

# Kenneth R. Szulczyk, Ph.D.

RESEARCHER · LEADER · EDUCATOR

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## Education

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### Texas A&M University, AACSB Accredited

*College Station, Texas USA*

DOCTOR OF PHILOSOPHY, AGRICULTURAL ECONOMICS

*Jan 2004 - May 2007*

- Specialty: Environmental and Natural Resource Economics
- Dissertation: Market Penetration of Biodiesel and Ethanol
- Cited 13 times
- Cumulative GPA: 3.454 (4.0 Scale)

### Oklahoma State University, AACSB Accredited

*Stillwater, Oklahoma USA*

GRADUATE COURSE WORK

*Jan 2000 - Dec 2003*

- Completed graduate courses in economics, electrical engineering, and statistics
- Cumulative GPA: 3.86 (4.0 Scale)

### Oklahoma State University, AACSB Accredited

*Stillwater, Oklahoma USA*

MASTER OF SCIENCE IN ECONOMICS

*Aug 1993 - May 1995*

- Cumulative GPA: 3.93 (4.0 Scale)

### Northern Michigan University, AACSB Accredited

*Marquette, Michigan USA*

BACHELOR OF SCIENCE IN ECONOMICS, MAGNA CUM LAUDE

*Jan 1992 - July 1993*

- Cumulative GPA: 3.76 (4.0 Scale)

## Peer-Reviewed Research

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### Overall Research

*Google Scholar h-Index: 5*

CITED 189

*As of September 12, 2018*

### Using Cyclical Components to Improve the Forecasts of the Stock Market and Macroeconomic Variables

*Journal of Modern Applied  
Statistical Methods*

SZULCZYK AND SADIQUE

*2018*

- Impact factor: 0.39
- Rank B (ABDC Ranking)
- Cited 0 times

### The Potential and Environmental Ramifications of Palm Biodiesel: Evidence from Malaysia?

*The Journal of Cleaner  
Production*

SZULCZYK AND KHAN

*2018*

- Impact factor: 5.7900
- Listed with Australian Research Council (ERA)

### Does Investor Sentiment Predict the Near-term Returns of the Chinese Stock Market?

*International Review of Finance*

CHEEMA, MAN, AND SZULCZYK

*2018*

- Impact factor: 0.5580
- Rank A (ABDC Ranking)
- Cited 1 times

## **Moving in the Right Direction to Fight Financial Crime: Prevention and Detection**

FAUZI, SZULCZYK, AND BASYITH

- Impact factor:
- Rank C (ABDC Ranking)
- Cited 0 times

*Journal of Financial Crime*

2018

## **Cross-sectional and Time Series Momentum Returns and Market Dynamics: Evidence from Japan**

CHEEMA, NARTEA, AND SZULCZYK

- Impact factor: 0.648
- Rank A (ABDC Ranking)
- Cited 1 times

*Applied Economics*

2018

## **Searching for Rational Bubble Footprints in the Singaporean and Indonesian Stock Markets**

NARTEA, CHEEMA, AND SZULCZYK

- Impact factor: 0.29
- Rank B (ABDC Ranking)
- Cited 1 times

*Journal of Economics and Finance*

2017

## **Market Penetration of Biodiesel**

SZULCZYK AND MCCARL

- Five-year impact factor: 6.796
- Unranked (ABDC Ranking)
- Cited 55 times

*Renewable and Sustainable Energy Reviews*

2010

## **Market Penetration of Ethanol**

SZULCZYK, MCCARL, AND CORNFORTH

- Five-year impact factor: 6.796
- Unranked (ABDC Ranking)
- Cited 48 times

*Renewable and Sustainable Energy Reviews*

2010

## **Which is a better Transportation Fuel – Butanol or Ethanol?**

SZULCZYK

- Impact factor: Unknown
- Unranked (ABDC Ranking)
- Cited 58 times

*International Journal of Energy and Environment*

2010

## **Could Biofuels be Used to Harvest the Greenhouse: An Economic Investigation of Biofuels and Climate Change?**

MCCARL, MAUNG, AND SZULCZYK

- ISBN-13: 978-1441903686
- Cited 12 times

*Chapter 12 in Handbook of Bioenergy Economics and Policy*

2009

## **Grants**

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### **A Dynamic Equilibrium Model to Mitigate Damage Costs from Biosecurity Risk: The Malaysian Agriculture Sector**

CO-INVESTIGATOR

- Build an endogenous price model of the Malaysia agriculture & plantation sectors
- Utilize model to study biohazards of palm oil, rubber, and paddy
- Plan to write three research articles
- Awarded 50,500 Malaysian ringgits (about 12,625 USD)

*FRGS Grant from the Malaysian Government*

*Aug 2017 - July 2019*

## **A Dynamic General Equilibrium Model to Mitigate Greenhouse Gas Emissions: The Malaysian Agriculture Sector**

*FRGS Grant from the Malaysian  
Government  
Aug 2016 - July 2018*

LEAD INVESTIGATOR

- Build an endogenous price model of the Malaysia agriculture & plantation sectors
- Utilize model to study biodiesel, bioelectricity, butanol, and ethanol
- Plan to write five research articles
- Awarded 50,000 Malaysian ringgits (about 12,500 USD)

## **Submitted Articles**

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### **Utilizing a Switching Regime Regression to Model and Predict a Stock Market Return**

*Empirical Economics*

SZULCZYK AND ZHANG

*Resubmit with minor revision*

- Impact factor: 0.614
- Rank A (ABDC Ranking)

### **Utilizing a Switching-Regime Regression to Decipher Investor Trading Rules for an Exchange Rate**

*Computational Economics*

SZULCZYK AND ZHANG

*Under Review*

- Impact factor: 1.053
- Rank B (ABDC Ranking)

### **The Economic Feasibility, Environmental Implications, and Potential Deforestation: The Case of Bioelectricity in Malaysia**

*The Australian Journal of  
Agricultural and Resource  
Economics*

SZULCZYK, CHEEMA, CULLEN, AND KHAN

*Under Review*

- Impact factor: 1.486
- Rank A (ABDC Ranking)

## **Current Research**

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### **Environmental Ramifications and Cost Competitiveness of Biodiesel, Bioelectricity, and Bioethanol: An Endogenous Price Model of Malaysia**

SZULCZYK, YAP, AND HO

- Rough draft completed

### **The Economic Costs of Biological Threats and Recovery of the Malaysian Paddy Fields**

*Decision Analysis*

SZULCZYK

*Plan to Submit*

- Impact factor: 1.063
- Rank A (ABDC Ranking)

### **Rational Speculative Bubbles: Evidence from the Asian Stock Markets**

SZULCZYK AND CHEEMA

- Rough draft completed

### **State of Investor Sentiment and Aggregate Stock Market Returns**

CHEEMA, MAN, AND SZULCZYK

- Rough draft completed

### **The feasibility, costs, and environmental implications of butanol production in Malaysia**

SZULCZYK AND CHEEMA

- Rough draft completed

## The Price Competitiveness, Environmental Ramifications, and Economic Impact of Bioethanol in Malaysia

SZULCZYK AND CHANGYONG

- Rough draft completed

## Experience

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### Curtin University Sarawak, AACSB Accredited

*Miri, Malaysia*

HEAD OF DEPARTMENT, FINANCE AND BANKING

*June 2015 - Present*

- Lead, evaluate, and monitor the teaching, research, and community activities of the department
  - Help faculty obtain research grants
  - Manage and mentor the staff
  - Recruit new staff
- Ensure students receive high-quality teaching by developing, reviewing, and evaluating courses
  - Strive to improve teaching quality
  - Ensure students learn using the most innovative pedagogies
  - Supervise and mentor research students
- Develop, implement, and review the school's strategic and business planning processes
  - Provide regular reports and achieve targets
  - Implement action when required
  - Manage the department's resources efficiently
- Maintain the department's website

### Curtin University Sarawak, AACSB Accredited

*Miri, Malaysia*

SENIOR LECTURER

*Feb 2014 - Present*

- Teaching or have taught lectures and tutorials for the following units
  - International Finance, Introductory Economics, Intro. to Derivative Securities, Intro. to Financial Instruments & Markets, Intro. to Business Financial Modeling, Mergers & Acquisitions, Microeconomic Theory, and Personal Finance

### Universiti Utara Malaysia, AACSB Accredited

*Sintok, Malaysia*

VISITING SENIOR LECTURER

*Jan 2012 - Jan 2014*

- Taught Principles of Economics, Industrial Organization, International Trade, International Finance, Financial Economics, and Tourism Economic Analysis

### American University of Bosnia and Herzegovina

*Tuzla, Bosnia and Herzegovina*

ASSISTANT PROFESSOR OF ECONOMICS

*Sept 2010 - June 2011*

- Mentored students with their senior thesis projects
- Taught Global Economy, Global Finance, International Financial Management, Macroeconomics, Microeconomics, Introduction to Information Technology, and Library/Information Literacy

### University of Central Arkansas

*Conway, Arkansas USA*

ADJUNCT FACULTY

*June 2010 - July 2010*

- Taught International Trade

### Suleyman Demirel University

*Almaty, Republic of Kazakhstan*

PROFESSOR OF ECONOMICS

*Sept 2009 - May 2010*

- Taught Data Analysis and Economic Forecasting, Growth and Development, Political Economics, and Production Economics to the undergraduates
- Taught Environmental and Natural Resource Economics, and Statistical Methods to the MBA students

### Henderson State University, AACSB Accredited

*Arkadelphia, Arkansas USA*

VISITING ASSISTANT PROFESSOR

*Aug 2008 to May 2009*

- Taught Introductory Micro and Macro-economics

- Taught Algebra, AP Calculus, Chemistry, and Pre-Calculus

## Leadership

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**Chair** of Two Sessions, The International Conference on Business & Sustainable Development 2018

**Chair** of Energy Economics Session, The International Conference on Applied Economics & Policy 2017

**Lead Research Team**, FRGS grant from Malaysian government, July 2016 to the present

**Head of Department**, Finance & Banking, June 2015 to the present

**Temporary Dean** of Faculty of Business in December 2016

**Chair** of the hiring committee between 2016 and 2018

**Treasurer** of the Global Communications Project, which hosted a conference in Miri, Malaysia in June 2015

## Honors & Awards

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2018	<b>Best Paper Award</b> , International Conference on Business & Sustainable Development	<i>University of Rajshahi, Bangladesh</i>
2014	<b>Award</b> , 2014 Student Choice Award for Best Lecturer in Finance & Banking	<i>Curtin University Malaysia</i>
2001	<b>Gold Certificate</b> , OCTR Oklahoma Council of Teachers of Russian	<i>Oklahoma State University</i>
1993 – 1994	<b>Fellowship</b> , Richard W. and Lynn Poole Distinguished Graduate Fellowship	<i>Oklahoma State University</i>
1992 – 1993	<b>Recipient</b> , Board of Control Scholarship	<i>Northern Michigan University</i>
1992 – 1993	<b>Member</b> , Golden Key National Honor Society	<i>Northern Michigan University</i>
1992 – 1993	<b>Outstanding Academic Achievement</b> , Calculus and Analytical Geometry IV	<i>Michigan Tech University</i>
1990	<b>Recipient</b> , George B. Robbe Memorial Scholarship	<i>Michigan Tech University</i>

## Hobbies & Activities

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<b>Drawing</b>	Use graphite and color pencils. Raised 300 ringgits by donating four drawings to the Miri Hindu Society in 2015
<b>Scuba Diving</b>	PADI Master Scuba Diver and PADI Divemaster with diving specialties in deep, digital underwater photography, enriched air, night, rescue, underwater navigation, and wreck
<b>Jogging</b>	Participate in runs between 5k and 12k

## Computer Skills

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<b>Audio and Video Editing</b>	AcidRip, Handbrake, Microsoft Movie Editor
<b>Computer Languages</b>	Basic, HTML/CSS, Pascal, JavaScript
<b>Hardware</b>	Install/upgrade motherboards, CPUs, memory, and hard drives for computers and laptops
<b>Microsoft Office</b>	Access, Excel, PowerPoint, Word
<b>Open Office</b>	Calc, Impress, Writer
<b>Operating Systems</b>	Windows, Linux Mint, Ubuntu
<b>Photographs</b>	Darktable, GIMP, Paint.NET
<b>Publishing</b>	EPUB, LaTeX, Sigil
<b>Math and Statistics</b>	E-views, GAMS, R

## Other Writings

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### Construction of the Malaysian Agricultural and Plantation Greenhouse Gas Equilibrium Model (MAPGEM)

SZULCZYK, K.R.

- Tech Document

*Ebook*

2018

### The Economics of Government

SZULCZYK, K.R.

- Textbook
- ISBN-13: 978-1450532839

*Amazon*

2012

### Money, Banking, and International Finance

SZULCZYK, K.R.

- Textbook
- ISBN-13: 978-1479159765

*Amazon*

2013

### The Prosperous Malaysian Palm Oil Industry

SZULCZYK, K.R.

- Newspaper Article

*CSM Express and Borneo Post*

May 6, 2014

## Intellectual Property Rights

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### Copyright©

Registered the software for the Malaysian Agriculture and Plantation Greenhouse Gas Equilibrium Model (MAPGEM) with the U.S. Copyright Office, U.S. Library of Congress

## Presentations & Workshops

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Mar 9, 2018	<b>Best Paper Award</b> , International Conference on Business and Sustainable Development	<i>University of Rajshahi, Bangladesh</i>
Jan 10-12, 2018	<b>Co-author</b> , 24th EBES Conference Bangkok	<i>Eurasia Business and Economics Society</i>
Nov 28, 2017	<b>Presenter</b> , International Conference on Economics	<i>Universiti Malaysia Sabah</i>
Aug 22, 2017	<b>Presenter</b> , The International Conference on Applied Economics & Policy	<i>University Malaya</i>
Oct 10, 2015	<b>Opening Speech</b> , Financial Awareness Talk for Curtin Finance Club	<i>Curtin University Malaysia</i>
Apr 10, 2015	<b>Presenter</b> , Micro-learning	<i>Curtin University Malaysia</i>
Feb 13, 2015	<b>Facilitator</b> , Programming in R	<i>Curtin University Malaysia</i>
May 23, 2014	<b>Presenter</b> , Ecotourism, Pygmy Elephant Reserves and Oil Palm...	<i>Curtin University Malaysia</i>
Dec 4, 2012	<b>Presenter</b> , The Economics of the Malaysian Palm Oil Industry...	<i>Universiti Utara Malaysia</i>

## Membership

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**Member** of the Professional Association of Diving Instructors

**Lifetime Member** of the Malaysian Economic Association