

# Advisory Board Presentation 

## Presentation Agenda

- Personal Introductions
- Presentation Topics
I. Objectives and Guidelines
II. Economic Environment
III. Security Analysis
IV. Portfolio Performance Evaluation
v. General Information
- Concluding Remarks


## AIM Analyst Bios

## Kelly Anderson

Bolingbrook, IL
Dollar Tree, Cinemark

## David Bratton

Houston, TX
Archer Daniels, MasTec

Michael Burkin<br>Orange, CA<br>Perrigo, Monro Muffler

## Robert Cahill

Oceanside, NY
Coca-Cola, Forest Labs

## John Goedert

Chicago, IL
Starwood, RBC Bearings
Joseph Hurtekant
Dallas, TX
Potash, Dick's Sporting Goods
Timothy Keebler
Philadelphia, PA
Discover, Teradata

Colin Keeler<br>Moorestown, NJ<br>Sonic, Panera Bread

## Patrick Kissling

Plymouth, MN
United Health, Boston Beer

## Anne Lenzi

Carmel, IN
Intel, Apollo Group

## Matthew Libel

Springfield, MO
Apple, Vistaprint

## David Mahin

Cincinnati, OH
American Tower, Dreamworks
Christopher Masoud
San Francisco, CA
Chevron, Tesla Motors

## Thomas McMackin

Chevy Chase, MD
Tessera, Overseas Shipholding
Joseph Mezyk
Chicago, IL
Gilead, Vale S.A.
Katie Misch
Detroit, MI
Qualcomm, Owens \& Minor
Griffin Naylor
Cincinnati, OH
Continental Resources, eBay
Ryan O’Donnell
Brunswick, GA
Fed Ex, Abercrombie \& Fitch

Patrick Robb
Kansas City, MO
Newmont, LabCorp
Kevin Slawinski
East Northport, NY
Google, Cummins
Charles Spokes
Overland Park, KS
Alliant Tech, Key Bank

Alex Study
Dayton, OH
EcoLab, Yum! Brands

## Eileen Sullivan

Chicago, IL
Hasbro, Estee Lauder

## Lauren Sullivan

Rosemont, IL
Caterpillar, Whole Foods

## Moises Torres Page

San Pedro de Sula, Honduras
Deere, Chipotle

## Nick Weido

Houston, TX
Starbucks, Halliburton

## Bradley Wright

Cincinnati, OH
Activision, Huron Consulting
Kathryn Zemlock
Indianapolis, IN
Amazon, Green Mountain


## Overview

- Analyst Selection
- Potential analysts submit both an application and resume
- Analyst class selected based on academic record and professional experience
- Course Objectives
- Blend traditional academic objectives with practical experience of hands-on investment management
- Provide analysts with thorough grounding in process of portfolio management


## Analyst Responsibilities

- Stock Selection
- 1st Stock: Inherited position from previous AIM analysts and updated intrinsic value
- 2nd Stock: Selected new security and valued by current analyst
- Equity Valuation
- Company Background
- Industry Analysis
- Fundamental Analysis
- Earnings Forecast
- Intrinsic Valuation
- Technical Analysis


## Group Responsibilities

- Economic Analysis
- Important economic indicators
- Current economic events
- Assess impact on portfolio
- Portfolio Performance Analysis
- Relative performance to benchmarks
- Sector weighting
- Risk-adjusted performance metrics
- Trade Execution
- Class Log
- Newsletter compilation
- Webmasters


## Portfolio Decision Process

- Hold/sell or buy/no buy recommendations given by analysts based on intrinsic valuations
- Full discussion of key assumptions and drivers of analyst presentations
- Final portfolio decisions decided by majority vote of all analysts
- Hedge positions recommended, discussed and voted upon by analysts


## Investment Philosophy

- Investment Objective
- Outperform our primary (S\&P 500) and secondary benchmarks (Russell 2000, Russell 1000 and the Hank Blended Index) over a long term time horizon (3-5 years)
- Risk Tolerance
- Not a factor that will be actively managed since portfolio diversification will naturally limit risk
- Asset allocation to small, mid and large capitalization stocks determines our risk tolerance


## Investment Policies

- Only equities traded on major U.S. exchanges
- No bonds, ADRs, money market or derivative instruments
- No margin purchases or short selling
- Portfolio Target Allocation
- 35\% in Small (<\$500M) and Mid-Cap (\$500M-\$5B) Stocks
- 65\% in Large Cap (>\$5B) Stocks
- +/- 10\% Boundary
- 0\% long-term target for cash holdings
- No individual position should exceed $10 \%$ of the portfolio's market value


## Ethical Policies

- AIM will not invest in any company whose values are not consistent with those of the University of Notre Dame
- This includes but is not limited to companies that are involved in:
- Abortifacients
- Birth Control
- Tobacco


## Market Capitalization

AIM XXXII
92.3 \%

- Large Cap


## AIM XXXIII



- Small \& Mid Cap


## Economic Summary

- GDP Component Breakdown
- Consumer Consumption
- Business Investment
- Net Exports
- Government Spending
- Continued Uncertainty
- U.S. Government
- Fed Policy
- Europe
- Concerns in China
- Housing
- Energy Prices

GDP Growth Projections

| Analyst | 4Q 2011 | FY 2012 |
| :--- | :---: | :---: |
| AIM XXXIII | $\mathbf{2 . 5 \%}$ | $\mathbf{2 . 0 \%}$ |
| Barclays | $2.8 \%$ | $2.0 \%$ |
| Deutsche Bank | $3.0 \%$ | $2.3 \%$ |
| Goldman Sachs | $2.0 \%$ | $1.6 \%$ |
| Morgan Stanley | $2.5 \%$ | $2.0 \%$ |
| WSJ Consensus | $2.5 \%$ | $2.3 \%$ |

- Impact of Projections on AIM XXXIII Portfolio


## GDP Component Breakdown



Real Disposable Personal Income


Personal Saving Rate


Real Personal Consumption Expenditures


- In the middle months of 2011, Real Personal Consumption increased despite decreases in Real Disposable Personal Income
- The mechanism for this asynchrony is a decrease in the personal saving rate


## Jobs and Unemployment

## Initial Jobless Claims

- The 4-week moving average for initial jobless claims has fallen over 5,000 over the last 2 weeks to 395,000
- This is the first time the 4-week moving average has been below 400,000 since April 2011



## Jobs and Unemployment

## Nonfarm Employment and Unemployment

- Continued slow growth in net nonfarm employment
- Unemployment Rate released for November was $8.6 \%$-- had been hovering around 9\% for awhile



Percent Change in Private Nonresidential Fixed Investment


Private Nonresidential Fixed Investment Breakdown


- Increased investment in nonresidential fixed assets
- Growth mainly driven from increased investment in equipment and software

ISM Manufacturing: Inventories Index



- Inventories negatively contributed to GDP in Q3
- Recent uptick in new orders index after previous contraction


## Net Exports

Growth in Imports and Exports


Net Export Contribution to GDP


- Exports continuing to increase although may be hampered by European Crisis
- U.S. to become net exporter of fuel products for first time since 1949
- Imports expected to slowly and steadily rise


## Government Spending



- Government spending expected to face pressure due to increasing debt levels
- State and local levels in particular exhibiting weakened financial profiles
- State and local expenditures declined $1.4 \%$ in Q3


## US Debt Levels



## Long-Term debt concerns hamper ability / willingness for fiscal stimulus

Democrats
Increase revenue through tax increases

## Moderates

No current proposal

## Republicans

## Will not accept

plan with tax increases

- Failure of "Super Committee" \& Impending Payroll Tax Battle
- OECD 2012 GDP prediction $2.0 \% \rightarrow 0.3 \%$

Risk of fiscal tightening pushing US economy into a recession regardless of outcome in Europe or US monetary Policy

## Inflation: CPI Index



Source: US Bureau of Labor Statistics

- Inflation drivers thus far in 2011: Japan earthquake, energy, other commodities
- Muted forward inflation expectations: depressed wages, housing, utilization


## Federal Reserve Policy

## Short-term stimulus; long-term austerity

- Quantitative Easing
- QE1 Sept. 2008: $\$ 1.725$ trillion
- QE2 Nov. 2010: \$600 billion + reinvestments of maturities
- Operation Twist Sept. 2011: $\$ 400$ billion of reinvestment
- QE3? Looking increasingly likely, focus on mortgages
- Congressional Worries
- Inflation
- Ineffectiveness due to consumer deleveraging


## Federal Reserve Policy

## US Treasury Yield Curve Over Time



- Flattening of yield curve creates difficulties for Banks, Pensions, and Insurance Companies


## Federal Reserve Policy

- Historically Expansionary Monetary Policy
- Fed Funds target rate $=0-0.25 \%$
- Discount rate $=0.75 \%$
- Likely to continue through 2013
- Discount Rate affirmed by 11-1 vote
- Likely need employment $>7 \%$ \& inflation $>3 \%$ to raise rates

Effective Federal Funds Rate


[^0]
## European Debt Crisis

Yields on Select European 10-year Bonds


- Central Banks’ offer cheaper dollar funding to European banks
- Bright spot without addressing fundamental problems
*Represents 9-year bonds
Source: Bloomberg as of 11/28/2011


## European Debt Crisis

## Debt-to-GDP Ratios of Select European Countries



Source: Bloomberg as of 12/31/2010

## Euro-zone Debate

## Separation of Euro-zone

Massive devaluation of peripheral currencies

Large losses for
banks and investors

## Strengthening of Euro-zone

Enforceable budget discipline and fiscal unity

Continued high debt burdens

## Softening in China

## China GDP Growth YoY



- Short-term concerns as China's growth slows
- China is a growing consumer of exports from the West

Source: Bloomberg as of 11/28/2011

## Housing Starts and Vacancies



## New \& Existing Home Sales

New and Existing Home Sales, Sept 2011


## Prices Continue to Fall

Case-Shiller Composite Indices SA, Year-over-year Change


## Home Prices \& Unemployment



## Oil Uncertainty

- Oil hits $\$ 100$ per barrel Tuesday 11/29/2011
- Violence in Iran
- Increased Consumer Confidence
- However, oil rally likely to ebb
- Increase in U.S. stockpiles
- Production in Libya


## Economic Outlook

- 2.5\% Growth in Q4 2011 (vs. 2.5\% WSJ consensus)
- Consumer Spending benefits from strong holiday demand
- Business Investment increases slightly to replenish inventories
- Investment in capital, not labor, as uncertainty persists
- 2.0\% Growth in FY 2012 (vs. 2.3\% WSJ consensus)
- Consumer Spending growth slows as change in income is flat to negative and high unemployment persists
- Build up of existing home inventory remains a problem
- Business Investment grows at decreasing rate
- Macroeconomic conditions too uncertain to support major improvements in employment


## Portfolio Impact



(ひ)
KeyBank UnitedHealth Group
-Consumer Discretionary industry hit hardest as consumption growth slows
-Defense exposed to government spending cuts
-Financials remain vulnerable despite attractive pricing
-Political Uncertainty results in neutral healthcare and tech outlook
-Staples outperform otherwise sluggish economy

## Security Selection Process

- Bottom-up approach to security selection
- Six reports:
- Company background - Breakdown of segments, revenue
- SWOT analysis
- Industry analysis - Overview of competitive environment
- Industry demand and cost factors
- Fundamental analysis - Business and financial risk profile
- DuPont analysis
- Earnings forecast - EPS projections through 2012
- Heuristic and financial model estimates
- Final valuation and recommendation - Intrinsic value of the stock
- Discounted cash flow, multiples method, dividend discount model
- Discovery
- Technical analysis - Short-term momentum
- Moving averages, relative strength, support/resistance levels
- 1 minute "elevator speech" then discussion of each stock while all options are laid out on spreadsheet


## Analyst Agenda

| Analyst | Stock | Focus |
| :--- | :--- | :--- |
| John Goedert | RBC Bearings | Company background |
| Katy Zemlock | Amazon | Fundamental analysis |
| Tim Keebler | Teradata | Multiples valuation |
| Kevin Slawinski | Cummins | Technical analysis |
| Patrick Robb | LabCorp | Beta Forecast, DCF valuation |
| Chris Masoud | Tesla Motors | Industry analysis, discovery |
| Anne Lenzi | Apollo Group | DCF scenarios |
| David Mahin | American Tower | Background, fundamental analysis |
| Brad Wright | Activision Blizzard | Earnings forecast |

## EBC Bearings (ROLL)



| Market Price | $\$ 39.68$ |
| :--- | :---: |
| 1-year forward P/E | $15.9 x$ |
| Market Cap | $\$ 877 M$ |
| Enterprise Value | $\$ 844 M$ |
| LTM EPS | $\$ 1.78$ |



## Company Background

- Highly specialized bearings manufacturer
- Customer-centric - participates in customers' R\&D processes by developing customized bearings for new offerings
- RBC navigates regulatory approvals and seeks patents on new bearings
- Makes competition difficult, switching costs high - locks in aftermarket sales
- Small customer base
- Ten customers make up 31\% of revenue
- Dominates small, niche markets
- Have leading market position in majority of markets in which they compete


## Largest Customers

Diversified industrials
Aerospace and defense


комni'su


AxleTech
International


Customer type by 2011 revenue

## Company SWOT



## Company Background and Fundamentals

## Management

- Michael Hartnett - Chairman, President, and CEO
- Founded company with Aurora Capital in 1991
- 65 years old - nearing retirement age

| Capital Structure (\$ in millions) |  |  |
| :--- | ---: | ---: |
| Cash | $\$$ | 49.5 |
| Total Book Debt | 1.1 |  |
| Capitalized Leases | 15.6 |  |
| Total Debt | 16.7 |  |
| Market Capitalization | 876.5 |  |
| Enterprise Value | $\$ 843.7$ |  |

Inventory Turnover, Asset Turnover, and ROA


## ROLL Recommendation - Buy

| Valuation Method | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| LBO Analysis | $30 \%$ | $\$ 46.00$ | $\$ 13.80$ |
| Free Cash Flow | $70 \%$ | 47.52 | 33.26 |
| Final Valuation |  |  | $\$ 47.06$ |
| Price as of 11/21/2011 |  |  | $\$ 38.90$ |
| Estimated Upside |  |  | $\mathbf{2 1 . 0 \%}$ |

## Investment Thesis:

As a niche bearings manufacturer, RBC Bearings has put up significant barriers to entry to any competition for its original manufacturing and after-market parts sales. While the company has recently receded in operating efficiency, it remains an attractive takeover target for large diversified industrials. RBC's operating model has significant value, which will eventually be realized by either RBC's management or another company's.

## Amazon (AMZN)

amazon

|  |  |
| :--- | :---: |
|  |  |
| Market Price | $\$ 189.25$ |
| 1-year forward P/E | 94.2 x |
| Market Cap | $\$ 85.67 \mathrm{~B}$ |
| Enterprise Value | $\$ 100.52 B$ |
| LTM EPS | $\$ 1.90$ |



## Company Background

| Market Share | Geographic Breakdown | Revenue Breakdown (2010) |
| :---: | :---: | :---: |
| $\begin{gathered} \hline \text { Amazon } \\ 12.0 \% \end{gathered}$ | $\begin{gathered} \text { International } \\ 45 \% \end{gathered}$ | Other* 3\% |
|  |  |  |

## Business Risk - Low

## Sales Volatility



EBIT Volatility
1800.0
600.0
1600.0
1400.0
1200.0
1000.0 800.0
600.0
400.0
200.0
vs. Mean = 159\%
vs. Linear $=20 \%$
-пEBIT =-Linear

## Operating Leverage


-20.00 $-30.00$ -40.00 -50.00 -60.00 $-70.00$
-80.00
Mean Operating Leverage
$=0.12$

## - Financial Risk - Low

Total Debt Capital/Total Capital
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00


| Coverage Ratios |  |
| :--- | :--- |
| 50.0 x |  |
| 40.0 x |  |
| 30.0 x |  |
| 20.0 x |  |
| 10.0 x |  |

## Return on Equity - DuPont Analysis




## Total Capital Turnover

2.50
2.00
1.00
0.50


## Return on Equity

200.0\%
150.0\%
100.0\%
50.0\%
0.0\%
-50.0\%
-100.0\%
-150.0\%
-200.0\%
-250.0\%
-300.0\%

## AMZN Recommendation - Buy

| Valuation Method | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| Free Cash Flow | $80 \%$ | $\$ 237.41$ | $\$ 189.93$ |
| Forward P/E | $20 \%$ | 197.92 | 39.58 |
| Final Valuation |  |  | $\$ 229.51$ |
| Price as of 11/21/2011 |  |  | $\$ 189.25$ |
| Estimated Upside |  |  | $\mathbf{2 1 . 3 \%}$ |

## Investment Thesis:

Amazon is favorably positioned in the E-Commerce industry, which is forecasted by IBISWorld to grow at an average annual rate of $9.4 \%$ to 2016. Additionally, the company has potential to expand further internationally, build brand loyalty through Amazon Prime, and increase sales with branded products like the Kindle Fire and associated content.

## Teradata Corporation (TDC)



Raising Intelligence

## LTM Stock Price Graph

Teradata Corporation Common Sto

- TDC


| Market Price | $\$ 50.70$ |
| :--- | :---: |
| 1-year forward P/E | 23.8 x |
| Market Cap | $\$ 8.49 B$ |
| Enterprise Value | $\$ 8.09 B$ |
| LTM EPS | $\$ 1.98$ |

## Business Overview



## The Problem...and the Solution

## The Problem

OPERATIONAL
SYSTEMS
DECISION MAKERS


Proliferation of data marts has resulted in fragmented data, higher costs, poor decisions

## The Solution



Integrated data provides data consistency, lower costs, better decisions

## Revenue Mix and Operating Segments

| Revenue Mix | 2010 | \% of <br> Total |
| :--- | ---: | ---: |
| Products (SW/HW) | $\$ 933$ | $48 \%$ |
| Consulting Services | 536 | $28 \%$ |
| Maintenance Services | $\underline{467}$ | $24 \%$ |
| $\quad$ Total Revenue | $\$ 1,936$ |  |

Maintenance and subscription revenues contribute approximately 1/3 of Teradata's total revenue.

| Operating Segments |  |  |
| :---: | :---: | :---: |
| Americas | EMEA | APJ |
| Revenue $\begin{aligned} & \operatorname{mix} \\ & 60 \% \end{aligned}$ | Revenue $\begin{gathered} \operatorname{mix} \\ 23 \% \end{gathered}$ | Revenue $\begin{gathered} \operatorname{mix} \\ 17 \% \end{gathered}$ |
| Gross | Gross | Gross |
| Margin | Margin | Margin |
| 60\% | 53\% | 47\% |

## Multiple Analysis: Forward P/E

| Qtr. | TDC Price | EPS | Implied <br> Forward P/E | Oracle's Forward P/E | \% of Oracle | $\begin{gathered} \underline{\text { S\&P }} \\ \text { Forward P/E } \end{gathered}$ | \% of S\&P |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1Q09 | \$14.99 | \$0.26 | 10.13 | 15.81 | 64.05\% | 16.70 | 60.65\% |
| 2Q09 | 16.21 | 0.36 | 9.94 | 15.38 | 64.66\% | 11.80 | 84.28\% |
| 3Q09 | 23.33 | 0.38 | 13.49 | 10.47 | 128.76\% | 9.70 | 139.03\% |
| 4Q09 | 27.53 | 0.48 | 15.21 | 9.94 | 153.00\% | 10.30 | 147.67\% |
| 1Q10 | 31.78 | 0.41 | 17.09 | 11.83 | 144.47\% | 11.60 | 147.29\% |
| 2Q10 | 29.00 | 0.46 | 15.03 | 12.16 | 123.55\% | 12.50 | 120.21\% |
| 3Q10 | 30.39 | 0.46 | \| 14.68 | 11.60 | 126.54\% | 13.30 | 110.38\% |
| 4Q10 | 39.00 | 0.53 | 117.73 | 11.88 | 149.17\% | 12.00 | 147.73\% |
| 1Q11 | 41.60 | 0.48 | I 18.01 | 10.10 | 178.32\% | 14.00 | 128.63\% |
| 2Q11 | 50.89 | 0.60 | \| 21.38 | 10.53 | 203.13\% | 16.31 | 131.10\% |
| 3Q11 | 60.25 | 0.59 | + 24.49 | 11.54 | 212.26\% | 15.75 | 155.50\% |
| 4Q11(e) | 53.24 | 0.64 | 120.64 | 13.82 | 149.36\% | 15.90 | 129.78\% |
| 1Q12(e) |  | 0.55 | ᄂ - - - |  |  |  |  |
| 2Q12(e) |  | 0.68 |  |  |  |  |  |
| 3Q12(e) |  | 0.71 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Average since 2009 |  |  | 16.48 | 12.09 | 141.44\% | 13.32 | 125.19\% |
|  |  |  |  |  |  |  |  |
| Subjective Implied Forward P/E |  |  | 20.75 |  |  |  |  |
| Next 12 Month Projected EPS |  |  | \$2.58 |  |  |  |  |
| Intrinsic Value |  |  | \$53.54 |  |  |  |  |

## Multiple Analysis: M\&A P/E

| Date | Acquirer | Brief Business Description of |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Target | Target | P/E of Deal |
| 10/8/2007 | SAP | Business Objects | Business Intelligence | 25.2 |
| 1/31/2008 | IBM | Cognos | Business Intelligence | 24.8 |
| 9/21/2009 | Dell | Perot Systems | Application Development and Systems Integration | 29.0 |
| 5/12/2010 | SAP | Sybase | Database Software | 24.9 |
| 10/3/2011 | HP | Autonomy | Information Management | 25.3 |
|  |  |  |  |  |
|  |  |  | Average P/E | 25.8 |
|  |  |  | Next 12 Month Projected EPS | \$2.58 |
|  |  |  | Intrinsic Value | \$66.67 |

Jim Parsons of Viking Capital - "it could be 2 days or 12 months..."

## TDC Recommendation - Buy

## Valuation Method Weight Value Contribution Forward P/E <br> M\&A Scenario P/E <br> Free Cash Flow <br> 30\% \$53.54 <br> \$16.06 <br> 13.33 <br> 30.04 <br> Final Valuation 59.43 <br> Price as of 11/21/2011 51.27 <br> Estimated Upside <br> 15.9\% <br> Investment Thesis: <br> Teradata's best of breed solution positions the firm as the clear market leader in an industry growing at a $12.8 \%$ CAGR through 2016 (IBISworld). CIOs are shifting IT spend towards big data analytics, providing major growth opportunities in the midmarket and abroad. Moreover, TDC is a likely target for acquisition in an industry that pays a high premium for valuable IP.

## - Cummins (CMI)



| Market Price | $\$ 91.10$ |
| :--- | :---: |
| 1-year forward P/E | 9.1 x |
| Market Cap | $\$ 17 \mathrm{~B}$ |
| Enterprise Value | $\$ 16.55 B$ |
| LTM EPS | $\$ 8.54$ |

## LTM Stock Price Graph



## Company Background

- Founded in 1919 and based in Columbus, Indiana
- Divided into Four Operating Segments:

| Segment | \% of Sales | \% of EBIT |
| :---: | :---: | :---: |
| Engines | $49 \%$ | $48 \%$ |
| Power Generation | $18 \%$ | $18 \%$ |
| Components | $19 \%$ | $16 \%$ |
| Distribution | $14 \%$ | $18 \%$ |

- International Company - Customers in 190 countries
- 36\% US Sales
- 64\% Rest of World


Lemisu

## O) <br> CMI - Moving Averages



SELL - Death Cross in July with period of heightened volume

## 0 <br> CMI - Support and Resistance



SELL - Currently at Resistance in Downward Sloping Trend Channel *Could become a BUY if it breaks through Resistance

## CMI - Relative Strength



SELL - In a Negatively Sloping Trend vs. the S\&P 500

## Technical Summary

| Moving Averages | SELL |
| :---: | :---: |
| Support and Resistance | SELL |
| Relative Strength | SELL |
| Overall Technicals | SELL |

## CMI Recommendation - Buy

| Valuation Method | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| Forward P/E | $25 \%$ | $\$ 122.16$ | $\$ 30.54$ |
| Price-to-book | $25 \%$ | 115.41 | 28.85 |
| Free Cash Flow | $50 \%$ | 172.58 | 86.29 |
| Final Valuation |  | $\$ 145.68$ |  |
| Price as of 11/21/2011 |  | $\$ 91.10$ |  |
| Estimated Upside | $\mathbf{5 9 . 9} \%$ |  |  |
|  |  |  |  |
| Investment Thesis: |  |  |  |
| Cummins stands to benefit from the secular growth trend in trucking due to improving <br> emission standards (especially in the US, Brazil \& China), and its strong management <br> team has a 4-year plan to grow sales at a 14\% CAGR and improve EBIT Margins to 18\%. |  |  |  |

## LabCorp (LH)



## Company Background

## Lines of Business

- Routine testing
- Blood, drugs of abuse testing by employers
- 60\% of revenue
- Genomic and esoteric testing
- Oncology, HIV genotyping, infectious disease, companion diagnostics
- $34.5 \%$ of revenue
- Expected to be 45\% by 2015
- Ontario, Canada
- 85.6\% owned joint venture
$-5.5 \%$ of revenue


## Revenue Breakdown

LabCorp Revenue $=$ Volume $\times$ Revenue per requisition

| Volume | 2008A | 2009A | 2010A |
| :---: | :---: | :---: | :---: |
| Routine Testing | 86.0 | 84.6 | 83.3 |
| \% change |  | $-1.6 \%$ | -1.6\% |
| Genomic and Esoteric Testing | 23.7 | 25.8 | 27.2 |
| \% change |  | 8.9\% | 5.7\% |
| Ontario, Canada | 8.0 | 9.1 | 9.1 |
| \% change |  | 12.9\% | 0.4\% |
| Total | 117.7 | 119.5 | 119.6 |
| Revenue Per Requisition | 2008A | 2009A | 2010A |
| Routine Testing | \$32.30 | \$33.62 | \$35.96 |
| \% change |  | 4.1\% | 7.0\% |
| Genomic and Esoteric Testing | \$62.49 | \$62.14 | \$63.48 |
| \% change |  | -0.6\% | 2.2\% |
| Ontario, Canada | \$30.92 | \$27.24 | \$30.68 |
| \% change |  | -11.9\% | 12.6\% |
| Average | \$41.90 | \$41.00 | \$43.37 |

## Acquisitions

Expands genomic testing menu


Genetics
\$925 million
December 2010
Reproductive and oncology testing

## Orchid Cellmark

DNA testing trusted worldwide.
$\$ 85$ million
April 2011
Forensic DNA and
paternity testing

## Diversifies types of testing offered

## blosclences <br> monogram

\$160 million
August 2009
Develops companion
diagnostics

CLEARSTONE
CENTRAL LABORATORIES
\$300 million
June 2011
Conducts clinical trials
worldwide

## Beta and WACC Calculation

|  | Monthly | Weekly | Daily |
| :--- | :---: | :---: | :---: |
| Beta | 0.64 | 0.69 | 0.61 |
| t-stat | 4.31 | 6.95 | 26.7 |
| Adjusted R- <br> squared | $32.8 \%$ | $47.0 \%$ | $32.6 \%$ |


| Summary of beta estimates | Beta | Weight |
| :--- | :---: | :---: |
| Regression beta (5-year daily) | 0.61 | $50 \%$ |
| Adjusted beta (mean reversion) | 0.73 | $25 \%$ |
| Value Line | 0.65 | $10 \%$ |
| Yahoo! Finance | 0.54 | $10 \%$ |
| Bloomberg | 0.61 | $5 \%$ |
| Final beta estimate | $\mathbf{0 . 6 4}$ | $\mathbf{1 0 0 \%}$ |

## WACC Calculation

| Equity risk premium | $\begin{gathered} 5.0 \% \\ \hline \end{gathered}$ |  |
| :---: | :---: | :---: |
| Risk free rate | 2.0\% |  |
| Beta | 0.64 |  |
| Credit rating | BBB+ | Source: Bloomberg |
| Cost of debt | 3.89\% | Assume 10-year debt |
| Cost of equity | 5.20\% | CAPM calculation |
| Tax rate | 40.5\% | Source: Historical average |
| Equity weight | 79.9\% | Source: Company financials |
| Debt weight | 20.1\% | Source: Company financials |
| WACC | 4.62\% |  |
| Adjusted WACC | ¢ 8.5 |  |

## DCF Assumptions

- Revenue growth
- 2012-13: Win market share from Quest Diagnostics (main competitor), increased volume of genomic and esoteric tests
- 2014: Healthcare coverage expansion
- Margin expansion
- Higher percentage of genomic/esoteric tests
- Continue share repurchases and acquisitions

Figure 23: LabCorp Historical Uses of Cash, 2006-2010
\$ in billions


## Discounted Cash Flow Valuation

| Discounted cash flows (\$mm) |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2010A | 2011E | 2012E | 2013E | 2014E | 2015E | 2016E | Terminal |
| Revenue | \$5,003.9 | \$5,576.2 | \$5,855.0 | \$6,001.4 | \$6,361.5 | \$6,488.7 | \$6,553.6 | \$6,586.4 |
| \% growth | 6.6\% | 11.4\% | 50\% | 2.5\% | 60\% | 2.0\% | 1.0\% | 0.5\% |
| EBIT | 1,088.0 | 1,172.0 | 1,276.6 | 1,338.3 | 1,463.1 | 1,524.8 | 1,572.9 | 1,580.7 |
| EBIT margin | 21.7\% | 21.0\% | 21.8\% | 222\% | 23.0\% | 23.5\% | 24.0\% | 24.0\% |
| EBITDA | 1,291.6 | 1,402.5 | 1,509.4 | 1,562.3 | 1,687.1 | 1,755.6 | 1,810.5 | 1,818.4 |
| Free cash flows | 1,043.8 | 1,124.5 | 1,206.2 | 1,247.8 | 1,343.4 | 1,393.8 | 1,416.9 | 1,376.1 |


| PV of Free Cash Flows |  |  |
| :---: | :---: | :---: |
|  | $6.5 \%$ | $\$ 20,684.5$ |
|  | $7.5 \%$ | $\$ 17,570.4$ |
|  | $8.5 \%$ | $\$ 15,245.7$ |
| 3 | $9.5 \%$ | $\$ 13,446.3$ |
|  | $10.5 \%$ | $\$ 12,013.9$ |


| Enterprise value | $\$ 1 \overline{5,246}$ |
| :---: | :---: |
| Net debt | \$2,742 |
| Equity value | \$12,504 |
| Equity value / share | \$121.63 |
| Current price | \$79.30 |

## LH Recommendation - Buy

| Valuation Method | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| Forward Price-to-Earnings | $25 \%$ | $\$ 94.36$ | $\$ 23.59$ |
| Forward Price-to-Sales | $10 \%$ | 74.22 | 7.42 |
| Forward Price-to-Book | $15 \%$ | 72.88 | 10.93 |
| Free Cash Flow | $50 \%$ | 121.63 | 60.82 |
| Final Valuation |  | $\$ 102.76$ |  |
| Price as of 11/21/2011 |  | $\$ 79.30$ |  |
| Estimated Upside |  | $\mathbf{2 9 . 6 \%}$ |  |
| $\quad$ Investment Thesis: |  |  |  |
| While key growth indicators, including overall healthcare utilization, remain weak, |  |  |  |
| LabCorp is well-positioned as an industry leader in the high-growth genomic and |  |  |  |
| esoteric testing segment. The company maintains superior volume and margin trends to |  |  |  |
| Quest and has greater financial flexibility to pursue acquisitions or share repurchases. |  |  |  |

## + Tesla Motors (TSLA)



| Market Price | $\$ 32.56$ |
| :--- | :---: |
| 1-year forward P/E | N/A |
| Market Cap | $\$ 3.31 B$ |

Enterprise Value \$3.26B
LTM EPS
(\$2.29)

## Company Overview

- Designs, develops, manufactures and sells high-performance, fully electric vehicles and advanced electric vehicle (EV) powertrain components
- Leadership in technology - 40 patents awarded, 200 pending


## Select Financials

|  | 2008 | 2009 | 2010 | 2011 |
| :---: | :---: | :---: | :---: | :---: |
| Sales | \$14.7 | \$111.9 | \$116.7 | \$164.9 |
| R\&D | 53.7 | 19.3 | 93.0 | 147.8 |
| \% of sales | 364.4\% | 17.2\% | 79.7\% | 89.6\% |
| Net Loss | (\$82.8) | (\$55.7) | (\$154.3) | (\$172.9) |

Battery pack cost (\$/kWh)


## Electric Vehicle Industry

- Industry demand driven by
- More stringent fuel efficiency and emission standards
- Advancements in technology
- Government subsidies (\$7,500 per vehicle)
- Industry costs driven by
- Battery cells (\$1,000 kW/h)
- EV charging infrastructure
- Volatility in commodity prices

| Vehicles | EV planned production targets |  |  |
| :---: | :---: | :---: | :---: |
| 900,000 |  |  |  |
| $600,000$ |  |  | 201,000 |
|  |  |  |  |
| 450,000 |  | 181,000 |  |
| 300,000 |  | 181,000 | 638,000 |
| 150,000 | $\begin{gathered} \text { 42,000 } \\ \hline 81,900 \\ \hline \end{gathered}$ | 286,000 |  |
|  | 2011(e) | 2012(e) | 2013(e) |
|  | $\square$ Battery | - Plug-in | ectric |



Time
Electric charging stations in the U.S.


* 420 located in California


## Discovery

November 4, 2011

- Nate Bard (AIM XIX) - Vice President
- 6,500 reservations will be met
- Tesla crash-testing performed in-house in Fremont facility: less crash-test safety procedures, less frequency
- Model Implications: Strong growth tempered by recall risk
... November 17, 2011

- National Highway Traffic Safety Administration (NHTSA) simulates crash test on Chevy Volt
- Fires in two out of three tests
- 11/25/2011 - Auto regulators open formal investigation into lithium-ion batteries
- Recall risk increased in electric vehicle industry


## TSLA Recommendation - No Buy

| Valuation Method | Weight | Value | Contribution |
| :--- | ---: | ---: | ---: |
| Free Cash Flow | $100 \%$ | $\$ 32.41$ | $\$ 32.41$ |
| Forward Price-to-Sales (auto comps) | $0 \%$ | 1.48 | 0.00 |
| Forward Price-to-Book (auto comps) | $0 \%$ | 2.28 | 0.00 |
| Forward Price-to-Sales (high-growth comps) | $0 \%$ | 22.10 | 0.00 |
| Forward Price-to-Book (high-growth comps) | $0 \%$ | 12.06 | 0.00 |
| Final Valuation |  | $\$ 32.41$ |  |
| Price as of 11/21/2011 |  | $\$ 31.76$ |  |
| Estimated Upside |  | $\mathbf{2 . 0 \%}$ |  |
| Investment Thesis: |  |  |  |

## Apollo Group (APOL)



APOLLO GROUP: INC.

## LTM Stock Price Graph

Apollo Group, Inc.


## Company Overview

- Largest for-profit post-secondary education provider
- $11.5 \%$ market share
- Focused on "non-traditional" students
- Combination of online and on-campus degree programs

2011A Revenue Breakout


- ~85\% of revenue from Title IV federal scholarships
- Potential impact of "gainful employment" legislation down the road


## DCF Scenarios: Growth

- No extraordinary regulatory issues
- Low growth from University of Phoenix offset by high growth in Apollo Global
- Margins flat as company focuses more on quality and retention over enrollment growth

|  | 2010A | 2011A | 2012E | 2013E | 2014E | 2015E | 2016E | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Growth | 24.6\% | (3.9\%) | 10.0\% | 10.0\% | 8.0\% | 8.0\% | 6.0\% | 6.0\% |
| Cost of Sales | 35.2\% | 37.5\% | 38.0\% | 39.0\% | 40.0\% | 40.0\% | 40.0\% | 40.0\% |
| SG\&A | 44.3\% | 42.2\% | 41.0\% | 40.0\% | 38.0\% | 38.0\% | 38.0\% | 38.0\% |

Intrinsic Value $=\$ 102.30$ per share

## DCF Scenarios: Disruptive

- "Gainful employment" legislation hits in 2013
- As per stress-test guidance, 30\% of University of Phoenix's revenues are cut instantaneously
- Used 35\% to account for potential reputational risks
- 35\% chance of this scenario happening
- Margins similar to growth scenario but with more SG\&A

|  | 2010A | 2011A | 2012E | 2013E | 2014E | 2015E | 2016E | 2017E |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue Growth | 24.6\% | (3.9\%) | 10.0\% | [(35.0\%) | (20.0\%) | (10.0\%) | 10.0\% | 5.0\% |
| Cost of Sales | 35.2\% | 37.5\% | 38.0\% | 39.0\% | 40.0\% | 40.0\% | 40.0\% | 40.0\% |
| SG\&A | 44.3\% | 42.2\% | 41.0\% | 42.0\% | 42.0\% | 40.0\% | 40.0\% | 38.0\% |

Intrinsic Value $=\$ 46.90$ per share

## APOL Recommendation - Buy

| Valuation Me thod | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| DCF: Growth Scenario | $30 \%$ | $\$ 102.30$ | $\$ 30.69$ |
| DCF: Disruptive Scenario | $35 \%$ | 46.90 | 16.42 |
| Forward P/E | $10 \%$ | 40.04 | 4.00 |
| Forward price-to-sales | $25 \%$ | 41.92 | 10.48 |
| Final Valuation |  | $\$ 61.59$ |  |
| Price as of 11/21/2011 |  | $\$ 44.82$ |  |
| Estimated Upside | $\mathbf{3 7 . 4 \%}$ |  |  |
| Investment Thesis: |  |  |  |
| The downside risk from upcoming legislation is priced into the stock. Apollo is |  |  |  |
| positioned to do well in a growing economy or a downturn as its growing exposure to |  |  |  |
| emerging markets and corporate clients leads to stable and high long-term growth, |  |  |  |
| even if the industry as a whole is unstable. |  |  |  |

## American Tower (AMT)



AMERICAN TOWER ${ }^{\circ}$

| Market Price | $\$ 55.90$ |
| :--- | :---: |
| 1-year forward P/E | $41.9 x$ |
| Market Cap | $\$ 22.7$ B |
| Enterprise Value | $\$ 27.9 \mathbf{B}$ |
| LTM EPS | $\$ 0.69$ |

## LTM Stock Price Graph

American Tower Corporation Comm



## Company Background

American Tower Revenue Source (2008-2010)



- American Tower leases antenna space on 38,000 multi-tenant communications towers to wireless service providers such as Verizon and Sprint, both domestically and internationally


## Company Background

Domestic Efficiency
Domestic Tower Revenue Source


## International Expansion

International Tower Revenue Source


- Of the 16,000 towers built or acquired since 2008 , over $90 \%$ are located abroad - These towers are concentrated in India, Mexico, Brazil, Colombia, and Ghana


## Fundamental Analysis

## Business Risk

- LOW business risk due to extremely steady demand and growth
- 5\% Sales Volatility
- 8\% EBIT Volatility

Financial Risk

- HIGH financial risk due to capital needed to fund expansion
- Each new tower, whether built or bought, costs approximately \$280,000

| Financial Risk |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\underline{\mathbf{2 0 0 8}}$ | $\underline{\mathbf{2 0 0 9}}$ | $\underline{\mathbf{2 0 1 0}}$ | $\underline{\mathbf{2 0 1 1}(\mathbf{E})}$ | $\underline{\mathbf{2 0 1 2}(\mathbf{E})}$ | $\underline{\mathbf{2 0 1 3}(\mathbf{E})}$ |
| Interest Coverage Ratio | 1.37 | 1.22 | 1.14 | 1.14 | 1.09 | 1.04 |
| Cash Flow/Total Debt | $10 \%$ | $11 \%$ | $13 \%$ | $13 \%$ | $12 \%$ | $12 \%$ |
| Total Debt (in millions) | $\$ 4,483$ | $\$ 4,326$ | $\$ 5,805$ | $\$ 6,017$ | $\$ 6,153$ | $\$ 6,274$ |
| Total Sales (in millions) | $\$ 1,594$ | $\$ 1,724$ | $\$ 1,985$ | $\$ 2,382$ | $\$ 2,823$ | $\$ 3,317$ |

## AMT Recommendation - Sell

| Valuation Method | Weight | Value | Contribution |
| :--- | :---: | ---: | ---: |
| Forward Price-to-Earings | $10 \%$ | $\$ 56.64$ | $\$ 5.66$ |
| Forward Price-to-Sales | $10 \%$ | 58.86 | 5.89 |
| Dividend Discount Model | $10 \%$ | 64.19 | 6.42 |
| Free Cash Flow | $70 \%$ | 57.43 | 40.20 |
| Final Valuation |  |  | $\$ 58.17$ |
| Price as of 11/21/2011 |  |  | $\$ 55.90$ |
| Estimated Upside |  |  | $\mathbf{4 . 1 \%}$ |

Investment Thesis:Although American Tower is best-in-class, the company has a very high debt level.Because of this debt, even if it maintains year-over-year sales growth of nearly 19\%,it has only limited upside.

## Activision Blizzard (ATVI)



| Market Price | $\$ 11.88$ |
| :--- | :---: |
| 1-year forward P/E | 12.5 x |
| Market Cap | $\$ 13.5 \mathrm{~B}$ |
| Enterprise Value | $\$ 14.0 \mathrm{~B}$ |
| LTM EPS | $\$ 0.65$ |

## LTM Stock Price Graph

## Activision Blizzard, Inc

 - ATVI

## ATVI Company Background

- Video game producer and publisher on PC's, game consoles, mobile devices
- Several revenue models
- Specialty: high budget games and established brands
- In 2010, 62\% of revenue came from Call of Duty and World of Warcraft



## Revenue Assumptions for EPS Forecast

|  | 2010 | 2011 E | 2012 E | 2013 E |
| :--- | ---: | ---: | ---: | ---: |
| Sales (in Millions) | $\$ 4,447$ | $\$ 5,070$ | $\$ 5,678$ | $\$ 4,826$ |
| \% Growth | $0.2 \%$ | $14.0 \%$ | $12.0 \%$ | $(15.2 \%)$ |

- Important because of high operational leverage
- Revenue originally on track to increase $11 \%$ in 2011
- Further increased this growth because of Modern Warfare 3's early success
- Decline in 2013 due to increased competition for Call of Duty and World of Warcraft


## EPS Forecast



Annual ATVI Earnings per Basic Share


## ATVI Recommendation - Sell

Valuation Method Weight Value Contribution
Forward Price to Earnings ..... 20\%
\$12.55 ..... \$2.51
Free Cash Flow 80\% 12.16 ..... 9.73
Final Valuation\$12.24
Price of 11/21/2011 ..... \$11.88
Estimated Upside3.0\%

## Investment Thesis:

Despite projected negative revenue growth in 2013 and 2014 due to increased competition, the stock is slightly undervalued. The stock is quite risky because of the fad nature of the products and heavy reliance on just two games. The stock is technically a "Buy" but the analyst group identified other superior opportunities.

## Portfolio Performance Agenda

- Historical Returns
- Performance Measures
- Attribution Analysis
- Top \& Bottom 5 Performers
- Portfolio Transactions
- Final Portfolio Discussion


## Returns Comparison



* For the period ended 10/31/11


## - Benchmarks

AIM Portfolio Returns vs. Benchmark Returns (Annualized)


## Sector Allocations (as of 10/31/11)

AIM Sector Weigths vs. Benchmarks


## Sharpe Ratio

- Used to determine whether returns generated by management decisions or additional risk
- Measured by excess portfolio returns $\left(\mathrm{R}_{\mathrm{p}}-\mathrm{r}_{\mathrm{f}}\right)$ per unit of risk ( $\sigma_{p}$ )
- Greater management efficacy with higher ratio
- Formula:

| Portfolio Return - Risk Free Rate |
| :---: |
| Portfolio Standard Deviation |

## Sharpe Ratio (as of 10/31/2011)



## Jensen’s Alpha

- Compares returns adjusted for systematic risk
- Measures the excess portfolio return over that predicted by the Capital Asset Pricing Model
- Higher (positive) values indicative of better management
- Formula:

Portfolio Return - (Risk Free Rate $+\beta \times$ Market Risk Premium)

## + <br> Jensen's Alpha (as of 10/31/2011)




## (+) Attribution Analysis



## (1) <br> Attribution Analysis

5 Year Annualized Attribution


## (t) <br> Attribution Analysis



## Attribution Analysis

Consumer Discr. Weight and Return


Consumer Discr. Performance Attribution


## (1) <br> Attribution Analysis



## Attribution Analysis



## Top 5 Stocks - LTM Return



## Bottom 5 Stocks - LTM Return



## Portfolio Turnover

## Buy

- Amazon (AMZN)
- Caterpillar (CAT)
- Cummins Inc. (CMI)
- Dick's Sporting Goods (DKS)
- eBay Inc. (EBAY)
- Halliburton Co. (HAL)
- KeyCorp (KEY)
- Laboratory Corporation of America (LH)
- RBC Bearings Inc. (ROLL)
- Teradata Corp. (TDC)


## Sell

- Activision Blizzard Inc. (ATVI)
- American Tower Corp. (AMT)
- Archer-Daniels-Midland Co. (ADM)
- Deere and Co. (DE)
- Fedex Corp. (FDX)
- Hasbro Inc. (HAS)
- Intel Corp. (INTC)
- Starbucks Corp. (SBUX)
- Tessera Technologies Inc. (TSRA)


## Hold

- Alliant Techsystems Inc. - Newmont Mining (ATK)
- Apple Inc. (AAPL) Corp. (NEM)
- Chevron Corp. (CVX)
- Coca-Cola Co. (KO)
- Continental Resources Inc. (CLR)
- Discover Financial Services Inc. (DFS)
- Dollar Tree Inc. (DLTR)
- Ecolab Inc. (ECL)
- Gilead Sciences Inc. (GILD)
- Google Inc. (GOOG)

| Company | Ticker | Decision Day Price | Intrinsic Value | Upside / (Downside) |
| :--- | :---: | :---: | :---: | :---: |
| Amazon | AMZN | $\$ 189.25$ | $\$ 229.51$ | $21 \%$ |
| Caterpillar | CAT | $\$ 89.63$ | $\$ 112.00$ | $25 \%$ |
| Cummins Inc. | CMI | $\$ 91.10$ | $\$ 145.68$ | $60 \%$ |
| Dick's Sporting Goods | DKS | $\$ 39.74$ | $\$ 44.31$ | $12 \%$ |
| eBay Inc. | EBAY | $\$ 28.90$ | $\$ 35.90$ | $24 \%$ |
| Halliburton Co. | HAL | $\$ 33.86$ | $\$ 53.17$ | $57 \%$ |
| KeyCorp | KEY | $\$ 6.77$ | $\$ 10.68$ | $58 \%$ |
| Laboratory Corporation of America | LH | $\$ 79.30$ | $\$ 102.76$ | $30 \%$ |
| RBC Bearings Inc. | ROLL | $\$ 38.90$ | $\$ 47.06$ | $21 \%$ |
| Teradata Corp. | TDC | $\$ 51.27$ | $\$ 59.48$ |  |


| Company | Ticker | Decision Day Price | Intrinsic Value | Upside / (Downside) |
| :--- | :---: | :---: | :---: | :---: |
| Activision Blizzard Inc. | ATVI | $\$ 11.88$ | $\$ 12.24$ | $3 \%$ |
| American Tower Corp. | AMT | $\$ 55.90$ | $\$ 58.17$ | $4 \%$ |
| Archer-Daniels-Midland Co. | ADM | $\$ 28.69$ | $\$ 31.59$ | $10 \%$ |
| Deere and Co. | DE | $\$ 70.88$ | $\$ 70.00$ | $(1 \%)$ |
| Fedex Corp. | FDX | $\$ 78.74$ | $\$ 85.75$ | $9 \%$ |
| Hasbro Inc. | HAS | $\$ 36.29$ | $\$ 44.40$ | $22 \%$ |
| Intel Corp. | INTC | $\$ 23.28$ | $\$ 21.00$ | $(10 \%)$ |
| Starbucks Corp. | SBUX | $\$ 41.88$ | $\$ 40.97$ | $(2 \%)$ |
| Tessera Technologies Inc. | TSRA | $\$ 17.60$ | $\$ 18.00$ | $2 \%$ |

## Final Portfolio as of 11/21/11

| Company | Ticker | \# Shares | Price | Total Value | \% of <br> Portfolio |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Alliant Techsystems Inc | ATK | 3,400 | $\$ 57.46$ | $\$ 195,364$ | $3.5 \%$ |
| Amazon | AMZN | 1,050 | $\$ 189.25$ | $\$ 198,713$ | $3.6 \%$ |
| Apple Inc | AAPL | 750 | $\$ 369.01$ | $\$ 276,758$ | $5.0 \%$ |
| Caterpillar | CAT | 2,500 | $\$ 91.12$ | $\$ 227,800$ | $4.1 \%$ |
| Chevron Corp | CVX | 2,250 | $\$ 95.66$ | $\$ 215,235$ | $3.9 \%$ |
| Coca-Cola Co | KO | 3,100 | $\$ 65.95$ | $\$ 204,445$ | $3.7 \%$ |
| Continental Resources Inc | CLR | 3,200 | $\$ 65.91$ | $\$ 210,912$ | $3.8 \%$ |
| Cummins Inc | CMI | 2,400 | $\$ 91.10$ | $\$ 218,640$ | $3.9 \%$ |
| Dicks Sporting Goods Inc | DKS | 4,900 | $\$ 39.79$ | $\$ 194,971$ | $3.5 \%$ |
| Discover Financial Services | DFS | 8,600 | $\$ 22.86$ | $\$ 196,596$ | $3.5 \%$ |
| Dollar Tree Inc | DLTR | 2,500 | $\$ 75.69$ | $\$ 189,225$ | $3.4 \%$ |
| eBay Inc | EBAY | 6,800 | $\$ 28.75$ | $\$ 195,500$ | $3.5 \%$ |
| Ecolab Inc | ECL | 4,000 | $\$ 53.11$ | $\$ 212,440$ | $3.8 \%$ |
| Gilead Sciences Inc | GILD | 5,500 | $\$ 36.26$ | $\$ 199,430$ | $3.6 \%$ |

## Final Portfolio (cont’d)

| Company | Ticker | \# Shares | Price | Total Value\% of <br> Portfolio |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Google Inc | GOOG | 340 | $\$ 580.94$ | $\$ 197,520$ | $3.6 \%$ |
| Halliburton Co | HAL | 5,500 | $\$ 34.86$ | $\$ 191,730$ | $3.5 \%$ |
| KeyCorp | KEY | 28,000 | $\$ 6.85$ | $\$ 191,800$ | $3.5 \%$ |
| Laboratory Corp. of America | LH | 2,500 | $\$ 79.30$ | $\$ 198,250$ | $3.6 \%$ |
| Newmont Mining Corp | NEM | 3,200 | $\$ 65.29$ | $\$ 208,928$ | $3.8 \%$ |
| Perrigo Co | PRGO | 2,200 | $\$ 89.96$ | $\$ 197,912$ | $3.6 \%$ |
| Potash Corp Of Saskatchewan | POT | 5,000 | $\$ 42.40$ | $\$ 212,000$ | $3.8 \%$ |
| Qualcomm Inc | QCOM | 4,100 | $\$ 54.27$ | $\$ 222,507$ | $4.0 \%$ |
| RBC Bearings Inc | ROLL | 4,800 | $\$ 38.90$ | $\$ 186,720$ | $3.4 \%$ |
| Sonic Corp | SONC | 28,000 | $\$ 6.98$ | $\$ 195,440$ | $3.5 \%$ |
| Starwood Hotels and Resorts | HOT | 4,000 | $\$ 47.63$ | $\$ 190,520$ | $3.4 \%$ |
| Teradata Corp | TDC | 4,000 | $\$ 51.27$ | $\$ 205,080$ | $3.7 \%$ |
| United Health Group | UNH | 4,800 | $\$ 44.44$ | $\$ 213,312$ | $3.8 \%$ |

## Final Portfolio

| Stock | Ticker | Weight |  | Market Value | Stock | Ticker | Weight | Market Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amazon | AMZN |  | 3.6\% | \$198,713 | Alliant Tech | ATK | 3.5\% | \$195,364 |
| Dick's Sporting Goods | DKS |  | 3.5\% | \$194,971 | Caterpillar | CAT | 4.1\% | \$227,800 |
| Dollar Tree | DLTR |  | 3.4\% | \$189,225 | Cummins | CMI | 3.9\% | \$218,640 |
| Sonic Corp | SONC |  | 3.5\% | \$195,440 | RBC Bearings | ROLL | 3.4\% | \$186,720 |
| Starwood Hotels | HOT |  | 3.4\% | \$190,520 | Industrials |  | 14.9\% | \$828,524 |
| Consumer Discretionary |  |  | 17.4\% | \$968,869 |  | (AIM XXXII 10.2\%) |  |  |
|  | (AIM XXXII 19.2\%) |  |  |  |  |  |  |  |
|  |  |  |  |  | EcoLab | ECL | 3.8\% | \$212,440 |
| Coca-Cola | KO |  | 3.7\% | \$204,445 | Newmont Mining | NEM | 3.8\% | \$208,928 |
| Consumer Staples |  |  | 3.7\% | \$204,445 | Potash Corp | POT | 3.8\% | \$212,000 |
|  | CVX | (AIM XXXII | 7.3\%) |  | Materials |  | 11.4\% | \$633,368 |
|  |  |  |  |  |  |  | (AIM XXXII 10.9\%) |  |
| Chevron |  |  | 3.9\% | \$215,235 |  |  |  |  |
| Continental Resources | CLR |  | 3.8\% | \$210,912 | Apple | AAPL | 5.0\% | \$276,758 |
| Halliburton | HAL |  | 3.4\% | \$191,730 | eBay | EBAY | 3.5\% | \$195,500 |
| Energy | DFS |  | 11.1\% | \$617,877 | Google | GOOG | 3.5\% | \$197,520 |
|  |  | (AIM XXXII | 8.4\%) |  | Qualcomm | QCOM | 4.0\% | \$222,507 |
|  |  |  |  |  | Teradata Corp | TDC | 3.7\% | \$205,080 |
| Discover |  |  | 3.5\% | \$196,596 | Technology |  | 19.7\% | \$1,097,364 |
| KeyCorp | KEY |  | 3.4\% | \$191,800 |  |  | (AIM XXXII 27.0\%) |  |
| Financials |  |  | 7.0\% | \$388,396 |  |  |  |  |
|  | GILD | (AIM XXXII | 3.5\%) |  | Cash and Hedge |  |  | \$20,410 |
|  |  |  |  |  | Total |  |  | \$5,568,157 |
| Gilead Sciences |  |  | 3.6\% | \$199,430 |  |  |  |  |
| LabCorp | LH |  | 3.6\% | \$198,250 |  |  |  |  |
| Perrigo | PRGO |  | 3.6\% | \$197,912 |  |  |  |  |
| United Health Group | UNH |  | 3.8\% | \$213,312 |  |  |  |  |
| Healthcare |  |  | 14.5\% | \$808,904 |  |  |  |  |
|  |  | (AIM XXXII 1 | 12.5\%) |  |  |  |  |  |

## General Information

- Chicago Trip
- New York City Trip
- In Class Speakers
- Newsletter
- AIM Website


## Chicago Trip

- CME
- Met with David Lerman, Director of Equity Products
- Received a tour of the trading floor
- Madison Dearborn Partners
- Met with Patrick Eilers, Managing Director (ND Alum ‘89)
- Went through an example of an LBO in the wind energy space
- UBS
- Met with John Leonard, Global Head of Equities, and Laura Lawson, Asset Allocation Strategist
- Had an asset allocation presentation and discussed our stocks with Mr. Leonard
- Equity International
- Met with Ira Chaplik, Chief Operating Officer, and Chris Fiegen, Chief Portfolio Officer
- Learned about emerging market private equity real estate investing and met Sam Zell


## NYC Trip- Business Meetings

- S-Squared Technology
- Hosted by Sy Goldblatt \& Kenneth Goldblatt
- Topic: Technology equity hedge fund strategy
- D.E. Shaw
- Hosted by Chris Zaback (ND Alum '90)
- Topic: Global Asset Management and D.E. Shaw’s unique approach
- The Blackstone Group
- Hosted by Sean Klimczak (ND Alum '98)
- Topic: Private Equity
- BlackRock
- Hosted by Jim Keenan (ND Alum '98)
- Topic: Current financial markets
- Tegean Capital Management
- Hosted by Tom Maheras (ND Alum '84)
- Topic: Value-based hedge fund strategy


## NYC Trip- Social Events

- Dinner \& Reception at Hilton New York
- Attended by over 50 AIM alumni in the NY area
- Discussed careers and AIM experiences
- Mass at St. Patrick’s Cathedral
- Class Dinner at Smith \& Wollensky



## In Class Speakers

- Scott Malpass (ND Alum ‘84)
- Discussed endowment investing and the strategies of the Notre Dame Endowment
- Rick Hans, Vice President of Investor Relations and Finance, Walgreens Co. (ND Alum '87)
- Received analyst presentation and discussed Walgreen's battle with Express Scripts
- Jim Parsons, Portfolio Manager, Viking Global Investors (ND Alum ‘92)
- Discussed careers in the hedge fund industry and Mr. Parson's views on technology stocks


## Newsletter

- Objective
- Alumni News
- Portfolio Performance
- Economic Outlook


## aim.nd.edu

## AIMQUARTERLY



Economic Outlook: An AIM Perspective

Employment
The US. Bureau of Labor Statistics reported the unemployment rate held at $9.1 \%$ for the month of August. The nonfarm payroll employment remained at 131.1 million with most private sector industries exhibiting little million with most private sector industries exhibiting little
or no change. Health care was the biggest contributor of jobs for the month, having added 30,000 jobs in August.

The Information industry saw the biggest decline losing 48,000 employees in August, driven mostly by a large strike of Verizon workers.
Government employment continues to trend down over Government employment continues to trend down over
the month, shedding over 17,000 jobs in August. Local

## AIM Website

- Analysts
- Portfolio Performance
- Publications
- Alumni
- Career Opportunities
- Upcoming Events
- Social Networking
- Facebook
- LinkedIn
- Irish Online



## Thank You

- We would like to extend a special thank you to:
- Professors Langley, Reilly and Trubac for their guidance and knowledge
- Scott Malpass, the Notre Dame Investment Office and the AIM Advisory Board for the opportunity to participate in such a unique and valuable course
- Rachel Karnafel for administrative support
- Post - Presentation Agenda
- Food \& refreshments
- Questions from the AIM analysts for the advisory board


## Final Portfolio

| Stock | Ticker | Weight |  | Market Value | Stock | Ticker | Weight | Market Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Amazon | AMZN |  | 3.6\% | \$198,713 | Alliant Tech | ATK | 3.5\% | \$195,364 |
| Dick's Sporting Goods | DKS |  | 3.5\% | \$194,971 | Caterpillar | CAT | 4.1\% | \$227,800 |
| Dollar Tree | DLTR |  | 3.4\% | \$189,225 | Cummins | CMI | 3.9\% | \$218,640 |
| Sonic Corp | SONC |  | 3.5\% | \$195,440 | RBC Bearings | ROLL | 3.4\% | \$186,720 |
| Starwood Hotels | HOT |  | 3.4\% | \$190,520 | Industrials |  | 14.9\% | \$828,524 |
| Consumer Discretionary |  |  | 17.4\% | \$968,869 |  | (AIM XXXII 10.2\%) |  |  |
|  | (AIM XXXII 19.2\%) |  |  |  |  |  |  |  |
|  |  |  |  |  | EcoLab | ECL | 3.8\% | \$212,440 |
| Coca-Cola | KO |  | 3.7\% | \$204,445 | Newmont Mining | NEM | 3.8\% | \$208,928 |
| Consumer Staples |  |  | 3.7\% | \$204,445 | Potash Corp | POT | 3.8\% | \$212,000 |
|  | CVX | (AIM XXXII | 7.3\%) |  | Materials |  | 11.4\% | \$633,368 |
|  |  |  |  |  |  |  | (AIM XXXII 10.9\%) |  |
| Chevron |  |  | 3.9\% | \$215,235 |  |  |  |  |
| Continental Resources | CLR |  | 3.8\% | \$210,912 | Apple | AAPL | 5.0\% | \$276,758 |
| Halliburton | HAL |  | 3.4\% | \$191,730 | eBay | EBAY | 3.5\% | \$195,500 |
| Energy | DFS |  | 11.1\% | \$617,877 | Google | GOOG | 3.5\% | \$197,520 |
|  |  | (AIM XXXII | 8.4\%) |  | Qualcomm | QCOM | 4.0\% | \$222,507 |
|  |  |  |  |  | Teradata Corp | TDC | 3.7\% | \$205,080 |
| Discover |  |  | 3.5\% | \$196,596 | Technology |  | 19.7\% | \$1,097,364 |
| KeyCorp | KEY |  | 3.4\% | \$191,800 |  |  | (AIM XXXII 27.0\%) |  |
| Financials |  |  | 7.0\% | \$388,396 |  |  |  |  |
|  | GILD | (AIM XXXII | 3.5\%) |  | Cash and Hedge |  |  | \$20,410 |
|  |  |  |  |  | Total |  |  | \$5,568,157 |
| Gilead Sciences |  |  | 3.6\% | \$199,430 |  |  |  |  |
| LabCorp | LH |  | 3.6\% | \$198,250 |  |  |  |  |
| Perrigo | PRGO |  | 3.6\% | \$197,912 |  |  |  |  |
| United Health Group | UNH |  | 3.8\% | \$213,312 |  |  |  |  |
| Healthcare |  |  | 14.5\% | \$808,904 |  |  |  |  |
|  |  | (AIM XXXII 1 | 12.5\%) |  |  |  |  |  |


[^0]:    Source: St. Louis Fed Reserve

