









USA Hockey and the National Hockey League have a mutual interest in the development of American hockey players. We are making an investment in the future.





## **Partial Reference List**

**National Hockey League** 

U.S. NGB's

### **LTAD Expert Group**

- Istvan Balyi, M.A., Pacific Sport Canadian Sport Centre Vancouver
- Charles Cardinal, M.Sc en Activité Physique, Canadian Sport Centre, Montreal
- Colin Higgs, Ph.D., Memorial University of Newfoundland
- Steve Norris, Ph.D., Canadian Sport Centre, Calgary
- Richard Way, MBA, Pacific Sport Canadian Sport Centre Victoria
- Mary Bluechardt, Ph.D., Memorial University of Newfoundland

National Hockey Federations – SWE, FIN, CZE, CAN

**UK Sport** 

**Australian Sports Commission** 

**Pacific Sport** 

**Canadian Sport for Life** 

Hockey Canada Branches - BC Amateur Hockey, Hockey Quebec



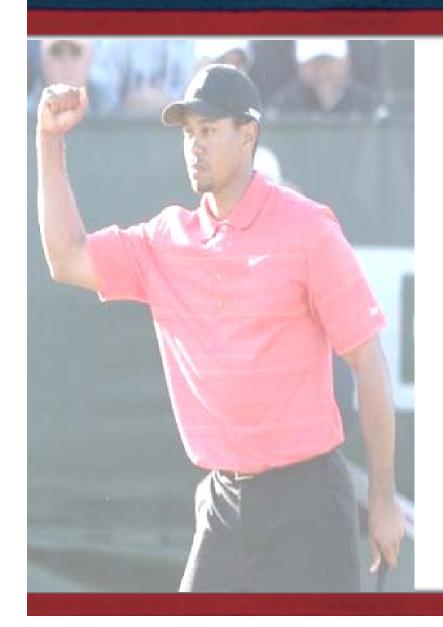


### The Role of ADM:

- Provide guidelines, standards and structure
- Not to create mandates but incentives
- Circulate best practices
- Create venue for two-way communication
- Address LTAD principles
- Better service individual clubs, teams and players with ADM Regional Managers







"The habits we develop in becoming good are often the ones that prevent us from becoming great"

- Tiger Woods





# Where we are now...Same as most sports

Young athletes under-train, over-compete.

Adult competition superimposed on young athletes.

Training in early years focuses on outcomes (winning) rather than processes (optimal training).

Chronological age dominates training rather than biological age.

The "critical" or "sensitive" periods of accelerated adaptation to training are not utilized

Under development between 6-16 years cannot be fully overcome (athletes will never reach genetic potential).

The best coaches are encouraged to work at elite level. (CEP Level 4-5)

Limited coaching education provided to those working at the youngest age groups. (CEP Level 1)

Parent's education is neglected with regards to long-term athlete development (nutrition, regeneration, maturation and psycho-social development, etc...)

Lack of the integration of sport science, sport medicine and sport-specific technical-tactical activities





# **Youth Hockey Facts:**

## **Declining Retention**

- Retention of critical youth players has been in decline since 2000
- 20%+ only play one season before dropping out (MA 40%)
- 43% of players drop out by age 9
- 60% of players drop out before Peewees (11-12)

























# Currently we draft players at the age of 9







# Squirt AAA Squirt AA Squirt A House/Rec













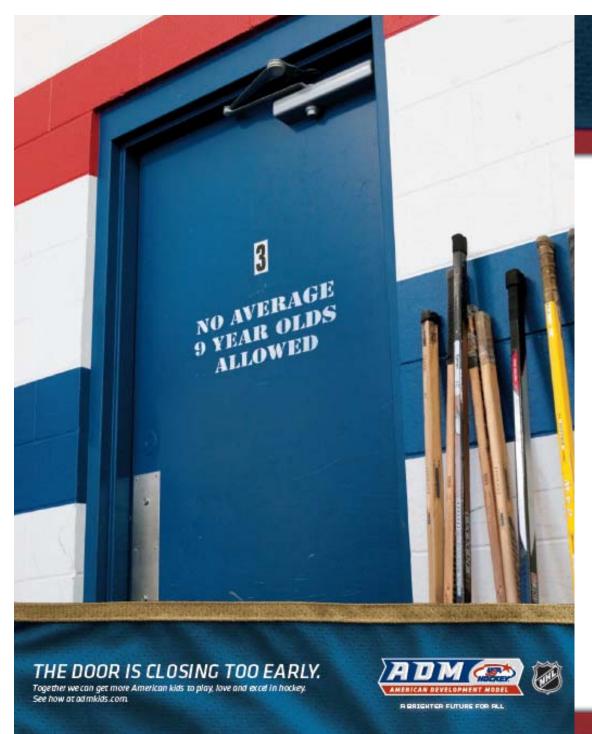


# Mid West Elite Hockey League

Squirt AAA (10U), Illinois – Translates to Midget AAA (16U)

- Average Year (2001) 63 Squirts on 4 Tier 1 Teams
- 40 Still play hockey 63.5%
- 23 Are out of hockey 36.5%
- 8 Continue to play at advanced level 12.7%

90%+ of the Midget AAA players in Illinois took a different path 81% of current MWEHL born in first half of the year (2008-09)





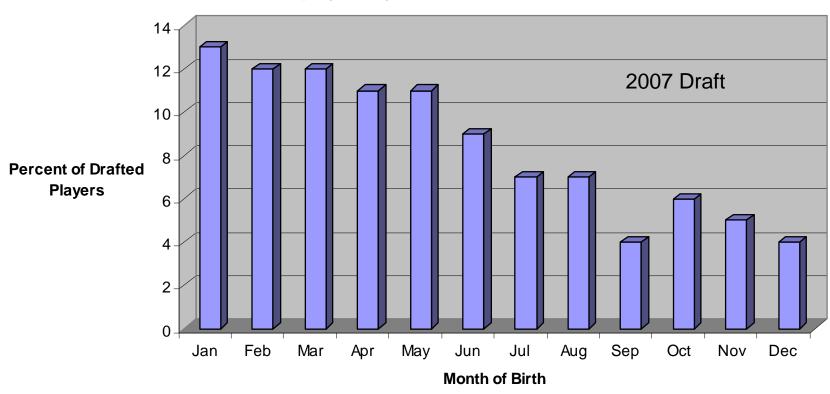
# What does our structure really develop?





# How Much Talent Has Our System Eliminated by 16?

Drafted players by OHL, WHL and QMJHL







# Games vs. Practices (10 & Under)

### **Game** 60 minute game / 2 teams

- = 5 minute WARM UP
- = 15 minutes of stop time
- = 35 minutes / 2 lines
- = 17.5 minutes / 10 athletes



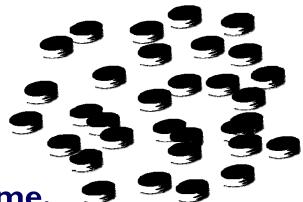
### Practice 60 minute ice time

5 minute WARM UP

5 minute COOL DOWN

5 minute EXPLAIN

= 40 minutes of "Puck" time.







### As an NGB where should we start?

# Win the gold

OR

# Learn fundamental movement and sports skills







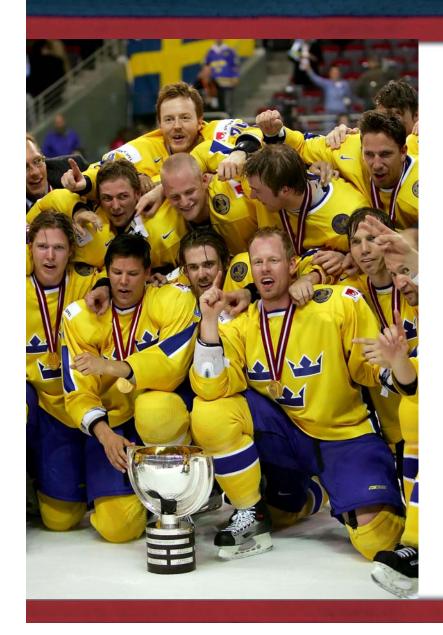
# NATIONAL TEAMS

1933 Men's WorldChampionship1960 Men's Olympic Gold1980 Men's Olympic Gold

1998 Women's Olympic Gold 2005, 2008, 2009 Women's World Championship







World & Olympic Champions Have Done This!

With 60,000 players

U.S. has 360,000+





# Opportunity to make positive changes...

...With the American Development Model and its Long-Term Athlete Development Principles (LTAD)





### What is LTAD?

Integrates training, competition and recovery programming with relation to biological development and maturation

Is participant/athlete centered, coach driven, and parents, officials, administration, sport medicine & sport science supported





# The 10 Key Factors Influencing LTAD

- I. FUNdamentals
- 2. Specialization
- 3. Ten year rule
- 4. Growth, Development, and Maturation
- 5. Trainability
- 6. Mental / Cognitive / Emotional Development
- 7. Periodization and Training Principles
- 8. System Alignment and Integration
- 9. The System of Competition
- 10. Continuous improvement





### 8 STAGES of LTAD (Ice Hockey)

Active Start Stage - FUNdamental movement skills

FUNdamental Stage - Developing ABC's

Learning to Train - Learning fundamental sports skills

Training to Train - Building the "engine" and consolidate sport skills

Learn to Compete - Optimizing "engine" and refine sport skills

Training to Compete - Optimizing "engine" and refine sport skills and performance

Training to Win - Maximizing "engine", skills and performance

**Hockey for Life** 

### Active Start 0-6

FUNdamentals
6 and Under Mites
8 and Under Mites

Learning to Train
10 and Under Squirt
12 and Under Peewee

Training to Train
14 and Under Bantams
16 and Under Midgets

Learning to Compete 18 and Under Midgets

Training to Compete Junior, NCAA

Training to Win 19+ Junior, NCAA, NHL

Hockey for Life





### The Foundation of ADM:

- Proven Success: Based on established LTAD principles.
   Foundation in basic physical education and child development
- Sports Science: Capitalize on windows of trainability. Develop athletes first, then hockey players.
- Child Development Professionals: Age-appropriate development both physically, mentally and socially.
- Actionable: Others are successfully using many of these principles.





# Why is ADM Important?

- New approach /philosophy towards improvement
- Cash-in on "Windows of Trainability"
- Means to facilitate optimal development of athletes
- Increase player retention
- Full sport system alignment and integration (stronger partnerships throughout sport system)
- We are Americans... Not just world class, but world leading!





# Land of the Free, Home of the Brave

- USA Hockey's Governing Structure
  - Governance at the District and Affiliate level
  - Free to implement rules that fit local area
  - "The game is different here"
- Facility based sport
  - Better business model
  - Partnership





# **Our Customers**

What do our customers really want?

Our best selling ice cream is chocolate!

What flavors do you sell?

**Chocolate!** 





# What can we do better? How we can improve?





# Starting point: What do Jack and Zach have in common?







# They both love to play.



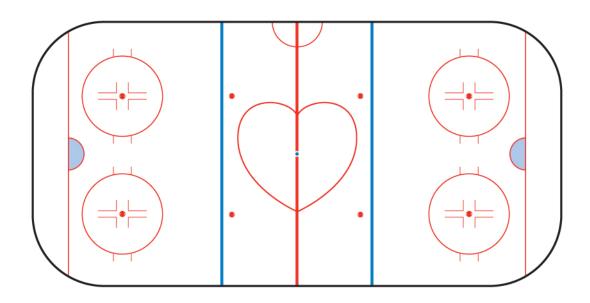




# Hockey's Simple Truth: If kids don't love it, they won't play it or excel at it.







Where's the love?







A BRIGHTER FUTURE FOR ALL

# Mission: Get more American kids to play, love and excel in hockey.





# **Building Blocks of ADM:**

**Play** 

Love

**Excel** 

(That's our mantra; our stop, drop and roll)





# Building Blocks of ADM: Play:

- Introduce skills
- Introduce athleticism
- Friendships begin
- Age appropriate training, practice
- Fun







# Building Blocks of ADM: Love:

- Develop skills
- Develop athleticism
- Develop friendships
- Age appropriate training, practice
- Fun







# Building Blocks of ADM: **Excel**:

- Focus
- Prioritize hockey among other activitie
- Friendships
- Competition becomes more important
- Mastery of skills
- Maintain the fun!







## How do you eat an elephant...

...one bite at a time.





### So what is the plan?

- Introduce a better structure
- Provide hands on assistance
- Incentivizes participation
- Educate, educate, educate





### **ADM - New Attitudes / Philosophies**

Someone is caring for each kid from 5 – 18 years old

- Not just trying to win this weekend
- 9 13 yrs are most critical for development

Players are members of the club, not just a team

Utilize best coaches and ice time better

- Best coaches train more players
- More players use each hour of ice





#### 8 & Under - Mites

'FUNdamentals' Stage

**Fundamental Movement Skills (FMS)** 

- A, B, C's Agility, Balance & Coordination
- Flexibility

**Optimal window is 'Speed 1'** 

agility, quickness, change of direction, <5 second intervals</p>

Off-ice training

■ 1x per week @ 30+ min, prior to practice (A, B, C's + Speed)

Play multiple sports – 25% hockey/ 75% other sports

Running, gymnastics, swimming, skiing, soccer

Divide players into top 1/3, middle 1/3, beginner 1/3

Large disparity at this age due to amounts time involved in hockey





#### 8 & Under - Mites

30 – 60 players each practice session

2-3 Ice sessions per week

50 min ice sessions

5 month's = 20 weeks per season

50 to 60 ice sessions for the season

Min 16 half-ice games & 34 practices

Max 20 half-ice games & 40 practices

9 to 13 players/team; no full time goalies





#### 10 & Under - Squirts

'Learning to Train' Stage

**Optimal window for training = 'Skills' (9-12 yrs)** 

motor coordination

**Learning Fundamental Sports Skills** 

Throwing, striking, kicking

Play multiple sports: 25% hockey, 25% fitness through sport, 50% other sports

Off-ice training

- 2x's / wk @ 30 40 min before or after practice
- Focus on athleticism & hockey skills

Small area games = decision making skills & FUN

Divide players into two halves: top ½, bottom ½





#### 10 & Under – Squirts

- 20 50 players per practice session
- 3 4 Ice sessions per week
- 60 min ice sessions
- 6 month season = 24 weeks
- 95 to 100 ice touches (70/30 ratio)
- 75 to 80 practices 20 to 25 games
  - intro of formal full-ice games
- 10-12 skaters & 1 goalie per team
  - Increases puck touches / participation/ development





#### 12 & Under - Peewee

'Learning To Train' stage

**Optimal window is 'Skills' (9-12 yrs)** 

Always trainable but significantly declines with age

**Learning Fundamental Sports Skills** 

Still individual development focused / not outcome

Play multiple sports: 30% hockey, 20% fitness through sport, 50% other sports

Keep the top level as broad as possible

- Allows better players greater success
- Pushes lesser players to emulate

All levels should receive same touches





#### 12 & Under – Peewee

4 Ice sessions per week

60 min ice sessions

7 month training and competition calendar

105 to 120 ice sessions (70/30 ratio)

80 to 90 practices

2-3 teams per session = 30 - 45 players

**30 to 35 games** 

Local geographic area

15 skaters & 2 goalies per team





MAKE SURE YOUR PLAYERS ARE WELL HYDRATED.

Together we can get more American kids to play, love and excel in hockey. See how at admkids.com.







## **High Performance Clubs (Model Clubs)**

Currently ~180+ clubs/teams playing Tier 1 at 16 & Under

Want to work 'hands-on' with a manageable number of clubs to 'lead-the-way' to achieve successful implementation of the ADM and LTAD principles... ESPECIALLY, at 8-12.

Partner with clubs that have been successful moving players to elite levels

Goal is to find 'partners' that are:

- Like minded in 'youth hockey' development
- Strong desire to help produce more elite players
- partner in growing the game (recruitment (new players), retention, age specific/ appropriate development & training)





## **High Performance Clubs (Model Clubs)**

More players in the game + having fun + age specific training = more ELITE players

We're looking for like-minded 'PARTNERS' to accomplish this goal.





## **High Performance Clubs – HPC's**

**National High Performance League** 

Teams at 18U, 16U, 15U, 14U and 13U

Appropriate structure for developmental ages - LTAD

**HPC** registration not team registration – Late DOB players

Regional play and national showcases

Team final at each level

Referee development

Increased coaching and club development

Player monitoring for LTAD stages and training

Take advantage of "optimal windows of trainability"

Proper periodization of training, competition and recovery





### **ADM - Developmental Program**

Appropriate structure for all levels of play within USAH based on current sports science

Broad base 12U, 10U and 8U program within the HPC's

Focus on athlete development

Player monitoring for LTAD stages and multi sport participation!

Increased coaching education for appropriate "windows of trainability" and age appropriateness

– a 9 year old is only 9 once!

Proper periodization of training, competition and recovery





#### Regional HP Off Season Training Program

Provides additional high performance training and education to players and coaches

Provides HPC interaction with National Team, Collegiate and Professional coaches

Adheres to LTAD periodization

10 year, 10,000 hour training principle at appropriate stage of development.





## 14 & Under to 16 & Under (HPC)

4-5 Ice touches per week

80 min ice sessions

9 month training and competition calendar

160 ice touches

120 to 130 practices

40 to 50 games

16 skaters & 2 goalies per team

**Showcase events** 

**Complimentary sports participation** 





## 18 & Under – Midget (HPC)

5-6 Ice touches per week

80 min ice sessions

10 month training & competition calendar

200 ice touches

130 to 140 practices

50 to 60 games

18 skaters & 2 goalies per team

**Showcase events** 

**Complimentary sports participation** 





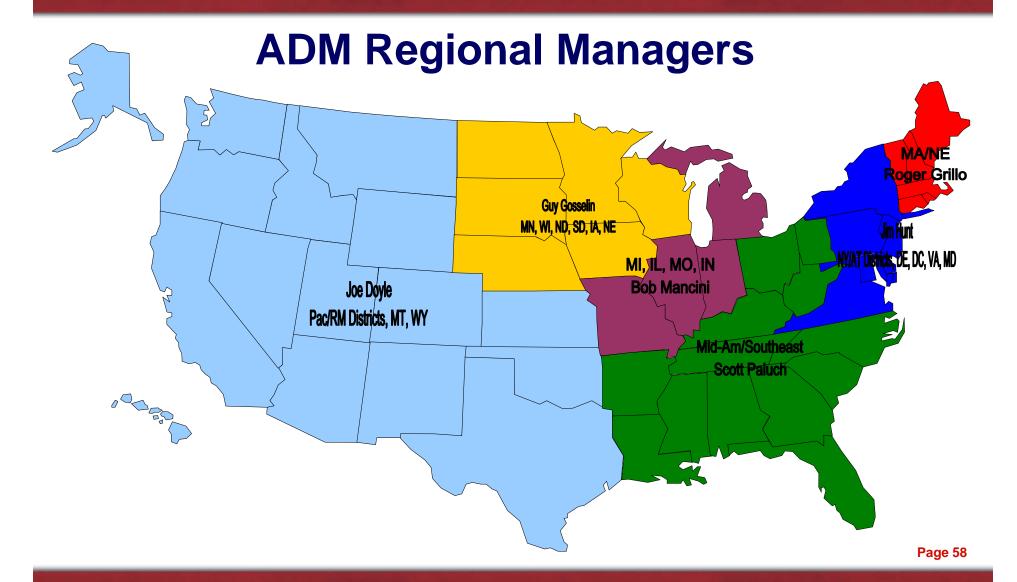
#### ADM - 'I Am Potential'

- Places emphasis on kid, not just the hockey player
- Illustrates hockey's role in overall child development
- Address age appropriateness
- Assist local associations in resource utilization
- Inviting and friendly for retention/acquisition













## **USA Hockey Magazine**



An NHL coach who helped create the it its of the ADM and the ability to make an impact on youth hockey." nent Program, A pair of highly respected Joe Dovle, a 20-year veteran of the United States Air Force with more And a decorated Air Force officer with than 35 years of experience with USA Hockey as a player, coach, evalue highest levels. ator and volunteer will oversee the Rocky Mountain and Pacific Districts. Bob Mancini, who spent the past two seasons as a development coach ng during his years as the recruiting

essive resume to the position

ns as the head coach at Brown

star at Royding Green State

work the Mid-Am and South-

I spent the last 20 years as a

Long-Term Athlete Development forming the founda eloping athletes. It inte-

Multiple

ision because of the me

for the Edmonton Oilers and has extensive coaching experience in the collegiate ranks and with USA Hockey, will oversee Michigan and parts of the Central and Mid-Am Districts.

"I'm thrilled to be back," said Mancini, one of the original coaches with the NTDP. "As much as I love the NHL and the Edmonton Oilers, this was too good an opportunity to be involved with.

"I believe in USA Hockey, and the ADM. I believe in making kids betin hockey," said Martel, who was ter and improving their environment. I really believe that this is a position where we can really make a difference.

Guy Gosselin, a member of the 1988 and 1992 U.S. Olympic Teams, will lend his considerable expertise to coaches in Minnesota, the Dakond the country. He is hoping to tas and Wisconsin. He has extensive experience working at both the n the coming weeks. Each mem- youth hockey and collegiate levels, and has worked in the rink industry in suburban Milwaukee.

The final regional manager is slated to work with the New York and Atlantic Districts, While no timetable has been set. Martel is working hard to narrow down a list of candidates in hopes of filling the position nal managerforNew England as quickly as possible.

hockey-playing nation if this were put in place 10 years ago. We feel like we're taking baby steps, but getting things done takes time."



Off-Ice 0



Q Quantity
A basic principle o spends on the ice, mainly

SEPTEMBER 2009 USAHOCKEYMAGAZINE.COM 27

#### DM: AMERICAN DEVELOPMENT MODEL

a nationwide initiative designed to provide local associthe country with a blueprint for optimal athlete developes on age-appropriate training using time-tested long-term

tages, the ADM will focus its attention at the youngest ng more cross-ice hockey practices and games that will ag more cross-use rockey precioes and game one ser skills and make the game more fun, while cutting mpetitive side of the sport that has made hockey more

ally, we found that what's good for the pocketbook is any, we round that what a good for the pocketoor is players. It's cross-ice hockey, which means more kids it of ice and less travel," said Martel.

to understand what this program is all about, it not th them from the developmental aspect, but economprogram is not sacrificing their child's development, ing it. They're getting the best of both worlds." mg is they regetting the best of both works. nagers will help deliver information to grass-roots

area as well as provide assistance to coaches and in local associations that will help them run pracact as mentors for coaches in their area.

"I see my job as a support role, an educational role," said Mancini. "I'm hoping to lend my expertise to help coach the coaches and educate the parents. I'm here to do whatever the people in the



while providing support to those programs enthusias-tically embracing what has been hailed as a revolution ary way of developing more skilled players at all

"Our goals are to reach as

many associations as

quickly as possible and to

spread the word of the ADM and get them to understand

the ments of the ADM and

implement it so kids can

start benefitting from it,"

With the start of a new

season quickly approach-

ing, the ADM team has a lot

to do to win over the hearts

and minds of skeptics.

added Paluch

"There will be people within the business of youth hockey who don't there will be people within the ovaries or youth noticely who don't buy in, no matter what we do," said Martel. "If we can start off affecting out in, no matter what we do, said matter. If we can seen on amounts 10 percent in a positive way, that'll be 10 percent of our hockey playing population that will be better off, and become better players. 

O



adopt the principles of the ADM

26 USA HOCKEY MAGAZINE SEPTEMBER 2001

MISSION

**ASSOCIATIONS** 

COACHES

**PARENTS** 





"My hockey hero is my mom.

She spends more time at the rink
than anybody I know. Her motto
is 'You Can Do It.' She says hockey
teaches me that."

The American Development Model (ADM) provides age-appropriate guidelines and curriculum to hockey associations across America to help more kids play, love and excel in hockey. Brought to you by USA Hockey, in partnership with the NHL.

»» ADM Overview »» ABC's of ADM

#### Let's build a brighter future for kids and hockey.

#### GUY GOSSELIN HIRED AS ADM REGIONAL MANAGER

Posted in Uncategorized | August 13, 2009

Guy Gosselin, a two-time U.S. Olympian and member of three U.S. Men's National Teams, has been named a regional manager of USA Hockey's American Development Model, it was announced today by USA Hockey. "Guy is another strong addition to our staff of regional managers," said Ken Martel, director of USA Hockey's American Development Model. "He brings [...]

»» Read More

>>> Visit ADM Blog



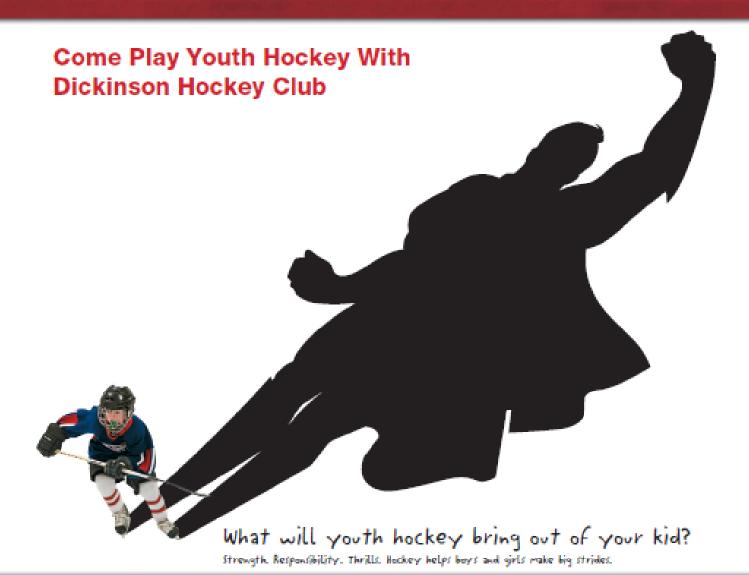




## **Growth Department – Program Services**

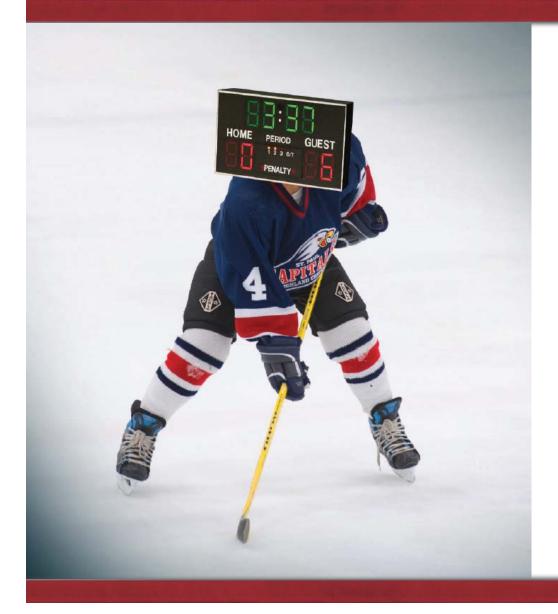
- Assist local associations with growth initiatives
- Local association administration training
- Association 'best practices'
- Partner with NHL, AHL, ECHL, NCAA fan development











## Don't lose sight of the kid







# Don't forget to let them play









#### **ADM Theme: A BRIGHTER FUTURE FOR ALL**

- All Kids
- All Associations and coaches
- All across the USA
- All Levels of play from Mite to the NHL







It's a new day for hockey.