January 6–9, 2016
The Ritz-Carlton, Laguna Niguel | Dana Point, CA

4 DAYS THAT WILL CHANGE THE WAY YOU THINK ABOUT THE FUTURE OF PEDIATRICS!

International Society for Pediatric Innovation (iSPI)

peds2040.org
WHY ATTEND PEDIATRICS 2040 (PEDS 2040)?

PEDS 2040 is a unique opportunity to witness the future of pediatrics as it unfolds. Attendees will be able to collaborate with like-minded stakeholders in pediatrics. You will be able to learn from innovation and intelligence leaders.

PEDS 2040 offers many opportunities to network with pediatric centers and companies. It’s a chance for parents, stakeholders, doctors, nurses, and investors in pediatrics to witness game-changing and emerging technologies firsthand. These four days will change the way you think about the future of medicine!

WHO SHOULD ATTEND?

Pediatricians & Pediatric Subspecialists

Hospital Leaders

Researchers & Scientists

Pediatric Trainees & Students

Nurses & Allied Health Professionals

Parents & Patients

Investors

Or Anyone Who Is Interested in the Future of Pediatrics!

FEATURED SPEAKERS

DANIEL KRAFT, MD

PATRICK SOON-SHIONG, MD

WENDY SUE SWANSON, MD

ALAN GREENE, MD

JEREMY HOWARD

ATUL J. BUTTE, MD, PHD

2016 Conference Themes

Genomic & Precision Medicine

Regenerative Medicine & 3D Printing

Pediatric Nanomedicine

Medical Devices & Connected Health

Robotics & Robotic Surgery

Artificial Intelligence & Big Data

Innovations In Health Care Delivery

Pediatrics 2040 is proud to support Patients Included. As a subscriber to the Patients Included charter, we are committed to incorporating the experience of patients as experts in living with their condition while ensuring they are neither excluded nor exploited. Learn more at: peds2040.org/patients-included
**THURSDAY SCHEDULE**

**Pediatrics 2040: Trends and Innovation for the Next 25 Years**

8:00 AM - 8:30 AM  
**Pediatrics 2040: Overview of the Pediatric Innovation Landscape**  
Keynote: Wendy Sue Swanson with Anthony Chang

8:30 AM - 9:15 AM  
**Pediatric Innovation: The Parents’ and Patients’ Perspective**  
Moderators: Wendy Sue Swanson and Alan Greene  
Panel: Kezia Fitzgerald, Mike Fitzgerald, Margerite Saitta

9:15 AM - 10:00 AM  
**Pediatric Innovation: The C-Suite’s Perspective**  
Moderators: Kimberly Cripe and Joe Kiani  
Panel: Narendra Kini, Robert Meyer

10:00 AM - 10:30 AM  
**Networking**

10:30 AM - 11:30 AM  
**Pediatrics 2040: The Best Abstracts**  
Moderators: Sherry Farrugia and Spyro Mousses  
Panel: Leanne West, Claudia Hoyen, Krista Nelson, Leonard Sender, Dawn Wolff

11:30 AM - 1:00 PM  
**Lunch**

1:00 PM - 1:45 PM  
**Five on Five Session: Innovation as a Concept**  
Moderators: Naomi Fried and Don Lombardi  
Panel: Alan Greene, Wendy Sue Swanson, Gavin Bogle, Jeffery Gruen, William Rhine

1:45 PM - 2:30 PM  
**Five on Five Session: Pediatric Nanomedicine**  
Moderators: Kevin Maher and Chih-Ming Ho  
Panel: Shariel Taraman, M.G. Finn, Aman Russom, Shuming Nie

2:30 PM - 3:00 PM  
**Networking**

3:00 PM - 3:45 PM  
**Five on Five Session: Medical Devices and Connected Health**  
Moderators: Jessica Rousset and Kolaleh Eskandanian  
Panel: Jeffrey Weness, Beth Mynatt, Matt McMahon, Joe Hage, James Wall, Linda Ulrich

3:45 PM - 4:30 PM  
**Five on Five Session: Genomic Medicine and Precision Medicine**  
Moderators: Spyro Mousses, Ryan Taft  
Panel: Neil Miller, Dennis Wall, Leonard Sender

4:30 PM - 4:45 PM  
**Networking and Refreshments**

4:45 PM - 6:15 PM  
**Poster Abstract Presentations**  
Moderators: Leanne West, Bob Guldberg, Kevin Maher, Spyro Mousses, May Wang, Mustafa Kabeer, Curtis Kennedy

6:15 PM - 7:30 PM  
**Innovation Beach Bash**
SHINE A LIGHT ON YOUR ORGANIZATION!
SUBMIT AN ABSTRACT!

Your abstract may be a critical contribution to the learning experience and sharing that will make this conference a success for everyone!

A wide variety of submissions are accepted. These can be completed works, works in progress, or even a project idea. In other words, even if you have simply an idea about an innovation, you can submit the idea! They should be relevant to one of the seven themes of the conference:

- Genomic & Precision Medicine
- Regenerative Medicine & 3D Printing
- Pediatric Nanomedicine
- Medical Devices & Connected Health
- Robotics & Robotic Surgery
- Artificial Intelligence & Big Data
- Innovations In Health Care Delivery

ONE WINNER WILL BE SELECTED FOR EACH OF THE SEVEN THEMES!

Each of the seven WINNING abstracts will receive:
- Round-trip economy class airfare to attend the conference
- Complimentary three-night accommodations at The Ritz-Carlton, Laguna Niguel
- The opportunity to present your abstract during the conference at 10:30 AM on Thursday, January 7th or 11:15 AM on Saturday, January 9th.

All ACCEPTED abstracts will receive complimentary registration to the entire conference. You will present your abstract at 5:00 PM on Thursday, January 7th and be listed on the Peds 2040 website.

Abstract submission deadline is November 15, 2015.
Submit your abstract at: peds2040.org

VISIT STARTUPS AT INNOVATION BEACH DURING NETWORKING BREAKS!

We have found some of the most innovative startups in medicine and brought them to Peds 2040! It’s a dedicated area of Peds 2040 called Innovation Beach, and it’s a great chance to learn about new discoveries and see interesting technology demonstrations. Make sure to stop by between sessions to see what Innovation Beach is all about!

INNOVATION BEACH

Do you have an innovative startup that has a great technology or health care solution? You can participate in our Innovation Beach!

If selected, your startup will have an opportunity to display your product, solution, or idea at a special area of Pediatrics 2040 dedicated to highlighting new and exciting innovations from startups like yours.

Participating startups will have a presence on the Pediatrics 2040 website immediately after they are accepted to participate and will get 2 free full-access passes to the entire 4-day conference. Scholarships are available to startups not able to pay a $1,000 participation fee.

Two startups will be awarded the Pediatrics 2040 Innovation Award, one based on the popular vote and one based on a vote by a panel of health care experts and investors.

Space is limited! Contact Laura Beken at lbeken@choc.org or 760.805.5040 for more information.
### FRIDAY SCHEDULE

**Pediatrics 2040: Trends and Innovation for the Next 25 Years**

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| 8:00 AM - 8:30 AM | **Pediatrics 2040: Future Vision**  
Keynote: Patrick Soon-Shiong with Anthony Chang |
| 8:30 AM - 9:15 AM | **Pediatric Innovation: The Present Innovators’ Perspective**  
Moderators: Daniel Kraft and Nick Anas  
Panel: Andrew Lyon, Christopher Longhurst, Mustafa Kabeer, Claire Hoyen, James Hury, Susan Elliott |
| 9:15 AM - 10:00 AM | **Pediatric Innovation: The Future Innovators’ Perspective**  
Moderators: Charlie Thompson and Naomi Fried  
Panel: Juliette Hunt, Samuel Ferguson, Mohammed Sayed |
| 10:00 AM - 10:30 AM | Networking |
| 10:30 AM - 11:15 AM | **Five on Five Session: Regenerative Medicine and 3D Printing**  
Moderators: Bob Guldberg and Scott Hollister  
Panel: Katie Weimer, Phil Schwartz, Timothy Nelson |
| 11:15 AM - 11:45 AM | **Keynote “Dialogue”: Overview of Pediatric Innovation**  
Anthony Chang and Daniel Kraft |
| 11:45 AM - 12:30 PM | **Pediatrics 2040: All Perspectives**  
Anthony Chang, Daniel Kraft, and Faculty |

### SATURDAY SCHEDULE - Special Symposium!
**Medical Intelligence: Big Data and Analytics, Cognitive Computing, and Machine and Deep Learning**

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| 8:00 AM - 8:30 AM | **Artificial Intelligence in Medicine: Past, Present, and Future**  
Keynote: Peter Szolovits with Anthony Chang |
| 8:30 AM - 9:15 AM | **Five on Five Session: The ABCs of Medical Intelligence - Artificial Intelligence, Big Data, and Cloud Computing**  
Moderators: Curtis Langlotz and Timothy Chou  
Panel: Samuel King, Akshay Pottathil, William Feaster, Shawn Dolley |
| 9:15 AM - 10:00 AM | **Five on Five Session: Special Topics in Medical Intelligence I - Big Data and Data Analytics**  
Moderator: Atul Butte  
Panel: André Skupin, Steven Steinhubl, Larry Stofko, Mark Clements, Girish Shirali, Dimitar Baronov |
| 10:00 AM - 10:30 AM | Networking |
| 10:30 AM - 11:15 AM | **Five on Five Session: Special Topics in Medical Intelligence II - Cognitive Computing**  
Moderator: Spyro Mousses  
Panel: Sharief Taraman, James Dzierzanowski, Nardo Manaloto |
| 11:15 AM - 11:30 AM | **Pediatrics 2040: The Best Abstracts**  
Moderator: Atul Butte  
Panel: Peter Szolovits, May Wang |
| 11:30 AM - 1:00 PM | Lunch |
| 1:00 PM - 1:45 PM | **Five on Five Session: Special Topics in Medical Intelligence III - Machine and Deep Learning**  
Moderator: Jeremy Howard  
Panel: Ken Ferrell, May Wang, David Odgers |
| 1:45 PM - 2:30 PM | **Five on Five Session: Applications in Pediatric Medicine**  
Moderators: Marty Kohn and Curtis Kennedy  
Panel: Kevin Maher, Eric Handler, Peter Laussen, Randall C. Wetzel, Eric Williams |
| 2:30 PM - 3:00 PM | Networking |
| 3:00 PM - 4:00 PM | **Round Table: Medical Intelligence and Directions for the Future**  
Anthony Chang, Atul Butte, and Faculty |
| 4:00 PM | Closing Comments |

* Schedule and Speakers Subject to Change
Early Bird Pricing Extended
Ends November 15th!

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Standard Pricing
Begins November 16th

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Workshops
Limited space available!

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**REGISTER NOW AT: peds2040.org**

*Category 1 CME is not being offered for this educational activity*

**WHILE YOU’RE HERE, SEE WHAT SUNNY CALIFORNIA HAS TO OFFER!**

**LOCATION**

THE RITZ-CARLTON, LAGUNA NIGUEL
One Ritz-Carlton Drive, Dana Point, California 92629 USA

REFERENCE “CHOC PEDS2040” TO RECEIVE YOUR DISCOUNTED ROOM RATE BY 12/4/15 - $195 USD PER NIGHT

SPACING IS LIMITED! CALL NOW! +1 (877) 266-6065
Our Mission: Improving Patient Outcomes and Reducing Cost of Care by Taking Noninvasive Monitoring to New Sites and Applications®

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STG-07 32A/CD-05466
For every child. For every step. We are here.

At Nicklaus Children’s Hospital we not only provide care for children, we place the child and the family at the center of a devoted team, guiding them and their family through every step of their journey.

It is because of Nicklaus Children’s Hospital’s innovative approach that once again, no other hospital in Florida has more programs highlighted in U.S. News & World Report’s 2015-16 pediatric rankings. In addition, our neurology and neurosurgery program is ranked 7th in the nation. It is great to be a leader, but it is even better to lead with compassion, innovation and extraordinary care.

We thank our doctors, nurses, support staff, volunteers and donors for helping us achieve another year of excellence in care.
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The Innovation Institute