

# MILESTONES



Volume 3, Issue 3

May 2013

## From the Editor Medical Education's Spring Blooms, Bright & Green...



This spring issue of the "Milestones in Medical Education" Newsletter is blooming with continued successes and "milestones" achieved by residents, fellows, and faculty. This time of the year is an exciting busy time... As we prepare to welcome new classes of residents and fellows, we wind down the academic year hoping to get our graduates ready, as ready as they can be, to better and greener pastures. This spring issue is "buzzing" with new beginnings, green milestones, and the following great achievements: :

 The 2013 Match day concludes a successful recruitment season with program filled with excellent candidates

- The MCH GME office prepares faculty for the ACGME Next Accreditation System (NAS) with a new way to think about residents and fellows' assessments (see Faculty Development section)
- The Cardiology fellowship program received "Continued Accreditation" from the AC-GME
- Trainees continue to showcase their scholarly work on the national platform
- Faculty continue to represent MCH through scholarship and publications
- Residents learn about Advocacy at the highest level

## More to Come... Spring blooms are underway, healthy and green

The upcoming months will be even more exciting. Finalizing contracts, visas, licenses, and TM&E paperwork. As we prepare to bid farewell to an excellent crop of graduates in June, we feel mixed emotions of pride, joy, and sadness,

The next few months will feature several GME activities:

- Graduation
- Residents and fellows scholarship day
- Orientation
- Forming the Curriculum Competency Committees (CCC)

We look forward to new beginnings and exciting times in Medical Education as the Spring Season Blooms!!!

Rani S Gereige, MD, MPH

## *Milestones in Faculty Development* Faculty Roles in NAS - New Ways to Think about Assessments and Evaluations

The ACGME Next Accreditation System (NAS) represents a paradigm shift in the way residents and fellows are assessed. As we moved from the Outcomes Projects, where the six ACGME competencies are the building blocks, the NAS is more granular assessment of Milestones within the competencies. Milestones are discreet, specific, specialty-related, and

observable behaviors specified by each Residency Review Committee. This Milestones Project takes residents and fellows evaluations and feedback to the next level. All training programs must adopt the Milestones by July 2014. Core Programs such as Pediatrics must have the milestones in place by July 2013. A new benchmark for competence based on milestones re-

quires a new metric by which to judge/ evaluate learners. The MCH Medical Education Department will implement the 5 Dreyfus Model of Skill Acquisition as the levels of milestones achievement for al training programs and their milestones. So what is the Dreyfus Model of Skill Acquisition?

## Inside this issue:

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Milestones in Schol- 9 arly Activities

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"The Pediatric Cardiology Fellowship Program Receives "Continued Accreditation" from ACGME -CONGRATULA TIONS!!!

## Milestones in Faculty Development Faculty Roles in NAS - New Ways to Think about Assessments and Evaluations (Cont'ed)

The Dreyfus Model of skill acquisition has FIVE stages: **I – Novice:** Follows the rules. Doesn't feel responsible for other than following the rules. Specific rules for specific circumstances, no modifiers, context free

#### 2- Advanced Beginner:

Rules begin to be applied to related conditions, decisions made by rule application, but still does not experience personal responsibility

3- Competent: Responsibility arises from active decisionmaking. Learns to organize principles or perspectives . Competence follows the progression through the Miller Triangle (see image): Knows... Knows How... Shows How ... Does.

0003.





4- Proficient: Approach to problem is molded by perspective arising from experiences. Learner uses intuition and "pattern recognition". Conscious decision-making.
5- Expert: Pattern recognition extends well to planning and diagnosis. Decision and teaching comes naturally

A 6th stage of Master is added but rarely mastery is achieved at the level of trainBeginning the new academic year, all residents and fellows evaluations will be based on the Dreyfus Model as the metric to be followed using the 5 levels (stages) described above.

Ref. Dreyfus HL, Dreyfus SE. Mind Over Machine. New York, NY: Free Press, 1988

## Milestones in Child Advocacy Effort MCH Residents Part of AAP Efforts on Capitol Hill to Protect Children from Gun Violence

MCH Pediatric Residents Chad Rudnick, MD (PL2) and Stephanie Urban, DO (PL2) attended the AAP 22nd Legislative Conference in Washington, DC (April 28-30th). They were among150 pediatricians from 40 states who went to Capitol Hill in Washington, DC with one message for Congress: find a way forward to protect children from gun violence. As Part of the conference, Chad and Stephanie met with legislators and advocated for measure to protect children from gun violence by advocating for gun safety. Great job!! Advocacy for children is an integral part of a Pediatrician's job. Children do not vote but have the Pediatricians as their voice.



Drs Urban and Rudnick with the AAP President Elect Dr. James Perrin

THE DREYFUS MODEL OF SKILLS & PROBLEM-SOLVING ACQUISITION

	NOVICE (N)	ADVANCED	COMPETENT (C)	PROFICIENT (P)	EXPERT (E)	MASTER (M)
	(Level1)	BEGINNER (AB) (Level 2)	(Level 3)	(Level 4)	(Level 5)	(Level 6)
Summary	Rules	Rules + Situation	Rules + Selected Contexts + Accountable	Accountable + Intuitive Immediately sees "what"	Immediately sees "how"	Develops style Loves surprise
Description	<ul> <li>Follows rules</li> <li>Not</li> <li>responsible for outcomes</li> <li>No modifiers</li> <li>Learning is</li> <li>"Context free"</li> <li>Don't feel</li> <li>responsible for other than following the rule</li> </ul>	<ul> <li>New "situational" elements are identified</li> <li>Rules begin to be applied to related</li> <li>Decisions still are made by rule</li> <li>Decisions still are made by rule</li> <li>personal</li> <li>responsibility</li> </ul>	<ul> <li>Numbers of rules becomes excessive</li> <li>Learn organizing principles or "perspectives"</li> <li>Perspectives"</li> <li>Perspectives</li> <li>Perspectives</li> <li>The experience of responsibility arises from active decision-making</li> <li>Pattern</li> <li>Sees the big picture</li> <li>Emotional buy-in/ Responsibility</li> </ul>	<ul> <li>Intuitive diagnosis</li> <li>Approach to problem molded by perspective arising from multiple real world experiences</li> <li>"Holistic similarity recognition"</li> <li>Learner uses intuition to realize "what" is happening</li> <li>Conscious decision- making and rules used to formulate plan</li> <li>Able to extrapolate from known to unknown situations</li> </ul>	<ul> <li>Don't make decisions</li> <li>Don't solve problems</li> <li>Do what works</li> <li>Do what works</li> <li>No decomposition of situation into discrete elements</li> <li>Pattern</li>     &lt;</ul>	<ul> <li>Develops style</li> <li>Loves surprise</li> <li>Exercises</li> <li>Exercises</li> <li>practical wisdom</li> <li>Goes beyond the big picture and sees a bigger picture and sees a bigger picture of the culture and context of each situation</li> <li>Deep level of commitment to the work</li> <li>Great concern for right and wrong decisions</li> <li>Is intensely motivated by motivated by engagement to pursue ongoing learning and improvement to pursue ongoing learning and for action</li> <li>RARELY</li> </ul>
Adapted from:						

- Dreyfus HL, Dreyfus SE. Mind Over Machine. New York, NY: Free Press; 1988. Dreyfus HL, Dreyfus A. From novice to world discloser. Paper presented at the Accreditation Council for Graduate Medical Education Design Conference on the Learning Environment; September 9, 2006; Chicago, III <del>.</del>, .,

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## Milestones in Recruitment MCH New Residents and Fellows to begin July 2013

March 15 2013 marks the date of the Match results for the Pediatric Residency Program. The Department of Medical Education is pleased to announce the excellent results of the match.

Twenty eight PLI residents and 16 Fellows will join MCH Department of Medical Education to start the 2013 academic year. We are all excited about the upcoming year. Welcome to our new family members:

## **MCH Epilepsy** Center Receives Level 4 **Designation in** 2013

MCH Comprehensive Epilepsy Center was given a Level 4 Accreditation by the NAEC (National Association of Epilepsy Centers)

Level 4 Centers are listed on the NAEC website (www.naecepilepsy.org) and the Level 4 Centers are sent to US News and World Report

> Congratulations!!!!

## Welcoming the Class of 2016 - Pediatric Residency Program

	<u>Name</u>	Medical School
١.	Ali Ahmad, DO	Arizona COM of Midwestern University, AZ*
2.	Hanadys Ale, MD	Florida International University, FL
3.	Courtney Allen, DO	Nova Southeastern University COM, FL*
4.	Hind Alsharhan, MD	Kuwait University, Kuwait
5.	Jennifer Berkovich, DO	Nova Southeastern University COM, FL*
6.	Krysten Chin, MD	Stony Brook University Medical Center, NY
7.	Wilfredo Cosme-Blanco, MD	Ponce School of Medicine, PR
8.	Alejandro De La Torre, MD	Universidad Internacional del Ecuador, Ecuador
9.	Christie De La Vega, MD	Ponce School of Medicine, PR
10.	Lina Diaz Calderon, MD	Pontificia Universidad Javeriana, Colombia
11.	Cristina Figallo, MD	Universidad Central de Venezuela-Luis Razetti, Venezuela
12.	Dominick Figueroa, MD	University of Maryland School of Medicine, MD
13.	Ajay Gupta, MD	Albany Medical College, NY
14.	Adriana Herrera, MD	Universidad De Los Andes, Colombia
15.	Joshua Kurtz, MD	University at Buffalo State University of New York, NY
16.	Mariana Lanata Piazzon, MD	Universidad Peruana Cayetano Heredia, Peru
17.	Juan Mejia, MD	Universidad Libre de Cali, Colombia
18.	Raquel Olavarrieta, MD	Florida State University, FL
19.	Carla Perez, MD	Loma Linda University School of Medicine, CA
20.	Scott Raskin, DO	Western University of the Health Sciences, $CA^*$
21.	Brianna Ruiz, MD	University of Miami, FL
22.	Diego Salinas, MD	University of Florida, FL
23.	Katherine Semidey, MD	University of Florida, FL
24.	Kyle Solari, MD	Florida State University, FL
25.	Barbara Switzer, MD	Florida State University, FL
26.	Ronald Vasquez, MD	Boston University, MA
27.	Ivana Vukovic, MD	St. George's University, Grenada
28.	Claudia Zapata, MD	Florida State University, FL



\* AOA Match

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## Milestones in Recruitment Welcoming the New Fellows - Starting July 2013

#### **Pediatric Cardiology:**

- ١. Natasha Noel, MD
- 2. Nguyen Taun, MD

**Pediatric Cardiac Intensive** Care:

I. Jun Sasaki, MD

#### **Pediatric Critical Care:**

- Jose Francisco Hernandez L. Rivera, MD
- 2. Sushil Devarashetty, MD

Evan Lewis, MD 1 2. Chalongchai Phitsanuwong, MD

**Clinical Neurophysiology:** 

**Craniofacial Plastic Sur**gery: Ι. Thomas Satterwhite, MD

**Pediatric Emergency Medi**cine:

- Paul Khalil, MD Ι.
- 2. Jahzel Gonzalez, MD

#### **Pediatric Radiology:**

- 1 Robert Dizor, MD
- 2. Naomi Silva,, MD
- Mona Yasrebi, MD 3.

#### **Pediatric Neurosurgery:**

Alexander Weil, MD Ι.

#### **Pediatric Surgery:**

Tara Loux, MD Ι.

#### **Pediatric Urology:**

١. Anastassia Abatzoglou, MD



**Upcoming Milestone Events** Graduation, Scholarship Day, Faculty Development....

MCH 2013 Graduation Keynote Speaker - Focus on Health **Care Delivery and Quality Research** 



#### Jonathan A Finkelstein, MD, MPH.

With the new emphasis on Quality and Outcomes nationally in GME and Practice, it was more than appropriate to have Dr. Jonathan Finkelstein give the 2013 Keynote Address. Dr. Finkelstein is the Vice Chair for Quality and Outcomes, Dept. of Medicine, Children's Hospital Boston; Associate Professor of Pediatrics and of Population Medicine, Harvard Medical School; Co-Director of the Program. He also directs Clinical Epidemiology and Population Health, a required course for Harvard Medical School students. In addition, he practices as a general pediatrician at

Children's Hospital. He combines the skills of the clinician, researcher, educator, and Quality Improvement Officer.

## **Residents & Fellows' Research Day Event Re**named....

This year marks the 5th Annual Residents and fellows' Research Day. This event has been renamed Residents & Fellows' Scholarship Day. This name was given to reflect the types of scholarly activities that will be featured. Pediatric and Dental Residents and Fellows will showcase their scholarly activities completed in the 2012-2013 academic year including Original Research, Case Reports, and QI Projects (added this year). The event will feature live podium presentations of winning abstracts as well as poster sessions. Join us on Friday JUNE 21st, 2013 for the 5th Annual Residents and Fellows' Scholarship Day:

8:15-9:15am - Podium **Presentations (MCH Main** Auditorium) l2:00pm-l:30pm - Poster Session (Research Building Atrium)

Join Medical Education and The Research Institute to Support our Young Investigators and their mentors

**Do You Understand** The New Generation of Learners???... Plan to attend the May 24th Faculty Development Session



The MCH Department of Medical Education is pleased to host Dr. John B. Molidor, PhD,

CEO and CEO and President MSUFAME (Flint Area Medical Education) Assistant Dean and Professor Michigan State University College of Human Medicine. Dr. Molidor is the author of the book "Crazy Good ÖÖD Interviewing". INTER-VIEWING

JOHN B.

#### **D**r. Molidor will present Grand Round on May 24th at 8:15am and will provide a faculty development session on teaching and interviewing the new generation of learners at noon for the faculty.

Please Mark you calendars for **Crazy Good Sessions** 



**Friday June** 7th, 2013 Biltmore Hotel, Coral Gables, Florida



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Congratulations

to Dr. Jason

Katz, MD

(Pediatric

Cardiology

**Fellowship** 

**Director for** 

being accepted

to the APPD

LEAD

(Leadership in

Educational

Academic

Development)

Program

APPD LEAD is a

national Faculty

development

program

## Milestones in Publications Hot of the Press!!!!

## Pediatric Critical Care

The manuscript titled: "Acute Kidney Injury During Vancomycin Therapy in Critically III Children" by Drs Balagangadhar Totapally, Jacqueline Machado, Helen Lee, Ana Paredes, and Andre Raszynski was published in Pharmacotherapy journal in March 2013.

**C**ongratulations for a great collaboration between Pharmacy, Critical Care, and Nephrology.

## **Resident as Lead Au**thor

Dr. Varun Aggarwal (PLI) had two publications as lead author:

- "Role of Calcium Defi-١. ciency in Development of Nutritional Rickets in Indian Children: A Case-Control Study" -Published in J. Clin Endocrinol Metab. October 2012
- "Management of Nu-2. tritional Rickets in Indian Children: A Randomized Controlled

## **Milestones in Professionalism**

**Residents Receive Kudos** from FIU Medical Student

The Department of Medical Education received an email from recent FIU Graduate Dr. Daniel Castellanos (Class **2013)** complementing the following residents for their teaching skills, compassion, and commitment to patient care and education during his PCC rotation:

Manuel Rodriguez, MD (PL3)



Beatriz Ortega, MD (PL2)



## Jeffrey Kleinberg, MD (PL2)

Kaitlin Kobaitri, DO (PLI)



**Teaching Compliment to** Dr. Zimmerman

Elise Zimmerman, MD (ER Fellow)



Trial" - Published in the Journal of Tropical Pediatrics. April 2013.

**C**ongratulations Varun for a great achievement!!!!

Dr. Andrew Huang (PLIII) was the lead author on a publication titled: "Vertebral Osteomyelitis Due to Candida parapsilosis in a Child with Crohn Disease While Receiving Anti-TNF Therapy" published in Journal of Pediatric Gastroenterology and Nutrition. April 2013; 56(4): e23-e26.

**C**ongratulations Andy for a great achievement!!!!

for a "focused, organized, and well-researched lecture"

#### **Family Compliment**

Lina Castillo, MD (PLI)



Dr. Lina Castillo received a compliment from the mother of one of her patients. The mother commented on Dr. Castillo's empathy and professional bedside manners.

#### **Division Compliment**

Varun Aggarwal, MD (PLI)



Ag-Dr. Varun

garwal was complimented by Ms Cindy Mayes, Administrative Director of the Cardiology Division for his volunteer spirit as he participated in the Community EKG Screening Events

**C**ongratulations Lina & Varun on an excellent display of the **MCHWay** 

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## Milestones in Advocacy and Volunteer Work MCH Pediatric Residents Take Part in National Volunteer Week Forum

## Milestones in Social Networking

## Cardiac knowledge Project

The Pediatric Cardiology Fellows Use Social Media to enhance Education. Check out the Cardiac Knowledge Project at:

Facebook: <u>https://</u> www.facebook.com/ cardiacknowledge-

project Instagram: knowledgeproject Twitter:@cardiacknowpr

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Five MCH Pediatric Residents participated on April 25th, 2013 in a forum for MCH volunteers held as part of National Volunteer Week. The forum was intended to inspire, and motivate volunteers interested in pursuing a medical career. Kudos to the following residents for their volunteer and advocacy efforts:

- Stefania Saint-Hilaire, MD (former volunteer, leader and recruiter of other residents)
- Chad Rudnick, MD
- Kelly Brisbane, MD
- Naiomi, Cohen, MD
- Laura D'Addese, MD

The residents' efforts were very much appreciated by our volunteers. One volunteer; Melissa Malloff, 3 East volunteer; said:

" I wanted to tell you that the Residents Forum was really useful for a lot of people. Since it was mostly about getting into med school, I kept thinking - why wasn't I sitting right here YEARS ago!!! But, I know that for the people still at that stage they received EXTREMELY vital information that they probably won't get otherwise. I think it was really inspiring for them, and could honestly change their future- or at least smooth out the crazy path of getting there. Good work!!" All my best, Melissa Malloff Vol # 30044.

Thank you all for your efforts!!!





#### Milestones in National Spotlight MCH Faculty and Trainees in the Spotlight at AAP 2013 NCE in Orlando



#### MCH Pediatric Residency Competes at NCE in the Pediatric Bowl

Will you be attending the NCE 2013 in Orlando? Come cheer the MCH Pediatric Residents as they compete in the Pediatric Bowl on Tuesday October 29th, 2013 at noon. Three teams of area residency programs are invited annually to participate in the "Pediatric Bowl" (a one hour jeopardy-style live quiz show) during the final day AAP NCE. Each "team" consists of I pediatric residency program director and 4 residents for a total of 5 participants per team.

MCH Pediatric Residency Program will be competing against The Orlando and the USF Residency Programs... See you there



## Dr. Lorena Siqueira Invited to Speak at 2013 NCE

**Dr. Siqueira** will be presenting at the AAP NCE in Orlando on 10/26/13 4pm-4:45pm on the topic of Binge Drinking: Old Problem, New Twist as part of the Selected Short Subjects. Congratulations Dr. Si-

queira.

#### *Milestones in Community-Based Projects* MCH Adolescent Medicine Fellow Pilots a Teen Obesity Program for Latinas

"Healthy Chicas" is a pilot program at Miami Children's Hospital founded by Dr. Rosa Gomez de Jesus (Adolescent Medicine Fellow).



The program is aimed to offer an alternative to maintaining a healthy weight. The training program includes exotic dancing by combining different foods and educated to understand food labels.

The *Healthy Chicas* program targets adolescents 13 to 18 years and manages an interdisciplinary team that serves from the standpoint of medical, psychological, nutritional and exercise.

The girls participate in a series of activities including belly dancing lessons and salsa, a mini boot camp, military training type exercises, and pedometer challenge, a competition to see who was the most steps. The pilot program will be piloted in the summer for next year, when it will again offer this opportunity to young women and their mothers, as one of its objectives is an interaction with parents who are not only those that provide the type of food consumed by teenagers but they follow the example in customs and lifestyle. To read more about *Healthy Chicas* go to the Miami Herald story at:

#### http://

www.elnuevoherald.com/2012/ 08/22/1282572/programapiloto-del-miami-childrens.html

Congratulations!!!!





#### Volume I, Issue I

## Milestones in Scholarly Activities MCH Trainees Showcase their Research Locally and Nationally

## **Strong Presence at ASPHO Meeting**

MCH was well represented by its trainees at the 2013 ASPHO meeting held in Miami April. The following residents had poster presentations:

- ١. Prisilla Badia, MD presented her research poster titled: "DRAMATIC **RESPONSES TO BREN-**TUXIMAB VEDOTIN IN THE TREATMENT OF **RECURRENT HODG-**KIN'S LYMPHOMA: BET-TER THAN CHEMO-THERAPY?"
- Branko Cuglievan, MD 2. & Jorge Galvez, MD presented their research poster titled: EPSTEIN BARR INFECTION OB-SCURING PEDIATRIC CHRONIC EOSINO-PHILIC LEUKEMIA ASSO-CIATED T(1,5) WITH EXCELLENT RESPONSE TO TARGETED THERA-PY"
- Will Geng, MD present-3. ed his research poster titled: "NOVEL USE OF RAPAMYCIN FOR TREATMENT OF CHRONIC REFRACTO-**RY IMMUNE THROMBO-**CYTOPENIC PURPU-RA; A CASE REPORT"
- Fiorela Hernandez, 4. MD presented her research poster titled: "SIRTUINS AS THERA-PEUTIC TARGETS FOR NEUROBLASTOMA "
- April Morrison, DO & 5. Brank Cuglievan, MD presented their research poster titled: "INTRACRANIAL CAL-CIFICATION IN PEDIAT-

**RIC BRAIN TUMOR PA-**TIENTS AFTER PROTON **BEAM THERAPY "** 

- Angela Shaw, MD pre-6. sented her research poster titled: "USE OF PAMI-DRONATE FOR THE TREATMENT OF STER-OIDS INDUCED AVAS-CULAR NERCROSIS IN PEDIATRIC LEUKEMIA PATIENTS "
- 7. Gauri Sunkersett, DO presented her research poster titled: **"FAVORABLE RESPONS-**ES TO BIWEEKLY **BEVACIZUMAB AND IRNOTECAN IN PEDIAT-RIC PATIENTS WITH** HIGH GRADE GLIOMAS AND OTHER RECUR-**RENT TUMORS**"

Congratulations to all the presenters and big thanks to the Hem-Onc division members for their guidance and mentorship. Presenting residents , former MCH graduates, and faculty celebrated the successes at

## **PAS Meeting - Wash**ington, DC

Dr. Daniel Canal Presented a poster presentation at the 2013 Pediatric Academic Societies Meeting in Washington, DC

## **Plastic and recon**structive Surgery Meeting

#### Dr. Thaddeus Boucree II, DDS, MD (Craniofacial **Plastic Surgery Fellow)'s** research project titled: "Reconstruction of the Upper Lip with the Abbe Flap-A 38 Year Retrospective Analysis" is accepted for a poster presentation at the Annual Meeting of the Southeastern Society of Plastic and Reconstructive Surgeons held June 1-5, 2013 at Bonita Spring, Florida

Congratulations!!!











#### To Teach is To Touch a Life Forever



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# **Milestones in Medical Education**

## is the MCH Medical Education Newsletter

Come Cheer for Us at the Pediatric Bowl... See you in Orlando October 20, 2013!!!!



## **Medical Education Birthdays**



May				
Parthasarathi Chamiraju	9			
Lauren Meyerson	13			
Marina Bishai	17			
Vanessa Pinto	20			
Fiorella Iglesias	22			
Sophie Remoue	28			
Manuel Rodriguez	30			

June	
Daniel Davila	5
Megan Carns	8
John Fitzwater	10
Richard Garcia	10
Daniel Duarte	12
Lorena Aliaga	12
Jubin Mathews	15
Yamilet Huerta	18
Chad Rudnick	22
Naiomi Cohen	27
Aleksander Bernshteyn	27
Jun Sasaki	28