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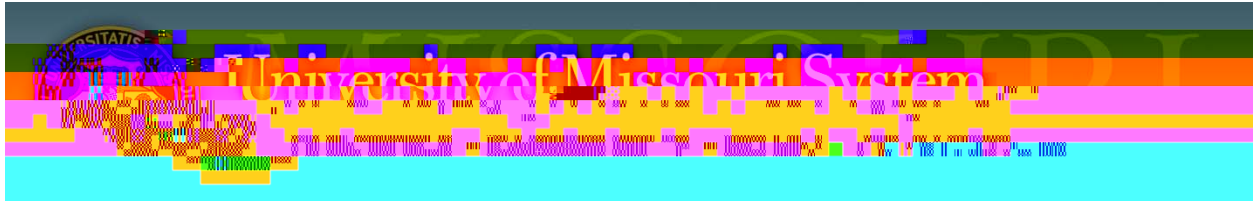
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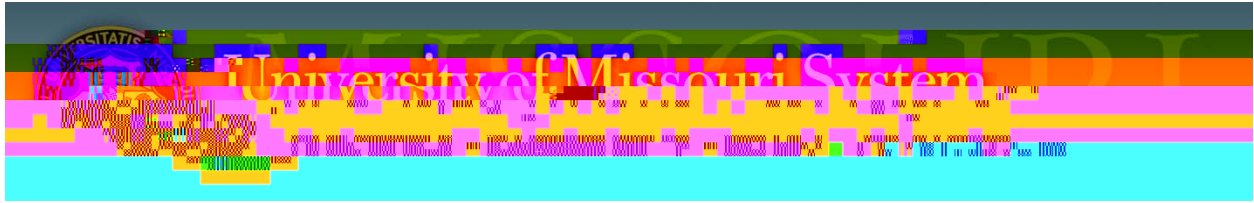
*National Study of Instructional Costs and Productivity (NSICP, or  
“Delaware Study”) data from a major Midwestern U.S. public university  
system for a recent ten consecutive year period are summarized using  
statistical graphs. Considerations underlying the final choice of graphics  
are discussed.*

Displaying NSICP (Delaware Study) Data  
Mid America Association for Institutional Research (MidAIR)  
28<sup>th</sup> Annual Conference



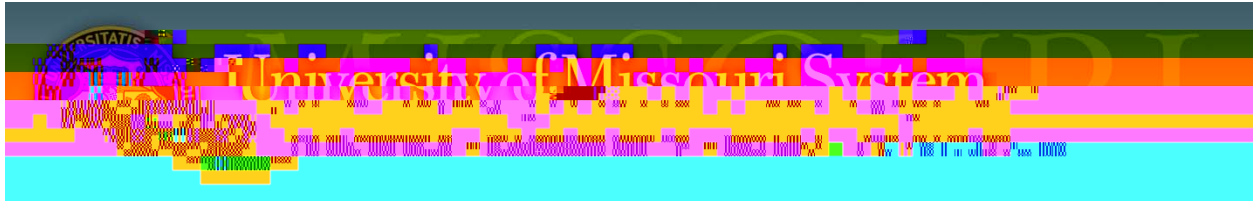
## Outline

- Introduction
  - Project
  - People
- Motivation
- Graphs
- Summary
- Next Steps
- Q & A

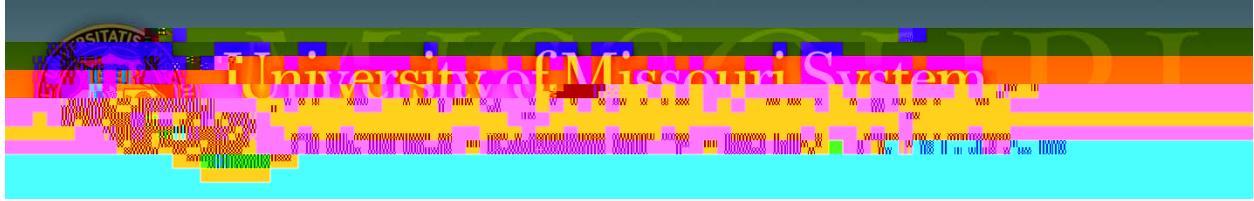


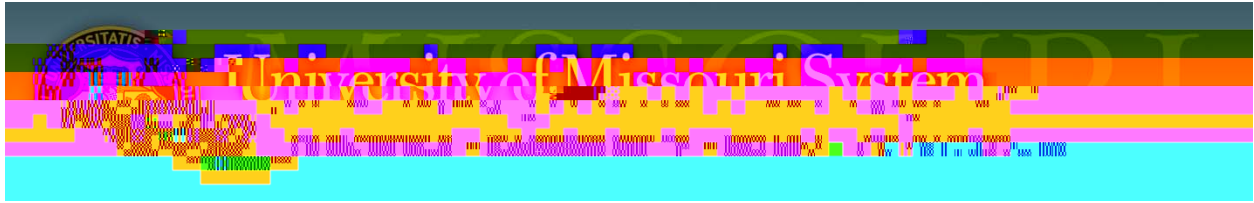
## UM Departments with Historical NSICP Data

UM Campus	No. Departments
MU	51
UMKC	23
Missouri S&T	15
UMSL	24
<b>TOTAL</b>	<b>113</b>



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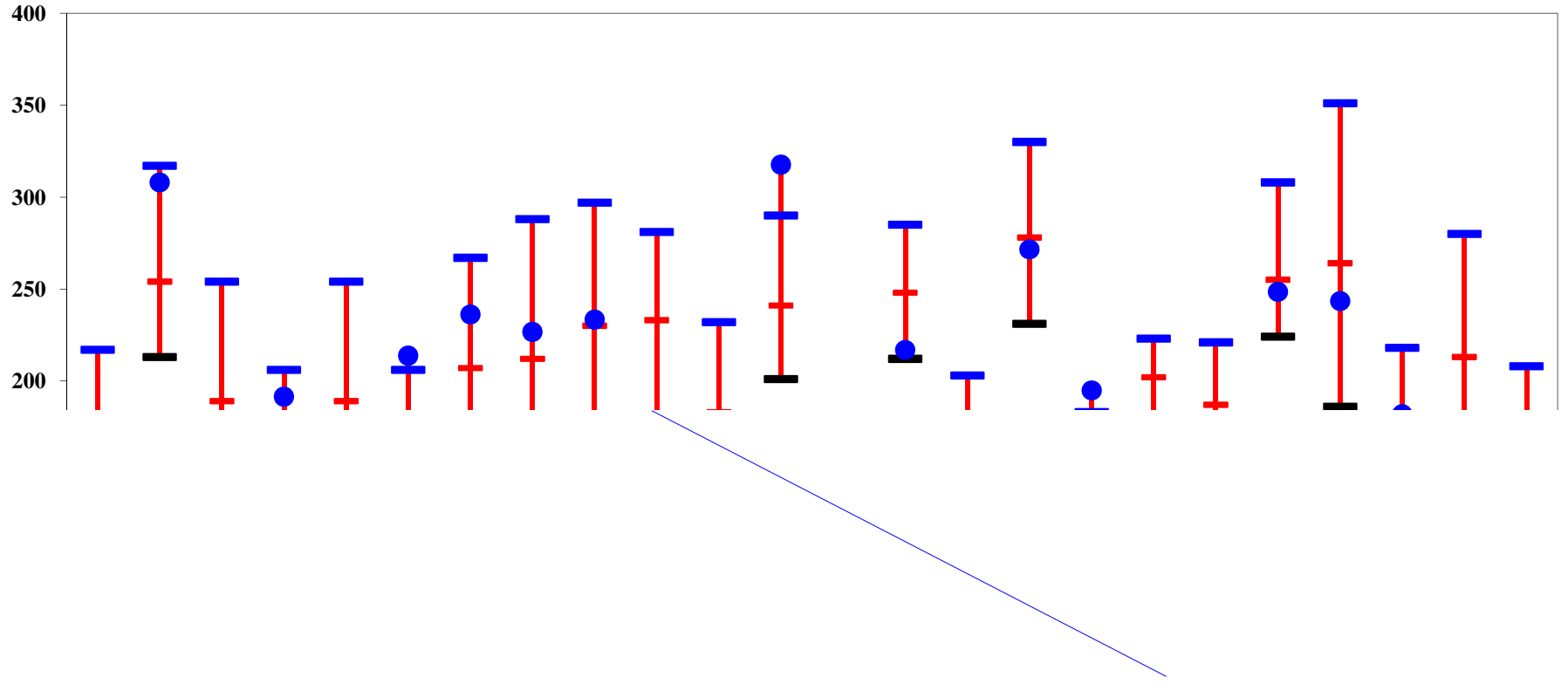


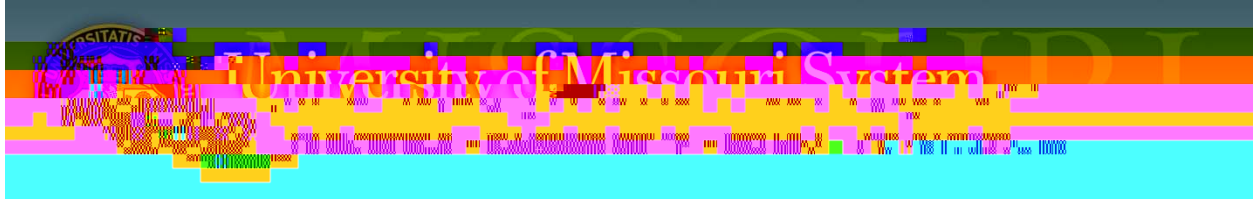


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MidAIRTalk\_20081114\_DelawareSample02

**Direct Expenditures per SCH and SCH per FTE Comparisons**  
University of Missouri - XXXX  
FY2006 DRAFT 01/07/2008

— 25th Percentile — Median — 75th Percentile •





## More NSICP Based Metrics

FS Total SCH

FS Total FTE *Instructional* Faculty

FS Total SCH taught by Regular TTE [*Instructional*] Faculty

FS Total FTE Regular TTE *Instructional* Faculty

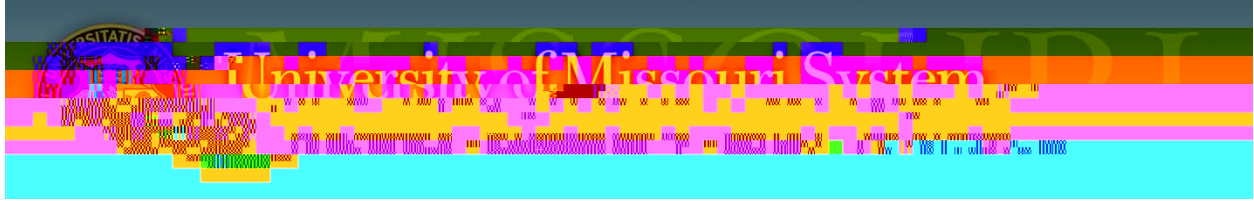
FY Total Direct Expenditures for Instruction

AY Total SCH supported by Department's Instructional Budget

FY Total Direct Expend for Separately Budgeted Rsrch & Service

FS Total FTE Regular TTE Faculty

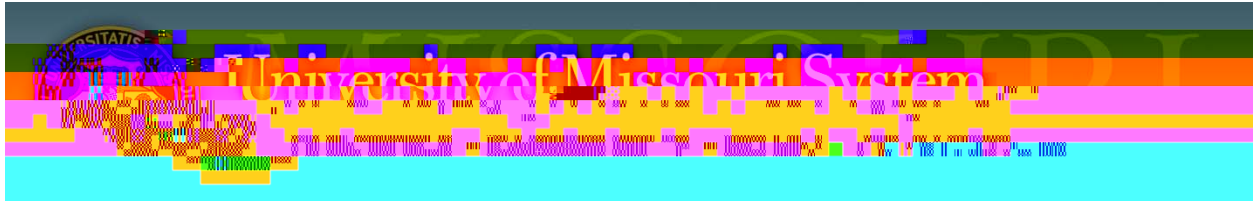




## More NSICP Based Metrics

FS Total SCH

FS Total FTE *Instructional* Faculty



## More NSICP Based Metrics

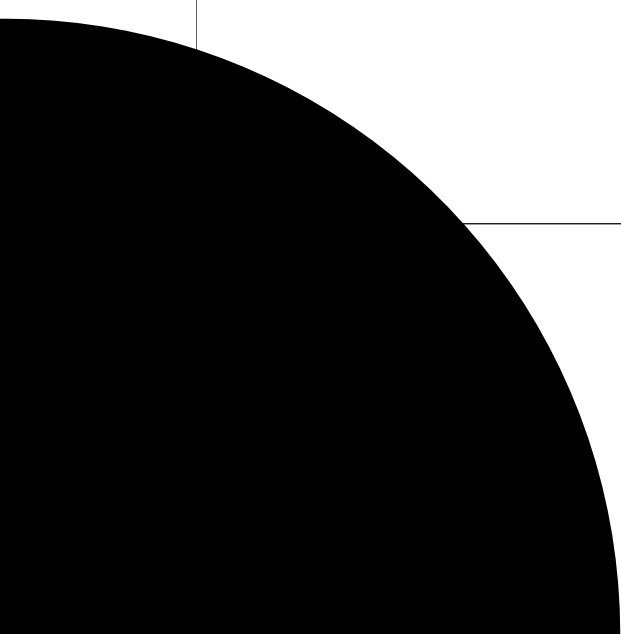
FY Total Direct Expenditures for Instruction

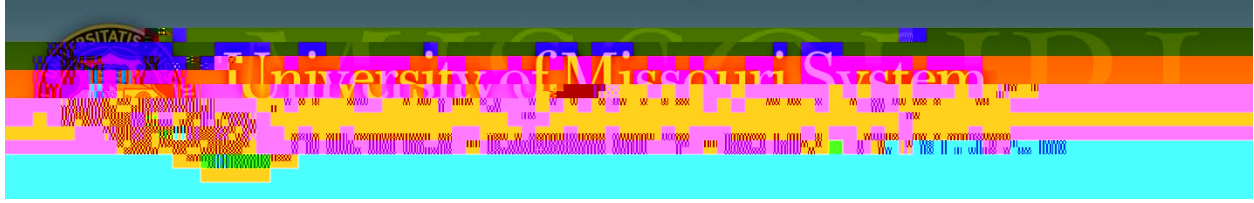
AY Total SCH supported by Department's Instructional Budget

**Fig 5. AY Rel Direct Instr Expend for SCH (in \$/SCH, infl adj)**

Cam

U&T Department= CHE<sup>1</sup>





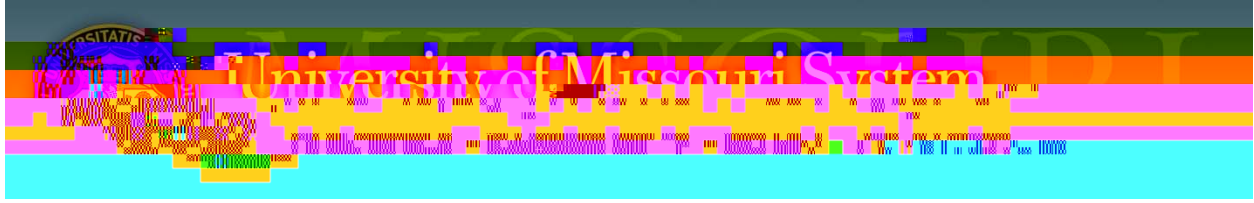
**More**

Chemis

History

Phy

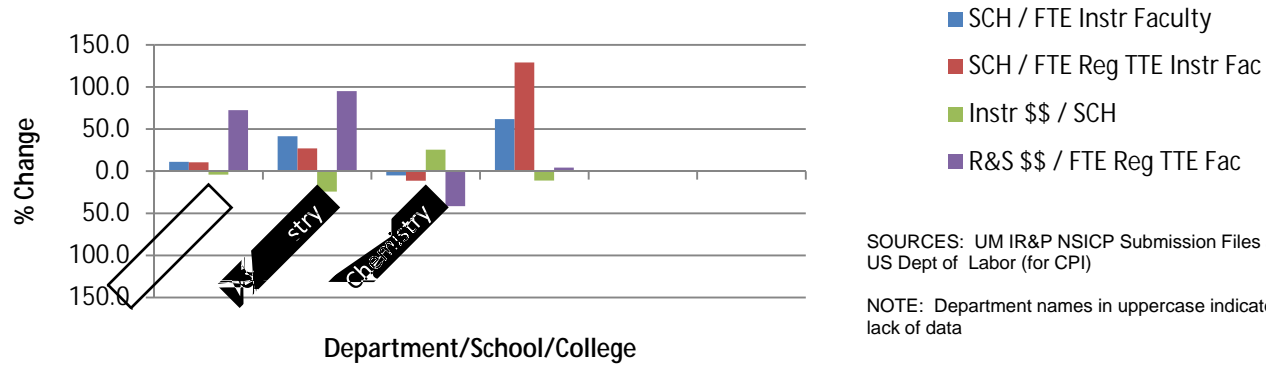




# More NSICP Based Metrics

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Mid AmericaDataAQ

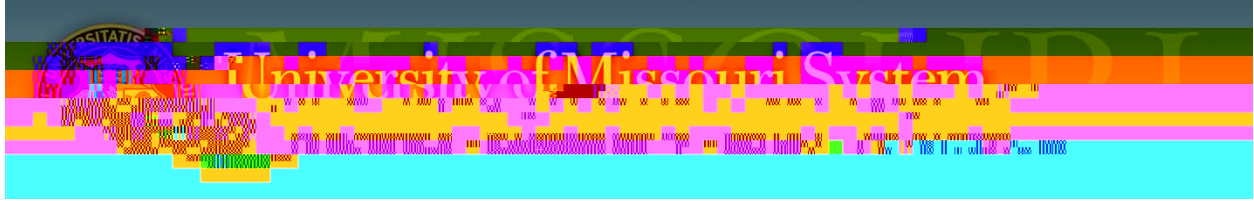
Fig 6. Rel Change (%) between FY2001 and FY2006 3 Yr Ave Productivity and 3 Yr Ave Direct Expenditures (Infl Adj), UM Chemistry Depts



SOURCES: UM IR&P NSICP Submission Files and US Dept of Labor (for CPI)  
 NOTE: Department names in uppercase indicate lack of data





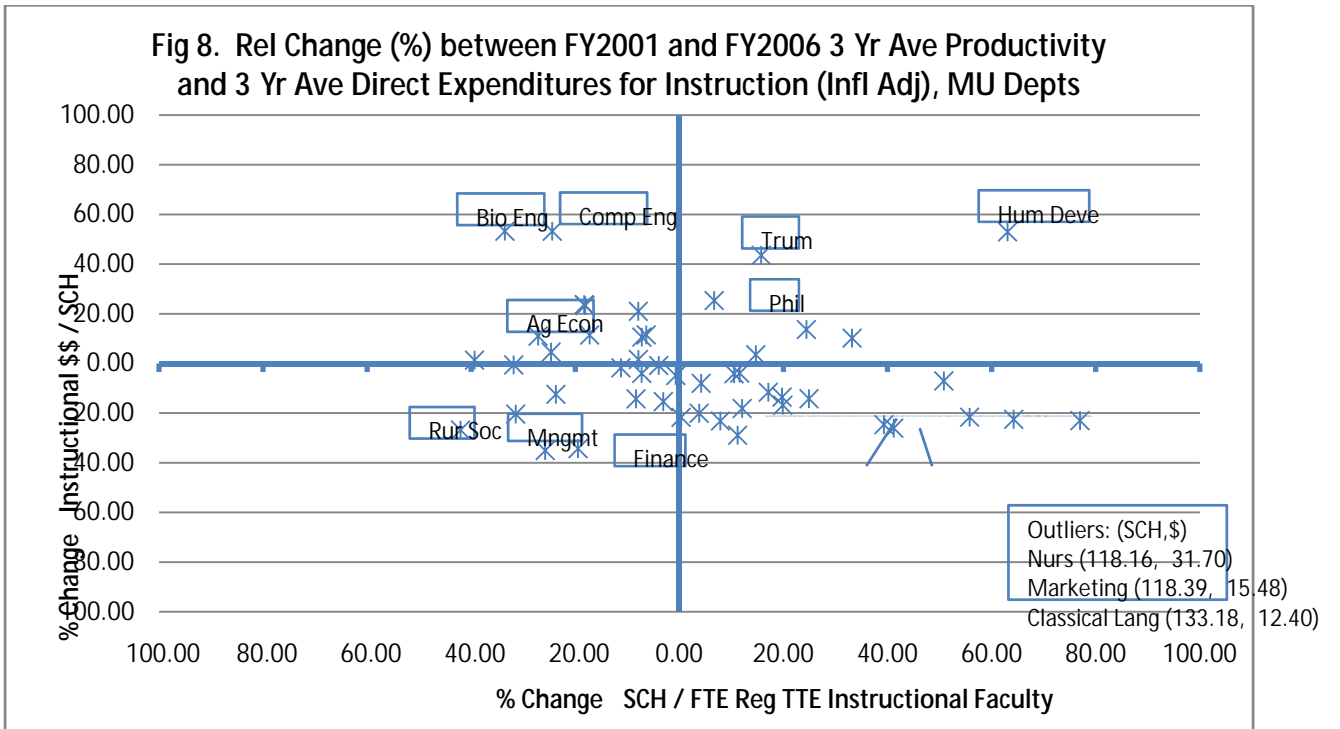
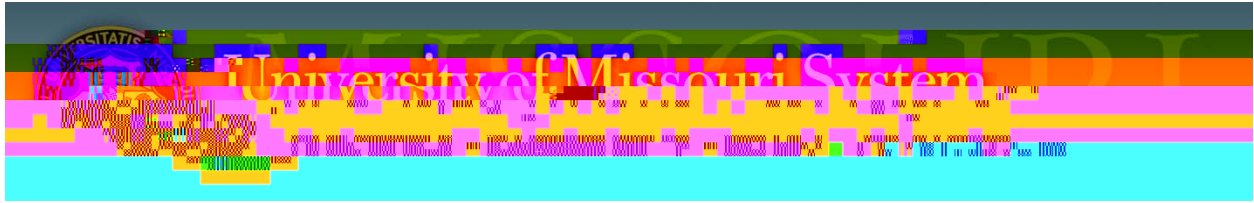


**SCH per FTE Instru Fac.**

**Dir**

400  
300  
200  
100  
0  
-100  
-200  
0

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 November 12-14, 2008  
 MidAIRTalk\_20081114\_scatterplot

