



NORTHWESTERN DEPARTMENT OF
Medicine

Match 2021!

Northwestern Internal Medicine Residency



Themes in 2020-2021

- Application Inflation
- Changes in grading
 - COVID
 - A slight trend towards more P/F
 - Fewer AOA designations
- Wellness
- Diversity, Equity and Inclusion
 - Holistic Review for DEI with a 16-person committee
 - Spearheaded by Dr. Debi Mitra, Dr. Jonathan Moreira and Dr. Khalilah Gates
 - Used a rubric published by the AAMC that removed school rank, AOA and upweighted leadership, service, life experiences.



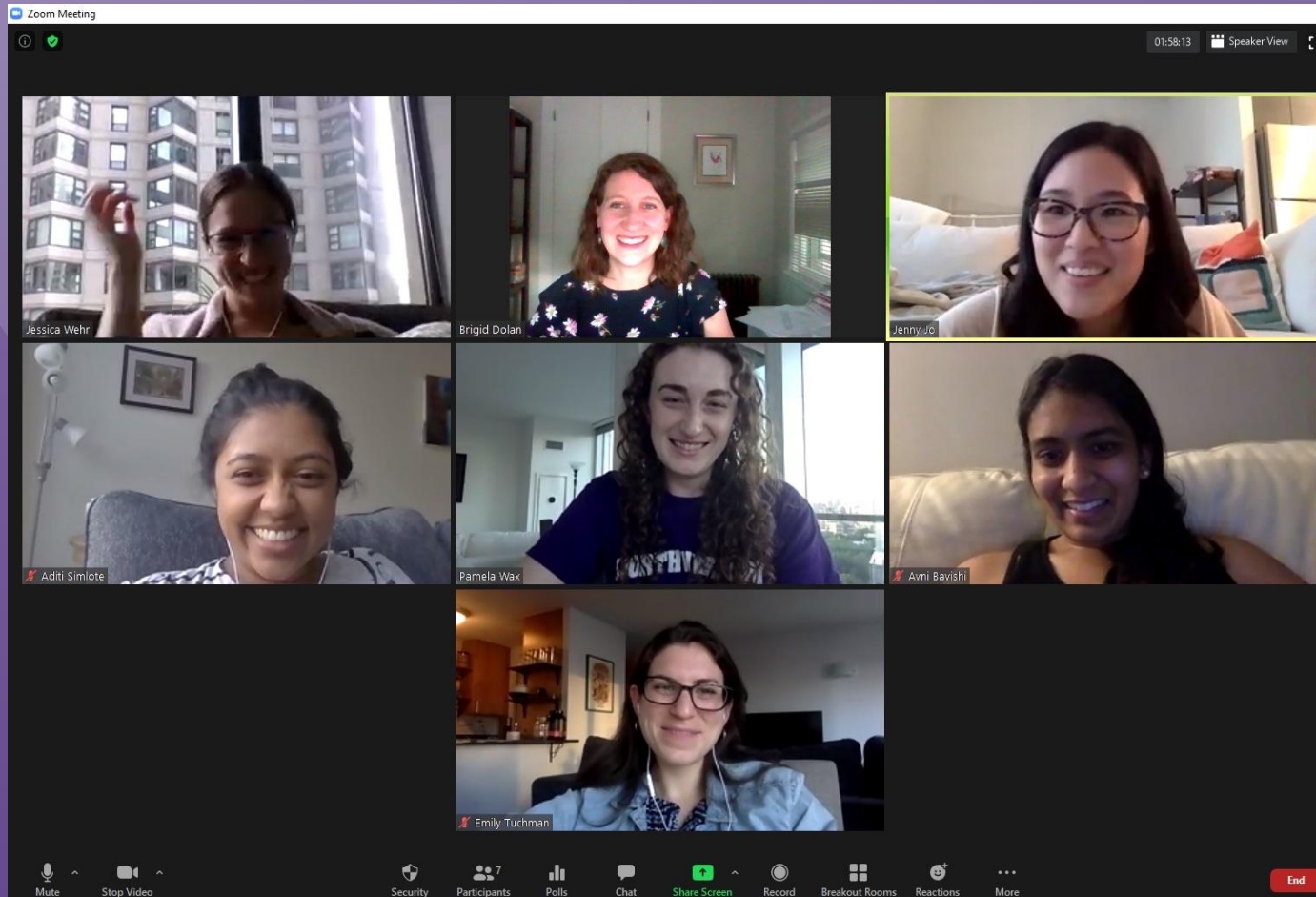
The Virtual Interview Experience

- Pre-Interview: Website, Social Media, Video
- The Interview Day on Zoom
 - Half-day
 - Faculty interviewers in the main room
 - Video tours
 - APD Speed Dating
- Interview Season:
 - Weekly Zoom Socials
 - Matched students with current residents for 1:1 meet 'n' greet
 - DEI meet 'n' greet
 - PD/APD Open House
 - DEI Open House

Loss: Zoom Interactions



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Winner: The Earth

ORIGINAL RESEARCH

The Carbon Footprint of Residency Interview Travel

Laura M. Donahue, MD
Helen K. Morgan, MD
William J. Peterson, MD
John A. Williams, MD, PhD



Results Response rate was 103 of 174 (59%). Average interviews per student across all specialties was 14.39 interviews per student. The overall class average for total carbon footprint per student was calculated as 3.07 metric tons CO₂, making the class average carbon footprint per interview 0.21 metric tons CO₂. If we extrapolate the results of our study to all residents, the resulting CO₂ emissions approach 51 665 metric tons CO₂ per year, which is equivalent to the amount of CO₂ produced by 11 162 passenger cars in 1 year.

Conclusions Medical education leaders could help reduce the carbon footprint by encouraging a reduction in number of in-person interviews attended by applicants.

Loss



NORTHWESTERN DEPARTMENT OF
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Winner



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Medicine



The Chief Medical Residents



Graham Peigh

Jenny Jo

Sneha Thatipelli,

Peter Glynn

Arushi Singh



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Medicine

Thank you to the recruitment team

Kelly Hrdy

Kim Dow

Courtney Jones

Socorro Esparza



Aarati Didwania

Dave Neely

Debi Mitra

Reza Manesh

Patrick Tosetti

Marion Stanley

Special Thanks

Selection Committee

Mike Angarone

Liz Apolonio

Yusra Cheema

Angelo Costas

Rachel Cyrus

Aarati Didwania

Brigid Dolan

Dan Evans

Khalilah Gates

Peter Glynn

Bruce Henschen

Sadiya Khan

Reza Manesh

Gary Martin

Jonathan Moreira

Debi Mitra

Dave Neely

Kevin O'Leary

Jim Otto

James Paparello

Ronak Patel

Graham Peigh

Arushi Singh

Marion Stanley

Sneha Thatipelli

Maria Theodorou

Pat Tosetti

Diane Wayne

Ben Singer: Physician Scientist Training Program

Diversity Selection Committee



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Medicine

Edwin Mandieka

Cheryl Lee

Debi Mitra

Orlyn Rivas

Muriel Jean Jacques

Jonathan Moreira

Kamari Jackson

Khalilah Gates

Julie Vermylen

Chief Medical Residents

Arnold Abud

Faculty Interviewers

> 1000 Faculty Interviews

500 hours of faculty time

- GIM – 252 interviews
- Cards – 132
- Hosp Medicine - 125
- PCCM – 51
- ID – 39

- CMRs – 125





Distinguished Interviewers!

>10

David Neely
Eric Cantey
Jonathan Moreira
Peter Glynn
Maria Theodorou
Debi Mitra
Aditi Puri
Bruce Henschen

>15

James Paparello
Arushi Singh
Michael Angarone
Dan Evans
Emily Jones

>20

Rob Hirschtick
Diane Wayne

>30: MVPs!

Jenny Jo
Sneha Thatipelli
Graham Peigh



Residency Interview Season

3000 applicants

2000 USMG – up 12%

Avg # Programs Applied (USMG) = 34

PSTP – 133 applicants

HO = 61

Cards = 25

GI/Hep = 14

ID = 13

Interviewed

- 440 Categorical Applicants
- 41 PSTP
- 14 Med Derm

Schools

Northwestern – 41

UofC – 9

UofMich – 13

UIC – 16

HBCU – 5

Baylor – 9

Duke – 12

Columbia – 12

UPenn - 19

UofWash – 13

UCSF - 16



Let's Meet the Class of 2024

Categorical Class Stats:

- 10 Northwestern Students
- 15% URiM
- 66-80% with local ties to Chicago/Midwest

4 PSTP

1 MedDerm

Who They Are:

- Budding educators and researchers
- Multilingual
- Advocates for Social Justice
- Muslim, Hindu, Christian, Jewish, Zoroastrian

Most all seem to Bake, watch Netflix and Run long distance

Abdel Ahmed

Medical School:

- Wayne State

Undergraduate:

- University of Western Ontario

Interviewed By:

- Dr. Galvez & Dr. Gutgutia

Interesting fact:

- Significant volunteer work in underserved communities in Detroit – helping the homeless and mentoring school children
- Self-starter – cold contacted GI faculty across the country to do research and has written 6 papers and 9 abstracts.
- Area of interest in colonic polypectomy and interventional GI.



Born in Mississauga, Canada

Abhi Appukutty

Medical School:

- University of Michigan

Undergraduate:

- University of Michigan

Interviewed By:

- Dr. Barsuk & Dr. Adam Lin

Interesting fact:

- Biomedical Engineer with multiple awards for innovation with the development of an advanced laparoscopic surgical camera
- Interested in Academic Hosp Med with research projects on abx overuse and mental health issues post-COVID
- 4x Intramural Soccer Champ at UofM



Born in Troy, Michigan

Anna Briker

Medical School:

- Northwestern

Undergraduate:

- Villanova

Interviewed By:

- Dr. Jane Dematte & Dr. Ronak Patel

Interesting fact:

- Ballet Teacher
- Provided COVID outreach to the elderly
- Hosted a Clinical Problem Solvers podcast case.
- ECMH HTN Project. Wants to do GIM!



Born in Abington, PA

Alexa Carver

Medical School:

- Northwestern

Undergraduate:

- Washington University in St Louis

Interviewed By:

- Dr. Lisa VanWagner & Dr. Lauren Chiec

Interesting fact:

- Minored in art in college – still paints!
- Currently editing her second cookbook of family recipes.
- ECMH project on fall risk
- Interested in Onc. Basic science research in AML with Dr. Eklund.



Born in Carbondale, IL

Anuj Chokshi

Medical School:

- Northwestern

Undergraduate:

- University of Illinois – Champaign

Interviewed By:

- Dr. Peigh & Dr. Wunderink

Interesting fact:

- Chicago Marathon x3!
- Aspiring Barber
- MedEd Project on Medical Spanish.
- Incredible mentorship: Drs. Ike Okwuosa, Edwin Mandieka, Neil Stone, Muriel Jean-Jacque, Jonathan Rich and Esther Vorovich.
- Future Cardiologist.



Born in Bartlett, IL

Yalda Dehghan

Medical School:

- UC San Diego

Undergraduate:

- Berkeley

Interviewed By:

- Dr. Stanley & Dr. Thatipelli

Interesting fact:

- Piano Player and Baker
- Optometrist technician for a year
- Lit review on COVID in pediatrics
- Organized a GI free-clinic for uninsured and still going 3 years later!
- Research in Hep, interest in GI/Hep.



Born in Walnut Creek, CA

Sagar Dommaraju

Medical School:

- Northwestern

Undergraduate:

- University of Illinois Chicago

Interviewed By:

- Dr. Vanagunas & Dr. Manesh

Interesting fact:

- Math Major at UIC
- MSCI in Global Health at UCSF with project on HIV care in Kenya
- Research in HIV and Prostate CA outcomes.
- Dr. Vanagunas – provided tidbit about commonalities between Lithuanian and Telugu!
- FMS Class Senator
- Unofficial Social Chair? –Led virtual workouts, hosts trivia nights and makes braised carnitas tacos.



Born in Westmont, IL

Sarah Dougherty

Medical School:

- University of Iowa

Undergraduate:

- University of Iowa

Interviewed By:

- Dr. Wayne & Dr. Martin-Jones

Interesting fact:

- Marathoner – qualified for the Boston Marathon.
- Interested in QI – did a project on Hyperglycemia management and surgical outcomes.
- Interested in Education – projects on clinical reasoning
- Chair of their wellness committee



Born in Urbandale, IA

Jeffrey Fuchs

Medical School:

- Northwestern

Undergraduate:

- Marquette

Interviewed By:

- Dr. Davidson & Dr. Vassallo

Interesting fact:

- Diane B. Wayne Award for best performance in the Internal Medicine Clerkship
- Research in applied moral theology in medicine!
- Published an article with Dr. Quentin Youmans on mitigating bias in virtual interviewing.
- A lot of volunteer work: Operation Warm Blanket with Dr. Jen Bierman and 'Blessings in a Blanket' providing food to vulnerable schoolchildren.



Born in Littleton, CO

Joseph Fuchs

Medical School:

- University of Colorado

Undergraduate:

- Marquette

Interviewed By:

- Dr. Chiec & Dr. Hauser

Interesting fact:

- Developed a curriculum on spirituality and medicine, focusing on spiritual history taking.
- Tons of volunteer work: Has volunteered with an immigration detention center since 2019 to support undocumented immigrants who are released with little means for shelter or food.
- Engineer who did diagnostics on geospatial satellites before starting med school.



Born in Littleton, CO



NORTHWESTERN DEPARTMENT OF
Medicine

Notable Twins in the DOM

Nisha Ganesh

Medical School:

- Ohio State

Undergraduate:

- Ohio State

Interviewed By:

- Dr. Schaeffer & Dr Bijal Jain

Interesting fact:

- Project on IBD among prisoners
- Project DAWN – project to get naloxone out into the community
- Impressed Dr. Schaeffer with her consistent involvement in community service.



Born in Santa Clara, CA

Jing Gao

Medical School:

- Northwestern

Undergraduate:

- Northwestern

Interviewed By:

- Dr. Peigh & Dr. Barsuk

Interesting fact:

- Moved from China to Westmont, IL
- HPME
- Research in Cirrhotic cardiomyopathy following TIPS with Dr. Boike.
- Paper on management of Ogilvie's Syndrome with Dr. Brenner.
- Lots of MedEd work: Chief of her ECMH and Member on an LCME site visit subcommittee



Chengdu, China

Jakub Glowala

Medical School:

- Harvard

Undergraduate:

- Villanova

Interviewed By:

- Dr. Angarone & Dr. Loie Farina

Interesting fact:

- Has been a personal care assistant for young men with Duchenne muscular dystrophy
- Script writer for "Run the List" podcast and the Harvard Student COVID Curriculum.
- Research project on using an AI for reverse triggering in vent management in ARDS.
- Commuted to school 1 hour each way on NYC Subway from age of 12. GRIT!



Born in Queens, NY

Nicholas Grewal

Medical School:

- University of Chicago

Undergraduate:

- Yale

Interviewed By:

- Drs Jyoti Patel & Al Benson III

Interesting fact:

- Avid baker and record collection
- Music Director of WYBCx Yale Radio in college
- MedEd project on health care inequities
- Gastresophageal adenoCA treatment project. Interest in Heme/Onc career path.



Born in Columbus, OH

Ali Hammoud

Medical School:

- University of Michigan

Undergraduate:

- University of Michigan

Interviewed By:

- Dr. Carlson & Dr. Evans

Interesting fact:

- Hobbies: SciFi, Horology...
- Lead Student COVID volunteer response by helping organize.
- Heavily involved in med school admissions, student council, LCME review
- MedEd research project on student evaluations.



Born in Dearborn, MI

Maria Hernandez

Medical School:

- University of Texas at Houston

Undergraduate:

- University of Texas at Austin

Interviewed By:

- Dr. Moreira & Dr. Liggett

Interesting fact:

- Salsa dancer and Peloton enthusiast
- Gold Humanism Honor Society.
- Strong community service and interest in health care disparities
- Project in PAH and considering PCCM.



Born in Medellin, Colombia;
Clute, Texas

Patrick Keller

Medical School:

- University of Kentucky

Undergraduate:

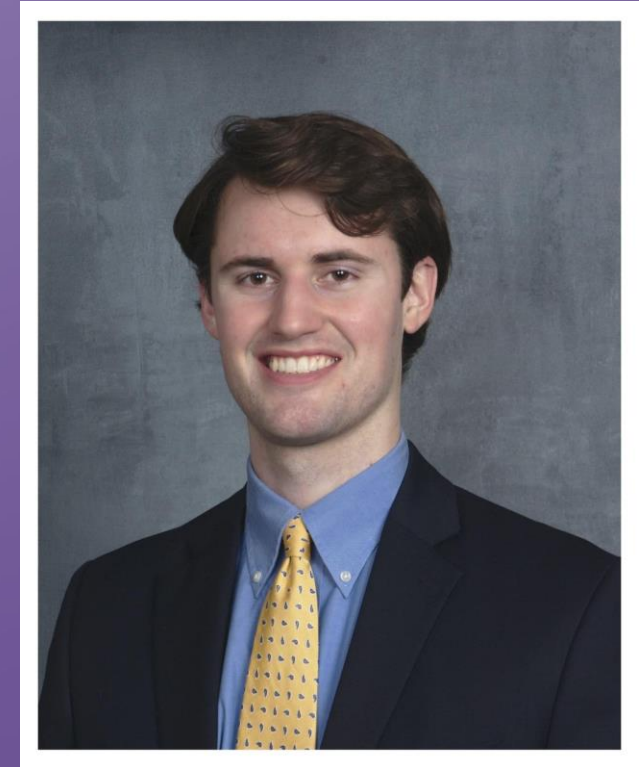
- Denison University

Interviewed By:

- Dr. Puthumana & Dr. Barsuk

Interesting fact:

- 4 years of varsity basketball in college
- Fulbright Finalist
- Research in management of CNS lymphoma.
- Interested in PCCM and Hosp Med



Born in Lexington, KY

Sarah Khorasani

Medical School:

- Tufts

Undergraduate:

- Georgetown

Interviewed By:

- Dr. Stevens & Dr. Wolfe

Interesting fact:

- Glass cutter and life long soccer player
- PPE spotter
- MPH – project on boosting vaccination rates in prisoners
- Interested in equity, advocacy and SDoH



Born in Brookline, MA

Kevin Lin

Medical School:

- Northwestern

Undergraduate:

- Washington University in St Louis

Interviewed By:

- Dr. Bonow & Dr. Puthumana

Interesting fact:

- Runner: Marathon and closing in on a sub-5-minute mile!
- Imaging research for 3 years on Bicuspid Valve and aortic root morphology.
- FSM Committee for Equity looking at AOA society selection and reform.



Born in Dublin, OH

Samuel Luebbe

Medical School:

- Indiana University

Undergraduate:

- Indiana University

Interviewed By:

- Dr. Gonsalves & Dr. Peigh

Interesting fact:

- Masters degree in informatics.
- Helped create financial literacy program for med students.
- Research in interventional GI and CVD outcomes in liver disease.



Born in

Rushad Machhi

Medical School:

- University of Wisconsin

Undergraduate:

- University of Wisconsin

Interviewed By:

- Dr. Akhter & Dr. Buck

Interesting fact:

- Marathoner and Sport's writer for The Daily Cardinal and Packer's Fan
- Father is a surgeon - "My father's favorite saying, "treat the patient, not the chart"
- Volunteer work recording incarcerated mothers read books for their children at home.
- Chemical Engineer, Onc (RCC) research with a career interest in Heme/Onc



Born in Mequon, WI

Benjamin Magod

Medical School:

- Emory

Undergraduate:

- Washington and Lee University

Interviewed By:

- Dr. Kamp & Dr. Hussain

Interesting fact:

- Led in the development of a preventative health video series. Also, global health relief work.
- Research in GU cancers and immune checkpoint inhibitors.
- Emory University 3-time Intramural Champion in Flag Football and Soccer



Born in Greensboro, NC

Hannah Mallaro

Medical School:

- Northwestern

Undergraduate:

- Vanderbilt

Interviewed By:

- Dr. Liebovitz & Dr. Budinger

Interesting fact:

- Research in Ophtho and Peds
- Student Member of the FSM Assessment Committee under Dr. Brigid Dolan
- The eldest of 4 sisters
- The Dr. John Clarke Award for outstanding graduating student going into Internal Medicine.



Born in Cedar Falls, IA

Tassiana Maloof

Medical School:

- Ohio State

Undergraduate:

- The Ohio State University

Interviewed By:

- Dr. Jyoti Patel & Dr. Brigid Dolan

Interesting fact:

- Lots of volunteer work in teaching and advocacy.
- Worked with Ohio Save a Hero to acquire and deliver PPE to first responders.
- Developed a mobile app to address helping kids take medication



Hometown in Dublin,
Ohio and Brazil

Olive Osaghae

Medical School:

- University of Illinois

Undergraduate:

- Northwestern

Interviewed By:

- Dr. Moreira & Dr. Bierman

Interesting fact:

- Fluid painter
- Research year Dr. Mary McDermott studying PAD.
- Interested in equity/advocacy with work in anti-violence campaign.
- Clinical interest in Geriatrics and Community Health.



Born in Chicago

Kruti Patel

Medical School:

- University of Illinois

Undergraduate:

- Northwestern

Interviewed By:

- Dr. Bijal Jain & Dr. Freed

Interesting fact:

- Gold Humanism Honor Society
- Speaks 4 languages
- Ongoing research through medical school with Dr. Mary McDermott in Peripheral Arterial Disease.
- Society for Vascular Medicine Young Investigator Award Finalist.



Born in Hoffman Estates, IL

Ruchi Patel

Medical School:

- Northwestern

Undergraduate:

- Northwestern

Interviewed By:

- Dr. Jyoti Patel & Dr. Desai

Interesting fact:

- HPME
- Trained in classic Indian dance.
- Project with Dr. Neil Stone on the Hand Swipe physical exam maneuver to detect Raynaud's
- Cardio-Onc project with Dr. Nausheen Akhter.
- Interest in Rheumatology and Cardiology
- COVID virtual scribe and patient phone call outreach



Hometowns of Sycamore, IL;
Dwight, IL; Carroll, IA

Pamela Ropski

Medical School:

- University of Utah

Undergraduate:

- Idaho State

Interviewed By:

- Dr. Szmuiłowicz & Dr. Munshi

Interesting fact:

- Division 1 Track and Cross-Country athlete in college.
- Referred by NU_IntMed alum Andy Badke!
- Lots of outstanding PCCM research: hypersensitivity pneumonitis, ECMO...
- "I've wanted to work at Northwestern since I was 8 years old"



Hometowns in Meridian, ID;
Arlington Heights, IL

Emma Rosenbluth

Medical School:

- Mt. Sinai

Undergraduate:

- Tufts

Interviewed By:

- Dr. Glynn & Dr. Paparello

Interesting fact:

- Barista for all 4 years of college
- Worked for 1 year doing humanitarian relief work in Argentina – has also done human rights work with asylum seekers in NYC.
- Spent a 5th year of medical school as a funded research scholar in Division of GI/Hepatology – project on NAFLD and Pregnancy



Born in Brooklyn, NY

Joshua Sink

Medical School:

- Loyola

Undergraduate:

- Vanderbilt

Interviewed By:

- Dr. Bradley & Dr Moreira

Interesting fact:

- Gold Humanism Honor Society
- Helped establish a clinic for refugees at Loyola.
- Worked for 4 years at Abbott as an engineer in ICD manufacturing.
- Has worked with our EP faculty and plans to pursue electrophysiology.



Born in Hinsdale, IL

Saad Syed

Medical School:

- Stanford

Undergraduate:

- Yale

Interviewed By:

- Dr. Peigh & Dr Chiec

Interesting fact:

- Gates Millennium Scholar
- Latin Dictionary Gold Medalist
- Stand-up Comic
- Stanford Muslim Medical Association Co-President.
- Interest in genetics – project doing GWAS across rare disease to identify common mutations. Also study in congenital heart disease.



Born in Chicago

Jeffrey Than

Medical School:

- Baylor

Undergraduate:

- Emory

Interviewed By:

- Dr. Shanahan & Dr. Carlson

Interesting fact:

- Ornithologist
- Long distance runner
- 1 year doing health care consulting (found 1.3 million in waste in a 3-month analysis)
- Research in urology and ENT...likes to scope.
- Wants to GI!



Born in Houston, TX

Alexander Worix

Medical School:

- Southern Illinois University

Undergraduate:

- University of Michigan

Interviewed By:

- Dr. Hirschtick & Dr. Bijal Jain

Interesting fact:

- WC4BL Founding Member at SIU
- SNMA Executive Board
- Anti-Bias Curriculum Developer
- Research in Cardiology – Meta-analysis of PCSK9-inh. Additional project in Transfusion complications in HF.
- Clinical interest in GI and Colon Cancer.



Born in Crete, IL

Jessica Zimo

Medical School:

- University of Pittsburgh

Undergraduate:

- Northeastern University

Interviewed By:

- Dr. Stanley & Dr. Schimmel

Interesting fact:

- Runner, ballroom dancer, baker
- Interest in Women's Health with projects in emergency contraception, perinatal marijuana use
- Passionate about Social Justice and reproductive rights with lots of advocacy work



Born in Bedford, NH

Prarthana Dalal- PSTP

Medical School:

- Northwestern

Undergraduate:

- Northwestern

Interviewed By:

- Dr. Melanie Smith, Dr. Wallia, Dr. Gradishar, Dr. Arispe, Dr. Eklund & Dr. Shalatifard

Interesting fact:

- FSM Student's Promotion Committee
- Trained in classical Indian Dance (Bharatnatyam)
- PhD studying leukocyte transendothelial migration in inflammation.
- Plans to pursue Heme/Onc



Born in Leawood, KS

Natania Field-PSTP

Medical School:

- University of Pennsylvania

Undergraduate:

- Columbia University

Interviewed By:

- Dr. Jo, Dr. Dematte, Dr. Brown, Dr. Ramsey-Goldman, Dr. Walunas, Dr. Perlman & Dr. Cuda

Interesting fact:

- Dance enthusiast and trained in classical Indian Dance (Bharatnatyam)
- PhD – studied role of ubiquitin in CD4 T-cell proliferation.
- Interested in Rheum



Born in Haverford, PA

Paulius Kuprys

Medical School:

- Loyola

Undergraduate:

- Lake Forest College

Interviewed By:

- Dr. Theodorou & Dr. Welter

Interesting fact:

- Fluent in Lithuanian and spent time there doing medical research in microbiology.
- PhD studying the intersection of IBD and microbiome, including the effects of alcohol on the gut.
- Summary: more *Enterobacteriaceae* bad, more *Lactobacillus* good. (in a mouse model)
- Plans to pursue GI/Hep



Born in Riverside, IL

Nathaniel Murphy- PSTP

Medical School:

- Ohio State

Undergraduate:

- Wesleyan

Interviewed By:

- Dr. George, Dr. Bonow, Dr. Wasserstrom, Dr. Freed, Dr. Khan & Dr. Arora

Interesting fact:

- During the COVID-19 crisis, worked as a laboratory technician in the joint Battelle/OSU "pop-up" lab.
- Swimmer and former lifeguard
- Plays trumpet
- PhD studying the molecular mechanisms of arrhythmogenic cardiomyopathy (ACM).



Born in Bloomington, IL

Samantha Guhan- MedDerm

Medical School:

- Harvard

Undergraduate:

- Harvard

Interviewed By:

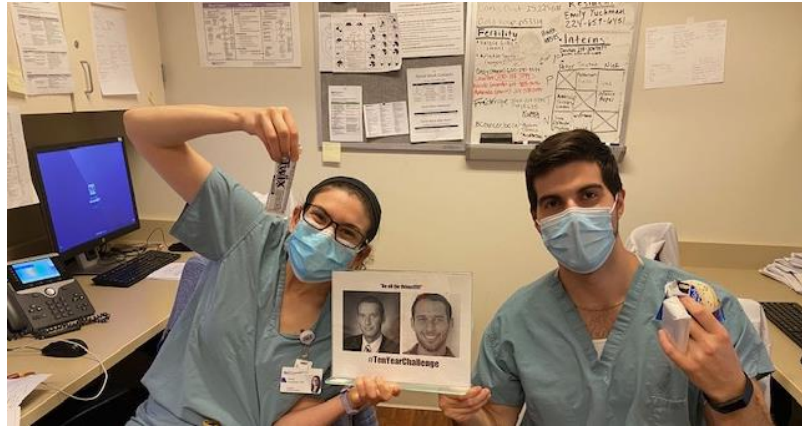
- Dr. Cohen & Dr. David Vermylen

Interesting fact:

- Did a research year at MGH looking at the genetics of melanoma in non-white patients.
- Harvard Varsity Women's Lightweight Crew team coxswain -- silver medal at the national championships.
- Plan is to do Med-Derm then Oncology



Born in Westlake Village, CA



Welcome to our Class of 2024!



Faculty Beam Purple

Faculty who matched 2 students

- Marion Stanley
- Bob Bonow
- Jane Dematte
- Dusty Carlson
- Jyothy Puthamana

Faculty who matched 3+ students

- Lauren Chiec
- Jonathan Moriera
- Jyoti Patel
- Graham Peigh
- Jeff Barsuk
- Manu Jain







