal

Awards and Fellowships

- 2016 Mendelson Award, \$1500, Department of Economics, Wayne State University;
Travel Award, \$350, institute of Gerontology, Wayne State University;
Travel Award, \$250, Department of Economics, Wayne State University
- 2015-2016 Pre-doctoral Trainee Award, \$3000, Institute of Gerontology, Wayne State University
- 2015 Travel Award, \$350, Institute of Gerontology, Wayne State University;
Travel Award, \$250, Department of Economics, Wayne State University
- 2011-2012 Rumble Fellowship, \$20,000 stipend and tuition fee, Wayne State University
- 2011 Academic Excellence Award, Western Illinois University

Scholarly Activities and Memberships

Reviewer

- PLOS One
- The Scientific Pages of Health Care
- The Scientific Pages of Nursing

Professional memberships

- American Economic Associations
- American Society of Health Economists
- Southern Economic Association
- Midwest Economics Association

Software Skills

STATA, R, SAS (beginner)

References

Professor Allen C. Goodman (Advisor)

Department of Economics
Wayne State University
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Detroit, MI 48202
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Professor Gail Jensen Summers

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Institute of Gerontology
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Professor Stephen J Spurr

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