

RUSSELL D. TOTH

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CURRENT POSITION

July 2011 – present Lecturer (Assistant Professor) in Economics, The University of Sydney

AFFILIATIONS

November 2015 – present AidData Research Consortium (ARC)
August 2014 – January 2015 Visiting Fellow, Economic Growth Center and Department of Economics,
Yale University
December 2012 – present Research Fellow, Center for Economic Research in Pakistan (CERP)
November 2012 – present Member, Economic and Social Development area, Sydney Southeast Asia
Centre
August 2012 – present Academic Staff Affiliate, Department of Indonesian Studies, The University of
Sydney
August 2011 – present Affiliate, Innovations for Poverty Action (IPA) Small and Medium Enterprise
Initiative
March 2011 – present Research Associate, Economic Growth and Development Program, Center for
Applied Macroeconomic Analysis (CAMA), Australian National University

FIELDS OF INTEREST

Development Economics, Entrepreneurship, Economic Theory, Behavioral Economics

EDUCATION

Ph.D. Economics, Cornell University, 2012
M.A. Economics, Cornell University, 2009
M.S. Mathematical Economics, Southern Illinois University – Carbondale, 2005
B.A. Humanities (Honors, *summa cum laude*), Roberts Wesleyan College, 2003
Diploma in Accounting and Finance, University of London distance program (London School of Economics)

PUBLICATIONS

Ermon, Stefano, Yexiang Xue, **Russell Toth**, Bistra Dilkina, Richard Bernstein, Patrick Clark, Steve Degloria, Andrew Mude, Christopher Barrett and Carla Gomes. “Learning Large Scale Dynamic Discrete Choice Models of Spatio-Temporal Preferences with Application to Migratory Pastoralism in East Africa.” Proceedings of the Twenty-Ninth Conference on Artificial Intelligence, Special Track on Computational Sustainability. (AAAI-15) 2015.

Toth, Russell. 2015. “Traps and Thresholds in Pastoralist Mobility,” *American Journal of Agricultural Economics*, 97(1): 315-332.

Oo, Alex and **Russell Toth.** 2014. “Do Community-Sanctioned Social Pressures Constrain Microenterprise Growth? Evidence from a Framed Field Experiment,” *Journal of the Japanese and International Economies*, 33: 75-95. Refereed special issue on *Experiments for Development: Achievements and New Directions*.

WORKING PAPERS

“Poverty Graduation with Cash Transfers: A Randomized Evaluation,” March 2016, with Vilas Gobin and Paulo Santos. *Under submission.*

“Microenterprise Competition, Social Pressures and Innovation,” January 2015, with Alex Oo. *Under preparation for submission.*

“Cooperative Networks Under Private Monitoring,” August 2015, with Maximilian Mihm and Corey Lang. *Under preparation for submission.*

“Environmental Spillovers of Index-Based Livestock Insurance.” July 2014, (lead author) with Chris Barrett, Richard Bernstein, Patrick Clark, Carla Gomes, Shibia Mohamed, Andrew Mude, and Birhanu Tadesse. *Under preparation for submission.*

“Experience Does Matter: Managerial Capital and the Dynamics of Entrepreneurship.” October 2014.

“The Return of the Sea Turtles: Empirical Evidence from China on the Industry Level Impacts of Return Skilled Migration.” January 2016, with Alex Petrillo.

“Credit Misplaced? Testing for Household-level Financial Constraints to Self-Employment.” October 2011.

PAPERS IN PROGRESS

Impacts and Policies for Small and Medium Enterprises in Developing Countries, with Antoinette Schoar. *Outline accepted after first-round submission to the Journal of Economic Literature.*

“Identifying Subsistence and Aspirational Entrepreneurs: A Dynamic, Empirical Model of Occupational Choice and Entrepreneurial Human Capital,” with Dan Keniston.

Methods Paper on the Measurement of Subjective Beliefs in the Experimental Lab, with Brian Dillon.

“Don't Follow the Crowd: Incentives for Directed Spatial Sampling,” December 2015, (co-lead author) with Nathan Jensen, Yexiang Xue, Richard Bernstein, Eddy Chebelyon, Andrew Mude and Carla Gomes.

SELECTED PROJECTS IN THE FIELD OR PRE-FIELD STAGE

The Emergence of Transformative Entrepreneurship: Evidence from the Ex Ante Characteristics and Career Choices of Elite University Students in Indonesia, with Dwi Larso.

The Determinants of Movement and Herd Management Behavior of East African Pastoralists, and the Environmental Impacts of Index-Based Livestock Insurance, with Chris Barrett, Pat Clark, Theo Damoulas, Steve DeGloria, Bistra Dilkina, Stefano Ermon, Teevrat Garg, Carla Gomes, Andrew Mude, Yexiang Xue, et al.

The Impacts of Entrepreneurship Education and Mentorship in Myanmar, with Richard Seymour.

Impacts of Sustainability Certification in Value Chains for Coffee and Cocoa in Indonesia, with Jeffrey Neilson.

INVITED WRITING AND BOOK CHAPTERS

Oo, Alex and Russell Toth. “What are the Constraints to Female-Led Enterprise Activity? An Economic Perspective.” For edited volume on women's entrepreneurship in SE Asia (Richard Seymour and Jarrod Ormiston, eds.).

Toth, Russell. April, 2013. “Dissertation Abstract: The Dynamics of Entrepreneurial Human Capital.” *Bulletin of Indonesian Economic Studies*, 49(1): 115-116.

Toth, Russell. April, 2013. "Review of: 'Moneylenders to microfinance: Southeast Asia's credit revolution in institutional, economic and cultural perspective,' (D. Henley and A. Goenka, eds.), Routledge Press, 2009." *Bulletin of Indonesian Economic Studies*, 49(1), 123-124.

Burtraw, Dallas, David Evans, Alan Krupnick, Karen Palmer, and Russell Toth. 2005. "The Economics of Pollution Trading for SO₂ and NO_x." *Annual Review of Environment and Resources*, vol. 30, pp. 253-289. See also Resources for the Future discussion paper 05-05 (January 2005).

Ph.D. DISSERTATION

"The Dynamics of Entrepreneurial Human Capital," Advisers: David Easley, Chris Barrett, Ted O'Donoghue, Viktor Tsyrennikov; conferral: January 2012; defense: June, 2011. Cornell University.

TEACHING EXPERIENCE

Communication in Economics (Masters): Fall 2015, *Fall 2016* (University of Sydney)

Development Economics – (joint advanced undergraduate and research Masters): Fall 2014, Fall 2015, *Fall 2016* (University of Sydney)

Development Economics (undergraduate): Fall 2013, Fall 2014 (University of Sydney)

Development Economics (advanced undergraduate): Fall 2012, Fall 2013 (University of Sydney)

Intermediate Microeconomics (undergraduate): Fall 2012 (University of Sydney)

Game Theory (Ph.D.): Fall 2008 (Cornell University, TA)

Macroeconomics (Ph.D.): Fall 2006, Spring 2007 (Cornell University, TA)

ADVISING

Doctoral

Christopher Hoy, University of Sydney, expected 2019, adviser.

Ilmiawan Auwalin, University of Sydney, expected 2016, committee member.

Vilas Gobin, Monash University, expected 2016, external committee member.

Teevrat Garg, Cornell University, 2015, external committee member. Thesis: "Essays in Environmental and Development Economics." First placement: UC San Diego (GPS), after 1-year post-doc at LSE Grantham Research Institute.

Undergraduate Honours and Masters of Economic Analysis

Peter Bowers, University of Sydney, 2016 (expected), co-adviser.

Manann Donoghoe, University of Sydney, 2016 (expected), adviser.

Sascha Kerbert, University of Sydney, 2016 (expected), adviser.

Geraldine Marks, University of Sydney, 2016 (expected), adviser.

Alex Petrillo, University of Sydney, 2015, adviser. Thesis: "The Return of the Sea Turtles: Empirical Evidence from China on the Industry Level Impacts of Return Skilled Migration."

Katherine Leong, University of Sydney, 2013, adviser. Thesis: "Firm Size and Ambiguity in Developing Economies."

Alex Oo, University of Sydney, 2012, adviser. Thesis: "Under Pressure: Do Community-Sanctioned Social Pressures Constrain Microenterprise Growth?"

OTHER PROFESSIONAL EXPERIENCE AND SERVICE

Research and consulting

Consultant, Innovations for Poverty Action (on behalf of PRSF-Indonesia), February-June, 2013.

Short-term Consultant, National Team for the Acceleration of Poverty Reduction (TNP2K), Indonesia, January/February 2012, March 2012, August 2013 to December, 2014.

Short-term Consultant, IPA SME Initiative, July 2011 – Dec 2015 (intermittent).

Research Assistant, Cornell University, 2007-2011 (Chris Barrett and Carla Gomes, Dan Benjamin, Mukul

Majumdar, Ted O'Donoghue).

Research Assistant, Resources for the Future (Washington, DC), Dallas Burtraw and Karen Palmer, Summer 2004.

University and Department

School of Economics Executive Committee, junior faculty representative, 2015

Organizer of Microeconometrics and Public Policy working group in the School of Economics, University of Sydney, July 2012-June 2014, February, 2015 to present.

Co-founder of Microeconometrics and Public Policy working group in the School of Economics, University of Sydney, July 2012

Junior faculty recruitment committee, School of Economics, University of Sydney, 2011-2012

Ad hoc referee/reviewer

American Journal of Agricultural Economics, Bulletin of Indonesian Economic Studies, Economic Development and Cultural Change, Economic Record, Economic Inquiry, Economics of Education Review, Journal of African Economies, Journal of Development Economics, Journal of Development Studies, Journal of Economic Behaviour and Organization, Journal of Economic Geography, Journal of the Economic Science Association, Journal of Productivity Analysis, Elsevier Scopus, ESRC, PEDL-CEPR

Conference organization

Mobile Pastoralism, Index Insurance, Computational Sustainability and Policy Innovations for the Arid and Semi-arid Lands of East Africa (International Livestock Research Institute, Nairobi, Kenya) (co-organizer) June 10-11, 2015

Developing Policy Innovations for the Pastoralist Rangelands through Cross-Sector Partnerships (International Livestock Research Institute, Nairobi, Kenya) (co-organizer) June 9, 2015

EXTERNAL GRANTS, FELLOWSHIPS AND ACADEMIC HONORS

National Science Foundation (NSF) Expeditions in Computing, Research team member (PI: Carla Gomes). \$10 million USD January 2016

International Growth Center Research Grant, PI (co-PI: Julia Driessen). 44,137 GBP February 2015

International Growth Center Research Grant, PI (co-PI: Andrea Di Miceli). 18,764 GBP February 2015

ISEAL Alliance Evaluation Grant, co-PI (with Jeffrey Neilson). \$260,000 USD November 2014

International Growth Center Research Grant, PI (co-PIs: Andrea Di Miceli and Julia Driessen). 17,830 GBP October 2014

Cornell David R. Atkinson Center for a Sustainable Future, Academic Venture Fund (Collaborator; PI: Carla Gomes). \$150,000 USD. May 2014

ACIAR R&D Programs, co-PI (PI: Jeffrey Neilson). \$1.13 million AUD November 2013

LIFT-Myanmar, impact evaluation lead (PI: Richard Seymour). \$2 million AUD June 2013

PEDL Exploratory Grant, seventh round, PI. 32,000 GBP April 2013

IPA/ABD Partnership Development Grant, PI. \$11,750 USD March 2013

Project Development Grant, PRSF-Indonesia (co-PI with Zakir Machmud and Antoinette Schoar). \$250,000 AUD February 2013

2012 Australian Development Research Awards Scheme, Australian Aid, PI. \$694,226 AUD February 2013

IPA SME Initiative, Project Development grant, fourth round, PI. \$10,000 USD January 2013

IPA SME Initiative, Young Scholar's Initiative grant, first round, PI. \$10,000 USD May 2011

Sage Fellowship, Cornell University 2005–2006, 2010–2011

	Toth CV
	March 27, 2016
NBER Entrepreneurship Research Boot Camp, selected participant	July 2010
AAEA Conference Travel Grant	July 2010
Research Assistant, Cornell Institute for Computational Sustainability (NSF-funded), selected	Spr 2009, Fa 2009, Spr 2010
Cornell Institute for Social Sciences dissertation research grant. \$3750 USD	June – July 2009
Masters Fellowship, Southern Illinois University	2003–2004

SEMINARS AND INVITED PRESENTATIONS[‡]

- 2015 National University of Singapore (Business School, Dept. of Strategy and Policy); Australian National University (Crawford School); College of William and Mary; University of Washington JSDE; University of California, San Diego (BDE); University of Heidelberg; Helmholtz-Centre for Environmental Research (Leipzig, Germany).
- 2014 Cornell University; Harvard Business School (EM Unit); Boston University; University of Southern California; University of Rhode Island (ENRE); Yale University (Development Lunch); University of Connecticut; International Livestock Research Institute (Nairobi, Kenya); University of Indonesia (Depok); AARES (NSW); University of Pittsburgh/Carnegie Mellon University; ANU Workshop on Asian Development, Past and Present; ICE 2014 (Davao, Philippines).
- 2013 Paris School of Economics; University of Oxford-CSAE; NBER-TCER-CEPR Conference on Experiments for Development (GRIPS, Tokyo, Japan); IICIES 2013 (Bandung, Indonesia); Australian National University; Monash University; University of Otago Development Workshop.
- 2012 TNP2K (Jakarta, Indonesia) (x2); Workshop on Emerging Economies[†] (University of New South Wales); Innovations for Poverty Action Policy Impact Conference (Bangkok, Thailand); University of Otago; The Graduate Institute (Geneva).
- 2011 University of Melbourne; Harvard Business School International Research Conference; Australian National University; University of Sydney; University of Waterloo; Harvard Business School (EM Unit).
- 2010 Cornell University; University of Indonesia, LPEM Seminar (Jakarta, Indonesia); Australian National University, Crawford School PhD seminar.

[‡] Department of Economics unless otherwise noted.

CONFERENCE AND WORKSHOP PRESENTATIONS

- 2015 The Economics of Global Poverty (Boston, USA); 2nd MERIT Conference on Field Experiments (Monash University); International Livestock Research Institute (Nairobi, Kenya).
- 2014 Northeast Universities Development Consortium (NEUDC) (Boston University); Australian Development Economics Workshop (ADEW) (University of Western Australia); Agricultural and Applied Economics Annual Meeting (Minneapolis, Minnesota).
- 2013 IPA SME Initiative working group (Columbia University); International Convention of Asia Scholars (ICAS) (Macao); NBER Summer Institute: Development, Productivity and Entrepreneurship (Cambridge, MA).
- 2012 Australian Development Economics Workshop (ADEW) (Monash University); 3rd IZA Workshop on Entrepreneurship Research[†] (Potsdam, Germany); Economics of Global Poverty seminar[†] (Calvin College, Grand Rapids, MI); Human Development and Capabilities Association (HDCA) Annual Conference[†] (Jakarta, Indonesia).
- 2011 Northeast Universities Development Consortium Conference[†] (NEUDC) (Yale); IPA SME Initiative working group (MIT-Sloan).
- 2010 Northeast Universities Development Consortium Conference[†] (NEUDC) (MIT-Sloan); AAEA Annual Conference (Denver, CO); IICIES 2010 (Jakarta, Indonesia); Canadian Economics Association Conference[†] (Quebec City, Canada).

- 2009 CompSust09: 1st International Conference in Computational Sustainability (Ithaca, NY) (poster); Econometric Society Summer Meeting (Boston University); Canadian Economics Association Conference[†] (University of Toronto).
- 2007-08 Canadian Economics Association Conference[†] (University of British Columbia); Western Economic Association International Conference[†] (Seattle, WA).

[†] Also served as discussant.

SHORT-TERM ACADEMIC VISITS (selected)

- November, 2015 South Asia Centre, University of Heidelberg
- August, 2014 – Economic Growth Center and Department of Economics, Yale University
January, 2015
- January, 2013 Paris School of Economics, Oxford-CSAE, Warwick-CAGE
- December, 2012 Dept. of Economics, LSE

PROFESSIONAL MEMBERSHIPS

Agricultural and Applied Economics Association, American Economic Association, Association of Christian Economists, Econometric Society, European Economic Association

AWARDS

- Roberts Wesleyan College, Graduate of the Last Decade (GOLD) October 2013
- Roberts Wesleyan College Alumni Association Outstanding Senior Award May 2003

OTHER CONTACT INFORMATION

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Myanmar mobile phone: +95 99 7589 3520

PERSONAL INFORMATION

Citizenship: Canada and Hungary (dual)
Male, Married
Languages: Hungarian (fluent), Indonesian (intermediate)

REFERENCES

Available on request.

March 27, 2016