

MATTHEW DANIEL GUNN

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EDUCATION	Ph.D., Finance, Booth School of Business, University of Chicago	2011-2017
	M.B.A., Booth School of Business, University of Chicago	2011
	B.A.S. in Symbolic Systems (concentrating in artificial intelligence)	2004
	and Economics, Stanford University	

RESEARCH INTERESTS Empirical Asset Pricing, Corporate Finance

RESEARCH *“Share Repurchases: Market Timing and Abnormal Returns” (Job Market Paper)*

Prior research shows positive abnormal returns follow the announcement of a new share repurchase program, but do firms earn abnormal returns on their actual repurchases? An obstacle to answering this question has been poor data on the timing of corporate share repurchases. I build a near complete dataset of monthly share repurchases using software I wrote to extract the data from 10-Q and 10-K filings. Constructing portfolios based upon the share repurchase signal, I find small to medium firms earn abnormal returns while large firms do not. Furthermore, I find evidence consistent with a market reaction to the disclosure of share repurchases. Firms experience positive abnormal returns around their 10-Q and 10-K filing date relative to non-repurchasers with public programs, and using machine learning techniques to forecast share repurchases, I find the share repurchase surprise, actual minus forecast repurchases, is associated with positive abnormal returns around a firm's earning announcement and 10-Q, 10-K filing dates.

My main contributions are thus threefold: I provide systematic, machine extracted data on repurchases, show that small to mid-size firms have positive abnormal returns while large firms do not, and use machine learning techniques to forecast repurchases and show abnormal returns around earning announcement days and 10-Q and 10-K filing dates are positively associated with the unexpected component of repurchases, the share repurchase surprise.

“Taxes and Dividends: The Tax Anticipation Experiment of 2012”

Late 2012 presented an environment where investors could anticipate higher taxes on capital income for the 2013 tax year and beyond. This provides a natural experiment to test whether the tax irrelevance theory of dividend policy holds or

whether firms increase payouts in anticipation of higher taxes. I reject tax irrelevance, finding an approximate 50 percent surge in dividends in Q4 2012 that cannot be explained using earnings or other typical covariates. I also give direct evidence the surge is tax related by linking variation in dividend payout with variation in tax exposure of firm owners. It is not known precisely what tax changes investors anticipated. But even if they anticipated a full reversion of dividend taxation to pre-2003 rates, this would still imply a large elasticity for dividends with respect to anticipated changes in the Poterba tax preference parameter (i.e. the ratio of the net of dividend tax rate to net of capital gains tax rate) and that taxes generate a significant deviation from the Modigliani-Miller world of dividend policy irrelevance.

ADDITIONAL *Putting Our House in Order: A Guide to Social Security and Health Reform* by John B. Shoven and George Shultz (with Matthew Gunn and Gopi Shah Goda), W.W. North & Company, 2008

“The Uninsured’s Hidden Tax on Health Insurance Premiums in California: How Reliable is the Evidence?” by John F. Cogan, Matthew Gunn, Evan J. Lodes, Daniel P. Kessler, Hoover Press, 2007

HONORS AND AWARDS	Chicago Booth Ph.D. Fellowship	2011-2016
	Bradley Fellowship	2014
	Katherine Dusak Miller Fellowship	2015

PROFESSIONAL EXPERIENCE	Breakthrough Collaborative	2009-2016
	<i>Board Member – Finance Committee</i>	

	Hoover Institution	2005-2009
	<i>Research Assistant to the Honorable George P. Shultz</i>	

	Center for the Study of Languages and Information at Stanford University	summer 2002
	<i>Software Developer – Infomap Project</i>	

**TEACHING
EXPERIENCE**

TA Managing Global Financial Institutions (Hugo Banziger; MBA)	2013
TA Theory of Financial Decisions I (Eugene Fama; Ph.D.)	2013
TA Money and Banking (Randall Kroszner; MBA)	2012
TA Analytics of Financial Crises (Anil Kashyap; MBA)	2012

**PROGRAMMING
LANGUAGES** C, C++, Java, SQL, Matlab

REFERENCES

Bryan Kelly (Chair) University of Chicago Booth School of Business bryan.kelly@chicagobooth.edu	Kelly Shue Yale University Yale School of Management kelly.shue@yale.edu
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