

Stead Family Department of Pediatrics

Education



University of Iowa
Stead Family
Children's Hospital

**Attendance & CME Credit Code for
Pediatric Grand Rounds September 3, 2021**

43356

****Please text to 844-980-0525 15 minutes before,
anytime during, or 60 minutes after conference****

Stead Family Department of Pediatrics

State of the Department

Eva Tsalikian, MD

Professor and Vice Chair for Clinical Affairs
Stead Family Department of Pediatrics
University of Iowa Carver College of Medicine

Alexander G. Bassuk, MD, PhD

Professor and Chair, Stead Family Department of Pediatrics
Joel and Jay Stead Chair for Leadership in Children's Medicine
Physician-in-Chief, University of Iowa Stead Family Children's Hospital

September 3, 2021

CHANGING MEDICINE.
CHANGING LIVES.®



Congratulations!! and Welcome New Chair and DEO

Alexander G. Bassuk, MD, PhD

Professor and Chair, Stead Family Department of Pediatrics
Joel and Jay Stead Chair for Leadership in Children's Medicine
Physician-in-Chief, University of Iowa Stead Family Children's Hospital

State of the Department

Update on Department faculty, staff

Update on Missions

- Clinical Activity/Stats and numbers
- Research
- Education
- Culture/Resilience

- Women in Pediatrics
- Women faculty in the Stead Family Department of Pediatrics
- One woman faculty


State of the Department

The pandemic surge came to Iowa in October 2020 through about January 2021, but we were prepared:

Stead Family Children's Hospital was not overwhelmed. We admitted adult patients to assist our colleagues in adult Medicine. Department of Pediatrics faculty and trainees provided the best care regardless of age in many circumstances

We observed paucity of childhood illnesses at the usual times of winter and spring to have a surge in the summer months which continues to this time.

- We continued to advance the goals of our missions in Clinical Care, Education and Research
- We did well with the end of FY finances



**Having gone through an uncertain
time last year, I want to declare
that the state of the Stead Family
Department of Pediatrics is very
STRONG!!**

Faculty and Staff

Staff	Number
Faculty (all ranks, as of 11/1/21)	197
PA's, ARNPs (including Pediatrics, Children's Hospital, CHSC, NICU, PICU)	86
Genetic counselors	9
Nursing Staff (including research, clinical, and RNs/MAs around the various clinic locations)	99* *estimate
Residents	49
Fellows	29
Research staff (including clinical and bench research staff, and research interns)	57
Pre-Docs and Post-Docs	26
Administrative Staff (including DEO and CDA offices, HR, Finance, Research support, and divisional support)	67

Faculty By Rank

Faculty (as of 11/1/21)	Tenure Track	Clinical Track	Research Track	No Track	Total
Professors	23	22	-	-	45
Associate Professors	9	46	-	-	55
Assistant Professors	10	67	-	-	77
Associates	-	-	-	2	2
Pediatric Associates	-	-	-	9	9
Biweekly appts	-	-	-	9	9
Total Faculty	42	135	-	20	197

Vice Chair Leadership

Executive Vice Chair	Paul McCray
Education	Riad Rahhal
Clinical Affairs	Eva Tsalikian
Research	Yatin Vyas
Clinical Research	Katherine Mathews
Faculty Development	Ed Bell
Faculty Development	Michael Tansey (Associate Vice Chair)
Inpatient Acute Care	Patrick McNamara
Diversity, Equity, and Inclusion	Joyce Goins-Fernandez 

Division Director Leadership

Cardiology	Ian Law
Child and Community Health	Tom Scholz
Critical Care	Marcelo Auslender
Developmental and Behavioral Pediatrics	Lane Strathearn
Endocrinology and Diabetes	Andrew Norris
Gastroenterology, Hepatology, Pancreatology and Nutrition	Aliye Uc
General Pediatrics and Adolescent Medicine	Rami Boutros
Medical Genetics and Genomics	Hatem El-Shanti
Hematology/Oncology	Yatin Vyas
Infectious Diseases	Damian Krysan
Neonatology	Patrick McNamara
Nephrology, Dialysis and Transplantation	Carla Nester
Neurology	TBD
Pulmonary Medicine	Scott Sheets (interim)
Rheumatology, Allergy and Immunology	Polly Ferguson

All Department leadership continued to meet with me bi-weekly throughout the year to appraise the rapidly changing and difficult situation and advise me on the issues as they arose.



Promotions

Thank you to the Promotions Advisory Committee

Ed Bell – committee chair
Mike Tansey – committee vice chair
Tarah Colaizy
Linda Cooper-Brown
Hatem El-Shanti
Polly Ferguson
Ben Reinking
Jean Robillard
Yatin Vyas
Kelly Wood



to All Recently Promoted Faculty
as of July 1, 2021!

Promotions – Clinical Associate Professor

**Tope Awelewa,
MBChB, MPH**

GenPeds



**Shilpa Balikai,
DO**

Critical Care



Diana Bayer, DO

Rheumatology,
Allergy and
Immunology



**Madhu
Chegondi,
MBBS**

Critical Care



**Meredith
Fishbane-
Gordon, MD**

GenPeds



Promotions – Clinical Associate Professor

Erin Howe, MD
GenPeds



Luis Ochoa, MD
Cardiology



Scott Sheets, DO
Pulmonary



Cody Tigges, DO
Critical Care



Tammy Wilgenbusch, PhD
Developmental
and Behavioral



Promotions – Clinical Professors

Jennifer Jetton, MD
Nephrology



Liuska Pesce, MD
Endocrinology



Melanie Wellington, MD
Infectious Diseases



Promotion – Tenure Track

Janice Staber, MD

Hematology/Oncology

Associate Professor (with tenure)



Patrick Sinn, PhD

Pulmonary

Professor (with tenure)



Awards and Recognitions

- **Dr. Patrick McNamara** (Division Director, Neonatology) was named a Fellow of the American Society of Echocardiography (FASE), the only neonatologist in the world with this designation.
- Congratulations to **Dr. Tim Elgin** in the Division of Neonatology. Dr. Elgin has developed and leads a neonatal simulation workshop titled "*Innovation in Modern Simulation and its Potential to Improve Neonatal Safety, Teamwork Dynamics and Human Factors*" that has been selected to be presented at the 2021 Children's Hospital Neonatal Consortium (CHNC) Annual Symposium in Houston, TX November 1-3, 2021 (subject to pandemic status).
- **Kelly Schieltz, PhD** from the Division of Developmental and Behavioral Pediatrics has been invited to participate in the *Leadership Thought Summit on Challenging Behavior*. This summit is an invitation-only summit bringing together leaders in the field and occurs Dec. 3-4, 2020. Dr. Schieltz was invited by Autism Speaks, one of the foremost advocacy groups in Autism.

Awards and Recognitions

- The College of Medicine publishes a quarterly *Creative Writing Anthology*, highlighting creative works (poems, short stories, etc.) from College of Medicine faculty. **Dr. Kathy Lee-Son** in the Division of Nephrology, Dialysis and Transplantation recently had some poems published in the [Winter 2021](#) issue. Congratulations, Dr. Lee-Son!
- Congratulations to **Dr. Jeff Murray** in Neonatology for recently being selected to receive a 2021 Regents Award for Faculty Excellence. Dr. Murray has been highly sought this year for his expertise on coronaviruses.
- Congratulations to **Dr. Lyndsay Harshman** from the Division of Nephrology, Dialysis and Transplantation on a special recognition. The editors of *Pediatric Nephrology* journal have named her article "**The brain in pediatric chronic kidney disease-the intersection of cognition, neuroimaging, and clinical biomarkers**" as an Editor's Choice pick for 2020.

Election to Societies

[Midwest Society for Pediatric Research](#)

- Adrienne Rahde Bischoff
- Amy Calhoun
- Muse Davis
- Jason Misurac
- Danielle Rios
- Kelly Schieltz

[Society for Pediatric Research](#)

- Amy Calhoun
- Muse Davis
- Heidi Harmon
- Danielle Rios
- Kelly Schieltz

[American Pediatric Society](#)

- Yatin Vyas

UI Stead Family Children's Hospital Earns Rankings in Five Specialties for 2021-22

- 25 in **neonatology**
- 35 in **pediatric orthopedics**
- 41 in **pediatric diabetes and endocrinology**
- 42 in **pediatric nephrology**
- 50 in **pediatric neurology and neurosurgery**



Welcome to the Team

New Faculty – Gastroenterology and General Pediatrics

Nadia Naz, MBBS

Clinical Assistant Professor
(10/4/2021)



Gastroenterology

**Majekodunmi (Majek)
Olaleye, MBBS**

Clinical Assistant Professor



General Pediatrics/Muscatine

Roy Zhou, MD

Clinical Assistant Professor



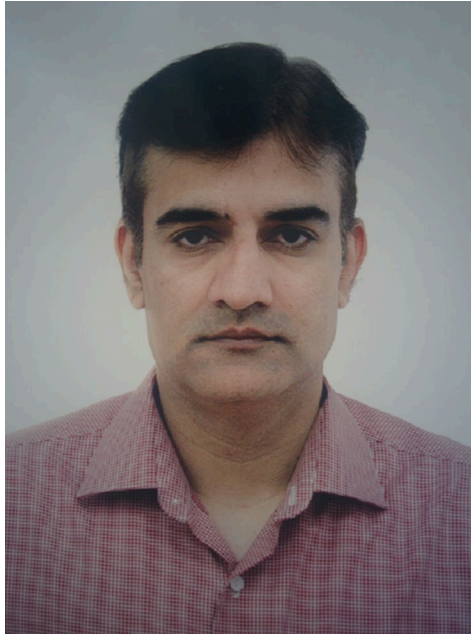
General Pediatrics/
hospitalist/child abuse

New Faculty – Hem/Onc and Neurology

Rajat Sharma, MBBS, MD

Clinical Assistant Professor

(9/27/2021)



Hem/Onc (BMT)

Michael Halyko, MD

Clinical Assistant Professor

(10/23/2021)



Hem/Onc

Dimah Saade, MD

Clinical Assistant Professor

(10/1/2021)



Neurology

New Faculty – Neonatology and Nephrology

Lindsey Knake, MD, MSc
Clinical Assistant Professor



Neonatology

Amy Stanford, MD
Clinical Assistant Professor



Neonatology

Stephanie Houston, DO
Clinical Assistant Professor



Nephrology/Des Moines

New Faculty – Rheumatology, Allergy and Immunology

Katherine Schultz, MD, MME
Clinical Assistant Professor



Shima Yasin, MD, MSc
Assistant Professor



State of the Department

Update on Missions

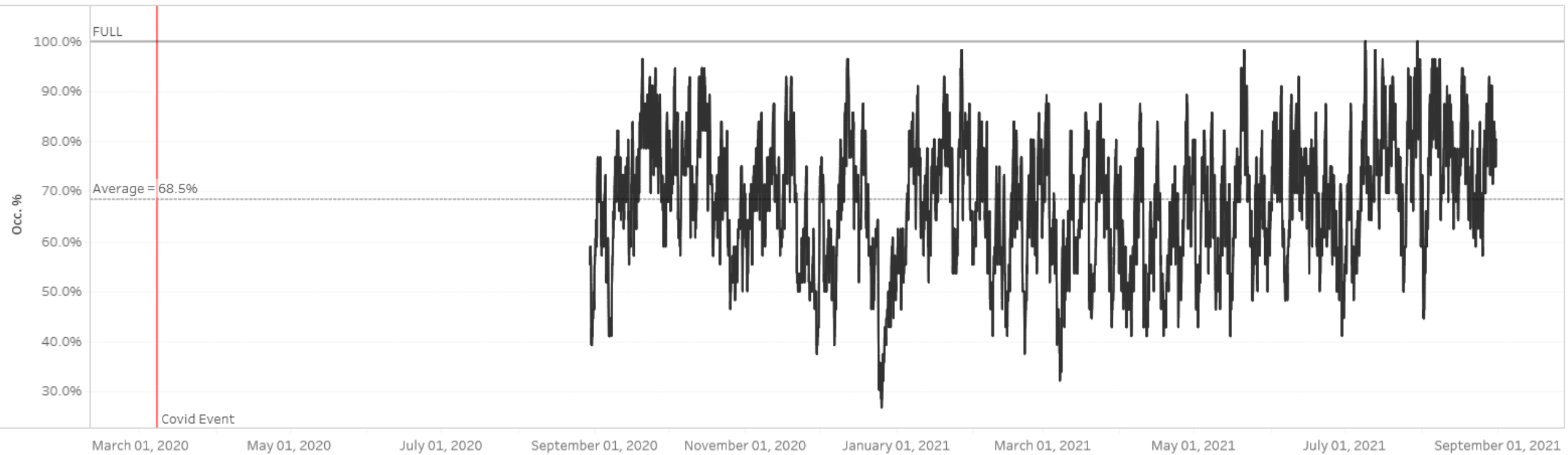
Clinical Activity/Stats and numbers

Research

Education

Culture

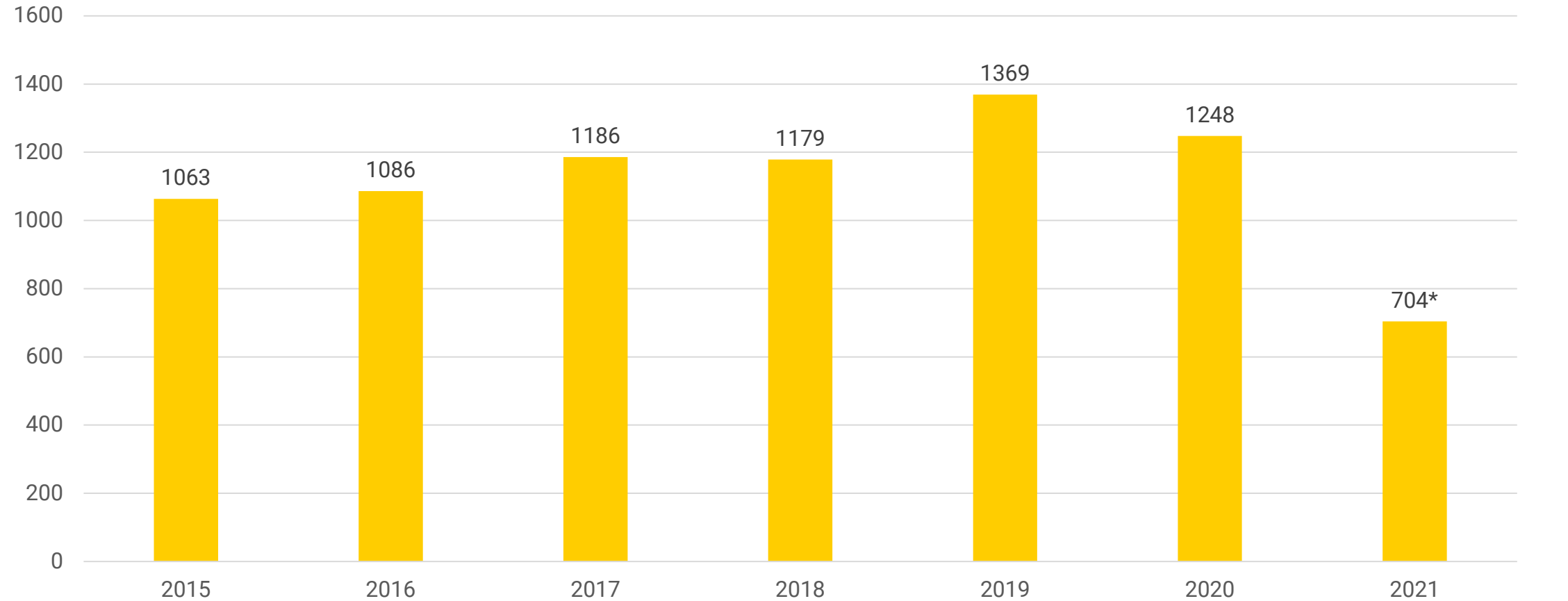
Patient Occupancy – Levels 9 and 10 SFCH



Patient Occupancy – PICU



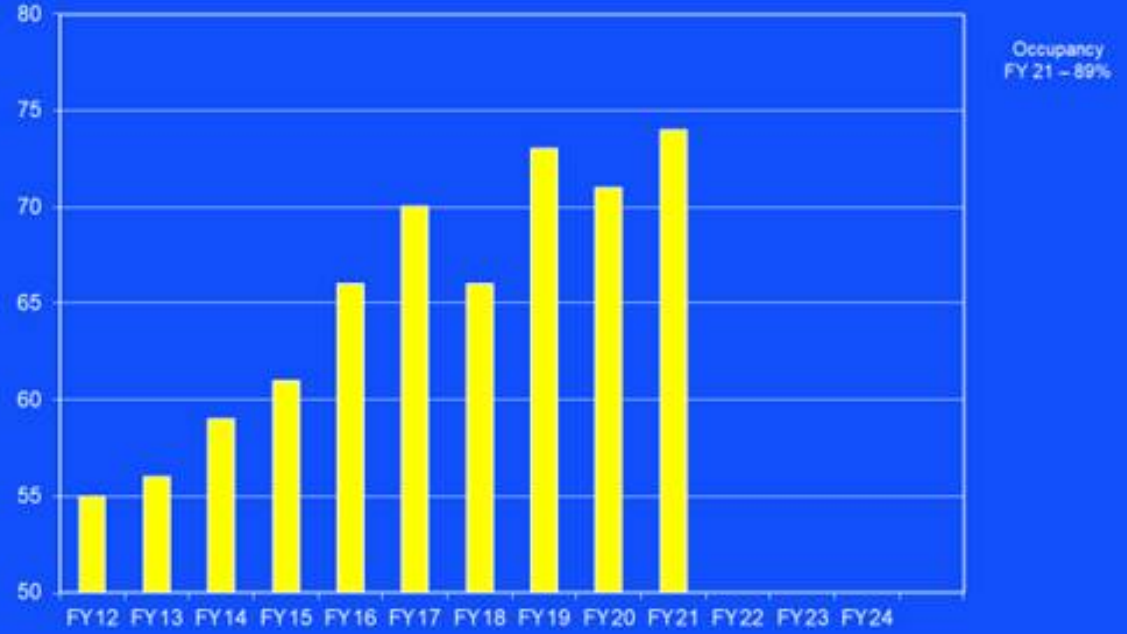
PICU – Admissions



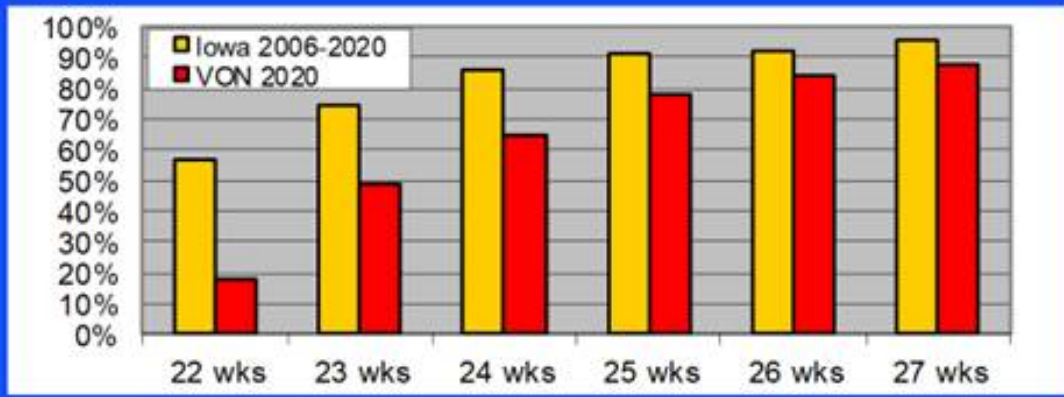
*as of 7/31/21

NICU

NICU - Average Daily Census



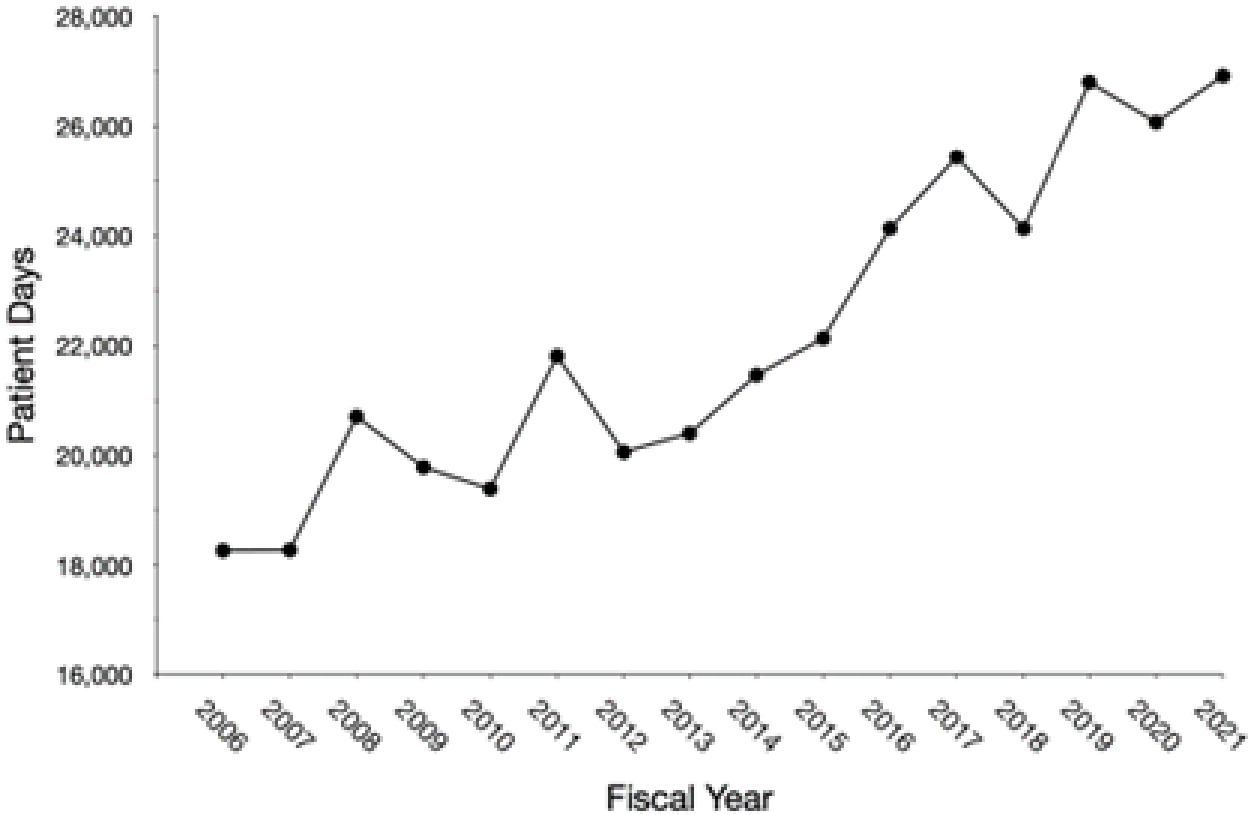
Survival of Inborn VLBW Infants 22 - 27 weeks EGA 2006 - 2020



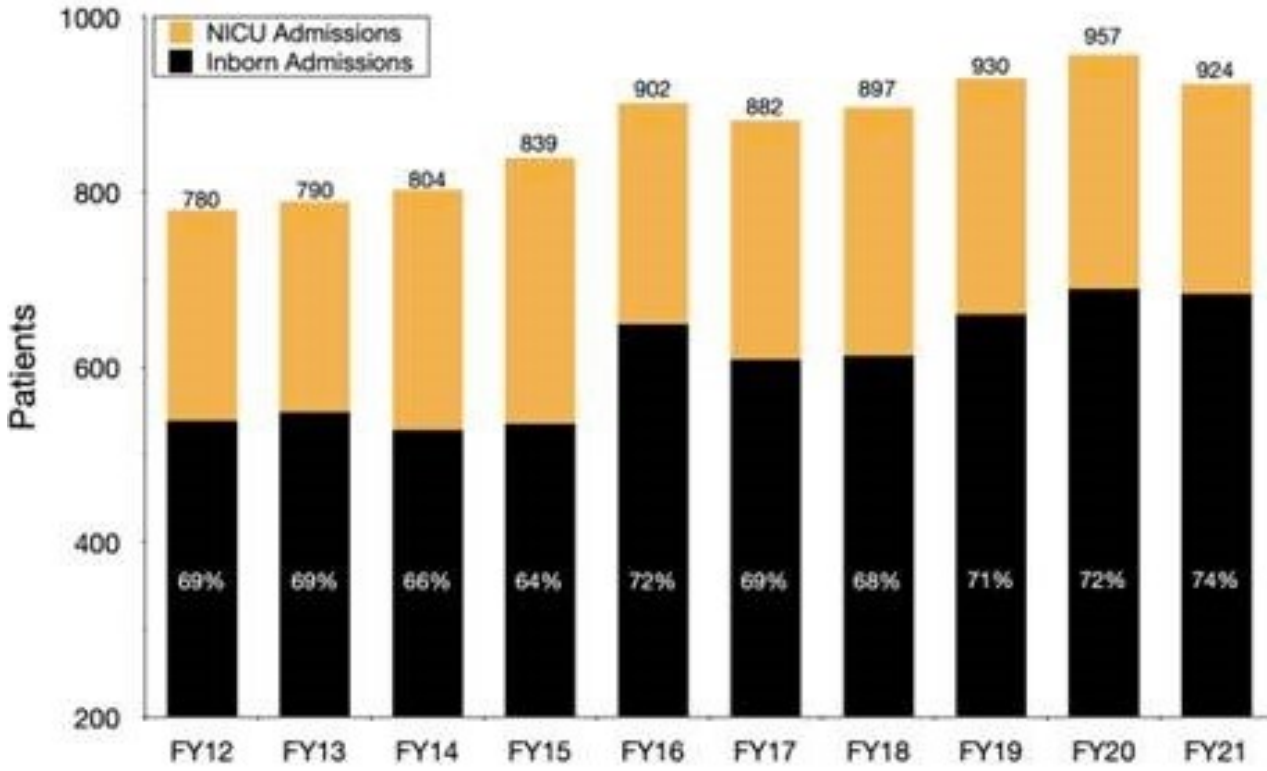
VON: Vermont Oxford Network comparison group of Level 3 and 4 NICUs.

NICU

Total Patient Days in the NICU

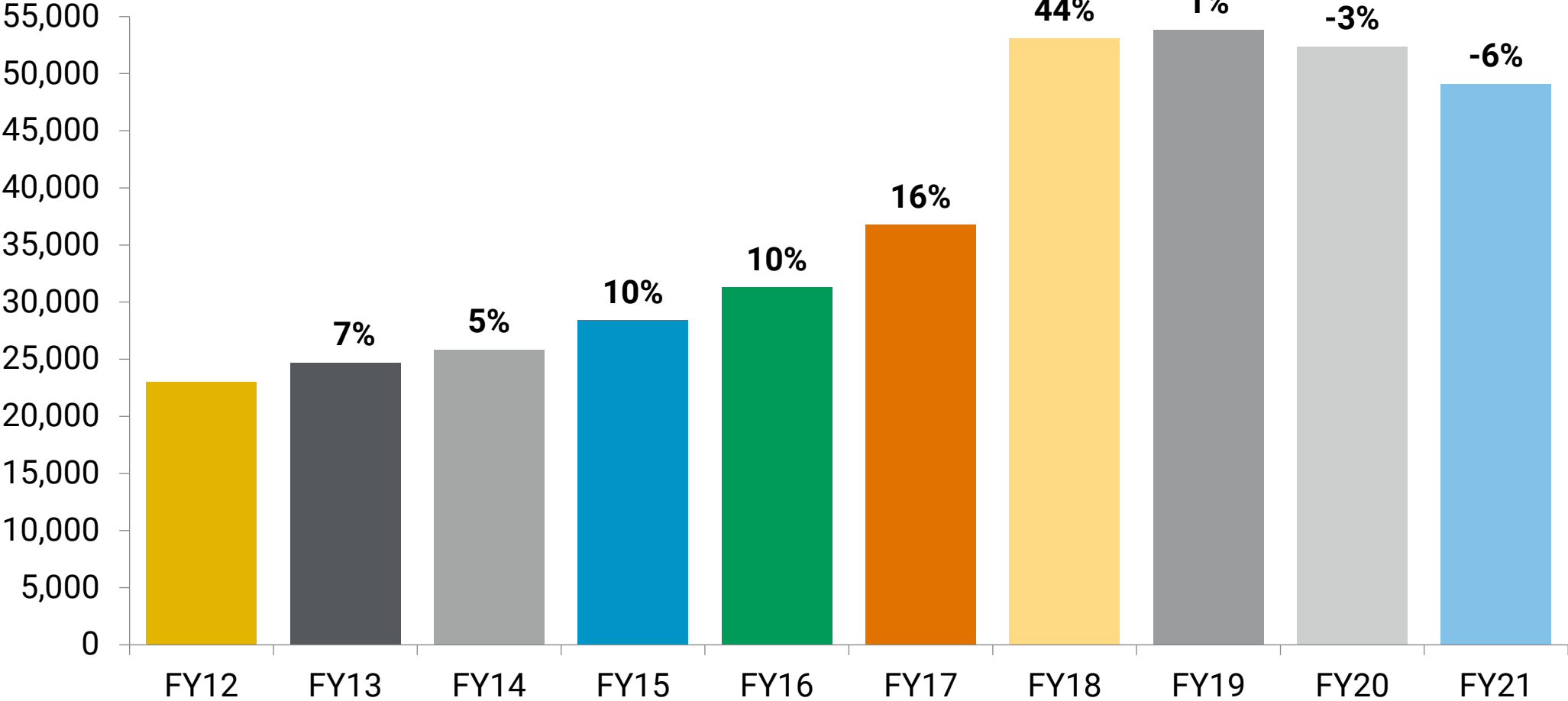


Total NICU Admissions



Clinical Productivity

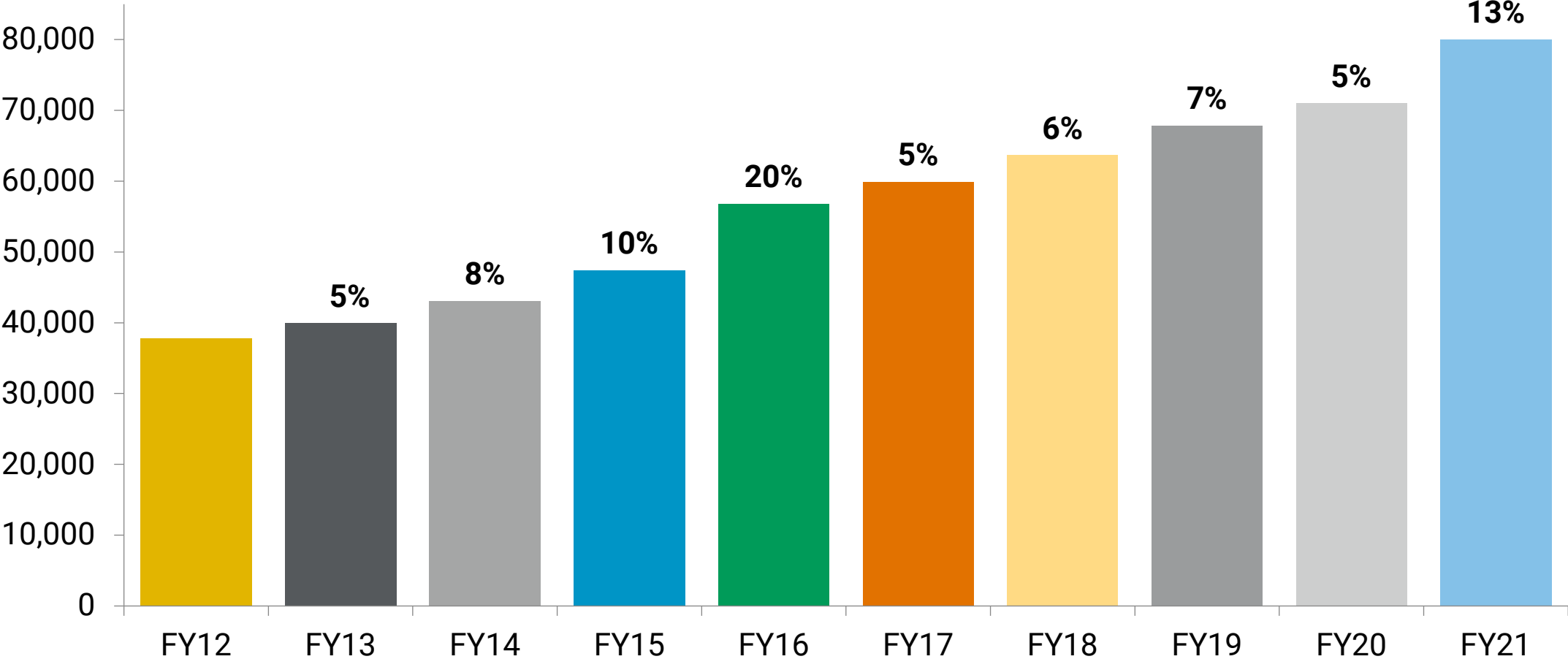
Gen Peds (IRL & UICMS)



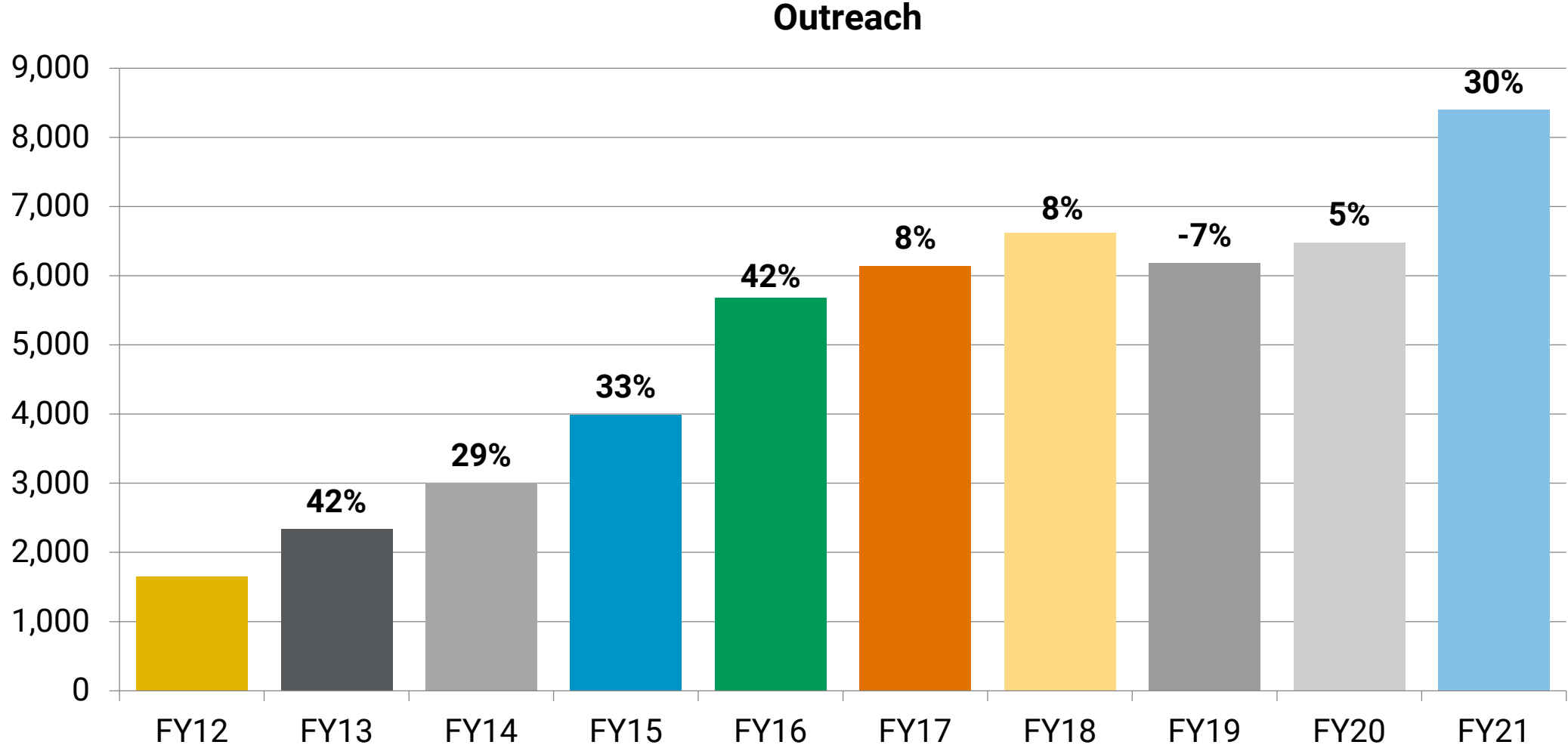
*Acquisition of CR Peds

Clinical Productivity

Peds Specialty (UIHC & IRL)

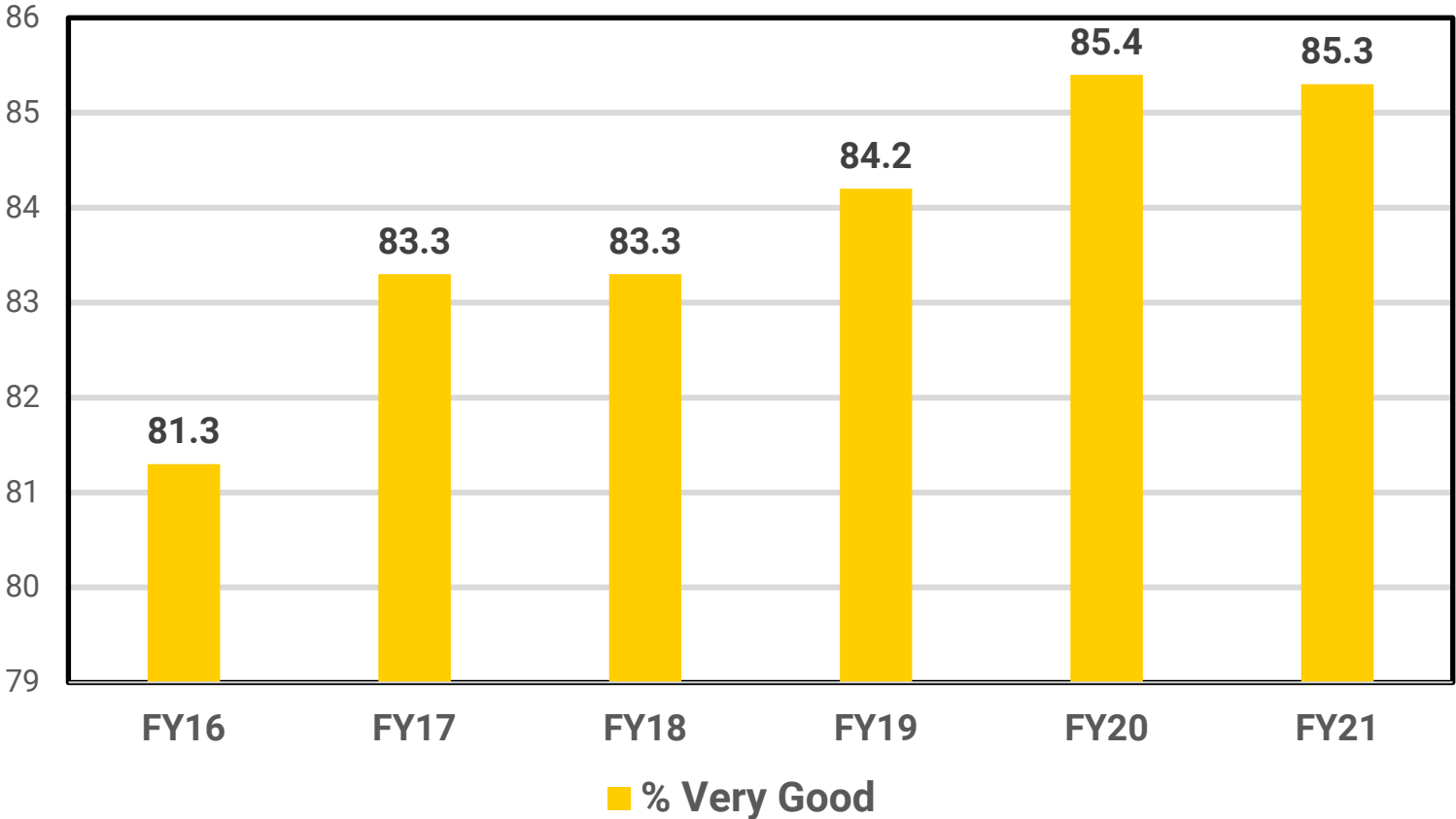


Clinical Productivity



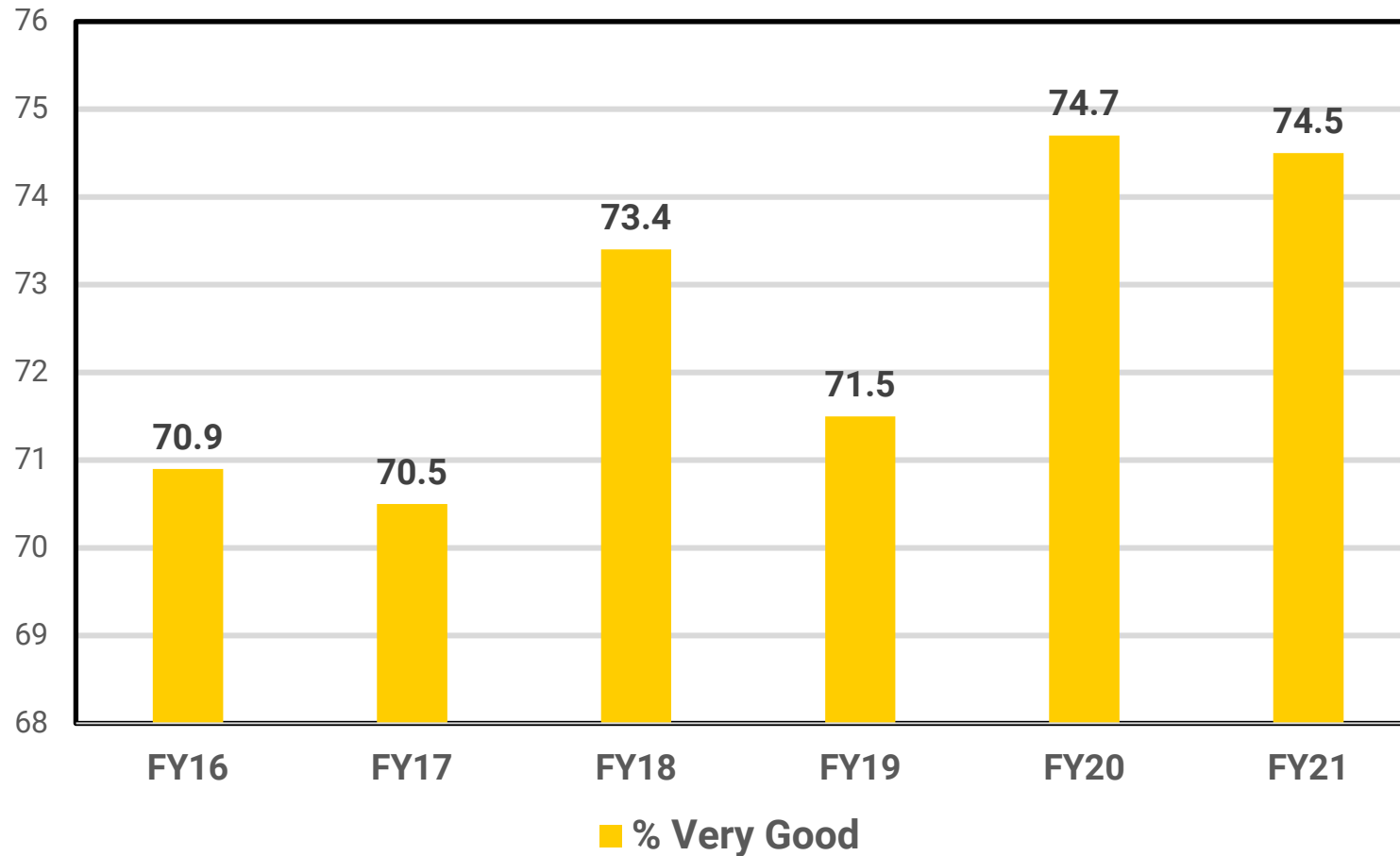
Patient Satisfaction - Outpatient

Pediatrics: Clinic Care Providers (Main Campus, IRL, UICC)
(5 Question Aggregate)



Patient Satisfaction - Inpatient

Pediatrics: Inpatient Care Providers
(5 Question Aggregate)



State of the Department

Update on Missions

Clinical Activity/Stats and numbers

Research

Education

Culture

Publication Highlights

(out of > 500 publications in the last year)

- Kasetti RB, Patel PD, Maddineni P, Patil S, Kiehlbauch C, Millar JC, Searby CC, Raghunathan V, **Sheffield VC**, Zode GS. [ATF4 leads to glaucoma by promoting protein synthesis and ER client protein load](#). *Nat Commun*. 2020 Nov 5;11(1):5594. doi: 10.1038/s41467-020-19352-1. PMID: 33154371; PMCID: PMC7644693. **H Index of 98, Impact Factor 13.78.**
- Hassan AO, Case JB, Winkler ES, Thackray LB, Kafai NM, Bailey AL, McCune BT, Fox JM, Chen RE, Alsoussi WB, Turner JS, Schmitz AJ, Lei T, Shrihari S, Keeler SP, Fremont DH, Greco S, **McCray PB** Jr, Perlman S, Holtzman MJ, Ellebedy AH, Diamond MS. [A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies](#). *Cell*. 2020 Aug 6;182(3):744-753.e4. doi: 10.1016/j.cell.2020.06.011. Epub 2020 Jun 10. PMID: 32553273; PMCID: PMC7284254.. **H Index of 81, Impact Factor 28.45.**

Publication Highlights

- Syed NA, **Grose C**. [Identification of COVID-19 Virus in Human Intraocular Tissues](#). *JAMA Ophthalmol*. 2021 Jul 29. doi: 10.1001/jamaophthalmol.2021.2806. Epub ahead of print. PMID: 34323920.
- Rysavy MA, **Bell EF**. [Neonatal Intensive Care for Very Preterm Infants in China](#). *JAMA Netw Open*. 2021 Aug 2;4(8):e2118940. doi: 10.1001/jamanetworkopen.2021.18940. PMID: 34338796. **H Index 61, Impact Factor 5.71.**

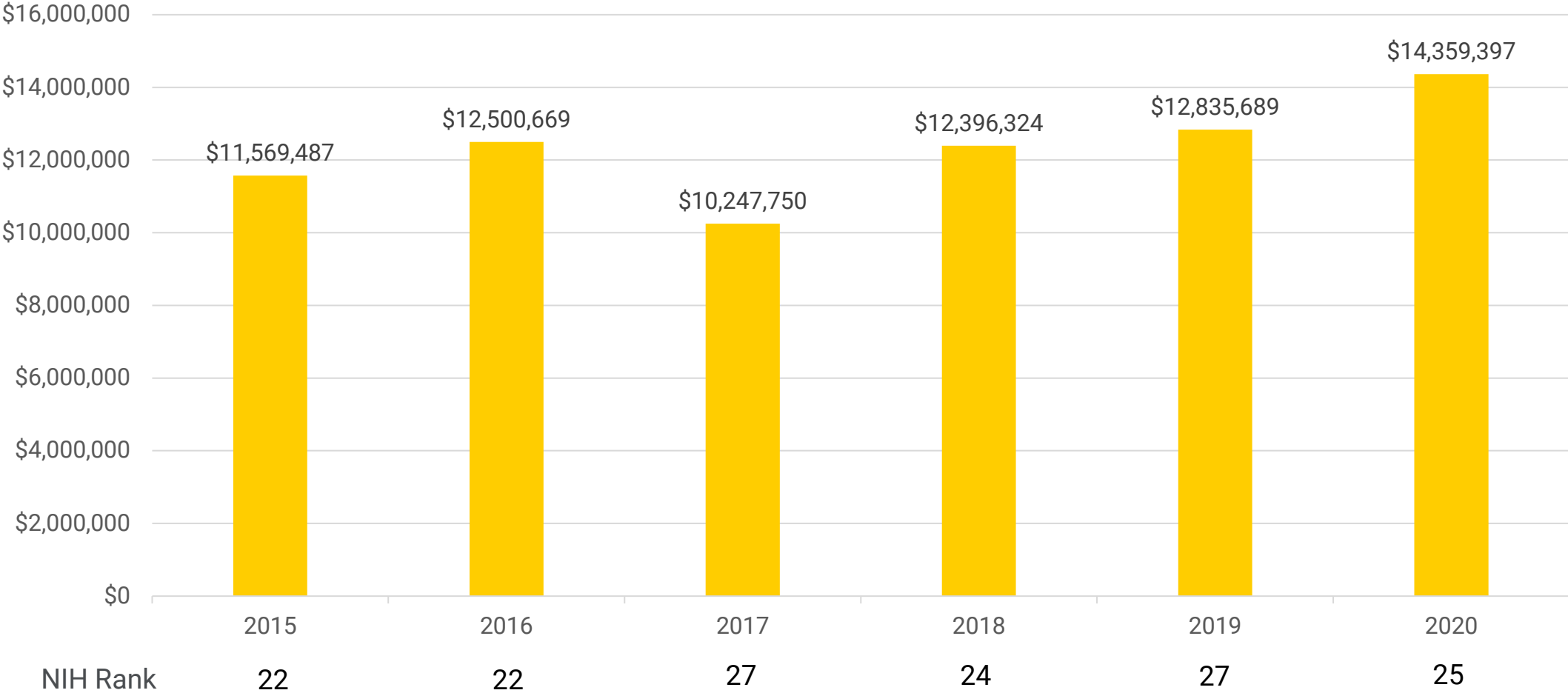
Grants Awarded in FY21 – 135 total

NIH = 41

- R01 = 18 (2 new in FY21)
- R21 = 5 (2 new in FY21)
- R37 = 1
- K08 = 6
- K12 = 1
- K23 = 2
- F30 = 1
- F31 = 1 (new in FY21)
- F32 = 2
- U01 = 1
- UG1 = 1
- R37 = 1
- UG3 = 1
- PO1 = 1 (new in FY21)

- **Other** NIH contracts/pass thru funding = 44
- **Foundation Grants/Other** = 29
- **New** Corporate Sponsored Clinical Trials in FY21 = 21 (110 active studies total)

NIH Grants to Pediatric Departments



State of the Department

Update on Missions

Clinical Activity/Stats and numbers

Research

Education

Culture/Resilience

New Interns



Moh'd Rawhi
Abu Hamad



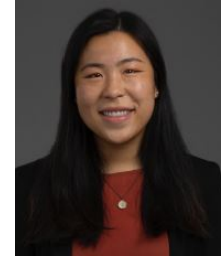
Rawan
Al-Rawi



Yahya
Almodallal



John Belz



Emily Chi



Sawyer
Clement



Miranda
Deutmeyer



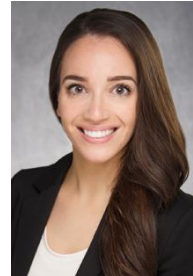
Farbod
Farhang



Natalie
McIntire



Joshua
Mifflin



Irene
Morcuende-
Gonzalez



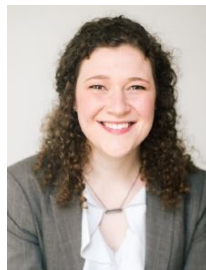
Zachary
Rumlow



Destinee
Schmitz



Elizabeth
Smits



Danielle
Thiessen



Kayla
Walter

1st year Fellows



Numra Aleem



Sussette
Gonzalez



Amy Hobson



Bayan Issa



Arvainth Prasanth
Jawahar



Nadine Kibbi



Nehal Parikh



Maria Graciela
Parra Villasmil



Angelica
Vasquez



Spoorthi
Jagadish

Education Recruitment



On the recruitment of a stellar group of residents and fellows!



- To all education personnel and faculty that rapidly and effectively switched from in person to remote interviewing of candidates for residency and fellowships.

Education Leadership

Vice Chair for Education/Fellowship Director	Dr. Riad Rahhal
Residency <ul style="list-style-type: none">• Program Director• Associate Program Director• Associate Program Director• Associate Program Director	Dr. Amy Stier Dr. Eyad Hanna Dr. Glenda Rabe Dr. Erin Howe
Medical Student Education <ul style="list-style-type: none">• Clerkship Director• Assistant Director• Assistant Director	Dr. Jennifer Jetton Dr. Lauren Kanner Dr. Kristen Sandgren
Education Administration <ul style="list-style-type: none">• Fellowship Coordinators• Residency Coordinators• Clerkship Coordinator	Rick Bonar / Karina Escobedo Jolynn Leyden-Schevers/Linda Raynolds Cathy Chavez

Student Education

- Pediatric faculty offer many hours of education at the M1 and M2 years and the students take the Pediatric Clerkship.
- Medical students on the Pediatric clerkship are exceedingly complimentary of the residents, fellows, faculty, APPs, nurses, and other team members.
- The clerkship director and associate directors regularly hear comments about how willing everyone is to teach and give feedback. The culture here is welcoming and supportive.

State of the Department

Culture/Resilience

- **Wellness survey**

Working at Iowa Survey: Thank you for participating

- Pediatrics Engagement Score: **4.11** (out of 5)
 - **0.16** Above Organization Score (3.95)
- **Pediatrics Strengths** (percent favorable)
 - This organization high-quality care and service (94%)
 - My work is meaningful (94%)
 - I like the work I do (94%)
- **Pediatric Opportunities** (percent unfavorable)
 - My work unit is adequately staffed (33%)
 - I am able to disconnect from work communications during my free time (emails/phone, etc.) (32%)
 - I am able to free my mind from work when I am away from it (30%)

Culture Diversity, Equity, and Inclusion (DEI) committee

Chair:

Joyce Goins-Fernandez, PhD

Vice Chair for DEI in Stead Family Department of Pediatrics

Members:

Alex Bassuk

Diana Bayer

Ana Cary

Michael Colburn

Jeanie Cromer

Hatem El-Shanti

Polly Ferguson

Meredith Fishbane-Gordon

Eyad Hanna

Claire McGranahan

Luis Ochoa

Jennifer Paternostro

Connie Phommaly

Stefanie Pirkl

Riad Rahhal

Ben Reinking

Mariko Sato

Michael Tansey

Yatin Vyas

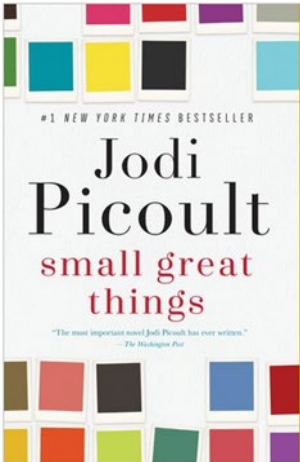
Leah Zhorne

with Kortney Barrett providing admin support.



Diversity, Equity, and Inclusion (DEI) committee

The DEI Committee is starting a **Pediatrics Book Club!**
Everyone is invited to join! Please contact Dr. Goins-Fernandez if you're interested.
First book is **Small Great Things** by Jodi Picoult
Date TBD: (currently looking at a date in October)



Quarterly DEI Townhalls

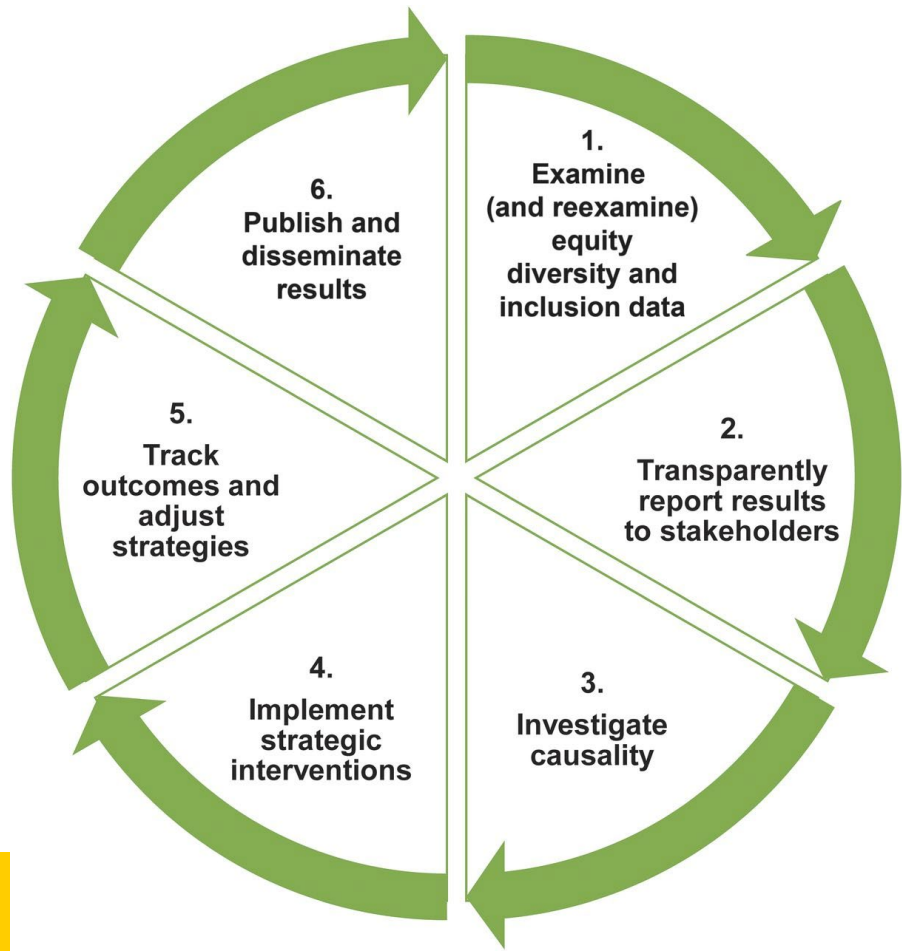
first one will be Sept. 24 at 1:00, right after the Implicit Bias Grand Rounds that day.
The topic will be "Minority Identities and Microaggressions".

Women in Pediatrics

- The number of female pediatricians has rapidly grown over the last few decades.
- According to the American Medical Association physician characteristics and distribution data 2015 edition, in 1970, 21% of pediatricians were women, compared with 59% in 2013.
- The overall pediatric workforce also has increased: A total of 18,332 pediatricians were practicing in 1970, and 84,559 pediatricians were in 2013.
- The sheer number of women who comprise the majority of pediatricians in the US suggests that our specialty has a unique opportunity to stand out as progressively equitable.
- There has been much change to celebrate for women in medicine and pediatrics. [However, many challenges remain.](#)

Women in Pediatrics

Methodology in evaluating Equity, Diversity and Inclusion data



Women in Pediatrics: Progress, Barriers, and Opportunities for Equity, Diversity, and Inclusion
Nancy D. Spector, Philomena A. Asante, Jasmine R. Marcelin, Julie A. Poorman, Allison R. Larson, Arghavan Salles, Amy S. Oxentenko and Julie K. Silver
Pediatrics November 2019, 144 (5) e20192149; DOI: <https://doi.org/10.1542/peds.2019-2149>

Women in the Stead Family Department of Pediatrics

- Present primary faculty roster includes 60.1% women.
- Residency program: 31 of 47 residents in the 3 years of Pediatric residency, 66%, are women and we have 2 women Chief Residents
- Fellowship program: of total 32 fellows 20 are women, 63%.
- Most of other providers in the Department, ARNPs, PAs are women
- Vast majority of all nurses, MAs, NAs are women

Women faculty in the Dept of Pediatrics

- **Promotions:** of 15 faculty promoted to the next rank this year **10 were women.**
- **Part time work:** If they wish, they can work part time, some of women mostly clinical faculty have opted for part time work.
- **Maternity** or other family care leave is available, the Department follows the Institution guidelines. Clinical duties around those times need to always be evaluated carefully to be fair and equitable.

Women faculty in the Dept of Pediatrics

- **Women Leaders in Education:**
 - Residency **program director** and **2 out of 3** associate program directors
 - Student clerkship **director** and **2** associate program directors
 - Fellowship programs: **5 program directors out of 9 are women**

Women faculty in the Dept of Pediatrics

- **Women leaders in clinical settings:**

Director of Palliative care, Dr. Rebecca Benson

Director of Newborn Nursery, Dr. Kelly Wood

Director of Hospitalist program, Dr. Anna Schmidt

Director of L10 inpatient unit, Dr. Katherine Patrick

Director Pediatric Transplant, Dr. Lyndsay Harshman

Director of Hematology, Dr. Anjali Sharathkumar

Director of Psychology, Dr. Linda Cooper Brown

Interim ACQO, Dr. Kathy Lee Son

SFCH Epidemiologist, Dr. Melanie Wellington

Women faculty in the Dept of Pediatrics

Compensation Equity

- We have had a structured incentive plan with compensation according to specialty and rank. Total compensation is the sum of base salary and incentives and in some cases administrative differential.
- When first recruited, women faculty in our Department have been given the same base salary as men for specialty and rank.
- Following initial recruitment, many other factors affect total compensation such as timing of promotion, productivity, administrative differentials

As an example, 9 women but 19 men have an administrative differential in the Department

Recent publication on pay equity

2019 Mayo Foundation for Medical Education and Research n Mayo Clin Proc. 2020;95(1):35-43

Conclusions

“A structured compensation model has been successfully applied in the last few years and has resulted in pay equity generally. **However**, achieving overall gender pay equity will only be fully realized when women achieve parity in the ranks of the most highly compensated specialties and in leadership roles”.

Women in Administrative Leadership in the Stead Family Department of Pediatrics:

- Vice Chairs: 3 women 6 men and one associate vice chair
- Division Directors: 4 women 11 men



Women
IN PEDIATRICS
VIRTUAL CONFERENCE PREMIERE
MISSION
**REVEAL YOUR
UNDERCOVER
CEO**

One woman faculty

Swan Song/ Last Lecture

- I joined the faculty in the Department of Pediatrics on August 1st 1983, as an assistant professor. I rose through the ranks.
- When I became faculty in the Department of Pediatrics, there were very few women faculty.
- No other woman in Endocrinology, one each in Neonatology and Cardiology and couple in General Pediatrics.
- I had many “firsts”: first female Division Director, Vice Chair, Interim Chair 17 years ago and again just recently, first woman UIHC Chief of Staff.



One woman faculty

Division of Pediatric Endocrinology and Diabetes



I was the only Pediatric Endocrinologist for a while and developed a great division (this may have been my greatest achievement) of which I was the division director for 31 years, ably now directed by Andrew Norris, MD, PhD. The division has grown exponentially, we have clinics everyday, in the PSC and IRL and several outreach locations. We have trained many fellows and mentored residents and students with dedication to their education

One woman

Research

- For 15 years, I had a laboratory and performed animal physiology studies, got NIH R01 and other grants.

Clinical research

- I started clinical research with just one clinical trial and a part time research coordinator. Twenty years, several NIH grants and many publications later, the Pediatric Diabetes Research group at the Univ of Iowa, has performed multiple studies on Type 1 diabetes in collaboration with great academic partners from around the country. We have had several millions worth of grants and sponsored research trials and I have been fortunate to have a great collaborator in Dr. Michael Tansey, Julie Coffey, ARNP as our lead research coordinator, Joanne Cabbage, Marissa Goetz and several other coordinators.



One woman faculty





One Woman faculty

Arthur Bonfield
Professor and Associate Dean
for Research Emeritus
UI College of Law



One woman faculty



One woman faculty

In the last 2 years it has been my honor and privilege to serve as your interim Chair.

Thank you for your support, thank you for all you do!

My message to you:

Take care of yourselves, take care of your families.

Enjoy your work. It is important, your patients rely on your knowledge and skills to get better and have healthy and productive lives.

