

RELATING TO HEALTH AND SAFETY -- PROTECTION OF CHILDREN -- PHYSICAL
SEX CHARACTERISTICS SURGERY ACT

Introduced By: Senator Tiara T. Mack and Representatives Kislak, McNamara, Potter, Felix, Alzate, Cassar, Cortvriend, Ajello, Donovan, and Henries

Dates Introduced: March 11, 2021 and March 26, 2021

Referred To: Senate Health & Human Services and House Judiciary

Senate Bill S0593: <http://webserver.rilin.state.ri.us/BillText/BillText21/SenateText21/S0593.pdf>

House Bill 6171: <http://webserver.rilin.state.ri.us/BillText/BillText21/HouseText21/H6171.pdf>

We are writing in committed support for Rhode Island twin Senate / House Bills 0593 and 6171 “Protection of Youth with Variations in Physical Sex Characteristics Act”. These bills promote the health of the 1-2% of infants and children under 12 born with physical traits that vary from socially-informed, stereotypical notions regarding the development, appearance or function of sex characteristics. These bills would ban non-consensual, irreversible, medically unnecessary surgeries for cosmetic "normalization" including clitoroplasties, clitoral recessions, vaginoplasties, vaginal exteriorization and similar surgeries. Multiple United Nations treaty committees and expert bodies have condemned these surgeries, some even likening them to a form of torture or ill-treatment. We stand with:

American Academy of Family Physicians
World Health Organization
Physicians for Human Rights
Human Rights Watch
Amnesty International
Lambda Legal
The ACLU

The Trevor Project
GLSEN (Gay, Lesbian and Straight
Education Network)
GLMA (GLMA: Health Professionals
Advancing LGBTQ Equality)
National Center for Lesbian Rights
Equality California

And every intersex-led organization in the world focusing on this population who have condemned non-medically necessary genital surgeries on infants as a human rights violation.

We are in full support of bills S0593 and 6171 for intersex bodily autonomy and an appropriate age of assent and consent in Rhode Island. Consent is a cornerstone of modern medicine, and physicians are bound to respect the ethical principles of beneficence, nonmaleficence and autonomy. Although treatments for children with what is medically diagnosed as “disorders of sex development” are often done with the intent of providing children access to a “normal” childhood development, these surgeries deny children intact genital, urinary, vascular, somatic and autonomic nervous systems and medically enforces societal stigma. Individuals who are intersex are not "abnormal", and operating on infants has definitive consequences. Although intersex conditions can accompany endocrinological medical needs, those aspects of care do not justify non-consensual surgeries. Countless individuals who identify as intersex with conditions such as an androgen insensitivity syndrome and congenital adrenal hyperplasia have spoken out against these surgeries. Patients report pain, stigma, scarring and trauma due to “corrective” procedures, follow-up examinations and research studies endured throughout childhood.

Medicine is advancing, and with it, must the legal systems which uphold the rights of vulnerable populations. Boston Children's Hospital recently made the decision to end the practice of clitoroplasties and vaginoplasties, following the decision by Lurie Children's Hospital to issue a complete moratorium on intersex surgeries. The American Medical Association Board of Trustees also recommends a delay of all procedures unless they are necessary to address a life-threatening risk. Legislation protecting against harmful surgical interventions have been introduced in California, Connecticut and New York. These medico-legal milestones are made with bipartisan support and a commitment to human rights due to the leadership of intersex youth, adults and elders through decades of activism to secure safe medical care for themselves.

Despite claims by supporters of early surgery that patients are satisfied with their outcome, a look at decades of medical, ethical and narrative literature demonstrates both low responses rates for intersex studies carried out by surgeons and consistent complaints made by patients across genders and diagnoses regarding the physical and emotional trauma endured by non-consensual corrective surgeries. A study carried out 2 decades ago showed that out of 44 adolescents with CAH who had surgery in early childhood, 98% required additional surgery to permit penetrative intercourse. In a later study, it was found that 40% CAH individuals who received early surgery always found it impossible to orgasm compared with none of those with CAH who had not received surgery. A subsequent study found that 80% of individuals with CAH who had surgery experienced pain during vaginal penetration, and a 2013 study confirmed that "no matter the technique for vaginoplasty used, vaginal stenosis are quite common, needing surgical revision or vaginal dilations after puberty".

Although physicians often report that operations have advanced and are now "nerve sparing" and thereby allow for optimal sexual functioning, the only significant studies which demonstrated this utilize electromyographic (EMG) responses or a relative elevation in general sensation compared to one's leg. The former technique has been found to not correlate with sexual neurological function, as it measures the presence of any myogenic potentials in the stimulated area, not the smaller diameter fibers which carry the sensory signals of pressure, vibration, heat, cold and pain. A notable example of this faulty correlation is a patient who retained no sensation or orgasm potential after her surgeries, who still demonstrated neuromuscular response over her completely resected clitoris. The second study mentioned has been widely critiqued for "sex testing" on minors as young as 6 years old. These minors were instructed to rate the sensation of vibrational genital stimulation from 0 to 5, and the result of increased vibratory sensation of one's clitoris compared to their leg has been used by some pediatric urologists to inappropriately claim that sexual function is unharmed by childhood genital surgeries. As genital tissue possesses specialized cells which transduce magnified sensation, increased sensation is a finding that would occur unless one's genitalia were completely resected, as was standard of care decades ago. Furthermore, in the contemporary "nerve-sparing clitoral reduction" surgeries the spongy erectile and autonomic nervous system tissue within the clitoral body is completely excised, and the dorsal nerve is transected along its branches, denying patients endocrine and neurologic functions which have been shown to play a role in sexual pleasure, fertility and genitourinary health.

The surgeon critiqued for carrying out genital stimulation testing on minors did not mention on his parent-facing hospital website that in 2013, 6 years after he had published the initial outcomes of his novel nerve-sparing surgeries, the “most common issues” arising in adolescence for girls with congenital adrenal hyperplasia who receive his surgeries are urinary incontinence, clitoral pain, vaginal stenosis, and cosmetic concerns. A direct quote from his paper is “patients who had vaginal surgery in infancy might present in adolescence with several concerns including vaginal stenosis, hairy vaginas, short vaginal length, or incomplete separation of the urogenital sinus.” In comparison, on his hospital website, he states that “[the] vaginal incision is carried back far enough to provide for a generous perineal skin flap. It is this aspect of the operation which prevents future vaginal stenosis from occurring”. Despite this public claim, a 2018 study found both his practice and similar medical practices have a complication rate of 25% for “feminizing” and 54.5% complication rate for “masculinizing” surgeries. In another paper authored by this provider he stated the “primary goal of the surgery is optimization of genital appearance and function” with continence (the ability to control one’s bladder) as a secondary consideration in evaluating surgical success. It is clear these high-risk surgeries are done with the intent of cosmetically altering an infant’s genitalia, which is a practice that has been outlawed internationally.

Studies and articles show many parents of intersex children experience delayed regret surrounding the decision to operate on their children in infancy unrelated to complication severity, despite reporting satisfaction with cosmetic outcome soon after surgery. A recurrent theme among parent surveys and narratives is lack of adequate information about their children’s conditions and surgeries, and guilt from causing irreparable harm with good intentions. There are parent organizations which promote surgeries, but in the words of a German interdisciplinary cohort of physicians, ethicists, advocates, legal experts, patients, parents and therapists modeled after the UN convention of children’s rights, “Parents are only allowed to decide [surgery] on behalf of their child in the case of vital harm and where there is strictly somatic functional or vital medical indication.”

The Rhode Island Senate Health and Human Services has an opportunity to move closer to a world in which intersex patients are less likely to experience poor health outcomes due to their differences in sex characteristics. Intersex communities have for too long been hurt by the pathologization of their existence. Unless there is an imperative and detrimental health concern that warrants urgent surgery, we believe that the decision to surgically modify an infant’s body should be delayed until the Intersex / DSD individual can play an active role in this decision.

We speak as students and providers who are not anti-surgery, but pro-consent. We hope these bills places power in the hands of those who matter most in medicine: the patient.

For more information on ongoing intersex advocacy, visit:

InterACT: <https://interactadvocates.org/>

The Intersex Justice Project: <https://www.intersexjusticeproject.org/>

For a presentation with the citations mentioned in this letter of support:

<https://docs.google.com/presentation/d/1MjvYF1CmO4T4iDGTBhsKkCExHKI6o3DjKNzndvJtrA4/edit?usp=sharing>

Signatories

Doctors of Medicine

Carl Streed Jr., MD, MPH, FACP

Assistant Professor, Boston University School of Medicine
Former Chair of the American Medical Association Advisory Committee on LGBTQ Issues
Former board member of GLMA: Health Professionals Advancing LGBTQ Equality
Recipient of awards from University of Chicago Alumni Association, Johns Hopkins University Alumni Association, the American Medical Association Foundation, the World Professional Association for Transgender Health, as well as recognition from the Obama White House.

Andrea Reid, MD, MPH

Associate Dean for Student and Multicultural Affairs, Harvard Medical School
Director, Office of Recruitment and Multicultural Affairs at Harvard Medical School
Faculty Member of the Department of Medicine and the Gastrointestinal Unit at Massachusetts General Hospital (MGH)
Brown University Alumn
Harvard Medical School Alumn

Michelle Forcier, MD

Assistant Dean of Medicine, Brown University
Professor of Pediatrics, Brown University
Director of the Gender and Sexual Health Program, Lifespan
University of Connecticut School of Medicine Alumn

Jennifer Kasper, MD, MPH

Assistant Professor of Pediatrics, Brigham and Women's Hospital
Assistant Professor of Global Health and Social Medicine, Harvard Medical School
Chair, Faculty Advisory Committee on Global Health, Harvard Medical School
Pediatrician, Southern Jamaica Plain Health Center
Director, Pediatric Racial Justice and Health Equity, Southern Jamaica Plain Health Center
Presidents' Council, Doctors for Global Health

Scott Nass, MD MPA FAAFP AAHIVS

President-Elect for GLMA: Health Professionals Advancing LGBTQ Equality and sits on the American Academy of Family Physicians Commission on Governmental Affairs
Program director for the Eisenhower Health Family Medicine Residency Program
University of Southern California Keck School of Medicine
Loma Linda University School of Medicine
Western University of Health Sciences.

Alex Keuroghlian, MD

Faculty Advisor, LAHMS
Associate Professor of Psychiatry
Director of Education and Training Programs at The Fenway Institute

Ilene Wong, MD, FACS

Urologist, The Chester County Hospital, Paoli Hospital and Brandywine Hospital
Author of None of the Above: *Incredibly compelling and sensitively told, None of the Above is a thought-provoking novel that explores what it means to be a boy, a girl, or something in between.*

Melanie Brunt MD, MPH

Chief of Endocrinology
Cambridge Health Alliance, Harvard Medical School

Gary Frishman, MD

Obstetrician-gynecologist, Womens and Infants Fertility Center, Providence, RI
Named a Top Doctor by the U.S. News & World Report
Named to *Rhode Island Monthly* magazine's "Top Docs" list for Reproductive Endocrinology
Recipient of the Hospital-Based Excellence in Teaching Award

Barbara Chubak, MD

Urologist, The Mount Sinai Hospital, Mount Sinai Brooklyn, Mount Sinai Morningside and Mount Sinai West, Mount Sinai Queens, Mount Sinai Beth Israel, New York Eye and Ear Infirmary of Mount Sinai

Daniel Kamin, MD

Attending Physician, Division of Gastroenterology, Hepatology and Nutrition
Assistant Professor of Pediatrics, Harvard Medical School
Associated Director Walter Cannon Society, Harvard Medical School

Rusty Phillips, MD

Sexual and Gender Minority Health Equity Initiative Curriculum Fellow
Instructor, Hospital Medicine, Beth Israel Deaconess Medical Center

Shirlene Obuobi, MD

University of Chicago Medical Center

Sarah Bourne, MD

Pediatric Resident, University of California, San Francisco
The Warren Alpert Medical School of Brown University Alumn

Katherine Miller, MD

Family Physician, Windsor Street Health Center
Faculty Member, Harvard Medical School

Recipient of the Harvard Center for Primary Care's Excellence in Primary Care Teaching Award

Tia Tucker MD, MPH

Director of Health Equity, Malden Family Medicine Clinic
Cambridge Health Alliance

Jennifer Howe, DO

Resident, The Warren Alpert Medical School of Brown University

Samara Fox, MD

Clinical Fellow in Psychiatry, Beth Israel Deaconess Medical Center
Yale University School of Medicine Alumn

Emily Kemper, MD

Pediatrician, UW Medical Center and Seattle Children's Hospital
Member of the Washington chapter of the American Academy of Pediatrics

Lydia Siegel, MD, MPH

Internal Medicine Specialist, Brigham and Women's Hospital

Sunny Kung, MD

Central Regional Delegate to the National Committee on Community & Diversity,
Association of American Medical Colleges
Pritzker Representative, Organization of Student Representatives
University of California Alumn

Juan Jaime de Zengotita, MD

Medical Director, Southern Jamaica Plain Health Center
Internal Medicine Specialist, Brigham and Women's Hospital
Instructor, Harvard Medical School

Faraz Alizadeh, MD

Pediatrician, Boston Children's Hospital

Jossie Carreras Tartak, MD, MBA

Emergency Medicine Residency
Harvard Medical School, Brigham and Women's Hospital, Massachusetts General
Hospital

Honor MacNaughton, MD

Associate Program Director at the Tufts University Family Medicine Residency
Associate Professor of Family Medicine, Tufts University School of Medicine
Family Physician, Cambridge Health Alliance
University of Massachusetts Medical School Alumn

Vanpat Pensuwan, MD
Family Physician, Malden, MA

Galina Tan, MD
Internist, Cambridge, MA

Taylin Im, MD
Resident Physician, Malden, MA

John Schulz III, MD, PhD
Burn Surgeon, Shriners Hospitals for Children

Jeffrey Ferrell, MD
Pediatrician, San Francisco, CA
University of Florida College of Medicine Alumn

Sana Patel, MD
Anesthesiology Specialist, Cleveland, OH

Tara Lemens, MD
Resident Physician, The University of Oklahoma at Tulsa

Serena Luong, MD
Resident Physician, Loma Linda University

Priya Pathak, MD
Nuclear Medicine Resident, University of Washington

Faraz Alizadeh, MD
Staff Physician, Boston Children's Hospital

Laura Sullivan, MD
Family Practice Physician, Cambridge Health Alliance

Nicole Fledderman, MD
Resident Physician, Pediatrics Residency Program at Western Michigan University
Homer Stryker

Elaine Hsiang, MD
Resident Physician, University of California San Francisco Department of Emergency
Medicine

Sophia Yang, MD
OBGYN, University of California Irvine

Peter Kezsler, DO

Resident, George Washington University Department of Neurology

Gnendy Indig, MD

University of Michigan Medical School, University of Vermont

Jason Flatt, PhD, MPH, Assistant Professor

University of California San Francisco and University of Nevada Las Vegas

Healthcare Workers and Public Health Researchers:

Katherine Batchelder, RN

Rhode Island nurse and resident

Lisa Volpigno, MSW, LICSW

Clinical Social Worker, Boston Children's Hospital

Jill Wagner, LICSW

Co-director of the LGBT Health and Advocacy Scholarly Concentration, The Warren Alpert Medical School of Brown University

Clinical Social Worker, Hasbro Children's Hospital

Clemson University Alumn

Simmons School of Social Work Alumn

Sarah Swettberg, Ed.M, FNP-BC

Family Nurse Practitioner, Cambridge Health Alliance Teen Health Center at the Cambridge Rindge and Latin School

Sierra Black, LICSW, MSW, MFA

Clinical Social Worker/Therapist

Smith School for Social Work Alumn

Lisa Twente, MSW, LICSW

Clinical Social Worker, Boston Children's Hospital

Member of the National Association of Social Workers

Boston University Alumn

University of Minnesota Alumn

Tyler Haaren, LICSW

Director of Behavioral Health, Southern Jamaica Plain Health Center

Katelyn Day, RN

Registered Labor and Delivery Nurse, Regions Hospital

University of Minnesota School of Nursing Alumn

University of Washington Alumn

Rodney Smith
ProEMS EMT

Marca Pesce, RN
Russell Sage College

Ashley Tartarilla, MPH
Lead Clinical Research Specialist, Boston Children's Hospital

Alexis Ladd, MPH
Planning and Communications Manager, Cambridge Health Alliance

Una Moore, RN, BSN, BA
Nursing Professional Development Specialist, Sloan Kettering Cancer Center

Allegra Gordon, ScD, MPH
Assistant Professor, Community Health Sciences Program at The Boston University
School of Public Health

Theodore Stoverink
Practice Assistant, Brigham and Women's Hospital

Jennifer Spencer, PhD, HSPP
Clinician, Spencer Psychology
Research Associate, Traumatic Stress Research Consortium at the Kinsey Institute

Kathleen Terry, DO MPH
Child and Adolescent Psychiatry Fellow, Samaritan Health Services

Amelia Weber Hall, PhD
Computational Biology Research Fellow in Medical and Population Genetics, Broad
Institute

Denise Crooks, MPH, LICSW

David G. Zelaya, Ph.D.
Brown University

Ana M. Progovac, Instructor & Senior Scientist
Cambridge Health Alliance & Harvard Medical School

Hospital Administrators, Educational Administrators and Social Workers:

Shannon Sotomayor

Program Assistant, Institute for Sexual and Gender Minority Health and Wellbeing

Leila Aruri

Program Coordinator, Center for Diversity and Inclusion at Brigham and Women's Hospital

Katherine Vincent

Research Project Coordinator at The Boston Children's Hospital

Al Daniels

Human Resources Services Representative, Boston Children's Hospital

Sukanya Shukla

Clinical Research Assistant, Boston Center for Endometriosis at Boston Children's Hospital

Sara Yohannes

Program Coordinator, Brigham Research Institute

Margaret Hojlo

Research Coordinator, Developmental Medicine Center and Department of Psychiatry at The Boston Children's Hospital

Rabbi Shulamit Izen, MHL, BCC

ACPE Certified Educator, Massachusetts General Hospital

Colson Campbell, MPP

Research Assistant, Johns Hopkins Center for a Livable Future

Rowan Potter

Program Coordinator, Office for Research Careers at Brigham and Women's Hospital

David Faller

Clinical Research Assistant, Boston Children's Hospital

James Liu

Lab Manager, Harvard Shi Lab

Mary Brent-Brown

Research and Program Coordinator, Young-Onset Colorectal Cancer Center at The Dana-Farber Cancer Institute

Abigail Ortiz

Director of Community Health Programs, Health Promotion Center at Southern Jamaica Plain Health Center

Organization Endorsements

Healthcare Organizations

Cambridge Health Alliance, Cambridge, MA

Project LETS

Stanford Sierra Youth and Families, Sacramento

CAQ Clinic, Vagelos College of Physicians and Surgeons at Columbia University

National Medical Student Associations

American Medical Student Association

Medical Student Pride Alliance

Warren Alpert Medical School of Brown University Student Groups

Queer People and Allies for the Advancement of Medicine, Brown University

Spectrum LGBTQ of Alpert Medical School, Brown University

The Warren Alpert Medical School, Brown University

Harvard Medical School Student Groups

Harvard Medical School Cushing Neurosurgical Society, Harvard Medical School

OB/GYN Student Interest Group, Harvard Medical School

Racial Justice Coalition, Harvard Medical School

LGBTQ+ and Allies at Harvard Medical School, Harvard Medical School

Harvard Medical School Cushing Neurosurgical Society, Harvard Medical School

Psychiatry Student Interest Group, Harvard Medical School

National Medical School Student Groups

Q! Queer Health Alliance, Weil Cornell Medicine

Case Med Pride, Case Western Reserve University School of Medicine

Columbia Students for Intersex Justice, Columbia University

Lambda Health Alliance, Vagelos College of Physicians and Surgeons at Columbia University

Rainbow Health Coalition, Touro College of Osteopathic Medicine

MSPA Chapter, Rocky Vista University College of Osteopathic Medicine

Med Lambda, Keck School of Medicine at USC

GLMA: Health Professionals Advancing LGBTQ Equality

Medical School Students:

Alpert Medical School:

Sam Mickel

Nicole Comella
Sam Mickel, MD ScM Candidate
Catherine Gannage
Emma Konopka
Salina Tesfay
Francés Kazal
Olivia Stone
Belinda Zhou MD22
Lindsey Pileika, MS3
Martin Li
Rose Mahoney
Katie Sullivan, MS4
Daniel Strauss, Medical Student
Scott Pfirmman, MBA
Alexandra, Wong

Christopher Bayston
Pauline Bagatelas
Madeline Chin
Carol Wheeler
Cooper Schwartz
Lindsay Dreizler
Pip Lipkin
Erica Veazey
Christina Favaloro, Alpert Medical School Student, Class of 2024
Zachary Shaw, MS1
Anna Bystricky
Charlotte Sevy
Catherine Nacier
Adriel, Barrios-Anderson, 4th year Medical Student
Noah Vincenzo Lupica
Imshan Dhrolia MPH, MD23
Anne Bocage
Daniel MacLachlan
Uchechukwu Onwunaka
Ryan Snow
Geoffrey Binney
Alisa, Pugacheva
Victoria Zeyl
Daniel antonson
Lum, Liana, MD24
Dorothy Buening
Audra, Fain
Allison Navarrete-Welton, AB

Liliana Luna-Nelson
Olivia Cummings
Cody Doberstein
Kelly Pan
Eloho Akpovi
Pixley, Margaret
John Cotoia MS, MD Candidate 2023
Samuel Diaz
Amelia L. Gurley

Jessica Moore

Harvard Medical School

Casey Orozco-Poore, MS3

Jessie Duggan

Jonathan Kusner

Henry, Ashworth

Blitz, Sarah

Julianna Coleman

Julia Beatini

Aisvarya, Panakam

Maia, Mesyngier

Raj Vatsa

Nicolas Trad

Wesley Chou, Medical Student

Anna-Sophia Boguraev

Maggie Beazer

Mario Russo

Sanjay Gadi, MS3

Oscar A. Leyva, 2d Lt USAF

Quentin Moyer, medical student
Anna Roselle
Julia Schiantarelli, medical student
Wesley Chou (Medical Student)
Aliya Feroe
William Li, M1
Kathleen Koenigs
Madeleine Kline
Katie Mueller
Inam Sakinah, MD Student
Lynn Hur, MD Candidate
Matthew, Parsons
Nicolas Trad
Jacob Arellano-Anderson, M4
Anjali Misra, MPH
LaShyra Nolen
Haylie Butler
Laurie Rumker
Geetika Mehra
Nicole Oglesby
Michael Borst
Eliana, Marostica

Juliana E. Morris, MD, EdM
Jamie Kishimoto
William Li, M1
Maahika Srinivasan, MS
Titilayo Afolabi, Medical student
Jade Connor
Grace Cavanaugh
Fatima Mubarak
Caroline Goldfarb
Sienna, Li
Jalen Benson, medical student
Jean A, MS3
Katherine Rich, MPH (MS3)
Ines Mesia-Toledo
Emma Hartswick
Emily Unger, MD/PhD candidate
Laboni Hoque (Harvard Medical School)
Olivia Plana, MS4
Samuel Lyon

William Li
Grace Cavanaugh
Patrick Ng

Barrow Neurological Institute:

Laura Greenwood

Boston University School of Medicine:

Benjamin Crosby
Danielle Lafond
Spoorthi Sampath
Preston Butler
Sonali Rathod

Brown University Students

Emma Diamond

Misha Fan
Mariah Guevara
Carmen Horn
Lorraine Fryer
Sarah Haberlack
Jim Walsh
Olivia Harding
Lynnial Taylor
Mia Santomauro
Cottrell van Wingerden
Jarrett Huddleston

Columbia University Vagelos College of Physicians and Surgeons

Anna Rose
Evan Hale
Mattie Renn

Alice Linder
Andrew Bueno
Adrianna Bergstein

Lauren Tucker
Irene Su
Xander, Harris, MD Candidate
Gillian Wright
Adhana Asfaw
Diana Perez
John Perino
Shirin Dey
Mary Carmack
Natalia Forbath
Cameron Clarke
Evan Hale
Anne-Sophie van Wingerden
Emily Rutland
Annelise Colvin
Zachary, Verne
Jessica Ho, MPH

Sara Lehman

David Geffen School of Medicine at UCLA

Amanda De La Cerda
AJ Schuster
Kaylin González MHS
Carly Chiwiwi, MS3
Vanessa Nunez, MS3

Shea Hazarian
Kiara Owens
Catherine Bradley
Lane Kantor

Drexel University School of Medicine

Marysol Encarnacion

Duke Physician Assistant Program

Meggan Wong
Alison Jacobson
Brandon Simpson
Vivian Chen
Mariah Leroux
Kathryn Burrows

Duke University School of Medicine

Janice Wong
Claire Tucker
James Giarraputo
Norine Chan

Northwestern Feinberg School of Medicine

Nari Lee
Tazim Merchant

Alba Mariner González

Dhivya Sridar

Sarah Libfraind

Frank H Netter MD School of Medicine at Quinnipiac University

Whitney Nichols

Layne Keating, medical student

Joie Akerson

Janardan Sivapalan

Pharis Sasa

Julia Cataldo

Harvard School of Dental Medicine

Paul Chung

Tufts University School of Medicine

Alessandra De Franco, M23

Adina, Paley

Trinity College Dublin, School of Medicine

Sara Sotirakos

Tulane University School of Medicine

Shana Zucker

Icahn School of Medicine at Mt. Sinai

Clifton, Elizabeth

Samantha Brown, Medical Student

Tonia, Ogundipe

Chang Moon

John Denton

Cynthia Luo

Claudia, Torres

Sewit Bereket

Bryana Banashefski

Carina Seah

Annalise Eger, MPH

Anna Blech

Olivia Moscicki, Medical Student

Zay Smolar, Medical Student

Jerrel Catlett

Jen Ren

Harley Roberts

Jillian Keegan

Jacob Sherman

Alli Morgan, PhD

Ezequiel Ramos

Jacques Guyot

Josimar Hernandez Antonio

Staci Leisman, MD

George Danias, MS2

Elizabeth Magill
Rachel Levantovsky
Jack Zhang
Bethany Dubois
Paloma Orozco Scott, MA

Emily Xu
Julian Sackey
Winnie Chen

Case Western Reserve University School of Medicine

Maggie Linz

Garrett, Weskamp

Chicago Medical School

Nahae Kim, MPH

Jacobs School of Medicine

Chelsea Corinaldi

Hani Al-Jabi-Lopez
Meghan Cloutier
Marquessa Henry

Sarah andrews

Johns Hopkins School of Medicine

Nina Lerner

Kaiser Permanente Bernard J. Tyson School of Medicine

Lucero Amaral
Jonathan Qu
Sampreeti Chowdhuri
Caryssa Lim
Dennis Sievers
Michael Okene Ashlynn Torres

Keck School of Medicine of USC

Noah Millman

Lindsey Lawrence
Katherine McCool, MS1
Eduardo Valle, MPH
Jonathan Hanson
Lloyd Overholtzer (MS1)
Noah Millman, Co-president
Eliza Kellman
Ronald Castillo

Ivonne Verduzco

Scott Henderson
Mackenzie Thurston
Joann Sy

Penn State College of Medicine

Corey	Kronman
-------	---------

Larner College of Medicine at University of Vermont

Tyler Harkness

Sylvia Lane
Rachel Harrison, MS3
Kelly MacPherson
Mohammed, Wali

Lewis Katz School of Medicine at Temple University

Erin Hall

McGovern Medical School, University of Texas Health Sciences Center

Purujit Chatterjee, Medical Student

Mercer University School of Medicine

Kaylee Brown

MGH Institute of Health Professions

Emma Snyder, genetic counseling student

Michigan State University College of Human Medicine

Emily Brereton

Midwestern Medical School

Tristan Hazebrook

Arizona College of Osteopathic Medicine

Torben Hamilton, OMSII

Nova Southeastern University Kiran C. Patel College of Allopathic Medicine

Jacob Oster

NYU School of Medicine

Caleb, Irvine

Oakland University William Beaumont School of Medicine

Kerrin, Bersani

Ohio University College of Osteopathic Medicine

Rebecca Bracken, OMSI

Luke, Bushrow OMS3

Pacific Northwest University of Health Science

Trevor Haverkamp

University of Pennsylvania School of Medicine

Alex Drewicz

Pacific Northwest University of Health Sciences

Paige Almond

Renaissance School of Medicine at Stony Brook University

Katherine Godfrey

Julia Logan

Sebastian Mendez

Ross University SoM

Alma Gaspeed

SLU SOM

Valeriya Ragozina

Stanford Medical School

Marija Kamceva, Medical Student

Jackie Nguyen

Touro College of Osteopathic Medicine

Danielle Thor, OMS-II

UCSF School of Medicine

Monica Stretten

Carlene Partow

Madeleine Kane, MS3

Alli Gomez
Chelsie, Anderson, MS4
Leena Yin, Medical Student
Reyoot Berry, BS
Jan, Grandi, Medical Student
Gabriela Weigel, MD Candidate
Sarah Watanaskul, MS3
Kunal Shroff
Pasha Rahbari
Jonathan Schor, PhD
Dana Greenfield, MD PhD
Manuella, Djomaleu
Ivie Tokunboh
Michelle Mintz
Francesco Sergi, medical student
Stephannie Ratcliff

Jackeline Barajas
Elizabeth Schrier
Vanessa Mora
Connell Studenmund, BA
Max, Collard
John Shen-Sampas
Joseph Shemuel
Pedro Gallardo
David Emanuels
Sara Zhou
Michelle Martinelli, MD Candidate
Ekaterina Protsenko
Chloe Cheng
Trisha Macrae, PhD
Stacey Frumm
Jessica Ma
Deborah Yip
Patrick Martin-Tuite
Jay Zussman, MD-PhD Student
Cecilia Im
Francis Wright
Jackie Castellanos
Rachel, Percelay, BA
Rio Barrere-Cain

Oliver Cervantes MS4

Anna, Grandis, Medical Student
Seerut Bhullar
Karly Hampshire, medical student
Sharada Narayan
Joshua Bell
Layla Joudeh
Maria Castro MD Candidate c/o 2022
Jar-Yee Liu

Colleen Carlston, PhD
May Nguyen, MS3
Matthew Ryan, MD/PhD Student

University Of Massachusetts Medical School

Cara Mitrano
Jennifer, LaPalme

Nepantla Canizzo
Dina Blanter
Jennifer Sohn
Cara Mitrano
John-Marc, Austin, MS4
Cole Martens
Kimberly Ramirez
Rebecca Sullivan

Austin Lachance
Eghosa Enabulele
Jennifer, LaPalme
Hannah, RN
Laura Schwartz

Jeremiah Hyslip
Chelsea Jeewoo Lim, Medical Student

Katarina Ferrucci MS
Read Allen
Zilin Cui
Emily Gang
Adam Whiteley, MD Candidate
Amberly, Diep
Saurabh Kumar, BS
Dalton
Prithwjit Roychowdhury
Sabahat Rahman
Stevie Yang
Lisa Sangermano
Danielle Coderre
Rohini Loke

University of Michigan Medical School

Elizabeth Cebul, PhD
Hadrian, Kinnear

Margaret McGovney
Luca Borah
Annie Murphey
Bori Lesser-Lee
Maya smith
Sophie Gutterman, Medical Student

University of Minnesota Medical School

Samantha Gibson
Emily Syverud

University of Pittsburgh School of Medicine

Koehler, Powell, MS2
Rachel Fogel

University of Puerto Rico, School of Medicine

Gabriel Pallares
Valerie, Ivanovich, BS
Laura Reguero

University of Vermont Larner College of Medicine

Claudia Russell
Jenna Wells, MS3

Jeanie Lin

Faith Wilson
Lizzi Hahn MS3
Tierra, Lynch

UNLV School of Medicine

Zarah Rosen, Medical Student

University of Washington School of Medicine

Mallika Iyer

Ezie Nguyen

Kwasi Enin

Virginia Tech Carilion School of Medicine

Lauren Canary

Wayne State School of Medicine

Marissa Ray, MS

Weill Cornell Medicine

Robert Wozniak

William Ford
Anthony Palillo

Western Michigan University Homer Stryker M.D. School of Medicine

Lo Tamburro
Melissa Pellman
Arlene Ho
Claire Tanager
Rebecca Parr

Western University of Health Sciences

Kendall Lucara

University of North Carolina School of Medicine

Alexa Holloway

Ashley Parker, MS

University of New England School of Osteopathic Medicine

Carl Hanson

University of Arizona School of Medicine

Austin Cotter

Lindsay March

University at Buffalo School of Medicine

Jennifer O'Donnell

University of Florida College of Medicine

Joseph Whelihan

University of Colorado School of Medicine

Monica, Patten, MS2

University of Texas Health Science Center at Houston

Feliciano, Perez, M.D Candidate

University of Louisville School of Medicine

Blair Wooten, medical student

Cody Bergman

Savanna Holland

Elizabeth Yeske

Busse, Aundrea

University of Illinois School of Medicine

Linnea Sandstrom, B.S.

Jessica Hua

Undergraduate and Graduate Students

Brown University Alumni

Stefanie Lyn Kaufman-Mthimkhulu

Kenna Hawes

Quincy Beck

Abigail Borges

Emily Li

Daven McQueen

Kaya Hill

Isabel Martin

Alana Jacoby

Ariel Higuchi

Laken Hottle

Abel Girma

Ben Jones

Sam Jones

Sam Kusnetz

Morgan Cheatham

Harry Aspinwall

Georgetown University

Robert, Beissel

Harvard Divinity School

Giovanni DiRusso

Mara Foley

John Reilly

Natalia Schwien

Lindsay Sanwald

University of Washington School of Public Health

Lauren Nguyen

Medical Students (university/college not specified):

Margaret Beldi

Rex Tai

Tyler Laws-Mahe

Lucas Saporito

Rebecca Buster

Lotanna Ezenekwe

Ramya MohanKumar

Alan, Ventura

Mitin, Nachu, M.D. Candidate

Joshua Norman, Medical Student

Katherine Chan, Medical student
Joseph Mellen
Omid Cohensedgh
Kelly Boubel Shriver, Reverend
Julia Clemens
Niralee, Shah
Christine Lopez

Individuals and RI Residents:

Samantha Muther (Providence Youth Services Librarian)

Kelly Parlin (Providence Community Library)

Kelli Tamburro (Beaumont Dearborn MI)

Katelynn Laffin (Boston Children's Hospital)

Lord Rosswell Grenier (Dana Farber Cancer Institute)

Becca Lewis (Dana Farber Cancer Institute)

Lauren Brady (Dana Farber Cancer Institute)

Elias Pinkes (East Greenwich High school) *Minor*

Nick Callahan (East Greenwich High school) *Minor*

Meriam Ahmad (high school student)

Eva Barzaly (Menyal hospital)

Sameer Valluri (Bayhealth)

Vianca Masucci (Hershey Medical Center)

Tauni malmgren OTD (Home health OT)

Ana Martínez (IMESEX)

Tim Neumann (Kitsap Mental Health Services)

Amelia Khoo (Texas A&M HSC)

Jane Carper

Delila ramos

Kayla Robinson

Luca Canizzo

Charlotte Kreger

Laura DelloStritto

Renee Grange

Haley Hauser

Christine Radice

Kayla Robinson

Emily Weinberg

Sophie van W

Brianne Hoyt-Stern

Mel Batchelor

Efua Prah

Katherine Pisani

Brooke Warner

Keeva Mcneill

Alexander Wankel

Meredith Epstein

Jen Wang

Nicky Borden

Vladimir Barash

Dexter Blue

Khadija Hassan

Rafael Jaeger

Hanh Pham

Lindsey Meyers Bertone

Sara Payo

Quick adds, I apologize for lack of organization. Thank you so much to those who signed.

Lynn Orfahli	Medical School
Elias Johnson	post-graduate before medical school

Hayley Moss	Medical Student at University of Louisville
Melissa Jimenez	RVU

Sage Fanucchi-Funes, RN, BSN	Former resident
---------------------------------	-----------------

Katie Metayer	Dana-Farber Cancer Institute
---------------	------------------------------

Aaron Samuel Breslow, PhD, Assistant Professor	Albert Einstein College of Medicine
Mariah Guevara	Brown University undergraduate
Denise Crooks, MPH, LICSW	

Katherine Cabral

Nat Mulkey	BUSM
Deborah, Banta	Undergrad at the University of Georgia, CNA

Anirudh Udutha	Geisel Medical School at Dartmouth College
----------------	--

Dr. Lourdes Dolores Follins		Meliora Consulting LLC		Ph. D.,
-----------------------------	--	------------------------	--	---------

Upasana Chandra	Medical College of Georgia
-----------------	----------------------------

Nina Baran, CNA

Alexandria Onuoha	
Rebecca Raymond-Kolker	

Nic Wildes, LMHC	
Lily, Gordon	Brown Medical School
Isabel, Josephs	The Warren Alpert Medical School of Brown University
Diane Koeller, MS, MPH, CGC	Dana-Farber Cancer Institute
Sarah Swettberg, Ed.M, FNP-BC	Cambridge Health Alliance
Mary-Brent	Dana-Farber
Christopher Alvord, MS3	Warren Alpert Medical School of Brown University
Juliana E. Morris	medical school faculty
Uchechukwu Onwunaka	Medical Student at the Warren Alpert Medical School
Kristi Gamarel	Assistant Professor

Joanna	Medical School
Charlene Preys, Genetic Counseling Student	Massachusetts General Hospital, Brigham and Women's Hospital, Harvard Medical School, MGH Institute of Health Professions

Laken Hottle	Brown alumna
Gregory Phillips II, Assistant Professor	Northwestern University
Sammi Muther	RI resident
E. Reese	BCH
David Faller	Boston Children's Hospital

Donna Cantillo	Harvard Medical School Administration
----------------	---------------------------------------

Theodore Stoverink	Brigham & Women's Hospital
--------------------	----------------------------