

# Matthew Lutey

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## Education

### **University of New Orleans**

Ph.D., Financial Economics, 2019 anticipated.

Fields: International Finance, Asset Pricing, Corporate Finance, Financial Markets

### **University of New Orleans**

M.S. Financial Economics, 2017.

Qualifying: Microeconomics, Macroeconomics, Corporate Finance, Investments

### **Northern Michigan University**

M.B.A., 2013

### **Northern Michigan University**

B.S., 2011.

## Dissertation

“Stock Price Pattern Predictability and Conditional Returns”

Modern computer vision such as Histogram of Oriented Gradients can summarize information from images in a final feature vector (a vector of image information) which can be used for image training and processing. Our paper uses this method with object detection (detecting a smaller image or object in a larger image among noisy data). Combining computer vision with technical chart patterns from Lo, Mamysky, and Wang (2000) we discuss whether image processing can be a useful tool for economists.

## Publications

Lutey, Matt, Mohammad Kabir Hassan, and Dave Rayome.

”An Application of Can Slim Investing in the Dow Jones Benchmark.”

Asian Journal of Economic Modelling 6.3 (2018): 274-286.

Lutey, Matthew, Michael Crum, and David Rayome.

”OPBM II: An Interpretation of the CAN SLIM Investment Strategy.”

Journal of Accounting and Finance 14.5 (2014): 114.

Lutey, Matt, Michael Crum, and David Rayome.

”Outperforming the Broad Market: An Application of Can Slim Strategy.”

ASBBS e-Journal 9.1 (2013): 90.

## Working Papers **Revise and Resubmit**

Federation of Business Disciplines (FBD, 2016)

Lutey, Matt, Mohammad Kabir Hassan, and Dave Rayome.

"An Application of Can Slim Investing in the Dow Jones Benchmark."

## **Under Review**

N/A

## **Working**

Matt Lutey, Neal Maroney.

"Reliability of Stock Price Pattern Predictability"

Using data about nonlinear stock price patterns outlined in Lo, Mamysky, and Wang (LMW, 2000) (i.e., Head and Shoulders) we test the ability of kernel density estimators to uncover the chart patterns and discuss their frequency using an automated bandwidth. This is done for the full CRSP cross section of stocks omitting penny stocks. This feeds in to the second essay "Stock Price Pattern Predictability and Conditional Returns.

Matt Lutey, David Rayome

"A primer on the Ichimoku Cloud"

Previous studies have shown moving averages to have predictive power in excess of macro fundamentals. This paper considers the Ichimoku cloud as a variation of the moving average which is constructed off of the midpoint between high and low values (rather than a smooth average of close). Trading signals are outlined in Linton (2010). Preliminary results show the cloud to achieve profit on a basket of 30 randomly selected stocks and on four major benchmarks. Combining the signals of the Ichimoku cloud and moving averages generates statistically significant excess return.

Matt Lutey

"Comparison of Stock Selection Strategies"

This paper compares rule based stock selection strategies and evaluates them for superior performance. The CAN SLIM system is compared with Warren Buffett's method. The results show simplifying the CAN SLIM method to two criteria based on current earnings and price near 52 week highs can show positive risk adjusted returns. The returns are also tested in a Fama and French 3 factor portfolio. Previous studies of the CAN SLIM system are evaluated and updated to include out of sample testing after publication. This shows viability of backtesting with compustat point in time data. The results are robust to additional benchmarks.

## Conferences   **Presentations**

### **An Application of Can Slim Investing in the Dow Jones Benchmark**

Presenter - World Business Institute (WBI),  
New York, NY, 2017

### **An Application of Can Slim Investing in the Dow Jones Benchmark**

Presenter - Southwestern Finance Association (SWFA),  
Oklahoma City, OK, 2016

### **An Application of Can Slim Investing in the Dow Jones Benchmark**

Presenter - Academy of Economics and Finance (AEF),  
Pensacola, FL, 2016

### **OPBM II: An Interpretation of the CAN SLIM Investing Strategy.**

Presenter - MBAA International,  
Chicago, IL, 2014

### **Outperforming the Broad Market: An Application of Can Slim Strategy**

Presenter - ASBBS,  
Las Vegas, NV, 2013

### **Chair**

N/A

### **Discussant**

Discussant Southern Finance Association,  
Asheville, NC, 2018

Discussant World Business Institute  
New York, NY, 2017

Discussant Southwestern Finance Association,  
Oklahoma City, OK, 2016

Discussant MBAA International,  
Chicago, IL, 2014

Discussant ASBBS  
Las Vegas, NV, 2013

### **Reviewer**

Committee Member Eastern Finance Association,  
Miami, FL, 2019

## Academic **Instructor Full Responsibilities**

Department of Economics and Finance, University of New Orleans

Spring 2019

Microeconomics (Econ 1203) - On Schedule

Fall 2018

Macroeconomics (Econ 1204)

Rating:

Summer 2018

Microeconomics (Econ 1203)

Rating: 4.7/5.0

Spring 2018

Money and Banking (Econ 2221)

Rating: 4.5/5.0

Fall 2017

Fundamentals of Financial Management (Fin 3300)

Rating: 4.3/5.0

Summer 2017

Business Statistics (Qmbe 4400)

Rating: 3.7/5.0

## **Teaching Assistant**

Department of Economics and Finance, University of New Orleans

Spring 2018

Econometrics II (Qmbe 6282)

Fall 2017

Mathematical Economics (Qmbe 6280)

Fundamentals of Financial Management (Fin 3300)

## **Finance 3000 Lab**

Department of Economics and Finance, University of New Orleans

Fall 2018

Principles of Financial Management (Fin 3300)

Investments (Fin 3302)

## **Student Managed Investment Fund**

College of Business, Northern Michigan University

President 2013

Member 2011, 2012

Graduate Assistant	<p>Neal Maroney, University of New Orleans, 2017-2018</p> <p>John Levendis, Loyola University, Summer 2017</p> <p>Tarun Mukherjee, University of New Orleans, Fall 2014, Summer 2015</p> <p>M.Kabir Hassan, University of New Orleans, Fall 2014</p> <p>College of Business, Northern Michigan University, Fall 2013</p>
Awards and Honors	<p>Best Prize for Journal Award, Global Review of Accounting and Finance, 2017</p> <p>Tulane Algorithmic Trading Competition - 1st Place 2016, 2nd Place 2015.</p> <p>Privateer Graduate Award, University of New Orleans, 2014</p> <p>Best Paper of a Track - Finance, ASBBS Conference, 2013</p> <p>Health Occupations Students of America National Leadership Conference, 2007</p>
Seminars and Talks	<p>College of Business, Northern Michigan University</p> <p>Financial Planning Seminar, December 2013</p> <p>Technical Analysis Course, April 2013</p>
Industry Experience	<p>Investment Research Associate</p> <p>Wealth Strategy Group, Marquette, MI, 2012-2013</p>
Internships Finance	<p>Investment Research and Social Media</p> <p>Wealth Strategy Group, Marquette, MI, 2011-2012</p> <p>Financial Modeling</p> <p>Mommaerts and Mahaney, Marquette, MI, 2013</p> <p>Bloomberg and Bond Trading</p> <p>Commonwealth Financial Network, Boston, MA, 2013</p>
Volunteer Experience	<p>New Orleans Habitat for Humanity, Restore, 32 hours, 2018</p> <p>New Orleans Track Club, 4 Hours, 2018</p>
Computer Skills	<p>Wolfram Mathematica, R, Stata, C++, Python</p>
Professional Affiliations	<p>Finance Management Association (FMA) 2018</p> <p>Southern Finance Association (SFA) 2018</p> <p>Southwestern Finance Association (SWFA)2016,2018</p> <p>American Economics Association (AEA)2019</p>
Conference Attendance	<p>Finance Management Association (FMA) 2018</p> <p>AEA/ASSA 2019 forthcoming</p> <p>Eastern Finance Association (EFA) 2015</p> <p>R.I.S.E. Conference - Dayton Ohio 2013</p>
Teaching Interests	<p>Corporate Finance, Economics, Business Statistics, Money and Banking</p>
Research Interests	<p>Risk Premium, Filter Rules, Market Efficiency, Machine Learning, Pay Gap.</p>
References	<p>Available upon request.</p>

