

# Michael Andrews

## UNIVERSITY OF MARYLAND BALTIMORE COUNTY

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## PROFESSIONAL EXPERIENCE

### Assistant Professor of Economics

University of Maryland Baltimore County, since August 2020

### Postdoctoral Fellow in Innovation Policy

National Bureau of Economic Research, August 2018 - July 2020

### Postdoctoral Researcher

Northwestern University, September 2017 - September 2018

## EDUCATION

<u>Degree</u>	<u>Field</u>	<u>Institution</u>	<u>Year</u>
Ph.D.	Economics	University of Iowa	August 2017
M.A.	Economics	University of Iowa	May 2014
B.A. with honors	Economics	University of Maryland	May 2011
B.S.	Supply Chain Mgmt	University of Maryland	May 2011

## DISSERTATION

Title: Fuel of Interest and Fire of Genius: Essays on the Economic History of Innovation

Advisor: Dr. Nicolas L. Ziebarth

Completed: August 2017

## COURSES TAUGHT

Principles of Microeconomics (Instructor)

UMBC, Fall 2020

Economic History of the United States from 1865 to the Present (Instructor)

Northwestern University, Spring 2018

Money & Banking (Teaching Assistant)

University of Iowa, Fall 2016

Principles of Microeconomics (Teaching Assistant)

University of Iowa, Fall 2012 - Fall 2015

## PEER-REVIEWED PUBLICATIONS

“Changes in the Demographics of American Inventors, 1870-1940” with Sarada and Nicolas L. Ziebarth

*Explorations in Economic History, Vol. 74, October 2019*

## OTHER PUBLICATIONS

“Dissertation Summary: Fuel of Interest and Fire of Genius: Essays on the Economic History of Innovation”

*Journal of Economic History, Vol. 79, No. 2, June 2019, pgs. 514-517*

## WORKING PAPERS

“How Do Institutions of Higher Education Affect Local Invention? Evidence from the Establishment of U.S. Colleges” (*Submitted*)

“Bar Talk: Informal Social Interactions, Alcohol Prohibition, and Invention”

“Historical Patent Data: A Practitioner’s Guide”

*Revise & Resubmit, Journal of Economics & Management Strategy*

“Local Effects of Land Grant Colleges on Agricultural Innovation and Output”

*Submitted, Prepared for the NBER Volume “Economics of Research and Innovation in Agriculture”*

“150 Years of the Geography of Innovation” with Alex Whalley

*Submitted*

“The Innovator Next Door: Intra-City Clustering of Inventors and Entrepreneurs” with Ryan Reed Hill

“The Location of Agricultural Research and the Direction of Agricultural Innovation”

“Adverse Selection in the Market for Patents: Evidence from Early 20th Century Illinois” with Huseyin Çağrı Akkoyun and Rajkamal Vasu

## **CONFERENCE PRESENTATIONS**

Social Science History Association Meetings, Chicago, November 2019

Urban Economics Association Meetings, Philadelphia, October 2019

“Innovation through the Lens of Economic History” Conference, New York University, October 2019

Economic History Association Meetings, Atlanta, September 2019

NBER Development of the American Economy Summer Institute Egg Timer Session, Cambridge, MA, July 2019

NBER/USDA Economics of Research and Innovation in Agriculture, Washington, D.C., May 2019

Empirical Patent Law Conference, Duke University, March 2019

Conference on Urban and Regional Economics (CURE), Philadelphia Fed, November 2018

Pre-Conference on the Economics of Research and Innovation in Agriculture, NBER, November 2018

Roundtable for Engineering Entrepreneurship Research (REER), Georgia Tech, November 2018

Economic History Association Meetings, Dissertation Presentation, Montreal, QC, September 2018

Junior Entrepreneurial Finance and Innovation Workshop, Columbia University, August 2018

NBER Innovation Summer Institute, Cambridge, MA, July 2018

Innovation Economics Conference, London School of Economics, June 2018

Book Conference, “What Patents Really Do: Historical Perspectives on Current Debates,” Discus-sant, Hoover Institution, May 2018

Cliometric Society Conference, Tallahassee, FL, April 2018

Illinois Economic Association Annual Meeting, DePaul University, October 2017

Economic History Association Meetings, Poster Presentation, San Jose, September 2017

10th Annual Searle Center/USPTO Conference on Innovation Economics, Northwestern University School of Law, June 2017

NBER Development of the American Economy Summer Institute Egg Timer Session, Cambridge, MA, July 2016

9th Annual Searle Center/USPTO Conference on Innovation Economics, Northwestern University School of Law, June 2016

Kauffman Emerging Scholars Conference, Kauffman Foundation, Kansas City, February 2016

Iowa Alumni Conference, University of Iowa, March 2015

## **INVITED TALKS**

Harvard Economics, April 2020

U.S. Department of Agriculture Economic Research Service, February 2020

University of Maryland Baltimore County Economics, January 2020  
Harvard Kennedy School, December 2019  
Yale University Economics, October 2019  
NBER Productivity Group Lunch, October 2019  
Philadelphia Fed, October 2019  
MIT Sloan TIES Group, September 2019  
U.S. Patent & Trademark Office, April 2019  
University of Massachusetts Amherst Economics, February 2019  
Rensselaer Polytechnic Institute Economics, October 2018  
Ohio State University Economics, September 2018  
U.S. Bureau of Economic Analysis, February 2018  
Utah State University Economics, January 2018  
Duke Fuqua Strategy, January 2018  
Chicago Fed, December 2017  
University of Iowa Economics, November 2017  
NBER Productivity Group Lunch, September 2017  
Auburn University Economics, September 2017  
University of Wisconsin Management & Human Resources, October 2016

### **AWARDS, HONORS, AND GRANTS**

Selected for 7th Lindau Nobel Laureate Meeting on Economic Sciences, Summer 2020  
Nevins Prize Finalist, Economic History Association, Fall 2018  
NSF Doctoral Dissertation Improvement Grant #1661421, Winter 2017  
Kauffman Dissertation Fellowship in Entrepreneurship, Kauffman Foundation, Winter 2016  
Post-Comprehensive Research Summer Award, Graduate College, University of Iowa, Summer 2015

### **PROFESSIONAL SERVICE**

Co-Organizer, NBER Conference “Beyond 140 Characters”: The Role of Innovation and Entrepreneurship in Economic Growth, Mountain View, CA, January 7-8, 2020  
**Refereeing:** Economic Inquiry, Strategic Management Journal, Journal of Economics & Management Strategy, Labour Economics, Southern Economic Journal, Princeton University Press, Industrial and Corporate Change, Management Science, Journal of Urban Economics, Regional Science & Urban Economics, Journal of Engineering & Technology Management

## REFERENCES

### **Scott Stern**

TIES Group  
MIT Sloan School of Mgmt.  
(617) 253-3053  
sstern@mit.edu

### **Josh Lerner**

Entrepreneurial Management Unit  
Harvard Business School  
(617) 495-6065  
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### **Joel Mokyr**

Dept. of Economics  
Northwestern University  
(847) 491-5693  
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### **Nicolas L. Ziebarth**

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Auburn University  
(334) 844-8638  
nlz0003@auburn.edu