

**The 58th Annual MBAA International Conference  
Academy of Business Economics  
Chicago, Illinois  
March 24, 2022**

**Benefits of Applying LG Income Tax Simplification Method for  
Federal Government, Businesses, and Individuals**

*Robert Kao<sup>1</sup> and John Lee<sup>2</sup>*

**Keywords:** Tax Simplification, Federal Business and Individual Income Tax, Linear and Gradual Tax System

**JEL Classifications:** G18, H21, H25, H71, C02

**Abstract**

Taxpayers and companies prefer a simplified and efficient federal tax system to the current complex one. This paper measures benefits and values by comparing the existing Federal tax calculation system to the proposed linear and gradual (LG) tax simplification for withholding tax, income tax, tax return, analysis, projection, fiscal note, tax evasion, tax fraud, and tax reform. The proposed tax simplification method could help simplify the Federal tax system by matching and reducing the existing seven to three tax brackets and improving the existing overburdened 21-page of the Withholding Tables and 224 formulas. Most taxpayers with standard deductions and tax credits may benefit from tax returns by using the proposed tax simplification method to increase efficiency and reduce the related administrative costs of the federal tax bureau. The research estimates several benefits and calculates cost-saving amounts by applying the proposed LG tax simplification method, which can streamline the federal government taxation process. Additionally, the proposed method can also benefit businesses and individuals by lowering administrative costs and reducing the tax processing time.

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2. John Lee, Rigel Technology Corporation, Olathe, KS.

**Business Economics Program Sessions  
(Time is Central (Chicago) Standard Time)**

**Wednesday, March 23, 2022**

**BUSINESS ECONOMICS**

**1:30 – 2:45 p.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Economic Impact of COVID 19 and the Cares Act**

Chair: Timothy S. Vaughan, University of Wisconsin – Eau Claire

**COVID19- Economic Impact of Stimulus Payments- A Tale of Two Stories**

Anthony Narsing, Middle Georgia State University

Greg George, Middle Georgia State University

Summer-Beattie Moore, Middle Georgia State University

**The Impact of the Cares Act on Local Labor Markets**

Anthony Narsing, Middle Georgia State University

Greg George, Middle Georgia State University

**“The Great Resignation”: A Graphical Interpretation**

Timothy S. Vaughan, University of Wisconsin – Eau Claire

**BUSINESS ECONOMICS**

**3:00 – 4:15 p.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Topics in Pedagogy I**

Chair: Matthew Kutch, Ohio Northern University

**Demographic and Socioeconomic Factors Affecting Educational Outcomes of High School Students**

Joel F. Schwartz, Purdue University Northwest

Taylor Kroon, Purdue University Northwest

Amlan Mitra, Purdue University Northwest

**Incorporating Economic Forecasting into Introductory Business Statistics Classes**

Jeanne Boeh, Augsburg University

Ibrahim Keita, Augsburg University

**Assessment and Retention of Microeconomics Knowledge**

Matthew Kutch, Ohio Northern University

**Thursday, March 24, 2022**

**BUSINESS ECONOMICS**

**8:00 – 9:00 a.m. .... Logan Room, 3rd Floor**

**Theme: Topics in Fiscal Policy**

Chair: Thomas R. Sadler, Western Illinois University

**The Impact of State Fiscal Policy on States' Resilience Exiting the Great Recession**

Kathy Paulson Gjerde, Butler University

Peter Prescott, Butler University

**An Economic Evaluation of the European Union's 2030 Climate Policy Plan**

Thomas R. Sadler, Western Illinois University

**BUSINESS ECONOMICS**

**9:15 – 10:30 a.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Undergraduate Research Session**

Chair: Viet Tran, Purdue University Fort Wayne

**Public Policy Analysis of Superfund Sites in Northwest Indiana Region**

Farida Akhmadullina, Purdue University Northwest

Wendy Marie Wells, Purdue University Northwest

Jack Mansmith, Purdue University Northwest

Jacob Slater, Purdue University Northwest

**The Impact of Air Quality on Indiana Standardized Test Scores**

Tyler A. Stoeger, Purdue University Northwest

**Economic Impact of the Poke-Bache Trail**

Nodir Adilov, Purdue University Fort Wayne

David Bresnahan, Purdue University Fort Wayne

Nikolas Albertson, Purdue University Fort Wayne

Viet Tran, Purdue University Fort Wayne

Heather L.R. Tierney, Purdue University Fort Wayne

**BUSINESS ECONOMICS**

**10:45 a.m. – 12:00 p.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Topics in Microeconomics**

Chair: Valerica Vlad, Penn State Behrend

**Do Consumer Bankruptcies Exhibit Seasonality?**

Donald Hackney, Gonzaga University  
Dan Friesner, North Dakota State University  
Heather L.R. Tierney, Purdue University Fort Wayne

**Do Non-Financial Characteristics Impact Financial Statement Comparability?**

Dan Friesner, North Dakota State University  
Andrew Brajcich, Gonzaga University  
Casey McNellis, Gonzaga University

**Synergistic Effects of Multiple Policy Instruments: A case of Two Environmental R&Ds.**

Valerica Vlad, Penn State Behrend

**BUSINESS ECONOMICS**

**1:30 – 2:45 p.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Topics in Time Series**

Chair: Matt Lutey Indiana University Northwest

**Risk of the Cross-sectional returns in Foreign Exchange Markets**

Jinsuk Yang, University of Southern Indiana  
Sung Myun Kang, University of Texas-Arlington  
Sang Woo Heo, University of Southern Indiana

**Does Okun’s Law and its Coefficient,  $\beta = 3$  exists? Evidence from 15 South and Southeast Asian Countries.**

Abdus Samad, Utah Valley University

**Ichimoku Forecasting Technique in U.S., France, Germany Japan, U.K.**

Matt Lutey, Indiana University Northwest  
Dave Rayome, Marquette University

## **BUSINESS ECONOMICS**

**3:00 – 4:15 p.m.** ..... **Logan Room, 3<sup>rd</sup> Floor**

### **Theme: Topics in Public Policy**

Chair: Robert Kao, Park University

#### **Female Leadership, Democratization, and Firm Innovation: Social Inequalities and Gender Issues in Post-Communist Economies:**

Adrita Iman, Purdue University Fort Wayne  
Zafar Nazarov, Purdue University Fort Wayne  
Anastassia Obydenkova, Uppsalla University

#### **U.S. Urban-Rural Income Differences: A 2019 State-Level Study**

Mark Jelavich, Baker University

#### **Benefits of Applying LG Tax Simplification Method for Federal Government, Businesses, and Individuals**

Robert Kao, Park University  
John Lee, Rigel Technology Corporation

**Friday, March 25, 2022**

## **BUSINESS ECONOMICS**

**8:00 – 9:15 a.m.** ..... **Logan Room, 3rd Floor**

### **Theme: Risk in Microeconomic Issues**

Chair: John R. Stinespring, University of Tampa

#### **Measuring the rate of technological change in the satellite launch industry**

Nodir Adilov, Purdue University Fort Wayne  
Nikolas Albertson, Purdue University Fort Wayne  
Peter J. Alexander, Federal Communications Commission  
Brendan M. Cunningham, Eastern Connecticut State University

#### **Before, During, and After: The Reduction of the Perceived Risk in Travel Through the Use of Thematic Tour Groups**

Aaron J. Schibik, University of Southern Indiana  
Peggy O. Shields, University of Evansville  
Timothy J. Schibik, University of Evansville

#### **Loss Aversion is a Feature Not a Bug of Neoclassical Microeconomics**

John R. Stinespring, University of Tampa  
Aaron D. Wood, University of Tampa

**BUSINESS ECONOMICS**

**9:30 – 10:45 a.m. .... Logan Room, 3<sup>rd</sup> Floor**

**Theme: Topics in Pedagogy II**

Chair: Stella Koutroumanes Hofrenning, Augsburg University

**Applying Normative Ethics to Teach Economic Concepts**

David McClough, Ohio Northern University

**Classroom Activities from Interdisciplinary Collaborations between Math and Economics**

Stella Koutroumanes Hofrenning, Augsburg University

**Midterm Grades, Information, and Student Effort**

Jeffrey Cline, Purdue University Fort Wayne