School of Business Admisistration

organized by department/start time

ACC 602A - Information Assurance Presentations on Analytical Procedures (Part 1)

School of Business Administration: Accounting
Oral Presentation - Course Project, 201810 ACC 602A 01

PRESENTERS Aidan John Butler, Caitlin Rose Cantwell, Peter Michael McNeely, Maggie Roller
ADVISORS Marsha K Keune
LOCATION, TIME Miriam Hall 104, 1:00-2:00

Master of Professional Accountancy students present the results of a class project utilizing Tableau, a data visualization tool, to develop, evaluate, and communicate analytical procedures commonly performed by external auditors.

ACC 602A - Information Assurance Presentations on Analytical Procedures (Part 2)

School of Business Administration: Accounting
Oral Presentation - Course Project, 201810 ACC 602A 01

PRESENTERS Alison M Berry, Tyler David Grile, Timothy James Hoffman, Elinor Louise Schuck
ADVISORS Marsha K Keune
LOCATION, TIME Miriam Hall 104, 2:20-3:20

Master of Professional Accountancy students present the results of a class project utilizing Tableau, a data visualization tool, to develop, evaluate, and communicate analytical procedures commonly performed by external auditors.

ACC 602A - Information Assurance Presentations on Analytical Procedures (Part 3)

School of Business Administration: Accounting
Oral Presentation - Course Project, 201810 ACC 602A 01

PRESENTERS Jack Robert Crain, Jacob Michael Finley, Miranda Nicole Kurlandski
ADVISORS Marsha K Keune
LOCATION, TIME Miriam Hall 104, 3:40-4:40

Master of Professional Accountancy students present the results of a class project utilizing Tableau, a data visualization tool, to develop, evaluate, and communicate analytical procedures commonly performed by external auditors.

Flyer Enterprises

School of Business Administration: Crotty Center for Entrepreneurial Leadership
Oral Presentation - Independent Research

PRESENTERS Jon David Allen, Ryan James Barnes, Daniel Robert Bott, Melanie Rose Duffy, Michael A Haney, Ayrton Stanley Kazee, Anna Kathleen Pierce, Kyle Joseph Ransom, Abby Rose Schatzman, Jack Patrick Talaga
ADVISORS Janet R Leonard, Vincent C Lewis
LOCATION, TIME Miriam Hall 209, 1:20-1:40

Flyer Enterprises is the fourth largest student run business in the nation. The current executive team will present our business model and their passion and purpose for FE and the Dayton community.

Flyer Consulting: Past, Present, & Future

School of Business Administration: Crotty Center for Entrepreneurial Leadership
Oral Presentation - Independent Research

PRESENTERS Morgan Rose Eifert, Stephen Key Harvey, Eric William Mullet, Chloe Elizabeth Voelker
ADVISORS Vincent C Lewis
LOCATION, TIME Miriam Hall 214, 2:20-3:00

Flyer Consulting is one of the University of Dayton's fastest growing organizations that continues to evolve each semester. Our team takes the knowledge and skills gained in the classroom, as well as individual real-world internship/job experiences, and puts it to practical use for nonprofit organizations around the world. This Stander Symposium will serve as a unique opportunity for audience members to hear from the management team, project leaders, and younger members of the organization.

Empirical Research Presentations in Economics

School of Business Administration: Economics and Finance
Oral Presentation - Capstone Project

PRESENTERS Heather Ann Axton, Najm Olawale Babatunde, Luke Anthony Bir, Ian Joseph Blair, Mitchell Thomas Bloemer, Xavier Bonfiglio, Noah Duane Cable, Michael Thomas Callahan, Summer L Camper, Patrick Eugene Canning, Cameron Allen Cerbus, Xiangyun Chen, Andrew Benner Dewees, Michael Scott Dobak, Matthew Paul Forte, Jack F Glending, Dominick T Golubiewski, Trevor Austin Gonzalez, David William Graf, Kayla P Haberstich, Ryan J Harpst, Evan Mathew Heeter, Jason Henry Hessel, Connor Christopher Larkin, Despina Lawandi, Roy Daniel Lawrence, Geng Li, Wesley Lawrence Luvisi, Nathan Joseph Machel, Christopher Warren Mack, Samuel Jacob Mancini, Clare M Manion, Patrick Nathan Martinette, Tony Joseph Mazza, John Paul McNamara,

Emily Anne Michl, Eric J Nascone, Griffin Foster O'Gara, Julie Noelle Pochodylo, Tom Scott Pollock, Vidyaarthi Pugalenthi, Reed E Rayburg, Zachary William Reid, Robert Paul Richardson, Naimeh Osama Saleh, Nicholas Anthony Salerno, Wyatt James Satre, Mitchell V Schleyer, Sarah Elizabeth Sepanski, Michael Robert Sernus, Joshua William Simpson, Alex Marie Stahanczyk, Benjamin Daniel Steinhart, Nathan Peter Stemen, Caroline Grace Stockglausner, Jacob G Strippy, Benjamin D Vasunia, Lucas James Wahlen, Changhan Wang, Jake Austin Warnica, Darian A Washington, Evan J Willmann, Yifei Wu, Yuhui Wu, Bennett Alexander Zynn
ADVISORS Nancy L Haskell
LOCATION, TIME Miriam Hall 109, 8:30-5:30

Four years of coursework culminate in a written and oral presentation of an empirical research project during the senior capstone course. Students apply economic theory and econometric techniques to analyze data in order to answer an original research question.

Trends In Private Fixed Investment:And the 2008 Recession

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Bennett Alexander Zynn
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

In recent years a number of financial economists have been concerned about the lack of growth in capital investments by business firms. In this study I look at the intermediate and long term trends in private fixed investment (PFI) to determine if the severe recession in 2008 has altered business investment growth. Since PFI is divided into structures, equipment and intellectual property (e.g. computer software), it is important to evaluate these sub category trends as well. My research design is as follows; 1) I develop linear trend equations for the periods between time periods 1999-2007 and 2009-2017 to determine if the regression coefficients are significantly different. I test the hypothesis that the b coefficients for the 1999-2007 period are greater than the b coefficients for the 2009-2017 period, 2) I run linear regressions for the complete period of 1999-2017 and include a dummy variable Di and set it equal to one for the 4 quarters in 2008 to determine if there is a downward shift in the regression line due to the 2008 recession, 3) Finally, in the 2009-2017 period there is evidence of a pick-up in both gross domestic product and gross domestic income over the latter half of this period. To see if there is a structural shift upwards in the regression line, I add a second dummy variable, D2 and set it equal to one for the 12 quarters in 2015, 2016, and 2017. I test the hypothesis that an extremely low unemployment rate, steady employment growth and low interest rates have combined to cause an upward shift in private fixed investment in recent years.

The Inverse of the Coefficient of Variation as a Portfolio Weighting Factor: An Empirical Analysis of Returns for the Consumer Discretionary Sector 2019-2017

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Emily Marie Teutsch
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

Portfolio stock weights based on the mean-variance proposition suggests that investors for any given level of risk will attempt to maximize returns and for any given level of return, will attempt to minimize risk. In this study, I used the inverse of the coefficient of variation (COV) as a proxy for the investor's return/risk ratio. Using 1/COV, I develop portfolio stock weights for the 20 top stocks by market value in the SPDR Consumer Discretionary sector ETF (XLY). I give higher weights to stocks with higher return/risk ratios and rebalance these ratios annually. I use a 3-year moving average of stock returns to capture the return/risk ratios. Performance is calculated for the years 2009-2017. The benchmark is the S&P 500 SPDR ETF SPX.

U.S. Inflation Trends and the 2008 Recession

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Alison M Berry, Carmen May DeRose
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

The U.S Federal Reserve Board uses long term inflation trends and projections to guide its policy decisions on controlling inflation. The objective of this study is to determine if the severe recession in 2008 altered the long term trend in inflation. Using the Consumer Price Index (CPI) as well as the Personal Consumption Expenditure Index (PCE) for our measures of inflation, we first divide the overall period of analysis into two nine year periods, 1999-2007 and 2009-2017, with 2008 the inflection point. Using linear regression with time as the independent variable, we develop regression coefficients (B) for both nine year periods and test the hypothesis that the 1999-2007 B coefficient is larger than the 2009-2017 B coefficient. If the hypothesis is correct, the difference in the B coefficients can be considered a proxy for the 2008 recession effect on trend inflation. We also run another test where a linear regression is run for the complete period but a dummy variable, D1, is added to the equation line with D1=1 for the 12 months in 2008. We test for a negative coefficient attached to D1, which indicates a downward shift in the regression line and provides

another measure of the effect of the 08 recession on the inflation trend. Finally we test for a Phillips Curve effect on inflation trend in the 2009-2017 period. With U.S. unemployment reaching a rate around 4% during the last third of the 2009-2017 period, we run another trend regression but add the dummy variable D2 for the months in 2015, 2016, and 2017, in order to test for an upward shift in the inflation regression line. A positive coefficient attached to D2 would suggest the presence of the Phillips Curve affect.

Investing in S&P 500 Stocks: Do Size and Value Still Matter

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Margaret Eileen Schutter
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

Empirical research by financial economists show that small cap stocks outperform large cap stocks and value stocks outperform growth stocks over long periods of time (20 years or more). In this study, I extend the previous research by examining returns to portfolios based on size and value but over a much shorter time period, 2009 – 2016, to determine if the traditional outperformance patterns still hold. The 2009 – 2016 period is important because it includes the market rebound from the 2008 recession and has all the appearances of a long run bull market. It is also impacted by one of the most aggressive monetary easing policies in U.S. history. The universe of stocks is the S&P 500. Portfolios are rebalanced yearly.

A Fundamentals Based Portfolio Weighting Model for the Information Technology Sector:An Empirical Analysis: 2009-2017

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Sallie Rebecca DeYoung
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

A central proposition in finance theory is that investors are risk averse and attempt to minimize the risk relative to expected returns regardless of the particular asset class being considered as an investment. In this study, I combine a fundamentals-based approach to portfolio weighting with a measure of return relative to risk to generate portfolio performance for the Top 20 Stocks by market value in the SPDR Information Technology Sector. I use a three-year moving average of each stock's earnings per share to calculate the inverse of the coefficient of variation (1/cov), a return-risk ratio. Higher portfolio weights are given to stocks with higher 1/cov ratios. Stock weights are recalculated each year so that the portfolio is rebalanced annually. The initial investment is $1,000,000. Portfolio returns are generated for the years 2009-2017 and the performance benchmark is the SPDR S&P 500 ETF (SPY).

Technical Analysis and S&P 500 Sector Returns, 2010-2016

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS John Tausch Gizzie
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

The efficient market hypothesis suggests technical analysis has no role to play in determining stock or portfolio returns. In practice, however, a large number of investment managers employ technical analysis to generate excess returns or alpha relative to the market. In this study, I test an intermediate, to long-term horizon technical analysis measure, the 200 day moving average (MA200), to determine if it generates portfolio alpha. The top ten stocks by market value in the SPDR sectors Consumer Discretionary (XLY), Information Technology (XLK), and Health Care (XLV) are treated as stock portfolios and each stock's MA 200 is used as the portfolio weighting metric. The weighting decision rules are: (1) P>MA200 receives higher weights and (2) P<MA200 receives higher weights. The period of analysis is 2010-2016 and the benchmark is the S&P 500 ETF (SPY).

Gross Domestic Income and Stock Returns: An Empirical Analysis, 2009-2017

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Michael Anthony Capicotto, Evan J Willmann
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

Most financial economists agree that macroeconomic factors, as exogenous variables, must be included in asset pricing models in order to explain the variation in expected returns. In this study, I test the hypothesis that Gross Domestic Income (GDI) explains stock market price movements over time. I use linear regression analysis to identify the covariation between GDI and the top ten stocks by market value in the following SPDR sectors; (1) Healthcare, (2) Consumer Discretionary, (3) Information Technology, and (4) Industrials. Based on the regression coefficients (B), I develop portfolio weights for the stocks within each sector, with higher

weights given to stocks with higher B coefficients. Assuming a $1,000,000 investment in each sector portfolio, I calculate returns for the years 2009 - 2017. I also calculate out of sample returns for the first two months in 2018. The benchmark portfolio used to determine excess returns is the SPDR ETF SPY.

Size, Value, and Profitability in the Cross Section of Returns: An Empirical Analysis, 2008–2017.

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS William Binnie
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

In this study I extend the analysis of Fama and French and Novy-Marx on the effect of firm size, value and profitability on a portfolio's excess returns. The period analysis is 2008 -2017. For this analysis I use the same metrics for size (market value) and value (price to book) as Fama and French but differ in my measure of profitability. I use return on invested capital (ROIC) instead of return on equity or gross operating profits as a percent of assets because ROIC is considered a better measure of measure of the efficient allocation of capital as well as the firm's ability to generate economic value added. I test the following hypothesis. 1.) High ROIC large cap stocks outperform low ROIC large cap stocks 2.) High ROIC small cap stocks outperform low ROIC small cap stocks3.) High ROIC value stocks outperform low ROIC value stocks4.) High ROIC growth stocks outperform low ROIC growth stocks

Trends in Retail Sales Pre and Post 2008 Recession

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Luke Anthony Bir
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

One of the key indicators of the robustness of consumption spending in the U.S. economy is retail sales. In this study, I look at long term trends in retail sales, both pre and post the 2008 recession to determine if the sales trends have been materially altered after the 2008 recession. Using regression analysis, I develop time-trend regressions for two time periods 1999-2007 and 2009-2017. I test the hypothesis that the regression B-coefficient for the 1999-2007 period is larger than the B-coefficient for the 2009-2017 period, with the difference a proxy for the recession effect on retail spending.I also look at the e-commerce component of retail sales and carry out the following analysis: (1) I develop trend regressions for e-commerce sales pre and post 2008 recession and (2) I develop trend regressions for the ratio of the e-commerce sales to total retail sales pre and post 2008 recession. I expect the e-commerce B-coefficients to be larger after the 2008 recession.

A Smart Beta Portfolio Model fo the SPDR Healthcare Sector: An Empirical Analysis, 2009-2017

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Casey (Patrick) Casey Marsh
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

In recent years a large number of Exchange Traded Funds (ETFs) have opted for fundamentals based portfolio stock weights rather than equal-weighted or market value weighted. Fundamentals-based weighting models are often referred to as smart beta models because they create stock betas more closely aligned with a stock's intrinsic value. In this study I developed a smart beta portfolio weighting model for the SPDR Healthcare Sector. I selected the top 20 Healthcare Sector stocks by market value as my test portfolio and based on a three year moving average of earnings per share I generated portfolio weights using the inverse coefficient of variation (1/Covariation). Since (1/Cov) is essentially a return-risk ratio, I gave higher weights to stocks with higher return-risk ratios. The portfolio weighting model is re-balanced annually. Portfolio Performance is calculated for the years 2009-2017 and the benchmark is the S&P 500 ETF (SPY).

Smart Beta Modelling : The Case for Cyclically Adjusted Price/Earnings Ratios

School of Business Administration: Economics and Finance
Poster - Independent Research

PRESENTERS Nicholas Christopher Jacobs, Dan Edward Wollenberg
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

Schiller's Cyclically Adjusted Price/Earnings Ratio (CAPE) has been used by financial economists to determine the direction of the stock market, up or down. In this study, we develop portfolio weighting models with CAPE as the weighting factor. We use two

weighting decision rules: 1.) Higher weights are given to stocks with higher CAPE ratios and, 2.) Higher weights are given to stocks with lower CAPE ratios. The top ten stocks within the Consumer Discretionary, Consumer Staples, Industrials, Healthcare, and Information Technology sectors are used to test the alpha generating capability of the CAPE weighting factor. The returns for CAPE weighted portfolios are calculated for the years 2010-2016. The benchmark portfolio is the S&P 500 ETF SPY.

A Smart Beta Portfolio Model for the SPDR Industrial Sector: An Empirical Analysis, 2009-2017

School of Business Administration: Economics and Finance

Poster - Independent Research

PRESENTERS Will Luis Perez
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

Based on Rob Arnott's foundational work on using stock fundamentals to weigh portfolios of stocks, I developed a smart beta portfolio weighting model for the top 20 stocks by market value in the SPDR Industrial Sector. The model uses a portfolio weighting factor based on the coefficient of variation (COV). In essence, a stock gets a higher weight if the 1/COV (the return-risk ratio) is higher compared to other stocks. A three year moving average of earnings per share is used to calculate the return/risk ratio for each stock. The return-risk ratios are updated yearly with actual portfolio returns generated for the years 2009-2017. The performance benchmark is the S&P 500 ETF (SPY).

Forecasting U.S. Inflation

School of Business Administration: Economics and Finance

Poster - Independent Research

PRESENTERS John Martin Harmon
ADVISORS Tony S Caporale, Robert D Dean
LOCATION, TIME RecPlex Main Gym, 9:00-10:15

The U.S. Federal Reserve relies on a target rate of inflation of 2% to determine monetary policy actions regarding raising or lowering the federal funds rate. If the actual rate of inflation is above 2%, a tightening of monetary policy usually occurs. Conversely, an inflation rate below 2% can lead to a policy of monetary easing. The purpose of this study is to develop a time trend forecasting model of inflation to determine if expected inflation rates are above or below the target rate. Using CPI and CPI less food and energy as the measures of inflation, forecasts are made on a monthly basis for both 2017&2018.The forecasts for 2017 will determine the forecast accuracy of the regression models and the forecasts for 2018 will provide comparisons to the benchmark 2% target rate. The Root Mean Square Error(RMSE) is used to measure forecast accuracy. The time trend regression models are fitted to the monthly CPI data for 2009-2016 and 2009-2017.

Lending Club's Note Trading Platform Facade: An Examination of Peer-to-Peer (P2P) Lending Secondary Market Inefficiency

School of Business Administration: Economics and Finance

Oral Presentation - Honors Thesis

PRESENTERS Stephen Key Harvey
ADVISORS Tony S Caporale
LOCATION, TIME Miriam Hall 209, 1:00-1:20

Peer-to-Peer (P2P) lending is the practice of matching borrowers and lenders through a third-party, such as Lending Club, allowing for lenders to pool their funds together to match the need of a borrower. Those who pledge funds to a borrower receive a note proportional to their invested amount. After a loan closes, lenders may choose to sell their notes on a secondary market. These secondary markets allow for the lender to set a price and auction their notes. Through an analysis of Lending Club's secondary market (Note Trading Platform), it can be determined that this method of price setting often causes prices to be misaligned to the true value of notes. This results in an inefficient secondary market where the majority of notes posted for auction are never purchased; leaving lenders with a potential level of liquidity that is not met.

SBA BESST Program - Highlights & DiscussionBusiness Experience San Fransico & Silicon ValleyA Unique & Robust Intersession Course and Program

School of Business Administration: Management and Marketing

Panel Discussion - Course Project, 201780 MKT 494 N1

PRESENTERS Katie Ann Dombrowski, Giavanna Marie Facchiano, Alex Anthony Geiger, Emily M Lawton, Katherine Elise Olifirowicz, Myra Lee Peterson, George Albert Sechrist, Rehan Amin Syed, Andrew Szappanos, Emma Catherine Welge, Nicolette Ann Westberg
ADVISORS Irene J Dickey, Tracy K Miller
LOCATION, TIME Miriam Hall 101, 1:00-2:00

UD is about community and that community extends well into a robust business community of alumni working at amazing

companies in San Francisco and Silicon Valley. Join the students who visited 13 companies including Fit Bit, Linkedin; Google, Tesla, NASDAQ and Salesforce. This program brings their intercession experience to life with a video presentation and a Q & A. Follow-up work includes reflection work and a video project highlighting Alumni Leaders, company visits, events with Alumni Leaders, and other excursions. Students will share their experiences visiting with alumni and their colleagues and touring these companies. They will discuss their insights into networking events, meaningful discussions with alumni leaders, tours, and the network and community they built with the professionals they connected with!

Flyer Angels: A Student Run Angel Investment Fund

School of Business Administration: Management and Marketing
Panel Discussion - Independent Research

PRESENTERS Brandon Robert Braun, Maddie Walker Collins, Amy Elizabeth Nolan, Todd Richard Price, Jen Marie Rondinelli, Jack Patrick Talaga
ADVISORS Jay J Janney
LOCATION, TIME Miriam Hall 209, 1:40-2:20

Flyer Angels at the University of Dayton is one of 5-10 programs in the United States where undergraduate students make investments in technology-based startup companies. Students manage a 7 figure portfolio, with investments in four angel funds and 8 portfolio companies. Students analyze companies, conduct a due diligence analysis, and vote on providing funding to technology-based start-up companies. Currently students have invested $50k in Ohio Tech Angels Fund V, which raised $6 million. As members of fund V, students 4 times this year have joined an investment team of 8-10 individuals, who develop an investment proposal to all Fund V members. Typically they approve providing $250k investments from the fund, and students can invest an additional $10k-$25k in any investment deal they think merits an additional investment. Each year Flyer Angels selects 6 junior and senior entrepreneurship majors to form the following year's team. It's a paid position. Teams meet each week to discuss the current portfolio, conduct due diligence on investments they seek to make, and develop a funding proposal for deals they seek to make. In this session we'll ask this year's members to discuss their experiences, what they like and what surprises they have found. The audience is encouraged to ask questions as well.

OPS 495 Capstone Project Presentations (Part 1 of 3)

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS Bridget Marie Bittner, Ian Joseph Blair, Mateo Mateo Chavez, Abigail Catherine Dalton, David Addison Delworth, Brandy Alivia Gibson, Peter James Kania, Robert Cameron Kennedy, Brendan Christopher Kimes, Daniel Marquez, Jack Liam McHugh, Charles Gerald Reinhardt, Jack Elliott Schell, Daniel Eric Warner
ADVISORS Michael F Gorman, John J Kanet, Robert A Kinion
LOCATION, TIME Miriam Hall 103, 11:00-12:00

Senior Operations and Supply Management majors present the results of their Capstone Projects.

MIS CapstoneMidmarkInformation Technology Operations Dashboard

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS Armando Alonso, Seth N Bensman, Boyu Fan, Kara Ayanna Goodwin
ADVISORS Stephen Russell Hall, Sukhdev Nanda
LOCATION, TIME Miriam Hall 207, 1:00-1:30

MIS Senior Capstone ProjectFor Midmark, our goal is to create a live dashboard that incorporates various desired IT metrics to be displayed on TV monitors and made accessible from a network connected PC. An electronic dashboard is the desired final outcome that pulls data from sites used by Midmark to benefit their IT team when working within the company. Midmark traditionally uses waterfall methodology but is transitioning towards agile method. That being said, we as a team are going to use an agile method to go along with their current trend within the company. We will be working directly with Jeff Reed for the project and contact but there will be others from various departments in Midmark who help us determine what is useful or not when it comes to the design of the dashboard. Our currents idea for creating the dashboard is to use an external program such as PowerBI or Smartsheets, which pull data from numerous sites allowing you to put different metrics into a dashboard while it updates in real time.

OPS 495 Capstone Project Presentations (Part 2 of 3)

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS Sean Andrew Alexander, Steven Phillip Almeida, Breanne Marie Beitman, Yihan Cai, George Breen Cleary, Alyssa Frances Giese, Joseph Michael Ginley, Alayna Ashley Gornic, Sarahjane Hannibal, Christopher Patrick Harrison, Devin Michael Joss, Mary-Beth Elizabeth Macklin, Kayla Jane McLaughlin, Matthew E Moore, Nicolas A Paxson, Anne Marie Whalen, Zachary Robert Wilker
ADVISORS Michael F Gorman, Robert A Kinion

LOCATION, TIME Miriam Hall 103, 1:00-2:00

Senior Operations and Supply Management majors present the results of their Capstone Projects.

MIS Senior Capstone ProjectWright "B" FlyerQuickbooks & Point of Sale Implementation

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS Laylah Victoria Funk, Stephen Key Harvey, Lydia Noel O'Connell, Benjamin Joseph Warpinski
ADVISORS Stephen Russell Hall
LOCATION, TIME Miriam Hall 207, 1:30-2:00

MIS CapstoneWright "B" FlyerProject DescriptionThe University of Dayton MIS Capstone Team, consisting of Laylah Funk, Stephen Harvey, Lydia O'Connell, and Benjamin Warpinski, will be working with Jay Jabour from Wright "B" Flyer Inc. to consult on a variety of areas, as described below:?Aid in the migration of Quickbooks into the main Wright "B" Flyer Inc. office location?Build processes to extract relevant financial data from Quickbooks, in order to calculate a variety of metrics as defined by Wright "B" Flyer Inc.?Perform limited analysis for the past 3 years of Wright "B" Flyer, Inc. financial data to inform the process recommended for future extraction of relevant data from Quickbooks going forwardThe University of Dayton MIS Capstone Team proposes to present 3 deliverables to Wright "B" Flyer Inc. throughout the Fall 2017 semester (September 2017 - December 2017). The 3 deliverables are as follows: a Baseline Project Plan, a Requirements Document, and a Design Document. Dates for these presentations will be set up as the semester progresses.

MIS Senior Capstone ProjectUDIT - Enhance Printing Services

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS William Edward Doorack, Alex Joseph Formosa, Samuel Robert Parks, Michaela Jean Patsko, Jie Wang
ADVISORS Stephen Russell Hall, Merete Hvalshagen
LOCATION, TIME Miriam Hall 207, 2:20-3:00

UDIT approached our group in hopes of finding a solution to a few issues they were experiencing with the current print system on campus. There overall goal at the culmination of the project is to develop a system to make printing services at the University of Dayton more efficient, cost-friendly and sustainable while at the same time streamlining the process into one cohesive workflow. While this is the main backdoor objective, UDIT has also asked we boost marketing for this new system to increase awareness of the managed print system and to ensure that faculty and students feel more comfortable using it.The issue UDIT is facing centers around its managed print system, which has multiple different components. The first deals with the way people print on campus. There are currently two options, the managed print program which the university pays a service for, and the HP printers located in each faculty department. Our goal here is to find how cost effective it would be to eradicate all of the older HP printers and rely solely on the managed print service. Another issue they are facing, which is not as pressing as the first, centers around the contract UDIT currently has with Pro-Source will expire sometime in the middle of next year. Our goal here is to make sure that this company is providing the most cost effective service and no other competitors in the industry can offer any better. Our final task assigned to us by UDIT was to clean up current database of department codes within each of managed print printers to ensure each printer is specifically dedicated to a certain area on campus or department. Currently there are a myriad of codes on various different printers around campus that have not been cleaned up in the past 5-10 years. Cleaning up the codes will make the new system working process more easy to track, and create a database record every printing task. Rectifying all of these issues will achieve UDIT's goal of created a more streamlined, cost-effective, and energy efficient printing service at the University of Dayton.

OPS 495 Capstone Project Presentations (Part 3 of 3)

School of Business Administration: MIS, OM and Decision Sciences
Oral Presentation - Capstone Project

PRESENTERS Luke Joseph Bick, Kailee Ann Budicin, Stacy Nicole Cruze, Jing Dang, Kristina Sara Depaola, Andrew Thomas Fenlon, Connor T Hemmelgarn, Wallace James Huggett, John J Kanet, Nick X Mangan, Dieter F Manke, Nathan Jacob Marotta, Hannah Eden Odzer
ADVISORS Michael F Gorman, John J Kanet, Robert A Kinion
LOCATION, TIME Miriam Hall 103, 2:20-3:20

Senior Operations and Supply Management majors present the results of their Capstone Projects.