

AHMED S. RAHMAN

Department of Economics
College of Business
Lehigh University
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CURRENT POSITIONS

Associate Professor, Department of Economics, Lehigh University (since August 2018, tenured August 2020)
Research Fellow, Institute for the Study of Labor (IZA) (since December 2020)

PAST POSITIONS

Associate Professor with tenure, Department of Economics, USNA (since August 2012)
Visiting Scholar, Department of Economics, UC Davis (summer 2016)
Visiting Associate Professor, Department of Economics, Brown University (2013-2014)
Assistant Professor, Department of Economics, USNA (2006-2012)

EDUCATION

Ph.D., Economics, University of California, Davis (June 2006)
M.A., Economics, University of California, Davis (September 2002)
M.A., International Finance, Brandeis University (May 1999)
Certificate in International Business, WHU Koblenz, Germany (December 1998)
B.A., Economics and Political Science, University of Connecticut (May 1997)

RESEARCH INTERESTS

Labor Economics, Economic Growth, Economic History, Economics of Education

TEACHING INTERESTS

Macroeconomics, Economic Growth, Labor Economics, Econometrics, Financial Crises

PUBLICATIONS

- “Sea Power.” (with Mark Koyama and Twan-Hwee Sng) – forthcoming, *Journal of Historical Political Economy*, vol 1.
- “Immigration and Computerization – Theory and Evidence from the United States” (with Gaetano Basso and Giovanni Peri, NBER wp # 23935) – *Canadian Journal of Economics* 53(4): 1457-1494, November 2020.
[Winner of Harry Johnson Prize for best paper published in CJE in 2020]
- “Officer Retention and Military Spending – The Rise of the Military Industrial Complex during the Second World War.” – *Economic History Review* 73(4): 1074-1096, November 2020.
- “Why Can’t We All Work Remotely? Blame the Robots.” – *Covid Economics* 36: 105-128, July 2020.
- “Bad Company – Understanding Negative Peer Effects in College Achievement.” (with Ryan R. Brady and Michael Insler) – *European Economic Review* 98: 144-168, September 2017.
- “A Simple Theory on the Effects of Industrialization.” – *Macroeconomic Dynamics* 21: 106-129, January 2017.

AHMED S. RAHMAN

- “*Ex Tridenti Mercatus?* – Seapower and Trade during the Age of Globalization.” (with Darrell J. Glaser) – *Journal of International Economics* 100: 95-111, May 2016.
- “Does Nation Building Spur Economic Growth?” (with Ellyn Creasey and Katherine A. Smith) - *Economic Inquiry* 53: 660-680, January 2015.
- “Engineering and Labor Specialization during the Industrial Revolution” (with Darrell J. Glaser) – *Cliometrica* 8:173-200, May 2014.
- “Luddites, the Industrial Revolution and the Demographic Transition.” (with Kevin H. O’Rourke and Alan M. Taylor, NBER wp #14484) – *Journal of Economic Growth* 18:373-409, October 2013.
- “Product Differentiation and Consumer Surplus in the Microfinance Industry.” (with Dan W. Chan, Darrell J. Glaser and Katherine A. Smith) - *B.E. Journal of Economic Policy and Analysis*, vol. 13(2), pp 991-1022, August 2013.
- “The Road Not Taken – What is the ‘Appropriate’ Path to Development When Growth Is Unbalanced?” – *Macroeconomic Dynamics*, vol. 17(4), pp 747-778, June 2013.
- “Nation Building and Economic Growth.” (with Ellyn Creasey and Katherine A. Smith) – *American Economic Review P&P*, 102(3), pp 278-82, May 2012.
- “Human Capital and Technological Transition – Insights from the U.S. Navy.” (with Darrell J. Glaser) – *Journal of Economic History*, vol. 71(3), pp 704-729, September 2011.
- “Fighting the Forces of Gravity – Sea-power and Maritime Trade between the 18th and 20th Centuries.” *Explorations in Economic History*, vol. 47(1), pp 28-48, January 2010.

WORKING PAPERS

- “Mind the Gap-Year – What Can a One Year College Preparatory Program Do For College Performance?” (with Phoebe Kotlikoff and Katherine A. Smith, IZA paper #14075) – 2nd round of revisions submitted, *Education Economics*
- “Between the Dockyard and the Deep Blue Sea – Retention and Personnel Economics in the Royal Navy” (with Darrell J. Glaser, IZA paper #14037) – submitted
- “Herding – A Theory and Some Evidence from College Major Selection.” (with Michael Insler and Katherine A. Smith) – submitted
- “Fear and Loathing in the Classroom – Why Does Teacher Quality Matter?” (with Michael Insler, Alex McQuoid and Katherine A. Smith, IZA paper #14036) – submitted
- “Trade, Technology and the Great Divergence.” (with Kevin H. O’Rourke and Alan M. Taylor, NBER wp #25741) – being prepared for submission
- “Peers, Personality, and Performance.” (with Ryan Brady and Michael Insler) – work in progress
- “Fair Winds and Following Seas – The Impact of College Peer Groups on Career Trajectories.” (with Michael Insler and Alex McQuoid) – work in progress
- “Some Children Left Behind – NCLB and Long-run Outcomes.” (with Michael Insler, Alex McQuoid and Katherine Smith) – work in progress
- “High-Skilled Immigration and Foreign Direct Investment – The Case of Israel.” (with Alex McQuoid and Katherine A. Smith) – work in progress
- “Technology-Skill Complementarities in the Royal Navy prior to the Great War.” (with Darrell J. Glaser) – work in progress
- “Deep Factors, Country Stability and FDI Inflows.” (with Cassandra Dooley, Alex McQuoid and Katherine A. Smith) – work in progress
- “How Global Knowledge Affected Local Inequality – An Industry Level Study.” (work in progress)
- “Trade, Knowledge and the Industrial Revolution.” (with Kevin H. O’Rourke and Alan M. Taylor) – NBER wp # 13057)

AHMED S. RAHMAN

“Rise of the Machines *Redux* – Sector-Specific Education and Long-run Growth.” (with Christos Macridis) – work in progress

OTHER PUBLICATIONS

“Divergence and Convergence in Historical Perspective.” (with Kevin O’Rourke and Alan M. Taylor) – forthcoming, VOX EU

“Immigration in the Era of Automation.” (with Gaetano Basso and Giovanni Peri) – VOX EU

“Economic Lessons from the Decline and Rise of the U.S. Navy during the 19th Century.” (with Darrell J. Glaser) – forthcoming, *Proceedings of the McMullen Naval History Symposium 2013*

Review of Louis Galambos, *The Creative Society*. EH.net Economic History Services, 2012.

AWARDS

Faculty Research Grant, academic year 2019-2020, 2020-2021

Research Excellence Award Departmental Nominee, 2013, 2015-2017

McMullen Sea Power Fellowship, academic year 2011-2012

Naval Academy Research Council Summer Award, summers 2007 – 2009, 2012-2016

U.C. Davis Dissertation Fellowship, academic year 2005-2006

Foundation for Teaching Economics Fellowship, July 2005

U.C. Davis Graduate Association Travel Grant, Summer 2005

Center for Economic Policy and Research Travel Grant, Spring 2005

PROFESSIONAL PRESENTATIONS

Invited Conferences

2021 Midwest Economics/SOLE sessions (*remote*), FRESH meeting (*remote, forthcoming*)

2020 Society for Labor Economists Meetings (Berlin, *remote presentation*), UC Davis Alumni Conference (Davis, *cancelled*), Online Economic History workshop (*remote*)

2019 All UC-Conference on Decline and Rise: Asia since the Industrial Revolution (Cal Tech), CEPR Meeting of Economic Divergence and Convergence in History (Abu Dhabi), Society for Labor Economists Meetings (Arlington), NBER Summer Institute (Boston), UC Davis Alumni Conference (Davis), European Historical Economic Society Meetings (Paris), Economic History Association (Atlanta), Southern Economic Association Meetings (Fort Lauderdale)

2018 American Economic Association Meetings (Philadelphia), CEPR meeting of Economic Divergence and Convergence (Abu Dhabi), Society for Labor Economists Meetings (Toronto, Canada), Economic History Association (Montreal, Canada), Southern Economic Association Meetings (Washington, DC)

AHMED S. RAHMAN

2017 Royal Economic Society Meetings (Bristol, UK), GCER Conference (Georgetown University), World Cliometrics Conference (Strasbourg, France), Macroeconomic Research at Liberal Arts Colleges (Davidson College, NC)

2016 American Economic Association Meetings (San Francisco), Southern Economic Association Meetings (Washington DC), CEPR Annual Macroeconomics and Growth Programme Meeting (London, UK)

2015 European Historical Economics Society Meeting (Pisa, Italy), Macroeconomic Research at Liberal Arts Colleges (Wesleyan University), NBER Summer Institute (Boston), Society for Labor Economists Meeting (Montreal), American Economic Association Meetings (Boston)

2014 Economic History Association (Columbus, OH), Tenth BETA Workshop in Historical Economics (Strasbourg, France), American Economic Association Meetings (Philadelphia)

2013: Naval History Symposium (Annapolis), NBER Summer Institute (Boston), World Cliometrics Conference (Honolulu), American Economic Association Meetings (San Diego)

2012: Economic History Association (Vancouver, Canada), Macroeconomic Research at Liberal Arts Colleges (Lafayette College), NBER Summer Institute (Boston), Trade, Poverty and Growth in History (Madrid, Spain), Eighth BETA Workshop in Historical Economics (Strasbourg, France), NBER Meeting EFJK (San Francisco), American Economic Association (Chicago)

2011: Southern Economic Association (D.C.), European Historical Economics Society (Dublin, Ireland), NBER Summer Institute (Boston), Royal Economic Society (London, UK), FRESH meetings (Madrid, Spain), American Economic Association (Denver)

2010: Southern Economic Association (Atlanta), Macroeconomic Research at Liberal Arts Colleges (Colgate University), NBER Summer Institute (Boston), Cliometrics Conference (La Crosse, WI)

2009: FRESH meetings (Saint Pierre d'Entremont, France), European Historical Economics Society Meeting (Genena, Switzerland), Macroeconomic Research at Liberal Arts Colleges (Hamilton College), Midwest Macroeconomics (Indiana), Economic History Society (University of Warwick)

2008: Southern Economic Association (D.C.), Macroeconomic Research at Liberal Arts Colleges (Drew University), Economic History Society (Nottingham, U.K.), American Economic Association (New Orleans)

2007: Southern Economic Association (New Orleans), European Historical Economics Society (Lund, Sweden), NBER Evolution of the Global Economy (Boston)

2006: NBER Trade Group (Palo Alto), Southern Economic Association (Charleston), CEDERS Open Macro and Development (Aix-en-Provence, France)

2005: Research Training Network (University of Warwick), All-U.C. Economic History Group (San Francisco), Western Economics Association (San Francisco)

AHMED S. RAHMAN

Invited Seminars

Williams College, Trinity University, Centre College, Beloit College, the Virginia Military Institute, the United States Naval Academy, Cleveland State University, University of Delaware, Colgate University, Brown University, Harvard University, Gettysburg College, George Mason University (Arlington), Brown University (*macro lunch, micro lunch*), College of William and Mary, University of Connecticut, Williams College, Southern Denmark University, American University, George Mason University (Fairfax), Loyola University Maryland, UC Merced, Davidson College, Lafayette College, Lehigh University, Barnard College, Yale University, CUNY Queens, Stellenbosch University (*forthcoming*)

OTHER RESEARCH EXPERIENCE

Research Assistant, Spring – Summer, 2005, Alan M. Taylor, U.C. Davis
Assistant Editor, 2005, Giovanni Peri, U.C. Davis
Research Assistant, Fall 2003, Robert Feenstra and Alan M. Taylor, U.C. Davis
Assistant Equity Analyst, 1999 – 2000, Banc of America Securities, New York

COURSES TAUGHT

Business Statistics (Lehigh University), Labor Economics (Undergraduate and Ph.D. levels, Lehigh University), Economic Growth and Development (Lehigh University and USNA), Intermediate Macroeconomics (USNA and Brown University), Federal Reserve Challenge (Lehigh University and USNA), Advanced Macroeconomics (USNA), Economic Statistics (USNA), History of Financial Crises (USNA), Growth and Globalization (USNA - seminar), The Economics of Global Conflict (USNA - seminar), Using Panel Techniques to Address Economic Questions (USNA - seminar)

OTHER TEACHING EXPERIENCE

Teaching Assistant, University of California, Davis, January 2002 – June 2006
Teaching Assistant, Brandeis University, September 1997 – May 1998

Ph.D ADVISER/HONORS/TRIDENT SCHOLAR

Lehigh University

Ahmed Elroukh (committee member for Ph.D. graduate), “Three Essays on Labor Markets” (2019), Assistant Professor at DePauw University
Chia-Lun Liu (committee member for Ph.D. graduate), “Three Essays on Health Factors in Long-Run Educational Outcomes” (2019), Post-doc Scholar at University of Pennsylvania
Ilya Kukaev (primary adviser for Ph.D. candidate), “Essays on Macro Labor Economics”
Kai-Teh Tzeng (committee member for Ph.D. candidate)
Kevin Smith (committee member for Ph.D. candidate)
Nawar Nayeem (committee member for Ph.D candidate)

AHMED S. RAHMAN

USNA

David Parker (Honors Student), “The Political Economy of Maintaining Critical Infrastructure,” 2008.
Casey Sheldon (Honors Student), “Education and Officer Performance in the 19th century,” 2009.
Ellyn Creasey (Trident Scholar) “Nation-Building as a Determinant of Economic Growth,” 2010, with Katherine Smith.
Michael Campbell (Honors Student, first in Class of 2010), “Rounding out the Force: The U.S. Military’s Role in International Development,”
Daniel W. Chan (Trident Scholar), “Evidence of Product Differentiation in the Microfinance Industry,” 2011, with Darrell J. Glaser and Katherine Smith.
Garrett Long (Honors Student), “The Hazards of International Capital Flows,” 2012, with Katherine Smith.
Kolton Kempel (Honors Student, History), “Occupational Changes in Amish Church Districts of Lancaster County, Pennsylvania from 1988 until 2009,” with CDR John Freymann.
Phoebe Kotlikoff (Trident Scholar), “Estimating the Effects of Pre-college Education on College Performance,” 2013, with Katherine Smith.
James Robinson (Honors Student), “Effectiveness of Military and Economic Aid from the U.S.,” 2013.
Amanda Assenmacher (Honors Student), “The Effect of Political Unity on IMF Loans,” 2016.
Cassandra Dooley (Trident Scholar), “Deep Factors, Country Stability and FDI Inflows,” 2019, with Alex McQuoid and Katherine A. Smith.
Megan Hanson (Trident Scholar, first in Class of 2019), “Teachers, Timing and Tenacity – the Soft-Skills of College Education,” with Alex McQuoid and Katherine A. Smith

PROFESSIONAL SERVICE

Referee: *Journal of Development Economics (multiple)*, *Journal of Economic Growth (multiple)*, *Journal of Economic History (multiple)*, *Cliometrica (multiple)*, *Regional Science and Urban Economics (multiple)*, *Journal of European Economic Association (multiple)*, *Journal of Human Resources*, *Macroeconomic Dynamics*, *Southern Economic Journal*, *Industrial and Labor Relations Review*, *European Review of Economic History*, *Scottish Journal of Political Economy*, *Economic Modeling*, *Eastern Economic Journal*, *World Scientific Publishing (book review)*, *Columbia University Press (book proposal review)*

Committees **Lehigh**: Job Search Committee (2018-2019), Chair of Job Search Committee (2019-2020), Business Building Committee (2018 – 2020), Library Users Committee (2018 – 2020), Undergraduate Honors (Director, 2018 –), College of Business College Policy Committee (2018 – 2021, Co-Chair 2020-2021)

Committees **USNA**: Department Assessment Committee (Chair, 2012-2013, 2014-2018), Trident Scholar Committee (2014-2017), Mathematics and Economics Curriculum Committee (2014-2018), Curriculum Committee for Humanities and Social Sciences (2010-2013), Department Honor Liaison (2010-2013), Center for Middle East and Islamic Studies (2006 – 2008), Job Search Committee (2010-2013, co-chair 2014-2015, 2016-2017), Cultural Immersion Trip Organizer to India (summer 2008)

PROFESSIONAL AFFILIATIONS

American Economic Association, Southern Economic Association, Economic History Association, Economic History Society, Royal Economic Society, Society of Labor Economists