Notre Dame Women's Cross Country/

# Middle Distance \& Distance Training 

## Tim Connelly

Women's Cross Country and
Assistant M\&W Track Coach


## Training based upon:

- Sound physiological principles Stress-Recovery-Adaptation/Super-compensation
- Experience
- Common sense
- Individual needs, strengths, weaknesses, etc.
- Necessity- sometimes you just need to do what works
- Stay HEALTHY
- Structured but not "rigid"- Have a plan but adjust as need
- Always keep in mind that ultimately we are "training to race" and not "training to have impressive training logs"
- Most are "borrowed" ideas (many from people here)always be willing to learn and adapt


## I. Summer Preparation

- A. Important to begin summer training with break following end of Track season. When summer training begins based on length of track season
- B. Emphasis on CONSISTENCY and GRADUAL PROGRESSION
- C. Each athlete given own schedule to increase both volume and intensity of training load gradually throughout summer
- D. Mileage goals and paces are based on what they have done in the past and long term progression. Conservative with younger runners.
- E. Once near $100 \%$ volume, will add more intense running to weekly schedule (tempo runs, fartlek, hill repeats).
- F. Goal is to be ready to TRAIN well when get to school at end of August, not to be in peak racing shape.
- G. Encouraged to run with others (guys) regularly so as not to get too comfortable and develop a false sense of fitness.
- H. Lots of emphasis placed on communication, both within the team and with coach to create team atmosphere even before they arrive on campus. Letters, emails, phone calls, texts.
- I. Emphasis on TEAM GOALS vs. Individual Goals throughout summer


| Week \# 7 <br> July 15-21 | 6-7 days | $90 \%$ of goal mileage | 100\% of long run | 9 mins at short tempo pace |  | 4-6x Hill Repeat Continue to include hills in daily runs | 8 sets $x$ $\{90 "$ <br> HARD/ $90 "$ EASY $\}$ | $6 \times 100 \mathrm{~m}$ | as needed |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Week \# 8 <br> July 22-28 | 6-7 days | 90-100\% of goal mileage | 100\% of long run |  | 3 miles at Long Tempo Pace | Include hills in distance runs and fartleks | 60" SURGES every 5' mins after $15^{\prime}$ ' WU | $8 \times 100 \mathrm{~m}$ | up to $4 \times$ per week |
| Week \# 9 <br> July 29-August 4 | 6-7 days | $100 \%$ of goal mileage | 100\% of long run | 12 mins at short tempo pace |  | $8-10 \times$ Hill Repeat | 6-8 sets $x$ HARD/2' EASY $\}$ | $8 \times 100 \mathrm{~m}$ | up to $4 x$ per week |
| Week \# 10 <br> August 5-11 | 6-7 days | $100 \%$ of goal mileage | $100 \%$ of long run |  | 4 miles at Long Tempo Pace | Include Hills in distance runs and fartleks | 75" SURGES every 5' after 15 ' WU | $6-8 \times 100 \mathrm{~m}$ | up to $4 x$ per week |
| Week \# 11 <br> August 12-18 | 6 days | 80-90\% of goal mileage | 90\% of long run | 15 mins at short tempo pace |  | 12 x Hill Repeats | $\begin{aligned} & 8-10 \text { Sets } x \\ & \min \text { HARD/ } \\ & \min \text { EASY }\} \end{aligned} \quad 2^{2}$ | $6-8 \times 100 \mathrm{~m}$ | as needed |
| Week \#12 <br> Aug. 19-25 | 6-7 days | $100 \%$ of goal mileage | $100 \%$ of long run |  | 4 miles at Long Tempo Pace | Include hills in distance runs and fartleks | 75" SURGES every 5' after 15 ' WU | $6-8 \times 100 \mathrm{~m}$ | up to $4 x$ per week |
| Week \# 1 Aug 26-Sept 1 |  | AT N |  |  |  |  |  |  |  |

## II. In-Season Training (Sept-Oct)

- A. Emphasis on training consistently, since not only are we preparing to race in the fall, we are preparing for Indoor and Outdoor Track (which goes until June) as well. Must plan for the whole year, and not just next 3 months.
- B. Race infrequently (at the most every other week). Try to begin racing top athletes as late as possible (some raced on track until the end of June). Run different combinations in early meets to put the young/ inexperienced athletes in positions that they are not used to being- TEAM IS COUNTING ON THEM AS SCORER. See how they respond - you may need them when it counts!
- C. Will plan out entire season, but make weekly/daily adjustments based on fitness, health, weather, etc.

1 x RELAXED Long Run (75-90 mins on XC ski trails, bike paths)
$1 \times$ HARD Long Run (10-12 miles on HILLY dirt roads)
$1 \times$ TEMPO (threshold) RUN (3-6 miles on cinders, grass, bike paths)
$2 \times$ FARTLEK (ie. $7 \times 3^{\prime} H / 2^{\prime} E$ ) or LONG Interval/Repeats on Grass/Trails/Track (ie. $4 \times 1$ mile @ 6k race pace w/ 2-3' jog recovery)
$2 \times$ EASY RECOVERY RUN or POOL WO or REST
1 x RACE (5ks early, 6k's later)
Fill in with Relaxed Training Runs (45-65 mins on Trails, Bike paths) followed by $6-8 \times 100 \mathrm{~m}$ STRIDES on Grass
$5 \times$ STRENGTH TRAINING (WEIGHTS or BW CIRCUITS)
CORE work DAILY.
DRILLS (Form Drills, Hurdle Drills) 4-5 days per week- LEARN to do well!
D. Repeat certain workout throughout season as "benchmarks", but ultimately the best benchmarks are races. Adjust workout paces based on racing results.
E. Emphasize "group running" in workouts. You CAN teach them to race together. $1-4$ spread at 2012 NCAA Championships was 2 seconds.
F. Non-racing weeks tend to be very, very hard training weeks. Will then try to get ready to race in the days leading up to race. From October 1 on, races carry "NCAA At-Large" implications, so want to make sure are ready to perform well and adjust.

## NOTRE DAME WOMENS CROSS COUNTRY

WEEK OF OCTOBER 1-7, 2012 WEEK \#7

| Goals for Week: | Stay healthy and continue to improve!!! If we can keep moving in the right direction without any major interruption this group can be a GREAT TEAM in November!!! |
| :---: | :---: |
| Monday, October 1 | Jog \& Stretch |
| Meet @ 3:00 PM | 40-60 minutes RELAXED Run |
|  | Drills / Strides/ Stretch |
|  | WEIGHTS @ 5:00 PM in Joyce Weight Room |
| Tuesday, October 2 | WILSON PARK |
| Meet at 3:30 PM | FARTLEK: 40-50 minutes with 90" SURGE every $5^{\prime}$ after $10^{\prime}$ WU |
| BRING CARS | 6 x BIG HILL |
|  | Jog \& Stretch/ Ice back at Joyce Center |
| Wednesday, October 3 | EASY RECOVERY RUN or CROSS TRAINING |
| ON YOUR OWN | (Coach will tell you on Tuesday what you should do for recovery) |
|  | WEIGHTS |
| Thursday, October 4 | Jog \& Stretch / Drills/ Hurdle Drills |
| Meet at 3:30 PM | 40-60 minutes RELAXED Run |
|  | Strides / Stretch / Core / Pushups |

Friday, October 5
Meet @ 3:00 PM

WU to Lakes / Stretch/ Drills/ Strides
1 mile @ 6kp (2' jog)
2 miles @ 10kp(2’ jog)
1 mile @ sub 6kp ( $2^{\prime}$ jog)
$3 \times 200 \mathrm{~m}$ ( 90 " jog)
CD/ Stretch

Saturday, October 6
Meet at 8:30 AM
Bring Cars

Saturday, October 7
Meet at 8:30 AM

Drive to Bertrand/Weaver Road
Jog \& Stretch
60-80 minutes RELAXED, CONTROLLED run
Stretch. Ice back at Joyce Center.

Jog \& Stretch / Drills/ Hurdle Drills
EASY Recovery Run
STRIDES / STRETCH/ CORE

Thoughts for the week: "Be concerned more with your character than your reputation. You character is what you truly are, your reputation is merely what people think you are".

## III. Late Season Training (late October- November)

A. More emphasis on being ready to race. Monitor closely to make sure that they are recovering from races and hard training efforts.
B. Add more interval/rep work in place of tempos and fartlek. Continue primarily long repeats (miles, 1000's) at race pace, but will include some work at faster than race pace to handle hard start of races (lactate tolerance).
C. Will utilize the track more when weather dictates, especially wet/muddy.
D. Late season decreases in mileage will vary from athlete to athlete (some respond negatively to too much of a cutback). Generally will try to keep mileage up as long as we can without negatively affecting racing.
E. Try not to deviate too much from what they are used to doing. Keep things NORMAL as much as possible. Athletes like a routine.

## F. WHEN IN DOUBT, DON’T!!!

G. Focus on TEAM GOALS and how each individual plays a part in achieving those goals. Whether \#1 runner, or someone who won't even race at Regional and NCAA meet, everyone has something to contribute to team.
H. Transition those not racing at Regional and NCAA to more "track oriented" work, dependent on events. Use time trials to assess where they are since not racing often.

## NOTRE DAME WOMENS CROSS COUNTRY

WEEK OF October 29 - November 4, 2012 WEEK \#11

Goals for Week:

Monday, October 29
Meet at 3:00 PM

Tuesday, November 30
Meet @ 3:30 PM

Prepare to EARN a top two finish at the Great Lakes Regional with a CONSISTENT week of FOCUSED and INTENSE training. Keep healthy, get rested, stay FOCUSED on your goal!!!

Jog \& Stretch + DRILLS + HURDLE DRILLS
40-55 min RELAXED Distance Run STRIDES / STRETCH / WEIGHTS

WU finish at Golf Course (Lakes if wet) / Stretch/Drill/Strides
FARTLEK: 3 sets x $\{30$ " Hard/ 30 " Easy $\}$
$5-6$ sets x $\left(2^{\prime} \mathrm{H} / 1^{\prime} \mathrm{E}+1^{\prime} \mathrm{H} / 2^{\prime} \mathrm{E}\right\}$
3 sets x \{30"Hard/30" Easy\}
CD / Stretch / Ice

EASY RECOVERY RUN (or X-training) + WEIGHTS

| Thursday, November 1 | Jog \& Stretch + DRILLS + HURDLE DRILLS <br> Meet at 3:30 PM <br>  <br> 40-55 minutes RELAXED run |
| :--- | :--- |
|  | STRIDES / STRETCH / CORE |

Thought for the week: "To uncover your true potential you must first find your own limits and then you have to have the courage to blow past them." Have you even come close to your limits, let alone dared yourself to surpass them?


## Notre Dame Middle Distance and Distance Training

I. PREPARATION
A. Summer base training
B. Cross Country in Fall
C. Break from hard training following XC during Final Exams in mid-December
D. Training on own over Christmas vacation. 3-4 weeks away from ND \& teammates, with season beginning immediately following return. Each athlete has training schedule to follow.

| $\begin{aligned} & \text { 2012-13 } \\ & \text { XMAS } \end{aligned}$ | A. Aragon | 100\% $=60$ miles |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Week of: | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday | GOALS |
| December 10-16 <br> 50\% or less volume | FINAL EXAMS REST or Xtraining or EASY running | FINAL EXAMS REST or Xtraining or EASY running | FINAL EXAMS REST or Xtraining or EASY running | FINAL EXAMS REST or Xtraining or EASY running | FINAL EXAMS REST or Xtraining or EASY running | TRAVEl HOME <br> SAFELY <br> Active Recovery or Easy running | 35-50' Relaxed <br> Run <br> Strides <br> Drills | Perform w ell on FINAL EXAMS. STAY HEALTHY. GET YOUR REST. TRAVEL SAFELY |
| December <br> 17-23 <br> 60-70\% <br> volume | Relaxed Run DRILLS <br> STRIDES WEIGHTS | FARTLEK <br> 50-60 mins Run <br> w ith 45" SURGE <br> every 3 <br> minutes after 10 " <br> warmup | Relaxed Run DRILLS STRIDES | 60' Run with 20' @ TEMPO pace in the middle. <br> DRILLS/STRIDES | 15' Relaxed Run $6 \times 200 \mathrm{~m}$ HLLLS 10' Relaxed Run STRIDES | 70- 75 mins GOOD RUN | Easy Recovery <br> Run <br> or Cross Train | WORK HARD SLEEP WELL EAT PROPERLY ENJOY HOLIDAY |
| $\begin{aligned} & \text { Dec. } 24-30 \\ & 70-80 \% \\ & \text { volume } \end{aligned}$ | FARTLEK <br> 10'Relax/60" Surge <br> $2 \times\left\{5^{\prime} R / 45\right.$ " Surge $\}$ <br> $3 \times\left\{3^{\prime} R / 30 "\right.$ Surge $\}$ <br> $5 \times\left\{2^{\prime}\right.$ R/ 15 " Surge $\}$ <br> 10' EASY | MERRY <br> CHRISTMAS <br> Easy Run or REST | 15' Relaxed Run $8 \times 200 \mathrm{~m}$ HLLLS 10' Relaxed Run STRIDES | Relaxed Run DRILLS STRIDES WEGGHTS | 10' RELAXED 10' @ TEMPO 5' RELAXED 10' TEMPO <br> 5' RELAXED 5' TEMPO 10' RELAXED STRIDES | Easy Recovery <br> Run <br> or <br> Cross Train | $\begin{aligned} & 75-80 \text { mins } \\ & \text { GOOD RUN } \end{aligned}$ | WORK HARD SLEEP WELL EAT PROPERLY ENJOY HOLIDAY |
| $\begin{aligned} & \text { Dec. } 31 \text { - } \\ & \text { Jan. } 6 \\ & \text { 80-90\% } \\ & \text { volume } \end{aligned}$ | WU/Strch/Drill/Strd 7 Sets x \{3' Hard/ 2' Easy\} CD /Stretch | Happy <br> New Year <br> EASY Run or REST | 60' Run with 24' @ TEMPO pace in the middle. <br> DRILLS/STRIDES | Relaxed Run DRILLS <br> STRIDES WEGGTS | 15' Relaxed Run $10 \times 200 \mathrm{~m}$ HLLL 10' Relaxed Run STRIDES | Relaxed Run DRILLS STRIDES | $\begin{aligned} & 75-85 \text { mins } \\ & \text { GOOD RUN } \end{aligned}$ | GET BACK IN "WORK MODE" Now that the Holidays are over, make running your top priority |
| January <br> 7-13 <br> 90-100\% <br> volume | WU/Strch/Drill/Strd 5-6 x 800m @ 5kp (2:00j) <br> $4 \times 200 \mathrm{~m}$ @ 1500p (200j) <br> CD /Stretch | Relaxed Run <br> DRILLS <br> STRIDES <br> WEGGTS | FARTLEK <br> 10'Relax/60" Surge <br> $2 \times\left\{5^{\prime} R / 45\right.$ " Surge $\}$ <br> $3 \times\left\{3^{\prime} R / 30 "\right.$ Surge $\}$ <br> $5 \times\left\{2^{\prime}\right.$ R/ 15 " Surge $\}$ <br> 10' EASY | Relaxed Run DRILLS STRIDES WEGGTS | WU/Strch/Drill/Strd $12 \times 200 \mathrm{~m}$ HILL CD/ Strch | 75-85 mins RELAXED RUN | TRAVEL BACK <br> TO ND <br> REST or EASY RUN | GET READY FOR INDOOR SEASON Focus on increasing the quality/intensity of your w orkouts |
|  | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |  |
|  |  |  |  |  |  |  |  |  |

## II. Indoor Track (Jan, Feb, March)

- A. Emphasis more on training than racing. Begin racing in late January. Very short indoor season.
- B. Use early season, low key races as part of training. As fitness increases, level of competition increases as well. Key competitions are Conference and NCAA Championships.
- C. Race over a variety of distances
- 800/1500/3k: 600, 800, 1000m, mile, 3k, 5k, 4x4
- 3k/5k/10k: 1000 m , mile, $3 \mathrm{k}, 5 \mathrm{k}$


## D. Sample Jan/Feb week 800/1500

- Monday:

Drills/Hurdle Drills $+30-40$ min Relaxed Run + $3 \times 300 \mathrm{~m}$ (fast w/long recovery) + WEIGHTS

- Tuesday:
$4-6 \times 800 \mathrm{~m}$ @ 3kp (2:00 jog) + $4 \times 200 \mathrm{~m}$ @ 1500p (200j)
- Wednesday: EASY Recovery Run (or Pool Workout) + WEIGHTS
- Thursday: Drills/Hurdle Drills + Relaxed Run + Strides/Buildups
- Friday: $\quad$ RACE (individual race $+4 \times 4$ ) or

Track WO w/ shorter intervals/short recovery le. 3 sets $\times$ \{ $4 \times 400 \mathrm{~m}$ @ 3 kp ( $40^{\prime \prime}$ jog / 4' btw sets)

- Saturday: 65-85 mins run at relaxed /controlled effort + Strides

Drills/ Hurdle Drills/ Strength Circuit

- Sunday: EASY Recovery Run
- Individual mileage will vary from 40-65 miles per week, depending on athlete.
- Higher mileage athletes will do some "doubles"
- Will utilize Alter G treadmills on EASY recovery days/AM runs, especially in bad weather
- Lower mileage athletes tend to run 6 days per week, with at least 1 pool workout per week.


## E. Sample Jan/Feb week 5k/10k

- Monday: Drills/Hurdle Drills/ WEIGHTS 20min Relaxed/25 min TEMPO/15 min Relaxed/Strides
- Tuesday: $5-8 \times 1000 \mathrm{~m}$ @ 10kp ( 60 " jog)
- Wednesday: Easy Recovery Run or Pool WO + WEIGHTS
- Thursday: Drills/Hurdle Drills + Relaxed Run + Strides
- Friday: RACE (mile, 3k, 5k)

Track WO w/ shorter intervals/short recovery ie. 3 sets x \{ $4 \times 400 \mathrm{~m}$ @ 3 kp (40" jog / 4' btw sets) $\}$

- Saturday: 75-90 mins run at relaxed /controlled effort + Strides
- Sunday: EASY Recovery Run
- Mileage will vary from 55-75 miles per week w/ "doubles".
- Will utilize Alger G treadmill for morning runs, esp. when weather bad
- $5 \mathrm{k} / 10$ runners will race far less frequently than the middle distance athletes, may only race once or twice during indoor season

2012-13 NOTRE DAME WOMEN'S TRACK : MD \& DISTANCE GROUPS. WEEK OF January 21-27, 2013

|  | (RE DAME WOMENS TRACK : MD \& DISTANCE GROUPS. WEEK OF January 21-27, 2013 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Group A | Group B | Group C | Group D | Group E | Group F | Group G |
|  | Ryck, Meunier | A. Aragon, Tracy | Ryan, Stultz, Russ | (Healy), Lesiew icz, | Rydberg, Gonzales, | Balko, Murphy | Eckstein, Seidel |
|  | Frydrych, D. Aragon | Schulz, Curran |  | Amarosa | (Moran), Kilbride |  | Heeder |
| Monday | Jog \& Stretch/ Drills | Jog \& Stretch/ Drills | Jog \& Stretch/ Drills | Jog \& Stretch/ Drills | Jog \& Stretch/ Drills | Jog \& Stretch/ Drills | Rehab as per trainer |
| Jan. 21 | Up to 35' run | Up to 40' run | Up to 40' run | Up to 25' run | Up to 50' run | Up to 35' run |  |
| 3:00 PM | 6x150m@ chng Pace | 6x150m@ chng. Pace | 10 laps IN \& OUT | $6 \times 150 \mathrm{~m}$ @ chng. Pace | 10 laps IN \& OUT | 10 laps IN \& OUT |  |
|  | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch | Stretch | Stretch |  |
|  | WEIGHTS @ 5PM at Joyce Center Weight Room |  |  |  |  |  |  |
| Tuesday | WU/Strch/Drill/Stride | WU/Strch/Drill/Stride | WU/Strch/Drill/Stride | WU/Strch/Dril/Stride | WU/Strch/Drill/Stride | WU/Strch/Drill/Stride | Rehab as per trainer |
| Jan. 22 | 600 m (100j) $+200 \mathrm{~m}\left(4^{\prime} \mathrm{j}\right)$ | 4-5x 800m @ 2:30 (2'j) | 4-5x 800m @ 2:30 (2'j) | 600m (2:30j) | $3-4 \times 1600 \mathrm{~m}$ @ LTP(60"j) | TBD |  |
| 3:30 PM | $500 \mathrm{~m}(100 \mathrm{j})+200 \mathrm{~m}\left(4^{\prime} \mathrm{j}\right)$ | $4 \times 200 \mathrm{~m}$ (200j) | $4 \times 200 \mathrm{~m}$ (200j) | 500m (2:30j) | CD/Stretch | Strides/ Stretch |  |
| Loftus | $400 \mathrm{~m}(100 \mathrm{j})+200 \mathrm{~m}\left(4^{\prime}\right)$ | CD/Stretch | CD/Stretch | 400m (2:30j) |  |  |  |
|  | $\left.300 \mathrm{~m}(100 \mathrm{j})+200 \mathrm{~m}\left(4^{\prime}\right)^{\prime}\right)$ |  |  | 300m (2:30j) |  |  |  |
|  | $200 \mathrm{~m}(100 \mathrm{j})+200 \mathrm{~m}\left(4^{\prime} \mathrm{j}\right)$ |  |  | $4 \times 200 \mathrm{~m}$ (200j) |  |  |  |
|  | CD/Stretch/ Ice |  |  | CD/Stretch/ Ice |  |  |  |
| Wednesday Easy Recovery Run |  | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run | REST or | Rehab as per trainer |
| Jan. 23 | or Xtrain + WEIGHTS | or Xtrain + Weights | or Xtrain + Weights | or Xtrain + Weights | or Xtrain + Weights | EASY RECOVERY |  |
| ON OWN |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |


| Thursday | Pre Race Workout OR | Pre Race Workout | Pre Race Workout OR | Pre Race Workout OR | Jog \& Stretch | Jog \& Stretch |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Jan. 24 | WU/Strch/Drill Strides |  | with Group E | with Group A | 45-65 mins Run | 45-65 mins Run |
| 3:30 PM | 6x200m (200j) |  |  |  | Strides/ Stretch | Strides/ Stretch |
| Lottus | CDIStretch |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Friday | INDIANA RELAYS - BUS DEPARTS AT 8:00 AM |  |  |  | WU/Strch/Diillstirides | WUSStrch/Dill/Strides |
| Jan. 25 | RACE or Pre-Race Workout |  | Race or w ith Grp F | Race or w ith Grp F | 6-8x800m@ 5kp (2') | 8x400m@3kp |
|  |  |  |  |  | CD/Stretch | (90" jog ) |
|  |  |  |  |  |  | CDIStretch |
|  |  |  |  |  |  |  |
| Saturday | INDIANA RELAYS - DAY 2 |  |  |  | 80-90 mins LONG RUN | 65-75 min LONG RUN |
| Jan. 26 | Race or Easy Recovery | Race or Easy Recovery | Race or Easy Recovery | Race or Easy Recovery | Stretch/ Ice | Stretch/ Ice |
|  |  |  |  |  |  |  |
| Sunday | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch | Jog \& Stretch |
| Jan. 27 | EASY Recovery | EASY Recovery | EASY Recovery | EASY Recovery | EASY Recovery | EASY Recovery |
| 10:00 AM | Stretch/ Ice | Stretch/ Ice | Stretch/ /ce | Stretch/ le | Stretch/ le | Stretch/ le |



## III. Outdoor Track (April, May, June)

- A Emphasis on being ready late in season with focus on Conference, Regional, NCAA Champs in late May, June.
- B. Top runners tend to race less frequently with emphasis on high quality competitions (Stanford, Mt. SAC or Drake Relays)Make sure that they recover from racing and long TRAVEL. If we do it right, these athletes will have long season well into June, so be careful!
- C "Developmental" meets for less qualified/ inexperienced runners - Only way to learn how to race is to race.


## Sample April/May Week 800/1500m

- Monday: Relaxed Run + 150's (change pace) + Drills +WEIGHTS
- Tuesday: $6-8 \times 400 \mathrm{~m} @ 1500 \mathrm{p}(200 \mathrm{j})$
- Wednesday: EASY Recovery Run or Pool WO + Weights
- Thursday: $8-10 \times 200 \mathrm{~m}$ @ 1500p working down to 800 p (200j)
- Friday: Pre Race Workout: Easy Run + Drills + Strides
- Saturday: RACE
- Sunday: 45-70 mins EASY to Relaxed Run


## Sample April/May Week 5k/10k

- Monday: 50 mins FARTLEK w/30" Surges every 5 mins +WEIGHTS
- Tuesday: $6-8 \times 800 \mathrm{~m}$ @ 5 kp working down to $3 \mathrm{kp}\left(2^{\prime} \mathrm{j}\right)$
- Wednesday: EASY Recovery Run or Pool WO + Weights
- Thursday: $35-45$ mins Relaxed Run $+6 \times 200 \mathrm{~m} @ 1500 \mathrm{p}$ (200j)
- Friday: Pre Race Workout: Easy Run + Drills + Strides
- Saturday: RACE
- Sunday: 75-85 mins EASY to Relaxed Run

2012-13 NOTRE DAME WOMEN'S TRACK : MD \& DISTANCE GROUPS. WEEK OF April 1-7, 2013

|  | 2012-13 NOTRE DAME WOMEN'S TRACK : MD \& DISTANCE GROUPS. WEEK OF April 1-7, 2013 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Group A | Group B | Group C | Group D | Group E | Group F | Group G |
|  | Curran, Tracy | Seidel, Ryan | A. Aragon | Gonzales | Frydrych, Healy, | Stultz, Russ | Kilbride, Lesiew icz |
|  | Schulz, |  |  |  | Amarosa, Ryck |  | Balko, Murphy |
|  | (D. Aragon, Meunier) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Monday | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills |
| 1-Apr | EASY RECOVERY RUN | EASY RECOVERY RUN | EASY RECOVERY RUN | RELAXED RUN | 45-60 mins RELAXED | 45-60 mins RELAXED | 45-60 mins RELAXED |
| 3:00 PM | Strides/Stretch | Strides/Stretch | Strides/Stretch | Strides/Stretch | Strides/ Stretch | Strides/ Stretch | Strides/ Stretch |
| Loftus | Pullups, Pushups, C | Core Circuit followin | ing run |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Tuesday | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | Jog \& Stretch | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides |
| 2-Apr | $4-5 \times 800 \mathrm{~m}$ @ | with Group A | with Group A | 25 mins OUT RELAXED/ | 2 Sets x $\{4 \times 300 \mathrm{~m}$ @ | $4 \times 800 \mathrm{~m}$ @ 5kp (2:30j) | $4-5 \times 600 \mathrm{~m}(2: 30 \mathrm{jog})$ |
| 3:30 PM | 2:30-28-26-24-22 (2' jog) |  |  | BACK HARD | 1-3 @1500p, 4 @ 800p | $4 \times 200 \mathrm{~m}$ (200j) | $4 \times 300 \mathrm{~m}$ ( 300 jog ) |
| Loftus | ( $4 \times 200 \mathrm{~m}$ (200j) $)$ |  |  | Stretch | (90"j/4-5' btw sets) | Hurde/Barrier Work | CD/Stretch |
|  | CD/Stretch |  |  |  | CD/Stretch | CD/Stretch |  |
|  |  |  |  |  |  |  |  |
| Wednesda | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run | POOL WORKOUT | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run |
| 3-Apr | or Xtrain + Weights | or Xtrain + Weights | or Xtrain + Weights | Weights | or Xtrain + Weights | or Xtrain + Weights | or Xtrain + Weights |
|  |  |  |  |  |  |  |  |
| Thursday | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/h. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills |
| 4-Apr | Relaxed Run | Relaxed Run | Relaxed Run | Relaxed Run | Relaxed Run | Relaxed Run | Relaxed Run |
| 3:30 PM | Strides/Stretch | Strides/Stretch | Strides/Stretch | Strides/Stretch | $5 \times 150 \mathrm{~m}$ (chng pace) | Hurdles/ Barriers | Strides/Stretch |
| Outdoors |  |  |  |  |  |  |  |


| Friday | WUSStich/Dill\|ltiride | WUSSITch/DillSstides | WUSItch/Dill\|Strides | WUSTitchDilillstides | Pre Race Workout | Pre Race Workout | Pre Race Workout |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5-Apr | 2 Sets $\times 14 \times 300 \mathrm{~m}$ @ | 2k@ $5 k p\left(3{ }^{\prime} \mathrm{jog}\right)$ | $10 \times 400 \mathrm{~m}$ (90" jog ) | TBD |  |  |  |
| 3:00 PM | 1-3@1500p,4@800p | $2 \times 1 k @ 3 k p(2: 30 \mathrm{jog})$ | 1-3-5.7-9 over 5 hurdles | COI Stretch/ /ce |  |  |  |
| Outdoor's | (90"\| $44.55^{\prime}$ btw sets) | 3x300m@1500p | 2-4-6-8-10 @ 1500p |  |  |  |  |
|  | COStretch | COStretch | Water jumps |  |  |  |  |
|  |  |  | COStitetch |  |  |  |  |
| Saturday | Jog/Stretch/Dilish/H. Dills | S Sog/Stretch/Dills/H. Dillis | S Jog/Stretch/Dills/H. Dills |  | SPARTAN | TATIONAL a | higan State |
| $6 \cdot A p r$ | EASY RECOVERY RUN | EASY RECOVERY RUN | EASY RECOVERY RUN | EASY RECOVERY RUN | Busses Dep | rts at 6:15 AM/9 |  |
|  | STRDES/ Stretch | Stretch | Streich |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Sunday | Jog \& Stretch | Jog \& Steetch | Jog \& Steetch | Jog \& Stretch | Jog \& Stretch | Jog \& Steetch | Jog \& Steetch |
| 7-Apr | 65.75 mins RELAXD | 65.80 mins RELAXED | 65.80 mins RELAXED | 60.65 mins REEAXED | EASY Recovery | EASY Recovery | EASY Recovery |
|  |  |  |  |  |  |  |  |



|  | 2012-13 NOTRE DAME WOMEN'S TRACK : MD \& DISTANCE GROUPS. WEEK OF April 29 - May 5, 2013 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Group A | Group B | Group C | Group D | Grooup E | Group F |
|  | Curran, Tracy, | D. Aragon, Schulz, | A. Aragon | Ryan | Meunier, Lesiew icz | Gonzales |
|  |  | Frydrych |  |  |  |  |
| Monday | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | Jog/Stretch/Drills/H. Drills | WU/Strch/Drill/Strides |
| 29-Apr | RELAXED RUN | RELAXED RUN | RELAXED RUN | RELAXED RUN | RELAXED RUN | $5 \times 800 \mathrm{~m}$ @ 5kp (2:30j) |
| 3:00 PM | Strides/ Stretch | Strides/ Stretch | Strides/Stretch | Strides/Stretch | Strides/ Stretch | $2 \times 300 \mathrm{~m}$ (300j) |
|  |  |  | Hurdle Drills |  |  | CD/ Stretch |
|  | WEGHT TRAINING AT 5: | O0 PM at Joyce Center We | eight Room- If racing at | BE will modify workout |  |  |
|  |  |  |  |  |  |  |
| Tuesday | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | Jog/Stretch/Drills |
| 30-Apr | $3 \times 500 \mathrm{~m}$ @ 1500p (2j) | $2 \times 400 \mathrm{~m}$ @ :62-5 (400j) | $3 \times 500 \mathrm{~m}$ @ 1500p (2'j) | $2 \times 800 \mathrm{~m}$ @ 5kp (2:30) | $3 \times 400 \mathrm{~m}$ @ 1500p (2:30j) | EASY Recovery Run |
| 3:30 PM | 3x300m@1500p (2'j) | 4-5 x 200m@ :30-1 (200j) | $3 \times 300 \mathrm{~m}$ @ 1500p (2'j) | $4 \times 400 \mathrm{~m}$ @ 1500p (200j) | $3 \times 300 \mathrm{~m}$ @ 1500p (2:30j) | Strides/ Stretch |
|  | $3 \times 200 \mathrm{~m}$ @ 1500p (2'j) | CD/Stretch | $3-4 \times$ Water Jump (spikes) | $4 \times 200 \mathrm{~m}$ (200j) | $3 \times 200 \mathrm{~m}$ @ 1500p (200j) |  |
|  | CD/Stretch |  | CD/Stretch | CD/ Stretch | CD/Stretch |  |

## 5:00 PM SPRING COMPLIANCE MEETING AT JOYCE CENTER BASKETBALL AUDITORIUM - Mandatory for all Frc

| Wednesda | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run | Easy Recovery Run or | Easy Recovery Run |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1-May | or Xtrain | or Xtrain | or Xtrain | or Xtrain | Xtrain | or Xtrain |
| Thursday | BUS DEPARTS AT 7:00 AM for Airport |  |  |  |  |  |
| 2-May | at Rutgers PM | at Rutgers PM | at Rutgers PM | at Rutgers PM | at Rutgers PM | at Rutgers PM |
| 3:30 PM | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | WU/Strch/Drill/Strides | 35-45 mins RELAXED | WU/Strch/Drill/Strides | 35-45 mins RELAXED |
|  | $5 \times 150 \mathrm{~m}$ @ 50-50-50 | $5 \times 150 \mathrm{~m}$ @ 50-50-50 | Hurdle Drills/Hurdling | Strides/ Stretch | $5 \times 150 \mathrm{~m}$ @ 50-50-50 | with 6' @ TEMPO in middle |
|  | Long cooldow $\mathrm{n} /$ Stretch | Long cooldow $\mathrm{n} /$ Stretch | $4 \times 200 \mathrm{~m}$ (200j) |  | Long cooldow $\mathrm{n} /$ Stretch | of run |
|  |  |  | CD/Stretch |  |  | Strides/ Stretch |
|  |  |  |  |  |  |  |
| Friday | at Rutgers AM | at Rutgers AM | at Rutgers AM | at Rutgers AM | at Rutgers AM | at Rutgers AM |
| 3-May | Pre Race Workout | Pre Race Workout | Pre Race Workout | WU/Strch/Drill/Strides | Pre Race Workout | Pre Race Workout |
| 3:00 PM |  |  |  | 5x200m@1500p |  |  |
|  |  |  |  | CD/Stretch |  |  |
|  |  |  |  |  |  |  |
| Saturday | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS |
| 4-May | Trials in 1500m@1:30 PM | Trials in 800 m | 3000m Steeple Final | Pre Race Workout | Trials in 1500m@1:30 PM | 10K Final |
|  |  |  |  |  |  |  |
| Sunday | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS | BIG EAST CHAMPS |
| 5-May | Finals in 1500 m | Finals in 800 m or 1500 m | $4 \times 800 \mathrm{~m}$ Final | 5000m Final | Finals in1500m | Easy Recovery Run |
|  | $4 \times 800 \mathrm{~m}$ Relay | $4 \times 800 \mathrm{~m}$ Relay |  |  |  |  |

2012-13 NOTRE DAME WOMEN'S TRACK : MD \& DISTANCE GROUPS. WEEK OF May 13-19, 2013



## Notre Dame Track/Cross Country- POOL WORKOUTS

Deep water running in pool. Use flotation belt until you can run efficiently in the water. Once you are able to run efficiently, take off the belt. It will be much harder and get your heart rate much higher without the belt.

Begin with up to10 minutes of swimming to warmup. Finish with up to 10 minutes swimming to cool down.

REST $=$ hang on side of pool and kick legs (keep moving just as though jogging between intervals on the track)

1. TEMPO RUN

15 sec HARD/15 sec REST/30'H/15"R/45"H/15"R/60"H/15"R/75"H/15'R/ 90'H/15"R/105'H/15'R/120"H/135"H/15'R/150"H/15"R/165"H/15"R/ 180"H/15"R
Up to 3 minutes by 15 sec , then back down by 15 sec
Up to 2 minutes by 15 sec , then back down by 15 sec
Up to 1 minute by 15 sec , then back down by 15 sec
2. ND Ladder W.O.
$1 \times 5$ min Hard / 2:30 Rest
$2 \times 4 \mathrm{~min}$ Hard/ 2:00 Rest
$3 \times 3$ min Hard/ 1:30 Rest
$4 \times 2$ min Hard / 1:00 Rest
$5 \times 1 \mathrm{~min}$ Hard / 30 sec Rest
$6 \times 30 \mathrm{sec}$ Hard/ 15 sec rest
3. Any variety of ladder workouts - be creative.
(ie. 1-2-3-4-5-5-4-3-2-1 with $1 / 2$ time recovery)
4. $12-15 \times\{2: 30$ Hard / 45 sec Easy $\} \quad$ 800m repeats
5. 6-8 x \{5 mins Hard / 2 mins Easy \} Mile repeats
6. $15 \times\{60$ sec Hard / 30 sec Rest $\}$
$15 \times\{30 \mathrm{sec}$ Hard / 30 sec Rest $\}$
$15 \times\{15$ sec Sprint/ 15" Rest \}
$15 \times\{15$ sec Kicking with board / 15" rest $\}$
7. Straight runs of 45-90 minutes once a week (gets boring, so primarily use interval w.o.)
8. Underwater "sprinting" - Use to finish workouts, or after straight run in water. From the edge of the pool, swim underwater as far as you can go.

## Pre Race WARMUP for XC/MD Races

- 10-12 minutes EASY Running
- 10 minutes STRETCHING: Concentrate on back, quads, hamstrings
- 6-8 min. running with short pickups at close to race pace
- More stretching: Calves, Achilles, Tight areas
- DRILLS (Dynamic Flexibility) @ 20-30 meters
- Strides / Buildups/ Accelerations
- Have spikes, numbers, etc. on 15-20min before gun
- Finally, take some time immediately preceding race to RELAX and concentrate on task at hand. confident you have done everything that you needed to be ready


## Post Race COOLDOWN (often neglected)

- HYDRATE. Take off spikes, wet singlet, etc.
- 12-20 minutes of EASY running
- STRIDES / DRILLS
- STRETCHING
- Make sure to refuel with CARBOHYDRATES and FLUIDS within 30 minutes of race
- Ice bath, massage
- COOLDOWN is $1^{\text {st }}$ Step in Preparing for your NEXT RACE


