

# "Training theory, not training certainty"

#### SCIENCE

- Biomechanics
- Physiology
- Physics
- Psychology
- Pedagogy
- Research based practices
- Medicine

#### ART

- Constant changes
- Dealing with Humans not cells
- Technique versus style
- Chef, Artist, Coach
- Communication
- Inspiration
- Goal setting, reaching
- Intuition

## What we want as coaches?

#### PHILOSOPHY

- Happy kids....young women & men
- Health development & lifestyle
- Safe
- Progression, improvement
- Track=Life learn to deal with your hurdles
- Reach YOUR potential
- TEAM player and leader

#### COACH=TEACHER



### How to succeed as coaches?

#### TALENT DETECTION (WHAT TO LOOK FOR)

- Biomechanical/ Anthropometrical parameters
- Physiological parameters
- Ethnicity/Race
- Coordination/Rhythm
- Multi sports background
- Look for, identify, make a connection. CARE!

- Hard working Ambitious
- Coachable
- Goal oriented
- Competitive
- Well liked by peers



## Why athletes are scared of Hurdles?

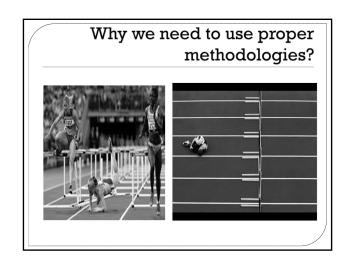


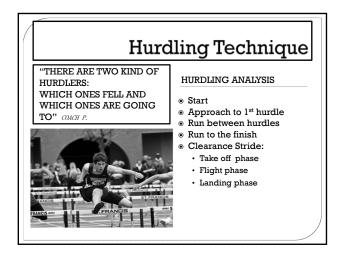


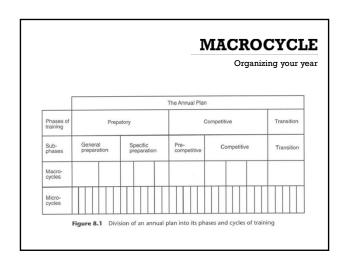
### 2017 HOKA SuperClinic

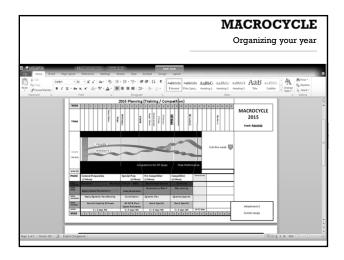
Martin Palavicini - Hurdles- Art, Science and What to Do

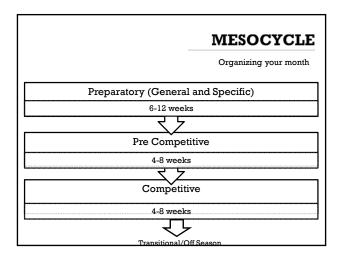








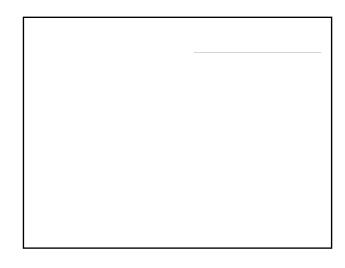


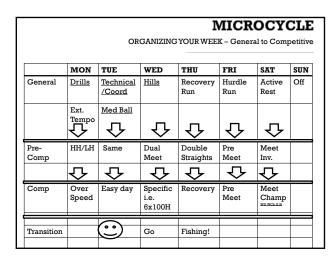


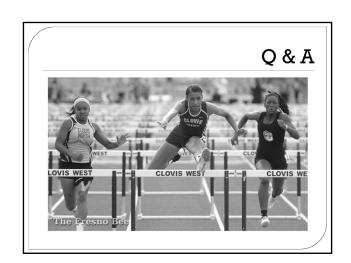
### 2017 HOKA SuperClinic

### Martin Palavicini - Hurdles- Art, Science and What to Do

MON	TUE	WED	THU	FRI	SAT	SUN
Warm up 5-2:35	wu	wu	wu	wu		
<u>Drills</u> 4:25-5:45	Technical /Coord 52:27-52:40 *Technical runs.MOV	Hills 1:24-1:40	Recovery	Hurdles Run Hurdles runHS Int		
Ext. Tempo	Med Ball 6:00-6:24					
Examples 6x300 3x500 8x200		6x300 6x(2x each) 3x(4x120)	Examples 20'-35' run 12 x grass Double str	6x 3H 10x diag w/H		
Cool Down	Cool Down	Cool Down		Cool Down		







# Results (Girls)

- Alyssa Monteverde (2011)13.89 41.90
   Lyndsey Lopes (2014)14.18 43.67
- Anginae Monteverde (2011) 14.45
   Jen Melton (2009) 15.00 46.62

- Jen Melton (2009) 15.00 46.62
  Jayla Laidley (2010) 15.28 44.61
  Damaris Hamilton (2015) 15.74 45.58
  Taryn McDonald (2012) 15.79
  Serenity Scott (2012) 15.84 45.68
  Frankie Gale (2008) 15.21-46.00
  Felicitas (2009) 14.56
  Paris Turner (2012) 15.90 45.93
  Brynley Bower (2016) 15.59
  Shelby Noble (2016) 15.97

# Results (Boys)

- Bryant Washington (2005) 14.22 39.81
  Jon Funch (2008) 14.81
  Dot Olubeku (2010) 14.87
  Jake Talley (2011) 15.29 38.76
  Thomas Pickering (2004) 15.69
  Boris Beta (2005) 15.24 39.07
  Kregg Kreggal (2004) 39.81
  Anthony Soliz (2006) 15.22 39.78
  Stophore Paige (2002) 14.90, 39.80

- Stephone Paige (2002) 14.90 39.80
  Nick Wilcots (2015) 15.67
- Trevor Groom (2014)15.16 Thomas Luconi (2015) 15.90
- Nate Foster (2016) 15.72 40.21
- Trevor Santos (2016) 15.97

### 2017 HOKA SuperClinic

## Martin Palavicini - Hurdles- Art, Science and What to Do

# **Quotes for Hurdlers**

- "The key thing in the hurdles is that it's a development event. You might not do a damn thing one year, and then things just click. You really can't discount athletes who may not stand out immediately. It may take two or three years for an athlete to develop." -Kevin Young
- "Everybody who runs the 400 hurdles should be able to alternate [lead legs]. You should be able to get to the hurdle and make up your mind. Bottom line is, you have to be prepared." -Kevin Young
- Fall seven times, stand up eight".
- If I have a good piano player and I want to make him great, I must add something.
   He is not an artist yet, not until everything becomes automatic..."
   -Alessandro Calvesi

REMEMBER: There are two kind of Hurdlers the ones that fell and the ones that are going to!
-Martin Palavicini

## References

- ARYTSHERKO, A. (1971): Zeischen den Hdrden gehf es um die Sekunde. In: Die Lehre der Leichtsthletik 12. p.418.
   BAUERSPEL A.-H. (Berlin. 1986): In: SCHROTER. G.: Grundlegen dee Leichsthletik, 3rd ed.
- GRALKA. H. (1982): Zum Startproblem im 110m Hurdenlauf. In: Die Lehre der Leschtathletik 7, p. 188.

- CAMBETTA, V. HILL, D. (West point, NY. 1981); Hurdling. In: GAMBETTA, V. (ed.); Their and field coaching manual, pp. 72-48.

  IAJAF Rocdemy Lewel S Eline Coach Notes and Handouts. Chula Vista, 2014.

  EAVEEN, W., SCHISTNI, B. (1982); Modellimerizmake des 110-m-Hurdenlaufs.

  DAV-18 ib. pp. 21-52 and 20, 244.
- MCINNIS, A. (1982): A feminine approach to the first hurdle Cinematographic analysis of biomechanical variables. In: Track & Field Quart. Review 2, pp. 3941
- SCHMOLINSKY, G. (1999): Untersuchungen Ober den Geschwindigkeitsverlauf im 11 0m-Hurdenlauf der Manner. In: Theorie und Praxis der Korperkultur 3, p. 2016
- SUSANKA, P. et al. (1988): Time analysis of the sprint hurdle events at the II World Championships in Athletics. In: NSA III, 2, pp. 5 1-74.

- World Champoonings in Athletics. In: NSA III., 2, pp. 3-1-74.

  TDOW, G. (1882): Zulir Polishine in Galbecheslinevalessimmin in dischalashinischen) Mehrkampfin. Leistungssport 3, pp. 191-206.

  TDOW, G. As for the harving specific benshilty. In: ERUGGMANN, G.-P.; RUHL, I. (Eds.) (Sol.) 1909; Techniques in Ablatics. The First International Confessions—Confession, F-9) into 1900. Confessions—Concendings Volume II, pp. 431-438.

- Consessed Cologine, 2-9 julies 1970. Contenents Proceedings Visione II, pp. 61–149.

  IMATY Conclude Discontine Nevel 2 Propries Combined Powers, Novel & Lectruse, Indianapolis, 2014.

  ISOC Desegging Disc Conclude Course Nove and Handware, Charles Clinton. Chaile Visio, 2006.

  UNIFOCOS Symposium in Combined Fowers, Reports from Cliff Service and Reside Light, Amonton, 2006.

  WIEEE, R. (2014) Junior Eline Althéres Physiological Characteristics and Training Considerations. MAT W

