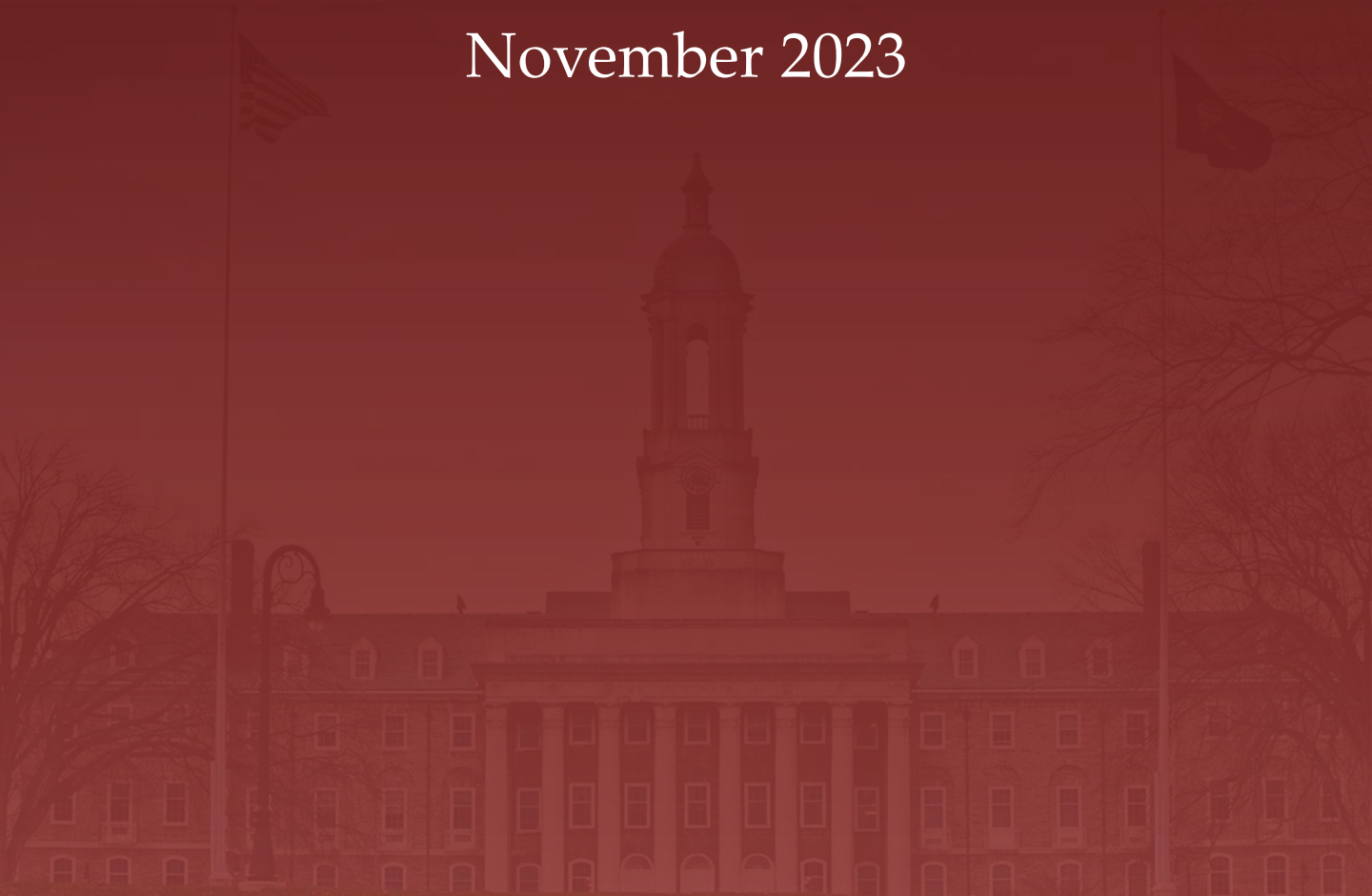


Leveraged Lion Capital Monthly Report

November 2023



LLC Updates

LLC went on its semi-annual Wall Street trip to begin the month of November. This trip was an excellent opportunity for our members to meet alumni, build connections, and learn more about the financial services industry. The trip included visits to Bank of America, BNP Paribas, Citi, Goldman Sachs, JP Morgan, and Morgan Stanley. Thank you to all the alumni who helped make this trip possible!

In class, first-semester Associate Analysts completed their solo credit pitch presentations. The Directors of Equity and FICC Research each presented market updates. Lead Analysts and Returning Associate Analysts also began working on their solo presentations. Analysts pursuing Investment Banking or Private Equity completed Leveraged Buyout analyses, while those pursuing other career paths including Sales & Trading and Asset Management presented Relative Value analyses.

On November 3rd, the TD Cowen Investment Banking recruiting team visited class. In addition to a presentation, the TD Cowen team also hosted individual coffee chats with LLC Portfolio Managers.

Finally, LLC hosted its semi-annual formal at Stage West with the Nittany Lion Fund and the Asset Management Group.

LLC 2024 Executive Board

Position	Name
President	Luke Zoll
Vice President	Pearse Kelly
Chief Investment Officer	Peyton Brezski
Secretary	Max Aurilio
Treasurer	Zander Golden

Pages 1 & 2

- Organization Developments
- Chase Adler
- Alumni Spotlight
- Logan Rambo

Page 3

- Credit Markets News, CIO Commentary, & Credit Statistics
- Emily Hu

Pages 4 & 5

- Sector Summaries

Page 6

- Portfolio & Credit Analysis
- Nihar Kalikota
- Garrett Goodwin

Page 7

- Organizational Overview

Thank You to Our Sponsors:



BANK OF AMERICA



S&P Global



Logan Rambo studied Finance at Penn State from 2019 to 2023. He served as Lead Analyst of the Media & Communications Sector during the Spring 2022 semester. For the Summer of 2022, he interned at Barclays in their Sales & Trading division. He returned to Barclays full-time as an Analyst on their Loan Portfolio Management team.

Contact Information:

Email: rambologan12@gmail.com

Alumni Spotlight: Logan Rambo '23

1. When were you a member of Leveraged Lion Capital and what positions did you hold?

My name is Logan Rambo, and I graduated from Penn State back in May 2023. I'm originally from Collegeville, PA, where I grew up playing soccer and baseball. At Penn State, I was involved in LLC, Smeal Student Mentors, and Acacia Fraternity. I joined LLC in the Spring of 2021 as an Associate Analyst in the Media & Communications Sector and was the Lead Analyst the following semester. I interned at Barclays in the Summer of 2022 in the Credit S&T division.

2. What did Leveraged Lion Capital mean to you while you were on campus?

LLC helped me to connect with other like-minded people who shared the same goals as me. The club allowed me to meet some great people while also giving me a support system through mentors and peers to help me thrive and succeed even during difficult times.

3. How did Leveraged Lion Capital help prepare you for your career?

It was a great way to learn and grow in an area where almost no other college student has experience. It put me a step ahead in my career and gave me the confidence to succeed in a stressful environment.

4. What advice do you have for members of Leveraged Lion Capital who are currently recruiting for internships?

There is no clear-cut path to get an internship. Everyone has their own process that works best for them. As long as you're taking the right steps (e.g. LLC, Wall Street Boot Camp, etc.) and putting in the work, all the pieces will fall into place. Also, this process is tough. Try not to get bogged down and remember you're still in college, so nothing a night at Pman's can't fix!

CIO Commentary

For the month of November 2023, Leveraged Lion Capital's leveraged loan portfolio returned (0.48%) nominally, an underperformance to the LSTA 100 Index of 0.91%. Leveraged Lion Capital's high yield bond portfolio returned (1.37%) nominally, an underperformance to the HY Index of 5.47%.

Currently, Leveraged Lion Capital holds 18 bonds and 14 loans, with S&P credit ratings ranging from CCC to BBB- and B to BB+, respectively. The BBB- bond that we hold was issued by ICON PLC and was upgraded from BB+ in October.

The REGAL-FIG Sector has the highest weighted-average yield of 10.39% with a portfolio of 4 loans, and the Energy Sector has the lowest weighted-average yield of 6.87% with a portfolio of 4 bonds.

Leveraged Loan & HY Bond News

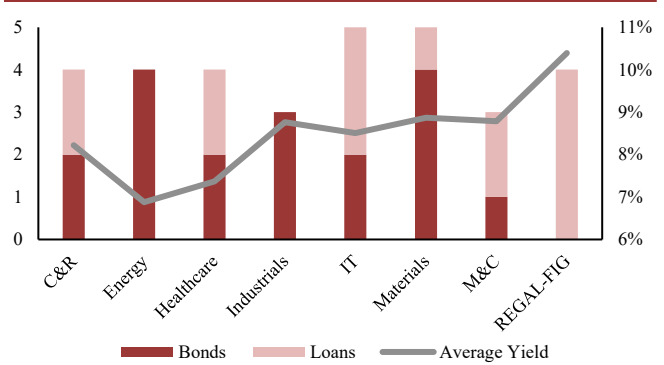
Junk bond issuance held an average YTW of 8.42% in November and totaled \$19.38 bn, bringing the YTD volume to \$163.05 bn. The 12-month junk default rate stood at 0.23% while the leveraged loan default rate lingered at 0.33% due to risky LBO-based loans. Junk corporates showed resiliency during earnings season, with improving leverage interest coverage. High grade corporates, however, did not show the same response.

WeWork Bankruptcy

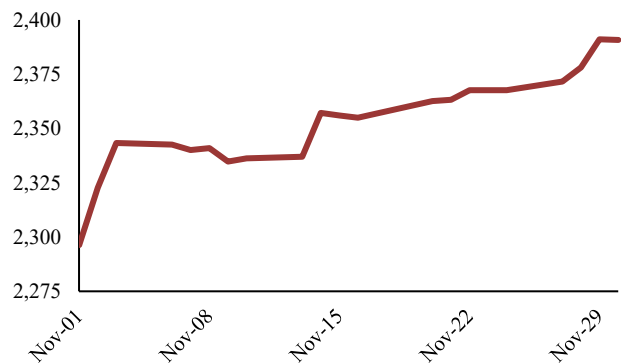
Coworking space provider WeWork filed for Chapter 11 bankruptcy on November 6 in New Jersey, ending its run as the venture-capital darling after being the most valuable start-up that at one point was worth \$47.00 bn. The Company suffered from pandemic shutdowns and was behind on billions of dollars in rent payments after signing hundreds of long-term leases.

Data and charts used in the November CIO Commentary (page 3) were directly retrieved from Bloomberg for educational purposes only. Data and charts for the Monthly Charts and Portfolio Analytics Report (located on page 7) were directly retrieved from Bloomberg, the LSTA, and S&P Global for educational purposes only. Leveraged Lion Capital is not associated with any of the aforementioned organizations and does not take credit for data and charts used in this report. No copyright infringement intended.

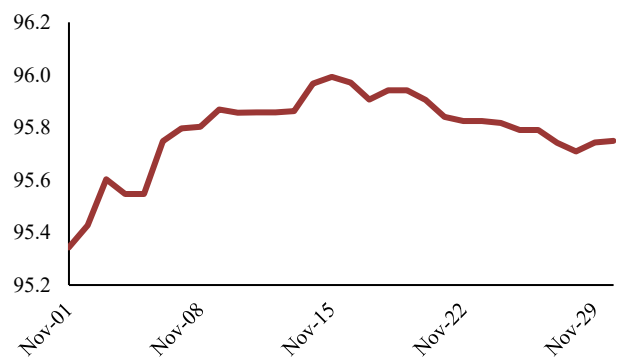
LLC Portfolio Distribution



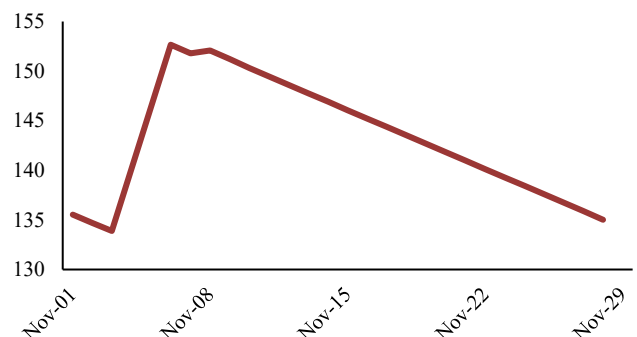
BBHY Index



LSTA 100 Index



Bankruptcy Index



Sector Summaries

Consumer & Retail

Lead Analyst: Zander Golden

The Consumer & Retail Sector's loans returned (0.87%) nominally this month and bonds returned (0.92%) nominally. The Sector's best performing holding this month was Dave & Busters' 2029 TLB, trading down 25.0 bps. The Company has a lower cost per person than competitors, such as Six Flags. This has enabled Dave & Busters to grow their bottom line despite a decrease in consumer spending. The Sector's worst performing holding this month was Petco's 2028 TLB, trading down 137.5 bps. The Company reported flat revenue growth and a 0.50% decrease in Net Income YoY. CEO Ron Coughlin cited that the Company's poor earnings are a result of a decrease in grooming and veterinary spending. The Sector will continue to monitor consumer spending going into the holiday season, as December is the most important month for the multi-line retail sub-sector.

Energy & Utilities

Lead Analyst: Trevor Carney

The Energy Sector returned 0.38% nominally this month. The Sector's best performing holding this month was Antero Midstream's 2027 Senior Unsecured Bond, trading up 90.4 bps. Antero's management boosted its 2023 Adjusted EBITDA guidance, signaling higher Free Cash Flow. The Sector's worst performing holding this month was NGL Energy's 2026 Senior Secured Bond, trading down 91.7 bps. Investors are growing more concerned that the Company will not be able to refinance or repay its 2025 Unsecured Bond. The Sector will be monitoring the international climate summit in Dubai for any new commitments to phase out fossil fuels.

Healthcare

Lead Analyst: Charles Loose

The Healthcare Sector's loans returned (0.13%) nominally this month and bonds returned 0.19% nominally. The Sector's best performing holding this month was ICON PLC's 2026 Senior Secured Bond, trading up 192.1 bps. The Company is still seeing the accretive effects from its corporate rating upgrade from S&P Global. The Sector's worst performing holding this month was Health Equity's 2029 Unsecured Bond, trading down 34.0 bps. Although Health Equity has not been performing at expectations, the Company is projected to overshoot earnings estimates across multiple segments this fiscal year. The Sector plans to monitor the growing trend of employee strikes across the industry.

Industrials

Lead Analyst: Eshwar Tunga

The Industrials Sector returned (2.07%) nominally this month. The Sector's best performing holding this month was Enpro's 2026 Senior Unsecured Bond, trading down 91.3 bps. Enpro's Adjusted EBITDA decreased by 19.10% to \$57.70 mm in 3Q23, driven by weakening in the AST segment. The Company's organic sales also fell by 10.80%. The Sector's worst performing holding this month was Tutor Perini's 2025 Senior Unsecured Bond, trading down 441.1 bps. Tutor Perini's New York-based specialty contracting units, which has been problematic, are now restricted to subcontracting work for Tutor Perini's general contractors and construction managers, which dropped margins. The Sector plans to monitor the Construction sub-sector to get clarity on how well companies can digitize their supply chains.

Sector Summaries

Information Technology

Lead Analyst: Jake Whittaker

The Information Technology Sector's loans returned (0.75%) nominally this month and bonds returned (2.00%) nominally. The Sector's best performing holding this month was Digi International's 2028 TLB, trading up 62.5 bps. In November, the Company announced strong 2023 financial results fueled by the Industrial IoT market, setting new fiscal year records in ARR, Revenue, and Adjusted EBITDA. The Sector's worst performing holding this month was Playtika's 2028 TLB, trading down 300.0 bps. The Company is headquartered and conducts significant amounts of operations in Israel, and earlier in the month, roughly 14.00% of the Company's employees were activated from the Israeli Military Reserves. Going forward, the Sector will keep a close eye on how the market reacts to the arrival of new AI chips that are being introduced by AMD and Intel, and specifically if they will be able to take back market share from Nvidia.

Materials

Lead Analyst: John Brownstead

The Materials Sector's loans returned 0.00% nominally this month and bonds returned (2.29%) nominally. The Sector's best performing holding this month was U.S. Steel's 2029 Senior Unsecured Bond, trading down 34.2 bps. With the steel market's recent rising prices, the Company still predicts an extremely strong 1Q24, as demand should start to climb. The Sector's worst performing holding this month was First Quantum Minerals' 2025 Senior Unsecured Bond, trading down 640.4 bps. Recently, this Company has performed very poorly from underperforming mines and mine slowdowns from the Panama government. In the upcoming month, the Materials Sector will keep a close eye on steel and alloy performance for growing potential in those sectors to increase company innovation and demand.

Media & Communications

Lead Analyst: Will Perez

The Media & Communications Sector's loans returned (0.06%) nominally this month and bonds returned 1.01% nominally. The Sector's best performing holding this month was AMC Entertainment's 2027 Secured Bond, trading up 100.5 bps. Beyoncé released her concert film "Renaissance", which generated around \$21.00 mm in box office revenue in the film's first weekend. The Sector's worst performing holding this month was Warner Music Group's 2028 TLB, trading down 12.5 bps. Warner Music Group announced that it exceeded \$6.00 bn in Revenue for the first time in company history in addition to a 9.62% increase in EBITDA YoY. The Sector will monitor the actions of the FCC during its Open Commission Meeting on December 13th.

REGAL-FIG

Lead Analyst: Nick Patterson

The REGAL-FIG Sector returned (0.52%) nominally this month. The Sector's best performing holding this month was Virtu Financial's 2029 TLB, trading flat. Virtu Financial reported earnings this month; the Company reported \$0.45 Earnings Per Share and Adjusted Net Trading Income of \$298.00 mm, beating Zacks Consensus Estimate by 12.50% and 4.90%, respectively. The stock traded down 1.40% due to rising operating expenses offsetting the positives. The Sector's worst performing holding this month was Moneygram International's 2030 TLB, trading down 125.0 bps. Moneygram International reported this month that their partnership with Haas F1 team has exceeded expectations. The 20 countries where F1 races are held now make up 70.00% of the Company's revenue and have allowed them to reach a younger, more tech savvy demographic. F1 has grown exponentially over the past few years, and Moneygram hopes to capitalize on this growth moving forward.

Portfolio Analysis

CURRENT HOLDINGS (as of 11/30/23)

Company Name	Sector	Maturity	LIBOR Spread	Buy-In Price	Buy-In Amount	Opening Price ¹	Closing Price	Facility Rating ²	Nov Return (bps)
Energizer	Consumer	3/31/2029	4.375%	96.312	\$6,000.00	82.630	81.892	B2/B	(73.8) bps
Dave and Busters	Consumer	6/29/2029	S + 375	100.130	\$3,999.00	100.000	99.750	B1/B	(25.0) bps
Darling Ingredients	Consumer	6/15/2030	6.000%	100.280	\$6,000.00	94.297	93.412	Ba2/BB+	(88.5) bps
Petco	Consumer	3/6/2028	S + 325	98.750	\$5,000.00	98.875	97.500	B2/B+	(137.5) bps
Antero Midstream	Energy	3/1/2027	5.750%	90.805	\$1,337.09	94.686	95.590	Ba3/BB	90.4 bps
Genesis Energy	Energy	1/15/2027	8.000%	102.513	\$1,302.29	96.062	96.079	B3/B	1.7 bps
NGL Energy Partners	Energy	2/1/2026	7.500%	101.939	\$716.26	98.614	97.697	B2/B+	(91.7) bps
Weatherford International	Energy	9/15/2028	6.500%	93.001	\$1,383.51	99.914	100.658	Ba2/BB	74.4 bps
HealthEquity	Healthcare	10/1/2029	4.500%	98.857	\$3,706.91	85.549	85.209	B2/B+	(34.0) bps
RadNet	Healthcare	4/23/2028	S + 325	100.000	\$3,710.00	99.750	99.500	B1/B+	(25.0) bps
Horizon Therapeutics	Healthcare	5/22/2026	S + 200	100.000	\$1,850.00	99.875	100.000	WR/NR	12.5 bps
ICON PLC	Healthcare	7/15/2026	2.875%	91.956	\$1,000.00	89.427	91.348	Ba1/BBB-	192.1 bps
Tutor Perini	Industrials	5/1/2025	6.875%	96.232	\$2,000.00	90.509	86.098	Caa1/CCC	(441.1) bps
Enpro Industries	Industrials	10/15/2026	5.750%	95.656	\$3,000.00	95.779	94.866	B2/BB	(91.3) bps
Danaos Corp	Industrials	3/1/2028	8.500%	110.708	\$7,000.00	101.796	99.997	Ba3/BB+	(179.9) bps
Digi International	IT	12/22/2028	S + 500	98.500	\$5,153.90	99.125	99.750	B2/BB	62.5 bps
Onsemi Semiconductors	IT	9/1/2028	3.875%	98.500	\$5,000.00	87.415	85.667	Ba2/BB	(174.8) bps
Playtika	IT	3/11/2028	S + 275	99.625	\$4,000.00	99.875	96.875	Ba2/BB+	(300.0) bps
Ultra Clean	IT	8/27/2025	S + 375	100.500	\$3,662.54	100.125	99.875	B1/B+	(25.0) bps
Mercer International	Materials	2/1/2029	5.125%	102.340	\$4,910.00	78.581	78.136	B2/B	(44.5) bps
First Quantum Minerals	Materials	4/1/2025	7.500%	103.901	\$4,910.00	99.656	93.252	WR/B+	(640.4) bps
Carpenter Technology	Materials	7/15/2028	6.375%	96.616	\$5,000.00	96.173	94.818	B1/BB	(135.5) bps
Cleveland Cliffs	Materials	3/1/2029	4.625%	89.005	\$3,000.00	86.415	85.273	Ba3/NR	(114.2) bps
U.S. Steel	Materials	3/1/2029	6.875%	104.281	\$2,000.00	97.905	97.563	B1/BB-	(34.2) bps
Tronox	Materials	3/11/2028	S + 250	99.375	\$4,000.00	98.250	98.250	Ba2/BB	-
Warner Music Group	M&C	1/20/2028	S + 212.5	100.000	\$4,250.00	99.875	99.750	Ba2/BB+	(12.5) bps
AMC Entertainment	M&C	11/1/2027	12.750%	100.940	\$3,000.00	99.269	100.274	B3/B	100.5 bps
Ciena	M&C	10/24/2030	S + 200	100.375	\$4,000.00	-	99.375	Baa3/BB+	0.0 bps
Virtu Financial	REGAL-FIG	1/16/2029	S + 300	99.750	\$2,148.85	99.250	99.250	Ba3/B+	-
Moneygram International	REGAL-FIG	6/1/2030	S + 550	94.000	\$1,453.94	94.500	93.250	B2/B	(125.0) bps
Century Casinos	REGAL-FIG	4/2/2029	S + 600	97.125	\$2,000.16	97.000	96.375	B3/B	(62.5) bps
Playa Hotels and Resorts	REGAL-FIG	1/5/2029	S + 425	99.875	\$2,000.00	100.000	99.625	B1/B+	(37.5) bps

SECTOR ANALYSIS

Sector Analysis	Loans	LSTA 100 ³	Relative	Bonds	LLC HY ³	Relative
Consumer & Retail	-0.87%	1.48%	-2.36%	-0.92%	4.88%	-5.80%
Energy	-	1.09%	-	0.38%	3.59%	-3.21%
Healthcare	-0.13%	1.50%	-1.62%	0.19%	4.93%	-4.74%
Industrials	-	1.26%	-	-2.07%	4.15%	-6.22%
IT	-0.75%	1.54%	-2.29%	-2.00%	5.07%	-7.07%
Materials	0.00%	1.28%	-1.28%	-2.29%	4.21%	-6.50%
Media & Communications	-0.06%	1.69%	-1.76%	1.01%	5.58%	-4.56%
REGAL-FIG	-0.52%	1.44%	-1.96%	-	4.73%	-
Total	-0.48%	0.43%	-0.91%	-1.37%	4.10%	-5.47%

PORTFOLIO OVERVIEW

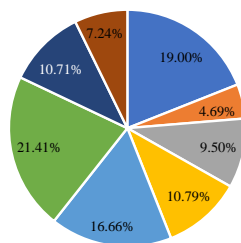
LLC Portfolio (beginning 1/1/2018)	
Beginning Portfolio Value	\$124,854.79
Current Portfolio Value	\$104,899.18
Cash Balance	\$49,728.91
LLC Portfolio (YTD)	
Beginning Portfolio Value	\$99,350.19
Current Portfolio Value	\$104,899.18
Cash Balance	\$49,728.91
Accumulated Interest	\$25,958.57

RELATIVE PERFORMANCE

November 2023 Performance	
Leveraged Lion Capital	-0.97%
LSTA 100 Index	1.25%
LLC vs. LSTA 100	-0.91%
LLC HY	4.10%
LLC vs. LLC HY	-5.47%

YTD Performance	
Leveraged Lion Capital	1.62%
LSTA 100 Index	9.55%
LLC vs. LSTA 100	-7.93%
LLC HY	-1.72%
LLC vs. LLC HY	3.34%

PORTFOLIO BREAKDOWN



NOVEMBER BEST PERFORMER



NOVEMBER WORST PERFORMER



NOTES

¹ Opening prices for instruments added to the portfolio during the month are the price at market close on the day that the position was initiated, not necessarily the start of the month. ² Most recent available ratings. ³ Estimates for LSTA 100 and "LLC High Yield" index individual sector performance. For the most accurate measure of Leveraged Lion Capital's relative performance, please refer to Total figures.

Fall 2023 Organizational Overview

Leveraged Lion Capital is the nation's first student-run syndicated paper loan and high yield bond portfolio. Founded in Spring 2017 at The Pennsylvania State University, the organization aims to educate undergraduate students about the world of fixed income through the utilization of various resources and unique relationships with financial organizations and institutions, including Bank of America, the LSTA, and S&P Global Market Intelligence. Managing an approximately \$125 million paper portfolio, students seek to learn the fundamentals of credit analysis via a hands-on approach by researching, analyzing, and pitching U.S. leveraged loans and high yield bonds to the rest of the organization. The portfolio is divided into eight sectors that are derived from the S&P/LSTA 100 Index, consisting of Consumer & Retail, Energy, Healthcare, Industrials, Information Technology, Materials, Media & Communications, and REGAL-FIG (Real Estate, Gaming & Leisure, Financial Institutions Group).

Name	Position	Year	Gmail	PSU Email	Phone
Executive Board					
Chase Adler	President	2024	adlerc51@gmail.com	cra5317@psu.edu	610-462-7114
Tishe Olaleye	Vice President	2024	tisheolaleye20@gmail.com	of05073@psu.edu	908-745-8689
Emily Hu	Chief Investment Officer	2024	emilyjhu1006@gmail.com	ejh5814@psu.edu	814-308-3966
Rohith Bodduluri	Secretary	2024	rohith.bodduluri@gmail.com	rz5638@psu.edu	215-971-6633
Directors					
Ivan Sosa	Director of Equity Research	2025	ivansosamontalvo@gmail.com	iqs5246@psu.edu	832-998-7927
Pearse Kelly	Director of FICC Research	2025	pearsek20@gmail.com	pjk5630@psu.edu	484-431-6140
Peyton Brezski	Director of Education	2025	pbrezfin@gmail.com	pfb5266@psu.edu	484-945-3228
Nihar Kalikota	Director of Portfolio Analytics	2025	nihar.kalikota1@gmail.com	rxk5394@psu.edu	215-666-1201
Luke Zoll	Director of PSFIA	2025	lukezoll9@gmail.com	lqz5233@psu.edu	215-880-1390
Emma Reach	Director of Outreach	2025	emmareach09@gmail.com	elr5420@psu.edu	717-475-4765
Daniel Alpert	Co-Director of Pitch Quality	2025	danny.b.alpert@gmail.com	dba5363@psu.edu	267-288-3510
Max Aurilio	Co-Director of Pitch Quality	2025	max.aurilio@gmail.com	mqa5972@psu.edu	717-598-1682
Thomas (TJ) Callan	Co-Director of Weekly Reports	2025	tjcallan8@gmail.com	tjc6348@psu.edu	631-601-7909
David Harris	Co-Director of Weekly Reports	2025	davhar1212@gmail.com	dth5663@psu.edu	267-606-7592
Garrett Goodwin	Director of Monthly Reports	2025	ggoodwin1318@gmail.com	gpg5250@psu.edu	301-788-0286
Dylan Verschleiser	Director of Philanthropy	2024	dverschleiser27@gmail.com	dmv5348@psu.edu	908-872-2373
Lead Analysts					
Zander Golden	Consumer & Retail	2025	goldenzander12@gmail.com	zxc5147@psu.edu	808-650-1032
Trevor Carney	Energy	2025	trevorcarney4@gmail.com	tfc5379@psu.edu	412-328-7432
Charles Loose	Healthcare	2026	owenloose33@gmail.com	col5489@psu.edu	717-847-5742
Eshwar Tunga	Industrials	2025	eshwartunga1@gmail.com	eft5192@psu.edu	631-922-9317
Jake Whittaker	Information Technology	2025	jmwhittak@gmail.com	jmw7735@psu.edu	717-808-9707
John Brownstead	Materials	2026	brownsteadjohn@gmail.com	jrb7132@psu.edu	814-441-4713
Will Perez	Media & Communications	2025	wpperez@gmail.com	wqp5126@psu.edu	215-603-0101
Nick Patterson	REGAL-FIG	2026	nickpatterson124@gmail.com	nep5189@psu.edu	610-306-0661
Associate Analysts					
Jakub Dingo	Consumer & Retail	2026	jakubdingo@gmail.com	jcd5828@psu.edu	740-319-1528
Dean Allen	Energy	2026	drallen1123@gmail.com	dra5364@psu.edu	267-234-4151
Noah Simone-Dobin	Energy	2026	noahsd26@gmail.com	nvs5803@psu.edu	610-329-1900
George Quarrantey	Healthcare	2026	quarranteygeorge@gmail.com	gfg5008@psu.edu	862-281-5926
John (Jack) Condran	Healthcare	2026	jackcondran8@gmail.com	jmc8960@psu.edu	610-608-1875
Caleb Binford	Industrials	2025	21cbinford@gmail.com	cjb7034@psu.edu	570-529-2630
James MacDonald	Industrials	2025	jamesmac471@gmail.com	jlm7972@psu.edu	443-775-0663
Sid Sharma	Information Technology	2026	sharma.sid.2004@gmail.com	sms9507@psu.edu	913-601-0495
Jayden Golden	Information Technology	2026	golden.jayden4@gmail.com	jvg6168@psu.edu	808-476-9019
Lulu Douglas	Materials	2026	lulu.douglas25@gmail.com	lrd5346@psu.edu	508-850-5041
Alex Kornblatt	Materials	2026	atkorn15@gmail.com	atk5368@psu.edu	610-334-5828
Terrance (TJ) McCoy	Media & Communications	2025	terrance.j.mccoy1@gmail.com	tfm5387@psu.edu	484-795-8044
Madi Hunter	REGAL-FIG	2026	madelinehunter13@gmail.com	mnh5290@psu.edu	814-769-3603
Ben Petrulis	REGAL-FIG	2026	benpetrulis@gmail.com	bpp5339@psu.edu	610-235-9068

