

PETER FULEKY

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EDUCATION:

- Ph.D. in Economics, University of Washington 2009
- ▶ Dissertation: Indirect Estimation Methods for Continuous Time Models of the Interest Rate
 - ▶ Fields of Concentration: Econometrics, Time Series Analysis
- M.B.A., Florida State University 2002
- ▶ Field of Concentration: Finance
- M.S. in Civil Engineering, Czech Technical University 1997
- ▶ Thesis: Numerical Analysis of Bridge Dynamics Using the Finite Element Method
 - ▶ Studied at the Vienna University of Technology in Austria in 1995-96.

PROFESSIONAL EXPERIENCE:

- Associate Professor 2016 - present
- ▶ UHERO and Department of Economics, University of Hawaii
- Visiting Researcher 2017 - 2018
- ▶ Central European University
- Assistant Professor 2011 - 2016
- ▶ UHERO and Department of Economics, University of Hawaii
- Postdoctoral Fellow 2010 - 2011
- ▶ University of Hawaii Economic Research Organization (UHERO)
- Graduate Instructor 2009
- ▶ Shidler College of Business, University of Hawaii
- Undergraduate Instructor 2007 - 2009
- ▶ Department of Economics, University of Washington
- Consultant 2007
- ▶ Insightful Corporation, Seattle, WA
- Teaching Assistant 2005 - 2006
- ▶ Department of Economics, University of Washington
- Economist and Securities Trader 2002 - 2005
- ▶ International Trading Group, Jacksonville, FL
- Management Consultant 1998 - 2000
- ▶ Czipin & Partner Management Consulting, Prague, Czech Republic

TEACHING:

- University of Hawaii, Department of Economics:
- ▶ ECON 427 - Economic Forecasting (2011-16, 2018)
 - ▶ ECON 628 - Econometrics I (2013-17, 2019)
 - ▶ R Workshop - covering base R, ggplot2, and data.table (2014)
 - ▶ ECON 629 - Econometrics II (co-instructor responsible for time series topics, 2010)
- University of Hawaii, Shidler College of Business
- ▶ FIN 652 - Programming in Finance (2010)

University of Washington, Department of Economics:

- ▶ ECON 300 - Intermediate Microeconomics (2007-09)
- ▶ ECON 201 - Introduction to Macroeconomics (2006)
- ▶ ECON 200 - Introduction to Microeconomics (2006)

ADVISING:

Max Hammermesh (Honors B.A., 2011), William DuPont (Ph.D., 2013), Qianxue Zhao (Ph.D., 2014), Yi-wen Yang (Ph.D., 2017), Cheryl Geslani Scarton (Ph.D., 2017), Kyeongkuk Kim (Ph.D, 2018), Jonathan Sweeney (Ph.D, 2018), Oleg Ivanets (Ph.D, 2018), Jaeseong Lim (Ph.D, 2018), Nick Borum (MA, 2018), Sisi Zhang (current), Anton Nikolaev (current), Samuel Ha (current).

REFEREED JOURNAL PUBLICATIONS:

1. Fuleky, P., and Ventura, L. (2018). Common Correlated Effects and International Risk Sharing. *International Finance*, 21(1):55-70.
2. Hirashima, A.*, Jones, J.*, Bonham, C. S., and Fuleky, P. (2017). Forecasting in a Mixed Up World: Nowcasting Hawaii Tourism. *Annals of Tourism Research*, 63(1):191-202.
Working paper title: Nowcasting Tourism Industry Performance Using High Frequency Covariates
3. Fuleky, P., and Ventura, L. (2016). Mean Lag in General Error Correction Models. *Economics Letters*, 143:107-110.
4. Fuleky, P., Ventura, L., and Zhao, Q.* (2015). International Risk Sharing in the Short and in the Long Run under Country Heterogeneity. *International Journal of Finance and Economics*, 20(4):374–384.
5. Fuleky, P., and Bonham, C. S. (2015). Forecasting with Mixed Frequency Factor Models in the Presence of Common Trends. *Macroeconomic Dynamics*, 19(4):753-775.
6. Fuleky, P., and Zivot, E. (2014). Indirect Inference Based on the Score. *Econometrics Journal*, 17(3): 383-393.
7. Fuleky, P., Zhao, Q.*, and Bonham, C. S. (2014). Estimating Demand Elasticities in Non-Stationary Panels. *Annals of Tourism Research*, 44(1):131-142.
8. Fuleky, P. (2012). On the Choice of the Unit Period in Time Series Models. *Applied Economics Letters*, 19(12):1179–82.

SCHOLARLY WORK IN PROGRESS:

1. Real Time Tourism Conditions Index [with Ashley Hirashima*, James Jones*, and Carl Bonham]
2. Coincident Index for the Economic Conditions in Hawaii [with Sisi Zhang*]
3. Estimating Permitting Delays [with Anton Nikolaev*]
4. Dynamic Factor Models [with Catherine Doz]
5. Macroeconomic Forecasting in the Era of Big Data [editor]
6. Acidification Trends in Coastal Ecosystems [with Henrietta Dulai]
7. Time series analysis of a multi-year submarine groundwater discharge record from the Kona coast of Hawaii [with Henrietta Dulai]

* denotes advisee

GRANTS:

1. Hawaiian Electric Companies: Custom Regional Economic Forecasting and Consulting Services. PI: P. Fuleky, CI: C. Bonham. Funding period: Jul 2017 – Jun 2020, \$212,603.

2. UH Sea Grant (NOAA): Economic Activity, Technological Progress, and Water Resource Utilization on Oahu. PI: P. Fuleky, CI: K. Burnett. Funding period: Feb 2018 – Jan 2020, \$48,056.
1. Hawaiian Electric Companies: Custom Regional Economic Forecasting and Consulting Services. PI: C. Bonham, CI: P. Fuleky. Funding period: Jul 2014 – Jun 2017, \$204,313.
2. UH Sea Grant (NOAA): Groundwater-Derived Nutrient Uptake in Coastal Ecosystems as a Driver of Shifts in the Accretion-Erosion Balance. PI: H. Dulai, CI: P. Fuleky. Funding period: Feb 2014 – Jan 2016, \$92,150.

RECENT CONFERENCE AND SEMINAR PRESENTATIONS:

2018:

- ▶ Association for University Business and Economic Research, Salt Lake City
- ▶ Hawaii Economic Association 2018 Annual Conference, Honolulu (Invited)

2017:

- ▶ Bank of Thailand, Bangkok
- ▶ Corvinus University, Budapest
- ▶ Hungarian Academy of Sciences, Budapest

2016:

- ▶ Hawaii Economic Association 2016 Annual Conference, Honolulu (Invited)
- ▶ 6th International Conference on Tourism, Naples, Italy
- ▶ Western Regional Science Association 55th Annual Meeting, Hawaii (Invited)

2015:

- ▶ Hawaii Economic Association 2015 Annual Conference, Honolulu (Invited)
- ▶ 21. International Panel Data Conference, Budapest
- ▶ University of Hawaii at Manoa, Honolulu

2014:

- ▶ Hawaii Economic Association 2014 Annual Conference, Honolulu (Invited)
- ▶ Society for the Study of Emerging Markets EuroConference 2014, Budapest
- ▶ International Association for Applied Econometrics 2014 Annual Conference, London
- ▶ Society for Nonlinear Dynamics and Econometrics 22nd Annual Symposium, New York

2013:

- ▶ Western Economic Association International 88th Annual Conference, Seattle

2012:

- ▶ Association for University Business and Economic Research, Honolulu
- ▶ 32nd International Symposium on Forecasting, Boston
- ▶ Conference in Honor of Charles Nelson, University of Washington, Seattle (Invited)
- ▶ Western Regional Science Association 51st Annual Meeting, Kauai

2011:

- ▶ University of Hawaii at Manoa, Honolulu

2009:

- ▶ Western Economic Association International 85th Annual Conference, Vancouver
- ▶ University of Washington, Seattle
- ▶ University of Hawaii at Manoa, Honolulu

REFEEREE:

Journal of International Money and Finance; Journal of Banking and Finance; Journal of Money, Credit and Banking; Journal of Environmental Economics and Management; Journal of the Association of Environmental and Resource Economists; Asian Economic Journal; Annals of Tourism Research; Czech Journal of Economics and Finance; Emerging Markets Finance and Trade; Contemporary Economic Policy; Journal of Policy Research in Tourism, Leisure and Events; International Economics; Economic Modelling; Empirical Economics, Emerging Markets Review.

PROFESSIONAL AFFILIATIONS:

International Association for Applied Econometrics; Society for Nonlinear Dynamics and Econometrics; Society for the Study of Emerging Markets; Western Economic Association International; International Institute of Forecasters; Regional Science Association International; Association for University Business and Economic Research, Hawaii Economic Association.

OUTREACH:

Hawaii Economic Association
▶ Member of the board of directors. 2016

Invited presentations
▶ Western Regional Science Association; Hawaii Tourism Authority; Hawaii Economic Association; Association of Pacific Ports; Manoa Elementary School.

Ad hoc economic analysis
▶ Hawaii Public Radio, Honolulu Star Advertiser; Pacific Business News; Kaleo; West Hawaii Today; Travel Weekly; Civil Beat; National Park Service; Economic Recovery Forum of the Federal Emergency Management Agency.

UNIVERSITY SERVICE AT UH:

Senator in the Manoa Faculty Senate
▶ Member of the committee on faculty service. 2016-17

Campus-wide oral communication assessment committee
▶ Set performance expectations for UH Manoa seniors. 2015-16

School of Travel Industry Management
▶ Member of the faculty personnel committee. 2016

Department of Economics
▶ Contributor to the 5-year program review. 2015
▶ In charge of the weekly seminar series. 2015-17
▶ In charge of communication/outreach. 2014-16
▶ In charge of software and equipment requests. 2013-16
▶ Member of the graduate committee; admissions; in charge of a student database development. 2011-16
▶ Member of the undergraduate committee. 2018-19

UHERO
▶ Chair of the forecast committee; in charge of forecasting methodology development. 2012-present
▶ Member of the recruitment committee. 2016-present
▶ Chair of the faculty personnel committee. 2016-17
▶ Chair of the data committee; in charge of data management. 2011-12

OTHER RESEARCH:

Coauthor of UHERO's forecast reports:
▶ State Forecast Update: Recent data confirm weaker growth May 2019
▶ State Forecast Update: Economy slows markedly. Is more in store? March 2019
▶ Annual Hawaii Forecast: Moderation Ahead as Business Cycle Matures December 2018
▶ Hawaii Construction Forecast: After Pullback, Construction Prospects Firm September 2018
▶ State Forecast Update: Hawaii's Growth Down, But Not Out September 2018
▶ County Forecast: Healthy County Economies Face Growing Pains June 2018
▶ State Forecast Update: Ready or Not, Hawaii is Set For More Growth May 2018
▶ State Forecast Update: Not Much Lift From Tax Cuts in Hawaii's Soaring Economy March 2018
▶ Annual Hawaii Forecast: Hawaii's Long Expansion Gets Global Economic Lift December 2017
▶ Hawaii Construction Forecast: Construction Easing, But More in the Pipeline September 2017
▶ State Forecast Update: Slowing Ongoing, Despite Arrivals Boom September 2017
▶ County Forecast: Economies Still Growing, But Slowing May 2017

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| ▶ State Forecast Update: Growth Continues, For Now | May 2017 |
| ▶ State Forecast Update: As Growth Ebbs, Risks Swell | March 2017 |
| ▶ Annual Hawaii Forecast: Healthy Economy Faces New Administration Risks | December 2016 |
| ▶ Hawaii Construction Forecast: Building Cycle Approaches Peak | September 2016 |
| ▶ State Forecast Update: Hawaii Growth Downshifting | September 2016 |
| ▶ County Forecast: Counties Share Positive Outlook, But Face Individual Challenges | May 2016 |
| ▶ State Forecast Update: Growing in a Riskier World | February 2016 |
| ▶ Annual Hawaii Forecast: Expansion Will Continue, Despite Global Challenges | December 2015 |
| ▶ State Forecast Update: Except for Weather, Outlook Shines | September 2015 |
| ▶ County Forecast: Neighbor Island Tourism Still Has Room to Grow | June 2015 |
| ▶ Hawaii Construction Forecast: Construction Building Up | March 2015 |
| ▶ State Forecast Update: Hawaii on Steady Course for 2015 | February 2015 |
| ▶ Asia-Pacific Forecast: Moderate Regional Growth Faces Rising Risks | December 2014 |
| ▶ State Forecast Update: Hawaii's Economy In Need of An Engine | October 2014 |
| ▶ Annual Hawaii Forecast: Hawaii Growth Slows As Global Risks Rise | August 2014 |
| ▶ County Forecast: Despite Lull in Tourism, County Expansions Continue | May 2014 |
| ▶ Hawaii Construction Forecast: Construction Upturn on Track | March 2014 |
| ▶ State Forecast Update: After Austerity, Road Ahead Will Be Smoother | February 2014 |
| ▶ Asia-Pacific Forecast: Pacific Rim Will Edge Forward After Weak 2013 | December 2013 |
| ▶ State Forecast Update: No Shutdown For Hawaii Growth | October 2013 |
| ▶ Annual Hawaii Forecast: Expansion to Strengthen Despite Washington Worries | August 2013 |
| ▶ County Forecast: Growth Accelerates Statewide | May 2013 |
| ▶ Hawaii Construction Forecast: Construction Upswing Picks Up Speed | March 2013 |
| ▶ State Forecast Update: Expansion Shifts Into Higher Gear | February 2013 |
| ▶ Asia-Pacific Forecast: Developing Countries Buoy Asian Growth | December 2012 |
| ▶ State Forecast Update: Tourism Shines, Construction Clouds Lifting | November 2012 |
| ▶ Annual Hawaii Forecast: Tourism Hot, But Broader Growth Still Elusive | July 2012 |
| ▶ County Forecast: Jobs Still Lag in County Recoveries | May 2012 |
| ▶ State Forecast Update: Visitor Industry Still Leading Recovery | May 2012 |
| ▶ Hawaii Construction Forecast: Construction Edging Toward Recovery | March 2012 |
| ▶ State Forecast Update: Some Improvement, After Disappointing 2011 | February 2012 |
| ▶ Asia-Pacific Forecast: Hawaii in the Asia-Pacific Century | December 2011 |
| ▶ State Forecast Update: Hawaii in Pause Mode | November 2011 |
| ▶ Annual Hawaii Forecast: With Hawaii Growth Slow, US Risk Looms Large | September 2011 |
| ▶ County Forecast: Uneven Recovery Continues | May 2011 |
| ▶ State Forecast Update: Japanese Quake Won't Derail Recovery | May 2011 |
| ▶ State Forecast Update: Rail Will Add to Momentum | February 2011 |
| ▶ Construction Forecast: Rail Construction Will Spur Industry Pick-Up | February 2011 |
| ▶ State Forecast Update: Hawaii's Two-Speed Recovery | December 2010 |
| ▶ Global Economic Forecast: World Recovery Falter | December 2010 |
| ▶ State Forecast Update: Strong Summer for Tourism | October 2010 |
| ▶ Construction Forecast: Construction Begins to Stabilize | September 2010 |
| ▶ County Economic Forecast: Counties Begin Recovery After Record Downturn | June 2010 |
| ▶ Annual Hawaii Economic Forecast: Hawaii Recovery Takes Hold | March 2010 |

Author of numerous UHERO Briefs / Topical Articles / Blogs

Work of general interest published online:

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| ▶ Slides for the textbook <i>Forecasting: Principles and Practice</i> by Hyndman and Athanasopoulos | 2014 |
| ▶ Option Pricing with S+ FinMetrics | Technical Report, 2007 |
| ▶ Anatomy of Cobb-Douglas Type Production/Utility Functions in Three Dimensions | Mimeo, 2006 |
| ▶ Anatomy of CES Type Production/Utility Functions in Three Dimensions | Mimeo, 2006 |