

OUR 400M BASE PHILOSOPHY

# \* YEAR 1 = WHO I THOUGHT I WOULD BE





# \* YEAR 2 = OPPORTUNITY & A LIFELONG ADDICTION



# \* SECRET TO SWEED



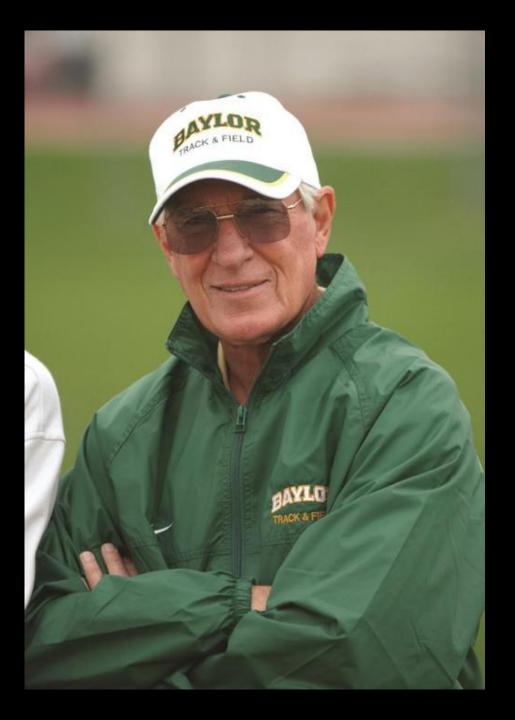
"THERE HAS NEVER BEEN A DONKEY WIN THE KENTUCKY DERBY. THE FAST-TWITCH FIBER IS THERE AND ALWAYS HAS BEEN. WE DO NOT GIVE IT TO THEM."

CLYDE HART, BAYLOR





# \* COACHING GREAT DNA



"MIDDLE SCHOOL & HS COACHES ARE LIKE MINING PROSPECTORS LOOKING FOR GEMS. COLLEGE COACHES ARE JEWELERS."

"THE ONLY THING WORSE THAN NOT HAVING A COACH IS HAVING A BAD COACH."

CLYDE HART, BAYLOR

# \* WHAT THE BEST DO (OR SHOULD...)



# LEVEL 1 SCHOOL





















PERSONAL RECORD: 47.20

TRAINING AGE: 3

CHRONOLOGICAL AGE: 18

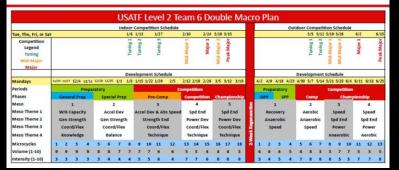
HEIGHT: 6'0.5"

WEIGHT: 170 LBS.

INDOOR SEASON: JANUARY 15-MARCH 15

OUTDOOR SEASON: MARCH 20 - LATE JUNE







	IND	OOR SEASON 18 WEEKS		OUTE	OOR SEASON 13 WEEKS
PHASE	WEEKS	THEMES	PHASE	WEEKS	THEMES
		GENERAL (WRK CAP, GEN. STR, COND, FLEX, KNOWLEDGE)		2	GENERAL (RECOVERY, ANAEROBIC, SPEED)
		SPECIAL PREP (Accel Dev, Gen Str, Coord/Balance)			SPECIAL PREP (RECOVERY, ANAEROBIC, SPEED)
	4	PRE-COMPETITION (Acc Dev, ABS SPD, STR END, COORD/FLEX, TECH)			COMPETITION (AEROBIC, ANAEROBIC, SPEED)
		COMPETITION (Sp End, PowDev, Coord/Flex, Technique)			CHAMPIONSHIP (SPEED, SP. END, POWER, AEROBIC)
		CHAMPIONSHIP Sp.End. Powdey, Coord/Flex, Technique)			



## MAY 28-JUNE 3 COMPETITION PHASE (NEXT TO LAST MEET)

MON	TUES	WED	THURS	FRI	SAT	SUN
HIGH CNS WARM-UP 6x60M FLIES @ 90% FULL REC. 5x30M CROUCH @ 90% FULL REC. COOLDOWN ICE BATH	GENERAL WARM-UP LT. WGT. WORKOUT GENERAL STRENGTH CORE STABILITY COOLDOWN	HIGH CNS WARM-UP 2x30-60-90. @ 85% 5 MIN B/SETS OLYMPIC LIFTS LIGHT WGT. COOLDOWN MASSAGE	HIGH CNS WARM-UP RACE PREP SPRINTS/ RELAYS BLOCK WORK COOLDOWN	COMP PRELIMS	COMP FINALS	FULL REC.

# \* REAL SECRET— YOU ARE NOT DOING IT WRONG

# SO WHAT EVENTS DO NOT REQUIRE ENDURANCE?



Categorization of Methods and Means

Here is an example of how energy system components can be categorized for planning.

		Component and		Percent	Rest		based	on bes	st race	r session distan		
Common Terminology	Length of	Description of Objective	Energy System	of Best	Interval Between		n200 m	100m	Н	400n		v.
	Run			Mark	Reps / Sets	Min.	Max.	Min.	Max.	Min.	Max.	
Extensive	>200m	Aerobic Capacity (AC)	AEROBIC	<69%	<45" / <2'	1400	3000	1800	3000	2400	4000	
Tempo	>100m	Aerobic Power [AP]	AEROBIC	70-79%	30"-90"/2-3"	1400	1800	1800	2400	1800	3000	
Intensive Tempo	>80m	Lactacid Capacity [LCAP] Anaerobic Capacity	MIXED AER./ANAER	80-89%	30"-5' / 3-10'	800	1800	800	2000	1000	2800	
Speed	20-80m	Speed [S] Anaerobic Power Alactacid Strength	ANAEROBIC ALACTIC	90-95% 95-100%	3-5' / 6-8' 3-5' / 6-8'	300 300	800 500	300	800 600	300 300	900 600	
	30-80m	Alactic Short Speed End. [ASSE] Anaerobic Power Alactacid Capacity	ANAEROBIC ALACTIC	90-95% 95-100%	1-2' / 5-7' 2-3' / 7-10'	300 300	800 800	300 300	800 800	600 600	1200 1200	
		Glycolytic Short Speed End	<del> </del>									
Speed Endurance	<80m	[GSSE] Anaerobic Capacity Anaerobic Power Lactacid Capacity	ANAEROBIC GLYCOLYTIC	90-95% 95-100%	1' / 3-4' 1' / 4'	300 300	800 800		800 800	600 600	1200 1200	
	80-150m	Speed Endurance [SE] Anaerobic Power Lactacid Strength	ANAEROBIC GLYCOLYTIC	90-95% 95-100%	5-6' 6-10'	300 300	900 600	600 300	1200 600	400 400	1000 800	
Special Endurance I	150-300m	Long Speed End. [LSE]  Anaerobic Power	ANAEROBIC GLYCOLYTIC	90-95% 95-100%	10-12' 12-15'	600 300	900 900	600 300	1200 1000	600 300	1200 1000	
Special Endurance II	300-600m	Lactacid Power [LAP] Lactic Acid Tolerance	LACTIC ACID TOLERANCE	90-95% 95-100%	15-20' FULL	600 300	900 600	600 300	1200 600	900 300	1200 900	

## Categorization of Methods and Means

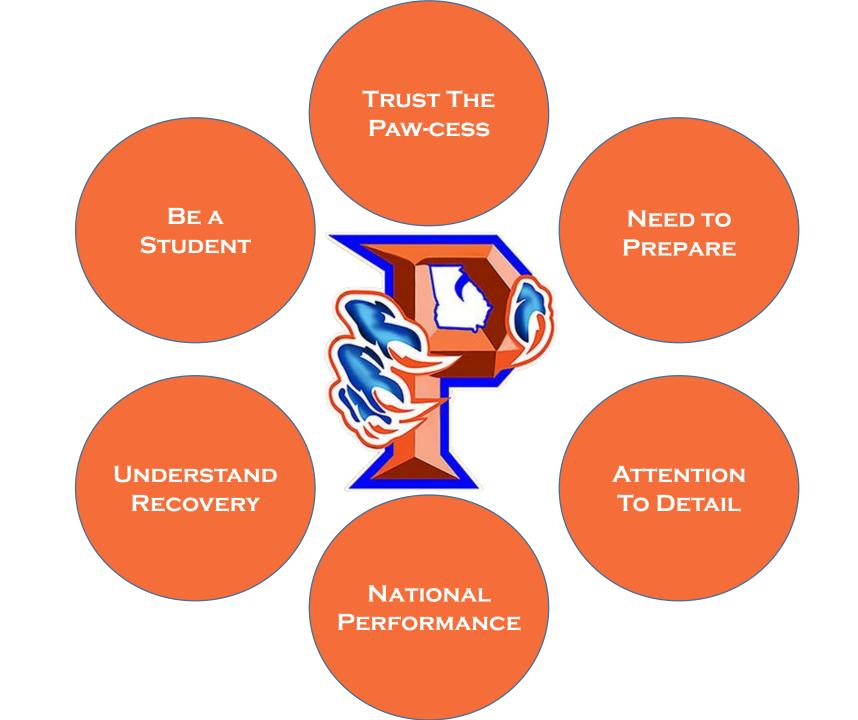
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Common Terminology	Length	Component and Description of Objective	Energy System	Percent of Best	Rest Interval Between	100 m	Volum based 1200 m	on bes			ce.	
reminology	Run	Objective	System	Mark	Reps / Sets	Min.	Max.	Min.	Max.	Min.	Max.	
Extensive Tempo	>200m >100m	Aerobic Capacity (AC)  Aerobic Power [AP]	AEROBIC AEROBIC	<69% 70-79%	<45" / <2' 30"-90"/2-3'	1400 1400	3000 1800	1800	3000 2400			
Intensive Tempo	>80m	Lactacid Capacity [LCAP] Anaerobic Capacity	MIXED AER./ANAER.	80-89%	30"-5' / 3-10'	800	1800	800	2000	1000	2800	
Speed	20-80m	Speed [S] Anaerobic Power Alactacid Strength	ANAEROBIC ALACTIC	90-95% 95-100%	3-5' / 6-8' 3-5' / 6-8'	300 300	800 500	300 300	800 600	300 300	900 600	
	30-80m	Alactic Short Speed End. [ASSE] Anaerobic Power Alactacid Capacity	ANAEROBIC ALACTIC	90-95% 95-100%	1-2' / 5-7' 2-3' / 7-10'	300 300	800 800	300 300	800 800	600 600	1200 1200	
		Glycolytic Short Speed End				8 8						

Speed Endurance	<80m	[GSSE] Anaerobic Capacity Anaerobic Power Lactacid Capacity	ANAEROBIC GLYCOLYTIC	90-95% 95-100%	1' / 3-4' 1' / 4'	300 300	800 800	300 300	800 800	600 600	1200 1200	
	80-150m	Speed Endurance [SE] Anaerobic Power Lactacid Strength	ANAEROBIC GLYCOLYTIC	90-95% 95-100%	5-6' 6-10'	300 300	900 600	600 300	1200 600	400 400	1000 800	
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Special Endurance II	300-600m	Lactacid Power [LAP] Lactic Acid Tolerance	LACTIC ACID TOLERANCE	90-95% 95-100%	15-20' FULL	600 300	900 600	600 300	1200 600	900 300	1200 900	

# CHARTS FOR ENERGY SYSTEM 62% ANAEROBIC

38% AEROBIC





Coach Edwards Coach Henson 4 PHASE WORKOUT (STATE) 5 PHASE WORKOUT (NATIONAL) The warm up and cool-down will the same each day unless noted in the workout.

Phase	Begin	End
Conditioning	1.14.2019	2.10.2019
Tempo Speed Intro	2.11.2019	3.24.2019
Full Speed Endurance	3.25.2019	4.21.2019
Race Prep/Qualifying	4.22.2019	5.10.2019
National Championship	5.20.2019	6.13.2019



		JA	NU	ARY					FE	BRU	JAR	Υ				N	AR	СН					,	APR	IL						MA`	Y						JUN	E		
M	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	М	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S
	1	2	3	4	5	6					1	2	3					1	2	3	1	2	3	4	5	6	7			1	2	3	4	5						1	2
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31	29	30						27	28	29	30	31			24	25	26	27	28	29	30
			JUL	Υ					A	UGL	JST					SEP	TE/	ΛВΕ	R				00	TO	BER	2				NO	VΕΝ	\BE	R				DE	CEN	BE	R	
M	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	M	Т	W	Т	F	S	S	Μ	Т	W	Т	F	S	S
1	2	3	4	5	6	7				1	2	3	4							1		1	2	3	4	5	6					1	2	3							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
00	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	25	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
22																		a <b>-</b>		0.0				0.4				25	0.0	a =		0.0	0.0							20	90
29	30	31					26	27	28	29	30	31	23	23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29



# "STOP PUTTING %'S ON WORKOUTS."



GABE SANDERS

STANFORD

## "Avoid the Hell weeks..." Phase

Dec. 10	11	12	13	14
4x600m@ 60% 4X300m@ 75% 2 min rest rep 5 min rest per set	TEAM MEEETING 2:30 PM Multi-Purpose Room	4 x 4 200m @ 75% 2 min rest per rep 4 in rest per set	Recovery	10 x 100m runs on grass 1 min rest
17	18	19	20	21
4 x500m @60% 5x 300m 70% 2 min rest per rep 3 min rest per set	Recovery	4 x400 70% 5x 100 80% 2 min rest per rep 3 min rest per set	Recovery	2 x 5 x 200m @60% 30 sec rest Form and tempo
24	25	26	27	28
4x600m @ 60% 4X300m@ 75% 2 min rest rep 5 min rest per set	6-8 150m @65% Jog recovery 150m Walk 100m	4 x 500m@60% 4 X 300m @ 60% 2 min rest per set 5 min rest per set	Recovery	10 x 100m runs on grass 1 min rest
31	Jan. 1	Jan. 2	Jan. 3	Jan. 4
Off	Off	Off	$1^{ m st}$ Day of School ${ m Off}$	2 <sup>nd</sup> Day of School Off

## **GENERAL CONDITIONING PHASE**

<b>JAN.</b> 7	8	9	10	11
EVALS	PHYSICALS 6 PM New Gym Lobby	EVALS	Family Night	OFF FOR CLINIC
JAN. 14	15	16	17	18
4x600m @ 60% 4X300m@ 75% 2 min rest rep 5 min rest per set	Recovery & Plyos	4 x 4 x 200m @ 75% 2 min rest per rep 4 in rest per set	Recovery & Plyos	10 x 100m runs On grass 1 min rest
21 HOLIDAY	22	23	24	25
4 x500m @ 60% 5x 300m@ 70% 2 min rest per rep 3 min rest per set	Recovery & Plyos	4 x400m 70% 5x 100m 80% 2 min rest per rep 3 min rest per set	Recovery & Plyos	2 x 5 x 200m @60% 30 sec rest Form and Tempo
28	29	30	31	1
4x600m @ 60% 4X300m@ 75% 2 min rest rep 5 min rest per set	6-8 150m @65% Jog recovery 150m Walk 100m	4 x 500m @60% 4 X 300m @ 60% 2 min rest per set 5 min rest per set	Recovery & Blockwork/Relays	10 x 100 Meter runs On grass 1 min rest
4	5	6	7	8
Test Day 300m 150m	2 x 3 x 300m @ 75% 2 min rest per rep 4 min rest per set	10 x 100m runs On grass 1 min rest	Recovery & Blockwork/Relays	Test Day 55 seconds 45 seconds

During this Phase we will use the warmup to enhance the conditioning process.

There should be little rest and cut down on down time during the practice session.



"DON'T ASK ME FOR
400M WORKOUTS IF
YOU ARE NOT
TRAINING WITH ME."
ANTONIO MCKAY

- \* LAST WEEK
- **\*YESTERDAY**
- **\* TOMORROW**

## TEMPO SPEED INTRO PHASE

FEB 11	12	13	14	15
6 x 400m @75% 4 min rest	Recovery and Plyos Blockwork/Relays	2 x300m-200m-100m-50m 85% Walk 100m rest 5 min between sets 20	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays	6 x 500m @ 60% 4 Min Rest
	19			22
3 x 4 x 200m @ 85% 3 min rest per rep 4 min rest per set	Recovery and Plyos Blockwork/Relays	6 x 150m @ 90% 10 min rest Block work	6-8 x 600m No time Form & Tech 1 min rest	Recovery Blockwork/Relays
25	26	27	28	March 1
2 x300m-200m-100m-50m 90% Walk 100m rest 5 min between sets	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays	6 x 400m @75% 4 min rest	Recovery Blockwork/Relays	Race Day Test Day
4	5	6	7	8
4 x 500m @ 85% 4 min rest per rep	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays	1 x 350m-300m-250m-200m- 150m-100m @ 85% 150 walk rest b/w reps	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays
11	12	13	14	15
6-8 x 600m No time Form & Tech 1 min rest	2 x300m-200m-100m-50m 85% Walk 100m rest 5 min between sets	Recovery Blockwork/Relays	6 x 150m @ 90% 10 min rest Block work	Recovery 6 x 100 85% 50m walk rest Blockwork/Relays
18	19	20	21	22
6-8 x 600m No time Form & Tech 1 min rest	Recovery 6 x 100m @ 85% 50m walk rest Blockwork/Relays	3 x 4 x 200m @ 85% 3 min rest per rep 4 min rest per set	Recovery 4 x200@85% 50m walk rest Blockwork/Relays	Recovery Blockwork/Relays

Bold = Use this day as a day for your Speed Development for your 100/200 sprinters.

## FULL SPEED ENDURANCE PHASE

March 25	26	27	28	29 WORKDAY
6 x 400m @ 75% 4 min rest	2 x300m-200m-100m-50m @ 85% Walk 100m rest 5 min between sets	Recovery 6 x 100m@ 85% 50m walk rest Blockwork/Relays	Recovery Blockwork/Relays	WORK DAY
APRIL 1	2	3	4	5
6 X600m no time 4 Min Rest	Recovery and Plyos Blockwork/Relays	1 x 350m-300m-250m- 200m-150m-100m @ 70% 150m walk rest b/w reps	Recovery 4 x 200m@90% 50m walk rest Blockwork/Relays	10 x 100m runs On grass 1 min rest b/w
8	9	10	11	12
4 x 500m @ 70% Walk 200m for rest	Recovery 4 x 200m@ 85% 50m walk rest Blockwork/Relays	Race Prep Blockwork/Relays	2 x300m-200m-100m-50m @ 85% Walk 100m rest 5 min between sets	Race Prep Blockwork/Relays
15	16	17	18	19
Recovery 4 x 200m@ 85% 50m walk rest Blockwork/Relays	3 x 300m @ % Goal Post recovery 150m @ %	Race Prep Blockwork/Relays	Tempo Breakdown 400m-300m-200m-100m	Middle School Championship
22	23	24	25	26
6 X600m no time 4 Min Rest	Race Prep Blockwork/Relays	6 x 150m @ 90% 10 min rest Race Prep Blockwork/Relays	Region Championship	Sectionals Qualifiers Meeting

Bold = Use this day as a day for your Speed Development for your 100/200 sprinters

Spring Break Workout

## RACE PREP / QUALIFYING PHASE

April 29	30	May 1	2	3
1 x300m-200m-100m-50m	Recovery	6 x 150m @ 90%		
85%	4 x 200m@ 85%	10 min rest	Race Prep	Race Prep
Walk 100m rest	50m walk rest	Race Prep	Blockwork/Relays	Blockwork/Relays
5 min between sets	Blockwork/Relays	Blockwork/Relays		
May 6	7	8	9	10
Tempo Breakdown 400m-300m-200m-100m	Race Prep Blockwork/Relays	Race Prep Blockwork/Relays	State Qualifying	State Field Events
13	14	15	16	17

Bold = Use this day as a day for your Speed Development for your 100/200 sprinters.

# NATIONAL CHAMPIONSHIP PHASE (ELITE GROUP)

MAY 13	14	15	16	17
NO TRACK AT ALL-SPRING FOOTBALL				
20	21	22	23	24
FREE RINGS / NATIONAL RECORD-CHASING BEGINS				
27	28	29	30	31
3 x 300m @ % Goal Post recovery 150m @ %		Relay Work	Speed Maintenance Nothing over 60m Except stride-outs	
3	4	5	6	7
3 x 300m @ % Goal Post recovery 150m @ %		Relay Work	Speed Maintenance Nothing over 60m Except stride-outs	
10	11	12	13	14
Speed Maintenance Nothing over 60m Except stride-outs		Relay Work	Travel Warm-Up/Touches @ NC A&T	Outdoor Nationals In NC









- **31 NSAF ALL-AMERICANS**
- \* National Relay Champions
  - **SWEDISH MEDLEY**\*
  - 4x100m
  - 4x200m
- **4x100m State Champions** 
  - **\*** 2017\*
  - **\*** 2018\*
- **3** OF THE 2015-17 CREW
  - **ONE NEVER RAN BEFORE** 
    - TROY
  - OTHER WAS 12.62 FRESH
    - CUMBERLANDS
  - **ONE GOT FIRED AT REGION** 
    - **\*** No Idea

## 2018 MEN'S 7A STATE CHAMPIONS

2018 MEN'S SWEDISH MEDLEY NATIONAL CHAMPIONS



8 NSAF ALL-AMERICANS 2 USATF ALL-AMERICANS 3 USATF JR-OLYMPIANS

EMBRACE THE TRADITION, ESTABLISH YOUR LEGACY.

## 2018 Season Highlights

- SWEDISH MEDLEY NATIONAL CHAMPIONS (back to back/different team!)
- **8 NSAF All-Americans (only 2 returned from 2017; 6 new ones)**
- **2 USATF All-Americans (both returning)**
- **3 USATF Junior Olympians (all returning)**
- \*\* 7A Men's Team State Champions (most points scored in 7A history)
- **3** 4x100m Men's State Champions (back to back)
- **USTFCCCA Georgia Coach of the Year**
- SGATFXCCA Relays Coach of the Year (back to back)
- Atlanta Track Club All-Metro Coach of the Year
- Swinnett County Coach of the Year (back to back)
- **Solution** Gwinnett Daily Post Coach of the Year (back to back)
- **Region 7-7A Champions (back to back)**
- Region 7-7A Coach of the Year (back to back)
- Region 7-7A Runner of the Year (back to back—2 different athletes)
- Tegion 7-7A Field Event Athlete of the Year (back to back—same athlete)
- Swinnett County Runner of the Year (back to back—2 different athletes)
- **Gwinnett County Field Event Athlete of the Year**
- Swinnett Daily Post Runner of the Year (back to back—2 different athletes)
- Gwinnett Daily Post Field Event Athlete of the Year
- **™ Atlanta Track Club All-Metro 400m Runner of the Year**
- Atlanta Track Club All-Metro 4x100m Relay Team of the Year
- SAtlanta Track Club Bill Sheskey Outstanding Track Athlete Award/Scholarship

## 2017 Season Highlights

- **SWEDISH MEDLEY NATIONAL RECORD**
- **ॐ SWEDISH MEDLEY/4X100M/4X200M NATIONAL CHAMPIONS**
- **3 19 NSAF All-Americans**
- #4 Freshman in boys 400m & TJ at New Balance Nationals
- 🕾 4x100m Relay & 4x400m State Champions; two 400m/200m finalists / one 100m finalist
- **⊗ 7A State Runners-Up**

### 2015-16 Season Highlights

- 3 2016 800m Medley National Runners-Up
- 3 2016 State 4x100m Relay 3rd place; 4x400m 4th place; 400m 3rd place; team #10
- **PARADIGM SHIFT IN SPRINT TRAINING**
- 3 2015 400m State Champion (freshman);

- \* IT'S NOT JUST A JOB
- \* IT'S MORE THAN PASSION
- \* It's AN ADDICTION