1 Diversified Reporting Services, Inc. 2 RPTS CARR 3 HIF045140 4 5 6 HEARING: 7 LEGISLATIVE PROPOSALS TO SUPPORT 8 PATIENTS AND CAREGIVERS 9 WEDNESDAY, FEBRUARY 14, 2024 10 House of Representatives, Subcommittee on Health, 11 12 Committee on Energy and Commerce, 13 Washington, D.C. 14 15 The Subcommittee met, pursuant to call, at 10:01 a.m., 16 17 in Room 2123 Rayburn House Office Building, Hon. Brett 18 Guthrie [Chairman of the Subcommittee] presiding. 19 Present: Representatives Guthrie, Burgess, Latta, 20 Griffith, Bilirakis, Bucshon, Carter, Dunn, Pence, Crenshaw, 21 Joyce, Harshbarger, Miller-Meeks, Obernolte, Rodgers (ex

22 officio); Eshoo, Sarbanes, Cardenas, Ruiz, Dingell, Kuster, Kelly, Barragan, Craig, Schrier, Trahan, and Pallone (ex 23 24 officio). 25 Also present: Representatives Cammack; Tonko and 26 Castor. 27 Staff present: Kate Arey, Digital Director; Sarah Burke, Deputy Staff Director; Nick Crocker, Senior Advisor 28 and Director of Coalitions; Kristin Fritsch, Professional 29 30 Staff Member; Grace Graham, Chief Counsel; Sydney Greene, Director of Operations; Rebecca Hagigh, Executive Assistant; 31 32 Nate Hodson, Staff Director; Tara Hupman, Chief Counsel; Daniel Kelly, Press Assistant; Patrick Kelly, Staff 33 Assistant; Alex Khlopin, Staff Assistant; Emily King, Member 34

35 Nobistant, Mich Milopin, Staff Mosistant, Emily Ming, Member
35 Services Director; Chris Krepich, Press Secretary; Molly
36 Lolli, Counsel; Karli Plucker, Director of Operations
37 (shared staff); Carla Rafael, Senior Staff Assistant; Emma

38 Schultheis, Clerk; Catilin Wilson, Counsel; Lydia Abma,
39 Minority Policy Analyst; Shana Beavin, Minority Professional
40 Staff Member; Keegan Cardman, Minority Staff Assistant;
41 Tiffany Guarascio, Minority Staff Director; Una Lee,

42 Minority Chief Health Counsel; Katarina Morgan, Minority

- 43 Health Fellow; and Andrew Souvall, Minority Director of
- 44 Communications, Outreach and Member Services.
- 45

46 \*Mr. Guthrie. The subcommittee will come to order. 47 Before I recognize myself for opening statement, I know that 48 we all got the news this weekend that our chair is going to 49 do other things, and we and I will tell you it is 50 absolutely a pleasure to serve with you as chair. I know 51 all of us don't get a chance to say that, but I have the 52 microphone now so I will. And it is just an honor and your leadership of this committee has been wonderful. I think 53 54 both sides of the aisle will say that you have been a great 55 leader. I know we haven't all disagreed on everything agree 56 57 with both sides. I agree with you. 58 [Laughter.] 59 \*Mr. Guthrie. But I would say that that was a good

60 save, wasn't it? A good save. But I know that I think 61 everybody here, I speak for everyone, is that what a class 62 act you are \_

63 \*The Chair. Thank you.

64 \*Mr. Guthrie. \_ and how much you are going to be 65 missed. And I know \_ I am sure, Anna, do you want a minute 66 since we have \_ before we kick off?

Ms. Eshoo. Thank you, Mr. Chairman. Well, the news that went out over the weekend, Madam Chairwoman, I think really took all of us back, it wasn't something that anyone anticipated. You have served in the House for 20 years, two decades, six years on Energy and Commerce.

72 [Applause.]

\*Ms. Eshoo. At the beginning of this Congress, we celebrated the first woman in the history of this committee to became the Chairwoman, and that historical fact will remain.

77 [Applause.]

\*Ms. Eshoo. That historical fact will remain. So we wish you everything good, that God will continue to bless you, your family. Thank you for your leadership of this committee. Thank you for your friendship. We have the rest of this year

83 \*The Chair. That is right.

\*Ms. Eshoo. \_ so let's get more done.

85 \*The Chair. That is right. For sure.

86 \*Mr. Guthrie. Absolutely.

87 \*Ms. Eshoo. Yeah. Thank you. Thank you, thank you.

\*Mr. Guthrie. We are going to keep charging forward.
So thank you, and again thank you for your class and
everything.

91 So now we will begin opening statements for members and 92 I will recognize myself for five minutes.

93 Thank you to our witnesses for being before the 94 subcommittee today. The bills in front of us today are 95 designed to promote greater and improve access to care for 96 Americans and their families. There are also they are 97 also complementary to our work on lowering healthcare costs 98 for all Americans that we have worked together bipartisan 99 moving forward with that. We are considering legislation 100 that will continue programs to detect, to diagnose, and to 101 treat chronic diseases and health conditions at earlier stages, improve the quality of life for individuals with 102 103 disabilities, help ensure Americans in rural communities 104 have access to lifesaving care, and provide additional resources to assist in the development of cutting edge 105 106 treatments for debilitating health conditions.

107 Today's hearing will help inform our policy making as 108 we explore how current programs are working and if any gaps

109 that exist may be addressed to improve the quality of life 110 for millions across the country. For example, my bipartisan bill, H.R. 7218, the Billing Our Largest Dementia 111 112 Infrastructure for Alzheimer's Reauthorization, or BOLD, Act, will would continue programming to ensure individuals 113 114 living with Alzheimer's have access to the highest quality of healthcare while building on efforts to identify and 115 116 diagnose the disease sooner.

117 The BOLD Reauthorization Act also includes educational resources for caregivers to help ease the challenges for 118 119 those caring for the loved ones with this vicious disease. 120 These continued investments are more even more important 121 now that we have treatment to slow the progression of 122 Alzheimer's and will help to ensure patients and their 123 families have more time together. And I say that as one who 124 just lost my mother-in-law to that disease in October. I 125 would like to thank Representative Tonko for leading this legislation with me and I look forward to working to get 126 127 this important bill reauthorized this year.

128 Another crucial bill we are considering today is the 129 Charlotte Woodward Organ Transplant Discrimination

130 Prevention Act that is led by Representatives Cammack and 131 Dingell, which will prohibit healthcare providers and other 132 entities from denying or restricting an individual's access 133 to organs to organ transplants solely on the basis of the 134 individual's disability. This bill is on work we did last 135 week led by Chair Rodgers who has been a champion for 136 individuals with disabilities by passing the Protected Healthcare for All Patients Act out of the House of 137 138 Representatives to ensure individuals with disabilities are 139 treated fairly and are able to access the treatments they 140 need.

We will also consider the DeOndra Dixon INCLUDE Project Act which will authorize current programs at the NIH to continue cutting edge research on Down Syndrome and address gaps in current research initiatives. The INCLUDE Project will continue to facilitate improved coordination across NIH and build upon research that will improve the quality of life for those living with Down Syndrome.

Other bills being considered today are designed to improve access to care for individuals in rural communities as well as diagnose potentially fatal yet treatable chronic

diseases such as heart disease and certain cancers. The SIREN Reauthorization Act led by Representative David Joyce will continue providing resources for rural emergency medical providers to ensure they can maintain their essential services.

156 H.R. 7189 will reauthorize programs to help address gaps in care for individuals with congenital heart disease. 157 Efforts like this have helped to ensure over 90 percent of 158 159 kids who are diagnosed with congenital heart disease live well into adulthood. Many of the bills we are considering 160 161 will promote greater access to care, facilitate earlier 162 detection, diagnosis, and interventions, and help 163 individuals live longer and healthier lives.

Thank you to all my colleagues who have worked hard to get the legislation before us today. I appreciate all of our panelists for being before us today and I thank everybody for their leadership in working on these policies. [The prepared statement of Mr. Guthrie follows:]

170 \*\*\*\*\*\*\*\*\*COMMITTEE INSERT\*\*\*\*\*\*\*\*

171

172 \*Mr. Guthrie. And I will yield back. And the chair 173 will now recognize the ranking member, Ms. Eshoo, for five minutes for questions or for opening statement, sorry. 174 175 \*Ms. Eshoo. For opening statement. Thank you, Mr. 176 Chairman, and good morning, colleagues, and Happy 177 Valentine's Day to everyone. It was always a wonderful celebration in our household because it was my mother and 178 179 father's wedding anniversary.

So today the subcommittee will consider 19 bills to authorize critical public health programs that support and improve the health and wellbeing of children, of adults, and of caregivers. I am so pleased the majority of the bills, 184 18 of the 19 bills, that we are taking up today are bipartisan. Each bill before us today supports individuals and families at the most vulnerable times in their lives.

I am sure most members of our subcommittee, I think all members of this subcommittee, have experienced at least one if not more of these vulnerable moments in their lives. I have and so have most Americans. Emergencies involving children are terrifying, most especially for their parents. The Emergency Medical Services for Children Reauthorization

193 Act, led by Representative Castor, gives parents peace of 194 mind by reauthorizing the only federal program dedicated to 195 enhancing medical care for children during an emergency. 196 Representative Cardenas's Lifespan Respite 197 Authorization Act supports people who serve as the primary 198 caregiver for an aging or sick loved one. Being an unpaid 199 caregiver is physically and mentally exhausting. 200 Reauthorizing this program will ensure caregivers get a 201 temporary break. 202 Finally, the SHINE for Autumn Act, introduced by 203 Representatives Castor and Kelly, closes gaps in stillbirth 204 data, research, and awareness to ensure every mother can 205 have a healthy pregnancy and life with their baby. So many 206 Americans experience one of these vulnerable moments each 207 day. If someone you love was facing health challenges or in 208 trouble, I think each one of us would go to the ends of the 209 Earth to help them. We should give families confidence that when they seek out help, these programs will be there for 210 211 them.

Together these bills bring us closer to the goal of quality healthcare for all Americans and show the vital

214	importance of federal agencies such as the CDC and HRSA.
215	Our seven witnesses, and thank you for being here today,
216	will explain what people in these moments need and how these
217	bills can help. I look forward to hearing your
218	recommendations for how Congress can maintain and improve
219	these essential programs.
220	
221	
222	[The prepared statement of Ms. Eshoo follows:]
223	
224	********COMMITTEE INSERT********
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226 \*Ms. Eshoo. I now would like to yield the remainder of 227 my time to Congressman Tonko. He leads three bills before 228 our subcommittee today which offer crucial resources to 229 detect Alzheimer's Disease early, reduce risks, and support 230 the caregivers who take care of their loved ones. 231 \*Mr. Tonko. Thank you, Ranking Member Eshoo, for yielding, and I thank you and Chair Guthrie for your focus 232 on Alzheimer's in today's hearing, and I thank you all 233 234 thank all of our witnesses for their expertise and their 235 insight shared this morning. Special thanks to Dr. Joanne 236 Pike, CEO of the Alzheimer's Association and CEO of the 237 Alzheimer's Impact Movement for joining us today and for the terrific work that you do and the great leadership you 238 239 provide. I am honored to be in the fight to end Alzheimer's. 240 Ι

have carried many of the bills for the organization and proud of that fact. As was indicated, many families have been impacted by this disease. I know so many in our community and around the Nation who are suffering from this disease and whose families carry a heavy burden indeed.

Alzheimer's is the most common form of dementia and is unfortunately growing and growing fast. Unfortunately, one in three seniors dies with Alzheimer's or another dementia. In 2023, Alzheimer's and other dementias cost our Nation an estimated 345 billion dollars. It is something that we should be very noteworthy of.

252 Ever since my first days in Congress, I have pushed for 253 strong action to support those living with Alzheimer's by 254 driving medical research, federal coordination, early 255 detection, and public health infrastructure, and of course 256 support for caregivers. I invite all of my colleagues here to support NAPA Reauthorization, BOLD Reauthorization, and 257 258 the Alzheimer's Accountability and Investment Act to 259 continue our fight against Alzheimer's and to support the millions of Americans living with this devastating disease. 260 261 Again, I thank the ranking member for yielding, and 262 together let's provide much needed hope. 263 [The prepared statement of Mr. Tonko follows:] 264 265

266

267 \*Mr. Tonko. Thank you, and I yield back.

\*Mr. Guthrie. The gentleman yields back to the gentlelady and the gentlelady yields back, and I will now recognize the chair of the full committee, Chair Rodgers, for five minutes for her opening statement.

272 \*The Chair. Thank you, Mr. Chairman. First, just let me say thank you to all of you, to the chair, to the ranking 273 274 member, to my colleagues, to the extraordinary staff given my announcement last week. What I am blessed. 275 I am 276 blessed. And it has been a tremendous blessing to lead this 277 committee, just extraordinary. I can testify that being the 278 chair of the House Energy and Commerce Committee, the best committee on Capitol Hill, is the best position in the 279 280 House, and it has been a privilege and honor for me to lead. And I will just say, you know what, we are going to 281

finish strong. We have a whole year ahead of us and we have a lot of work to do, and I look forward to working with all of you on important issues, including the issues that are before us today, the bills before the Health Subcommittee. So just a big thank you everyone.

287 I have said it many times and I will continue to say

that this committee is extraordinary because it has a rich history of plowing the hard ground necessary to legislate and it means coming together to get things done, to get results. And I am proud of our efforts so far this Congress, like the Lowering Cost, More Transparency Act, which are fundamental to driving down the cost of care and fixing our broken healthcare system.

295 And today we are focusing on 19 bipartisan bills that 296 support patients, caregivers, and healthcare providers. 297 Specifically, we will examine proposals to help improve our 298 understanding of various diseases, disabilities, chronic 299 conditions, and stillbirths. We will look at legislation to 300 continue support for emergency medical services and 301 healthcare providers, to reauthorize respite care resources for family caregivers, and to prevent organ transplant 302 303 candidates from being denied a transplant based solely on 304 having a disability.

I look forward to hearing from our witnesses today, thank you for being here, about the importance of these programs. I especially am excited to be moving forward on the DeOndra Dixon INCLUDE Project Act of 2024 that I have

introduced alongside with Representative Diana DeGette, Tom Cole, Rosa DeLauro, and Eleanor Holmes Norton, and I expect all of you to cosponsor this bill. Anyway.

312 [Laughter.]

313 \*The Chair. You all know that my mission here has been 314 to improve the lives of individuals with disabilities, and 315 that is why I am proud to champion this bill that would 316 provide important congressional oversight and direction for 317 the INCLUDE Project at the National Institutes of Health. 318 It was established by a congressional directive in 2018, INCLUDE, and it is also known as the Investigation of Co-319 320 Occurring Conditions Across the Lifespan to Understand Down Syndrome Project, and it conducts research on critical 321 322 health and quality of life needs for individuals with down syndrome throughout their lives. 323

And at the time INCLUDE was established, down syndrome was among the least funded genetic condition at NIH despite being the most common chromosome abnormality. So I just wanted to underscore how important it was that Congress took action to make sure that down syndrome was a priority at NIH. The individuals with down syndrome are affected by

330 many of the same diseases and conditions that we are 331 examining across the board.

332 The good news is that individuals with down syndrome 333 are living longer than ever, but they are developing Alzheimer's or dementias like at a hundred percent. There 334 335 is no case of an individual with down syndrome being having a tumor cancer, yet they have a higher likelihood of 336 337 juvenile leukemia. And so when we are looking at research 338 that benefits those with down syndrome, we also have the 339 potential as we continue to focus on the 21st chromosome and 340 some of the specific issues related to those with down 341 syndrome that will benefit millions of people who battle these other conditions, whether it's Alzheimer's, cancer, 342 343 heart conditions, that are not just that are common but hardly limited to people with down syndrome. So this is 344 345 bipartisan legislation directing NIH to continue this 346 important work on down syndrome research to help everyone with down syndrome and their families. 347

And, you know, I will just say once again we have a lot of work ahead of us. These are important bipartisan bills, and I look forward to continuing to work with each one of

351	you over the rest of this Congress to continue to improve
352	the lives of the people that we have the honor and privilege
353	of representing all across this country.
354	A big thank you again to the witnesses for traveling,
355	for being here today, sharing your insights and expertise.
356	We look forward to your testimony.
357	[The prepared statement of The Chair follows:]
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359	********COMMITTEE INSERT********
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361 \*The Chair. And with that, I yield back.

362 \*Mr. Guthrie. Thank you. The chair yields back. The 363 chair will now recognize the ranking member of the full 364 committee, Mr. Pallone, for five minutes for an opening 365 statement.

366 \*Mr. Pallone. Thank you, Chairman. I want to start by praising Chair Cathy Rodgers, who is of course the first 367 368 woman to chair the Energy and Commerce Committee in its more 369 than 200-year history. Cathy, I really enjoyed working with 370 you over the years, but especially the last three years as 371 you served both as ranking member and as now as the chair. 372 I think you have made a lot of progress in this committee's 373 effort to accomplish things, including this year, the bipartisan legislation to lower healthcare costs and 374 375 increase transparency in hospital pricings.

And, you know, I \_ it just \_ you are leaving \_ I still don't want you to leave, but I always say that and then nobody listens to me. But, you know, it is going to be a big loss for Congress and this committee, and \_ but I don't want to dwell on it too much because we still have the rest of the year and we can still accomplish a lot so \_

382 \*The Chair. That is right. We got to get it on the 383 President's desk.

384 \*Mr. Pallone. Exactly. So I am going to leave it at 385 that for today and talk about our work today which is to 386 consider 18 bipartisan bills to reauthorize and create 387 several important public health programs.

388 This subcommittee will hear from a diverse panel of 389 expert witnesses representing families affected by mental 390 health, trauma, and discrimination, and I am pleased that we 391 will be discussing H.R. 6839, the Cardiomyopathy Health 392 Education Awareness Research and Training in Schools Act, or 393 the HEARTS Act, which I introduced in December. The HEARTS Act will save lives by increasing awareness of cardo 394 395 cardiomyopathy and helping prepare schools to deal with cardiac emergencies when they occur. 396

When I announced the introduction of this bill, I was drawn by members of two New Jersey families that each tragically lost a young son to this condition during high school sporting events. The legislation directs the Secretary of Health and Human Services to develop guidelines on the placement of automated external defibrillators, or

403 AEDs, in schools and to provide resources to help schools 404 create and implement a cardiac emergency response plan. And the use of AEDs during a cardiac emergency increases the 405 406 chance of survival from five percent to over 50 percent, which could save up to 40,000 lives each year. 407 408 Aside from the HEARTS Act, there are many bills before us today that reauthorize important public health 409 410 initiatives. I will start with the need to reauthorize 411 several autism spectrum disorder programs as autism is one 412 of the fastest growing developmental disorders affecting one in 36 children in our Nation. Today we will hear the impact 413 414 of three important bills to extend funding for family-led organizations to help children with special healthcare 415 416 The bills reauthorize crucial research, training, needs. and monitoring for autism research until 2029 and 417 418 reauthorize respite care provided to children and adults

419 with special needs.

Another challenge before us is helping Americans with Alzheimer's Disease. We know an estimated 6.7 million Americans over the age of 65 are living with Alzheimer's dementia and it is the fifth leading of cause of death for

424 people 65 and older. We will discuss three bills that will 425 support continued coordination of federal planning to 426 promote healthy, aging well to promote I said healthy, 427 aging, and bolster the national Alzheimer's project and support early detection, diagnosis, and dementia caregiving. 428 429 We are also discussing legislation that would provide 430 support to our Nation's healthcare providers who have experienced unprecedented levels of stress and burnout that 431 432 was only exacerbated by the COVID-19 pandemic. Today we will hear directly from a family who has turned tragedy into 433 lifesaving relief for our healthcare professionals by 434 435 creating a program to implement evidence based strategies to reduce and prevent suicide, burnout, and substance use 436 437 disorders among those who are on the front lines of patient care. And we will also examine bills to reauthorize grant 438 439 funding for improving emergency medical services in rural 440 areas, supporting our poison control grant program, and providing states with access to services and support for 441 442 people with traumatic brain injuries, and we will discuss 443 bipartisan bills to support a broad variety of public health 444 initiatives focused on stillbirth, down syndrome, and cancer

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446	So there is a lot going on today, all very positive,
447	and I look forward to hearing from our witnesses about the
448	impact these programs have on the American people and our
449	overall public health infrastructure.
450	[The prepared statement of Mr. Pallone follows:]
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452	*********COMMITTEE INSERT********
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454 \*Mr. Pallone. So with that, Mr. Chairman, I yield back 455 the balance of my time.

456 \*Mr. Guthrie. The gentleman yields back. That 457 concludes members' opening statements. We will now go to 458 our witness opening statements, and I will introduce each 459 witness and I will call on you one by one to \_ for your five 460 minutes.

461 So Dr. Andy our first witness will be Dr. Andy Shih, 462 Chief Science Officer of Autism Speaks; Mr. Corey Feist, Co-Founder and CEO, Dr. Lorna Breen Heroes Foundation; Dr. 463 Joanna (sic) Pike, President and CEO of Alzheimer's 464 465 Association; Dr. Gordon Tomaselli, Former President of the 466 American Heart Association; Ms. Michelle Whitten, President, 467 CEO, and Co-Founder of Global Down Syndrome Foundation; Mr. Randy Strozyk, President of American Ambulance Association; 468 and Dr. Christina Annunziata, Senior Vice President of 469 470 Extramural Discovery Science, American Cancer Society. So thank you all for being here. You will have five 471

472 minutes for your opening statement. Four minutes into your 473 opening statement \_ you will see a green light for \_ to 474 begin with, and after four minutes a yellow light, and it

475	gives you a signal you got a minute left, and when you see
476	the red light, it is time to wrap up. So we appreciate you
477	all being here and we will begin by recognizing Dr. Shih for
478	five minutes for your opening statement.
479	

480 STATEMENT OF ANDY SHIH, PHD, CHIEF SCIENCE OFFICER AUTISM SPEAKS; COREY FEIST, JD, MBA, CO-FOUNDER AND CEO, DR. LORNA 481 BREEN HEROES FOUNDATION; JOANNE PIKE, DRPH, PRESIDENT AND 482 483 CEO, ALZHEIMER'S ASSOCIATION, MARILYN AND STANLEY M. KATZ DEAN, EMERITUS AND PROFESSOR OF MEDICINE, ALBERT EINSTEIN 484 485 COLLEGE OF MEDICINE, ADJUNCT PROFESSOR MEDICINE, JOHNS 486 HOPKINS UNIVERSITY SCHOOL OF MEDICINE; MICHELLE WHITTEN, 487 PRESIDENT, CEO, AND CO-FOUNDER, GLOBAL DOWN SYNDROME 488 FOUNDATION; RANDY STROZYK, PRESIDENT, AMERICAN AMBULANCE ASSOCIATION; AND CHRISTINA ANNUNZIATA, MD, PHD, SENIOR VICE 489 490 PRESIDENT OF EXTRAMURAL DISCOVERY SCIENCE, AMERICAN CANCER 491 SOCIETY

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493 STATEMENT OF ANDY SHIH, PHD

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495 \*Dr. Shih. Thank you, Mr. Chairman. Good morning. 496 Happy Valentine's Day to all members of the committee. 497 Thank you, Chairman Guthrie, Ranking Member Eshoo, Chairman 498 \_ Chair McMorris Rodgers, and Ranking Member Pallone, and 499 all members of the committee for holding this hearing, for 500 inviting me to testify on the Autism CARES Act of 2024. I

501 would also like to thank Representative Chris Smith and 502 Representative Henry Cuellar for their leadership 503 introducing this important bill.

I am Dr. Andy Shih, Chief Science Officer for Autism Speaks, a national nonprofit organization dedicated to creating an inclusive world for people with autism throughout their lifespan. We do this through advocacy, services, support, research, and advances in care.

509 This committee has long recognized the urgent need to 510 invest in autism research and training programs to ensure 511 better care and wellbeing for autistic people. The Autism 512 CARES Act is a remarkable example of how bipartisan 513 collaboration can propel progress.

514 The most recent data indicates one in 36 children and 515 one in 45 adults are on the autism spectrum in the United 516 States. Like everyone else, each autistic person has unique strengths and challenges. Over the past two decades, we 517 have seen a fundamental change in our understanding of 518 519 autism and, most important, acceptance of autistic people. 520 At the same time, in large part due to research that the Autism CARES Act has founded funded, we have a much 521

522 clearer picture of the significant disparities that autistic people experience in terms of access to quality healthcare, 523 524 daily life support and services, and employment 525 opportunities. We know that autistic people struggle with 526 myriad of co-occurring health conditions at a much higher 527 rate. For example, about three-quarters of autistic 528 children have one or more mental health conditions. 529 Inextricably linked to these challenges are that many of 530 these inequities that exist within our society are 531 exacerbated for people with autism, which can often lead to 532 poorer outcomes.

533 To be sure, we have come a long way. Around 30 years 534 ago the NIH was spending less than 10 million dollars a year 535 on autism research and autism was thought to be extraordinarily rare. Since the first version of the Autism 536 537 CARES Act was signed into law, we have seen tremendous 538 The Autism CARES Act has been the single greatest progress. driver of autism research investment and training programs 539 540 for future health professionals who serve autistic people 541 led to countless advancements in our understanding of autism from biology of condition to the medical complexity that 542

543 affect autistic individuals at much higher rates. Through support of clinical and community-focused 544 program, Autism CARES Act ensures this knowledge reaches all 545 546 families through improved services, personalized interventions, and toolkits for autistic-specific 547 548 challenges. This work has formed the critical foundation 549 for moving forward. With reauthorization of the Autism 550 CARES Act, we will build on the progress made to close the 551 significant gaps that remain to for too many autistic 552 people and ensure that every autistic person is able to reach their full potential. This includes investing in more 553 554 research focused on the daily life challenges of autistic 555 adults and improving our understanding of autism and aging, 556 such as the elevated risk for dementia and heart disease. 557 It includes furthering research on how to reduce 558 disparities in autism diagnoses and access to services, 559 includes ensuring that we are researching how to best 560 support autistic people who are non-speaking or may need 561 additional communication support. It includes investing in more research in how we can best meet the healthcare and 562 safety needs of autistic people who require 24-hour care, 563

564 may struggle with harmful behaviors, and so much more. 565 I would just close with this thought. With increasing 566 autism prevalence rate coupled with much greater acceptance 567 of autism in our Nation, it is likely each of you knows 568 someone, a loved one, a friend, neighbor, constituent who is 569 on the autism spectrum. I would guess that if each of you turned to speak with a colleague next to you, they that 570 571 the individual experience, the strengths and challenges of 572 the autistic person you are thinking of, would be very 573 different.

As you move towards reauthorizing and enhancing the Autism CARES Act, I urge you to keep these individuals in mind. Let's work to ensure that they, along with millions of others on the spectrum, live the best life possible.

578 Thank you again for this opportunity to testify. I 579 look forward to your questions.

580 [The prepared statement of Dr. Shih follows:] 581

582 \*\*\*\*\*\*\*\*\*COMMITTEE INSERT\*\*\*\*\*\*\*\*

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584 \*Mr. Guthrie. Thank you for your opening statement.
585 And, Mr. Feist, you are recognized for five minutes for
586 your opening statement.
587

588 STATEMENT OF COREY FEIST, JD, MBA 589 590 \*Mr. Feist. Hello, my name is Corey Feist. I am the 591 CEO and Co-Founder of the Dr. Lorna Breen Heroes Foundation. 592 It is great to see you all again. 593 Our mission is to reduce burnout of health professionals and safeguard their wellbeing and job 594 595 satisfaction. Thank you to the chair and ranking member for 596 the opportunity to address you all today, and to this and 597 for this committee's working in the last Congress to pass 598 the Dr. Lorna Breen Healthcare Provider Protection Act. 599 While there has been much progress made since I sat in 600 this seat just a couple years ago, there are still millions 601 of health workers who are tirelessly working to save lives, yet often at great personal risk because of how the 602 603 healthcare system operates. I stand before you as the voice 604 of 22 million health workers urging you to reauthorize the 605 Dr. Lorna Breen Healthcare Provider Protection Act, H.R. 606 This legislation aims to combat suicide, burnout, and 7153. 607 the mental health challenges among health workers. I want to extend a special thanks to Representatives Kiggans, Buddy 608

609 Carter, Debbie Dingell, and Susan Wild, as well as Senators 610 Tim Kaine and Todd Young for their commitment to championing 611 this cause.

612 Addressing burnout necessitates a dual approach: 613 individual support and systemic change. Individual support 614 programs act like pressure on a bleeding wound, that wound 615 of burnout, essential for immediate relief. However, true 616 healing requires addressing the root cause of the bleeding, 617 the environment of care. Systemic efforts such as reducing administrative burdens on health workers are imperative to 618 619 long-term relief.

620 In 2021 I shared the tragic story of my sister-in-law, 621 Dr. Lorna Breen, the inspiration around our foundation. 622 Today rather than sharing Lorna's story, I want to share 623 stories of those who have reached out to us in response. In 624 just the last two week since the reintroduction or the 625 introduction of H.R. 7153, thousands of health workers have 626 written you all as representatives sharing poignant stories. 627 Retired nurse Tammy Brown shared the heartbreaking loss 628 of her husband Moe, an orthopedic surgeon, to suicide, 629 underscoring the urgency of ending the stigma around seeking

630 mental health. Tammy's message to you, "This loss is 631 enormous, tragic, and could have been prevented if he 632 wouldn't have feared punishment and stigma of needing help 633 at a very stressful time in his life. This should never 634 happen again.''

A veteran nurse highlighted the importance of
accessible counseling, emphasizing its positive impact on
both professional and personal life. These stories
illustrate the critical need for comprehensive mental health
support in the healthcare sector.

640 One particularly tragic story is that of Tristin Kate Smith, a 28-year old nurse who died by suicide. Before her 641 death, Tristin left a message which said, "Ever since I was 642 643 young I expressed an interest in healthcare and becoming a nurse, so I began my study. I gave my heart, my body, and 644 645 my mind to you. I no longer feel like you care about me or 646 the people you say you serve. When we dare to think we are finally getting the love and support we deserve, we get a 647 648 pizza party and free pens for the healthcare heroes. I so 649 desperately want to continue to help people, but I cannot stay in this abusive relationship any longer. Each day you 650

651 ask me to do more with less.''

Tristin's experience is not isolated. In fact, female nurses are eight-and-a-half times more likely to die by suicide than the general female population.

655 In October of 2023, the CDC issued their vital signs 656 report which underlines the mental health crisis within the 657 healthcare workforce with significant increases over the 658 past few years in burnout, intent to leave, and harassment. 659 Further alarming statistics indicate that over the past few 660 years there has been a significant exodus from the nursing workforce with nearly 900,000 registered nurses intending to 661 662 leave by 2027.

663 Coupled with the impending surge in the elderly 664 population by almost 50 percent in the next 10 years, this 665 amplifies the urgency around this impending healthcare 666 crisis. Who is going to take care of all of us? 667 The Dr. Lorna Breen Healthcare Provider Protection Act is a vital step and has catalyzed the change in supporting 668 669 and protecting the healthcare workforce. 103 million in 670 funding has supported 44 health organizations in implementing this work, however that represents less than 671

672	one percent of health workers and one percent of the
673	hospitals in this country.
674	Additional resources funded the Impact Wellbeing
675	Campaign which provides health leaders evidence-informed
676	solutions to reduce burnout. Hospital leaders need guidance
677	in doing this work. This Act's reauthorization focuses on
678	reducing administrative burdens, recognizing the need to
679	address this burnout and this bleed at its root cause. This
680	is not merely policy, it is vital to our healthcare delivery
681	supply chain.
682	Thank you for your time, consideration, and support.
683	[The prepared statement of Mr. Feist follows:]
684	
685	*******COMMITTEE INSERT********
686	

687	*Mr. Guthrie. Thank you for your opening statement.
688	Thank you for all your work.
689	Dr. Pike, you are recognized for five minutes for
690	opening statement.
691	

692 STATEMENT OF JOANNE PIKE, DRPH

693

694 \*Dr. Pike. Chairs McMorris Rodgers and Guthrie, 695 Ranking Members Pallone and Eshoo, and members of the 696 subcommittee, my name is Joanne Pike, and I am the President 697 and CEO of the Alzheimer's Association and CEO of the 698 Alzheimer's Impact Movement. Thank you for the opportunity 699 to testify today to discuss four key laws that have been 700 instrumental in prioritizing our Nation's response to the 701 growing impact of Alzheimer's on over six million Americans 702 and their 11 million caregivers.

703 The Association and AIM are proud to support the NAPA Reauthorization Act, the Alzheimer's Accountability and 704 705 Investment Act, the BOLD Reauthorization Act, and the 706 Lifespan Respite Care Reauthorization Act. We are grateful 707 to the subcommittee and the champions leading these 708 bipartisan bills for their timely consideration. Congress 709 must reauthorize these laws now to ensure our country 710 continues to advance policies that improve the lives of 711 people living with dementia and their caregivers. 712 I also want to take an opportunity to thank all of the

713 advocates behind me in the room today and those watching 714 nationwide, especially those living with dementia or mild 715 cognitive impairment, by sharing your stories, by advocating 716 in your communities. You are giving everyone living with 717 dementia the courage to do the same. You inspire all that 718 we do to achieve our vision of a world without Alzheimer's 719 and all other dementia.

As too many of us in this room know, Alzheimer's is a progressive fatal brain disease. We need to continue our commitment to think boldly, dream bigger, and step up to deliver a future in which no one is left behind. Not in prevention, or diagnose, or treatment, or support, or care, or cures.

726 In 2011, Congress passed the bipartisan National 727 Alzheimer's Project Act, also known as NAPA, resulting in 728 the landmark national plan to address Alzheimer's Disease. 729 The national plan continues to drive meaningful change, creating and implementing strategies to address Alzheimer's 730 731 and other dementia. NAPA also led the creation of the 732 Advisory Council on Alzheimer's Research, Care, and Services, which I am currently serving. Simply put, the 733

734 landscape has changed as a result.

For the first time, people living in the early stages of Alzheimer's have FDA approved treatments that slow disease progression. In fact, more treatments and diagnostics are in the pipeline than ever before. While the national plan has clearly driven enormous progress, we still have much work to do.

741 The bipartisan NAPA Reauthorization Act would extend 742 this important work through 2035 and modernize the law to 743 reflect strides the field has made in understanding the 744 disease, such as including a new focus on healthy aging and 745 reducing risk factors. Reauthorizing NAPA ensures the 746 continuity of vital initiatives fostering advancements in 747 understanding treatment and care for individuals living with Alzheimer's Disease and other dementia. 748

The 2015 Alzheimer's Accountability Act complements NAPA's efforts by ensuring the NIH receives the funding and resources essential to making meaningful research progress in the fight against Alzheimer's. The law requires the NIH to annually submit a bypass budget, an estimate of the investment needed to reach the research goals of the

755 national plan. This annual bypass budget has been a crucial 756 blueprint for Congress, enabling historic increases in 757 Alzheimer's research, investments, and leading to a more 758 than seven-fold increase in Alzheimer's funding at NIH over 759 the past decade.

These increases have enabled groundbreaking advancements, including improved blood biomarker test accuracy. Blood biomarker tests will revolutionize the detection of Alzheimer's allowing for earlier, more accessible, and accurate diagnoses and the ability to track how people are responding to treatment. This progress must continue.

767 Reauthorizing this law through the bipartisan
768 Alzheimer's Accountability and Investment Act will reinforce
769 Congress's commitment to prioritizing the resources needed
770 to address the challenges posed by Alzheimer's and other
771 dementia. The bill would ensure NIH continues to submit an
772 Alzheimer's annual bypass budget to Congress and the
773 President through 2035.

The Alzheimer's community is also grateful to ChairmanBrett Guthrie and Congressman Paul Tonko for their

1976 leadership on the 2018 Building Our Largest Dementia 1977 Infrastructure for Alzheimer's Act, also known as the BOLD 1978 Act, and recent efforts to reauthorize this important law. 1979 The BOLD Act has enabled communities nationwide to implement 1980 public health strategies that promote brain health, address 1981 dementia, and support people living with dementia and their 1982 caregivers.

The BOLD Act is set to expire this year. The bipartisan BOLD Reauthorization Act of 2024 would ensure this important work continues in communities across the country. It is vital that Congress passes this bill. Doing so will help further population level improvements, achieve higher quality of life for those living with the disease and their caregivers, and reduce associated costs.

Finally, we thank the subcommittee for considering ways to help support caregivers of people living with chronic conditions such as Alzheimer's and other dementia through the Lifespan Respite Care Program which continues to play a crucial role in helping support caregivers and enhancing the overall quality of life for people with chronic conditions or disabilities. Reauthorizing this program is essential

797 for sustaining a supportive infrastructure to help alleviate caregiver stress and enhance care quality for people with 798 799 chronic conditions. 800 The swift enactment of these four bipartisan bills will enable further strides in understanding, treating, and 801 802 ultimately preventing Alzheimer's and other dementia. We 803 have so much to be excited about and hopeful about. We know many of us personally how important these advancements are 804 805 for real people, our families, our friends, and our 806 neighbors. 807 I appreciate the opportunity to testify before you 808 today and look forward to answering any questions you may 809 have. 810 [The prepared statement of Dr. Pike follows:] 811 812 813

814	*Mr. Guthrie. Thank you for your opening statement and
815	I appreciate it.
816	Dr. Tomaselli, you are now recognized for five minutes
817	for opening statement.
818	

819 STATEMENT OF GORDON TOMASELLI, MD

820

\*Dr. Tomaselli. Thank you, Chaiman Guthrie, Ranking Member Eshoo, and members of the Health Subcommittee of the Committee on Energy and Commerce. Thank you for this opportunity to testify on behalf of the American Heart Association, now celebrating its centennial year.

826 My name is Gordon Tomaselli, and I am a cardiologist 827 and an expert in the field of sudden cardiac death. You 828 have my CV, but briefly, I am the Emeritus Dean of the 829 Albert Einstein College of Medicine and a Professor of 830 Medicine at Einstein and at the Johns Hopkins School of Medicine. I am a former president of the AHA, and I have 831 832 been proudly among the organization's 40 million supporters for more than 30 years. 833

Although my interest in cardiovascular disease and science was codified early in my training, personal connection to that disease galvanized my clinical track. At the age of 49, my mother, who was suffering from cardiomyopathy, experienced a cardiac arrest. She was resuscitated but continued to suffer from life limiting

840 heart failure. She underwent cardiac transplantation which 841 allowed her to enjoy nearly two decades of full life. 842 Today, I am pleased to testify about the ways in which 843 your bills under consideration, namely the Cardiomyopathy 844 Health Education Awareness Research and Training in the 845 Schools Act of 2023, or the HEARTS Act, and the Congenital 846 Heart Disease Congenital Heart Futures Reauthorization Act 847 of 2024 would improve the health and safety of students 848 afflicted with congenital heart disease.

849 First, a story as a bit of backdrop for my remarks 850 today, and I refer you to the two photographs in front of 851 me. On what started as a regular day, Megan Etheridge and 852 her husband were working from home and their two kids were 853 at school. Megan's phone rang and she was told that her 854 son, Collin, had fainted after running up the stairs at her 855 middle as his middle school. That is pretty concerning, 856 but the school said he thought he would d be they thought 857 he would be okay.

A few minutes later the school called again. Things were not okay. Fortunately, this story has a happy ending, but Collin had fainted and had a cardiac arrest and wasn't

breathing. Collin's school had gone above and beyond in school safety. The school had created a cardiac emergency response plan, and easily accessible automatic external defibrillator, or AED, and staff who were trained and ready to perform CPR and use the AED. Today Collin is doing well and his parents have gotten the opportunity to see him grow up.

The American Heart Association thanks Ranking Member 868 869 Frank Pallone, Jr. for his work to champion the HEARTS Act 870 which will improve the safety of our schools and ensure 871 students, faculty, staff, and others are prepared to respond quickly and effectively to a cardiac arrest in classrooms 872 873 and on playing fields. The legislation requires HHS to 874 coordinate with CDC to develop educational materials and 875 resources on cardiomyopathy, a leading cause of disability 876 and sudden death among young people. It also calls for 877 guidelines regarding the placement of AEDs in school, the establishment of the cardiac arrest emergency plans, as well 878 879 as information on CPR training.

880 In addition to the HEARTS Act, the American Heart 881 Association strongly urges Congress to pass the bipartisan

882 Access to AED Act which would authorize critical resources 883 needed to implement many of these lifesaving policies. 884 Today more than 350,000 individuals in the United States 885 experience an out of hospital cardiac arrest, with only one in ten surviving. Up to 23,000 of these are lethal events 886 887 in children under the age of 18, many of them with cardiomyopathy or other congenital heart diseases, making 888 889 these preventable tragedies the leading cause of death for 890 high school athletes.

891 For every minute without CPR, a cardiac arrest 892 patient's chances of survival drops by 10 percent. The 893 average arrival time of emergency medical services is seven 894 minutes. Lay responders are often truly the first 895 responders and they need more CPR training and better access to AEDs to save lives. Evidence shows that in cardiac 896 897 arrest emergencies where people are close by, AEDs used 898 beforehand, before EMS arrival, patients survive meaningfully two-and-a-half times more likely than those who 899 900 did not receive the same care prior to EMS arrival.

901 Despite AEDs being proven as lifesaving devices, only902 20 states currently require AEDs to be placed in schools.

903 Even fewer states have programs to help schools purchase 904 these devices. The HEARTS Act, together with the Access to 905 AEDs Act, would fill these gaps. Ideally all school staff 906 should be trained in First Aid, CPR, and AED use.

907 This February as we observe the national \_ we observe 908 Heart Month, the American Heart Association is working to 909 turn a nation of bystanders into a nation of lifesavers so 910 that everyone everywhere is prepared and empowered to become 911 a vital link in the chain of survival and provide CPR and 912 AED. We hope that you will join this nation of lifesavers 913 as well as your constituents.

914 The American Heart Association is also pleased to support the Congenital Heart Futures Reauthorization Act and 915 916 we thank Congressman Gus Bilirakis for sponsoring this bill. It is a crucial piece of bipartisan legislation that 917 918 addresses the pressing need for continued funding and 919 research into congenital heart disease. This legislation builds upon the initial Congenital Heart Disease Future Act 920 921 of 2010, a pioneering effort to allocate resources specifically for congenital heart disease research and data 922 923 collection. This reauthorization act emphasizes the need to

924 advance congenital heart disease research and awareness by 925 further enhancing biomedical research at NIH, expanding public health research and data collection at CDC, and 926 927 raising the public awareness of congenital heart disease 928 throughout the patient's lifespan. 929 I thank you for the opportunity to offer my perspective 930 today and for your continued leadership to improve 931 cardiovascular health and wellness. The written and oral 932 statements reflect my views and that of the American Heart 933 Association and not necessarily those of Johns Hopkins University or the Albert Einstein College of Medicine. 934 Ι 935 look forward to your questions. 936 [The prepared statement of Dr. Tomaselli follows:] 937 938 939

940 \*Mr. Guthrie. Thank you. Thank you for your opening 941 statement. 942 The chair will now recognize Ms. Whitten for five 943 minutes for your opening statement. 944

945 STATEMENT OF MICHELLE WHITTEN

946

947 \*Ms. Whitten. Chairman Guthrie, Ranking Member Eshoo, 948 Chairwoman Rodgers, and members of the committee, thank you for the opportunity testify at today's hearing. My name is 949 950 Michelle Sie Whitten, and I am the Co-Founder, President, 951 and CEO of the Global Down Syndrome Foundation and the 952 mother of two, including Sophia, a vivacious 20-year old 953 sophomore at Regis University who happens to have down 954 syndrome.

955 People with down syndrome are born with three copies of 956 Chromosome 21 instead of two. This extra chromosome results 957 in a radically different disease profile whereby people with 958 down syndromes are highly predisposed to certain diseases and highly protected from others. For example, people with 959 960 down syndrome are the largest population with a genetic 961 predisposition to Alzheimer's Disease. By studying people with down syndrome, we can help our loved ones with the 962 963 condition and potentially help millions of others who suffer 964 from Alzheimer's.

965

Half or more of people with down syndrome are born with

966 congenital heart defects, are predisposed to autoimmune 967 disorders and to certain blood cancers. Conversely, they 968 are highly protected from developing solid tumor cancers 969 such as breast cancer or prostate cancer.

In the 1980s, the average lifespan of a person with down syndrome was 28 and today it is 60, but that is still l6 years behind the general population. And, unfortunately, for those in rural areas and for black people with down syndrome, preliminary studies indicate a substantially shorter lifespan.

976 Down syndrome is a complex condition and research needs 977 that involve almost every one of NIH's 27 institutes and 978 centers. Fortunately, our bipartisan congressional 979 champions, Chair Rodgers and Representatives Rosa DeLauro and Tom Cole, recognize the impact down syndrome research 980 could have on millions of Americans. They increased federal 981 982 funding and urged NIH to initiate a trans-NIH or NIH-wide 983 effort called INCLUDE, Investigation of Co-Occurring 984 Conditions Across the Lifespan to Understand Down Syndrome. 985 Global is forever grateful to these fierce advocates. 986 There is no doubt that the creation of INCLUDE is

987 increasing lifespan and improving health outcomes in those with down syndrome. Since fiscal year 2018, INCLUDE has 988 989 provided 556 unique awards from 18 different NIH institutes 990 and 11 institutes participating in down syndrome research for the very first time. Just consider some of the 991 992 progress. Because of INCLUDE, we now have 12 down syndrome 993 clinical trials, but more is needed. Because of INCLUDE, my daughter and the 450,000 people with down syndrome in the 994 995 U.S. are starting to have the opportunity to participate in 996 Alzheimer's research, and INCLUDE has established a 997 groundbreaking data coordinating center led by Dr. Espinosa 998 where all scientists have open access to research across all 999 the NIH institutes.

1000 Global has long advocated for down syndrome centers and recently INCLUDE has put out a request for proposal for the 1001 1002 very exciting and transformative down syndrome clinical 1003 cohort coordinating centers, DS4C, and centralized biobank. The DeOndra Dixon INCLUDE Project Act of 2024 to authorize a 1004 1005 trans-NIH model for down syndrome research would ensure that 1006 multiple NIH institutes will collaborate and coordinate research planning, funding, and sharing and disseminating of 1007

#### 1008 research results.

Global is so moved that our sponsors are paying tribute to our beloved global ambassador and Quincy Jones Exceptional Advocacy awardee DeOndra Dixon, an accomplished self-advocate who tragically passed away in 2020 at the age of 36. This legislation honors her and all individuals with down syndrome.

I also want to express Global's support for the 1015 1016 Charolotte Woodward Organ Transplant Discrimination Prevention Act which would prohibit healthcare providers and 1017 1018 matching entities from discriminating against patients who need organ transplants solely based on disability. 1019 This 1020 bill highlights the importance of a need for auxiliary aids and services, a support system to assist with post-operative 1021 care and the need for reasonable modifications to policies 1022 1023 and procedures to make organ transplant systems and 1024 facilities more accessible to those with disabilities. In addition, we want to share our support and 1025 1026 appreciation for Chair Rodgers's bill, the Protecting 1027 Healthcare for All Patients Act, which bans all federal health programs from using discriminatory measures such as 1028

1029	the quality adjusted life gears to deny or restrict medical
1030	coverage for patients with down syndrome or other
1031	conditions. It is important that this applies to all
1032	government health programs and not just Medicare.
1033	While there is still much work to do $\_$ to be done for
1034	us to close the gap on lifespan and health outcomes for
1035	those with down syndrome and other intellectual
1036	disabilities, the momentum continues to build for people
1037	with down syndrome who are entering a new era where they are
1038	respected citizens. Authorizing the INCLUDE Project ensures
1039	our dedicated researchers can continue to work to reduce
1040	health disparities, elongate life, and improve health
1041	outcomes, not only for people with down syndrome but for
1042	everyone.
1043	Thank you again for the opportunity to testify today,
1044	and I look forward to your questions.
1045	[The prepared statement of Ms. Whitten follows:]
1046	
1047	*********COMMITTEE INSERT********
1048	

1049 \*Mr. Guthrie. Thank you for you testimony.

1050 The chair will now recognize Mr. Strozyk for five

1051 minutes for questions opening statement.

1053 STATEMENT OF RANDY STROZYK

1054

1055 \*Mr. Strozyk. Good morning, Chair Guthrie, Ranking 1056 Member Eshoo, members of the House Energy and Commerce 1057 Subcommittee on Health, and the full committee Chair 1058 McMorris Rodgers and Ranking Member Pallone.

1059 I am incredibly honored to be here today to provide 1060 testimony on several legislative proposals on today's agenda 1061 that speak to the importance of emergency medical services across our healthcare system. My name is Randy Strozyk. I 1062 1063 have the great honor of being the President at the American 1064 Ambulance Association, a trade association that represents 1065 organizations providing both 911 service and vital ground 1066 interfacility transports across our Nation.

In addition, my day job is I am the Senior Vice President of Operations at American Medical Response and Global Medical Response, the largest provider of ground ambulance services in the United States. I have also been in EMS for 40 years now, and today listening to the various testimonies each of the members \_ or representatives here today touched my life and members of our community who

1074 provide EMS.

The American Ambulance Association and members of all 1075 EMS providers, public or private, serve as the healthcare 1076 1077 safety net for our communities and play a critical and 1078 unique niche role in responding to hurricanes, floods, 1079 fires, and other disaster situations. EMS providers respond 1080 24 hours a day, seven days a week for those in need, and put 1081 simply, we are there for all Americans when they call for 1082 help every day.

1083 In the interest of time today, I will be speaking on 1084 four bills and representing those. Each of these bills have 1085 strong support from national organizations that are behind 1086 them, and for time, I will avoid going through the long 1087 list.

But one that is really critically important to America today is House Resolution 4646, the SIREN Reauthorization Act. Across America, much of EMS is provided to rural America by volunteer and not-for-profit and public entities. Funding for these entities is always difficult and a challenge either because of limited tax spaces or small communities. But as we found during COVID, these programs

1095 and these systems were a critical part of delivery of 1096 healthcare.

At 2:00 in the morning in the middle of rural America when you needed help and dialed 911, they came and they provided service. In addition, new challenges arose for these various rural services where they had to provide transportation across to larger tertiary facilities. Many of these services are provided by volunteers.

In addition, they are now being impacted by both the epidemic of opioids and increased levels of mental healthcare that is requiring additional levels of training. We call on the support for the this and we are very pleased to thank Representative David Joyce and Debbie Dingell for making \_ bringing this bill forward and the importance of it.

1110 Next, one that has \_ all of us as parents and 1111 grandparents are very supportive of is the Emergency Medical 1112 Services for Children Reauthorization Act, House Resolution 1113 6960. In my 40 years as an EMS provider, early days as a 1114 paramedic, we have seen the change in healthcare for 1115 children from treating them as small adults to truly what

1116 they are, they are a unique group of citizens and caregivers 1117 that need a special level of education and opportunity to 1118 receive the proper care.

1119 We have trained our EMTs and paramedics to have new 1120 skills to understanding the level of care recognize not only 1121 the levels of injury and need for tertiary care, but we brough that level of training forward to rural hospitals and 1122 1123 then to make that determination to take that to forward to community and large hospitals and the many children 1124 1125 hospitals. This has been incredibly important and we have 1126 seen a tremendous increase in outcome in efficacy, level of 1127 care, and positive outcomes. As a grandparent, I can't 1128 support this more. Great thanks to Representatives Carter, 1129 Castor, John Joyce, and my representative, Kim Schrier, for 1130 introducing this act.

1131 My third today is the Reauthorization of the Traumatic 1132 Brain Injury Program, House Resolution 7208. We have 1133 learned through time that the treatment, identification, and 1134 follow-up of treatment of traumatic brain injury is a 1135 critical factor in the return to \_ of quality of life by 1136 patients who have suffered these injuries. Research and

education has taught us how to better protect our student athletes, how to protect citizens post-accident, and use this as a means of bringing not only what we have learned from our military experiences but to bring care forward. And continued research on the issue of treatment of traumatic brain injury will be critical.

1143 There is an interesting analogy of a poll here is that 1144 motorsports has become an important part of training and 1145 education. NASCAR, Indy car, IMSA are all involved very 1146 distinctly in finding and identifying means of taking care 1147 of this.

1148 And finally, I want to speak to the amendment of Public Health Service Authorization for Poison Control Centers. 1149 As 1150 a parent, I totally understand the importance of this these centers across America have become a critical part of 1151 1152 our system of providing care to citizens. And as it grows in exposure to opioids and so forth, these centers are a 1153 treasure to all of us who provide care and to parents every 1154 1155 day who need to call for this help.

1156 I have appreciated my time today, and I will finish 1157 very quickly by saying we will be coming forward to the

1158	committee to talk future on funding for EMS across our
1159	country, which is at risk, as we have _ cost have risen, and
1160	then finally to talk about how we are going to inquire and
1161	bring on new members to provide EMS to our country $\_$ for our
1162	country for our staffing and workforce issues.
1163	I appreciate your time, and I am 56 seconds over.
1164	[The prepared statement of Mr. Strozyk follows:]
1165	
1166	********COMMITTEE INSERT********
1167	

1168 \*Mr. Guthrie. Well, thank you for your testimony \_ or 1169 your testimony. 1170 And, Dr. Annunziata, you are now recognized for five 1171 minutes. 1172

1173 STATEMENT OF CHRISTINA ANNUNZIATA, MD, PHD

1174

\*Dr. Annunziata. Thank you. Good morning, Chairman 1175 1176 Guthrie, Ranking Member Eshoo, and members of the subcommittee. I am Christina Annunziata, Senior Vice 1177 1178 President of Extramural Discovery Science for the American 1179 Cancer Society, and I am pleased to be here today to express 1180 strong support of the American Cancer Society and our affiliate, the American Cancer Society Cancer Action Network 1181 for the Screens for Cancer Act and the Women Lung Cancer 1182 1183 Research and Preventive Services Act. Passage of these two 1184 bills could have a critical impact on reducing the burden of 1185 cancer for women in our country.

1186 Breast and lung cancer are the leading causes of cancer incidents and mortality in women. In 2024, 970,000 women 1187 1188 will hear the word you have cancer, including 310,000 new 1189 cases of breast cancer, 111,000 new cases of lung cancer, and 13,000 new cases of cervical cancer among women. Also 1190 1191 in 2024, 288,000 women will lose their lives to cancer, 1192 including 42,000 deaths from breast cancer, 59,000 deaths from lung cancer, and 4,300 deaths from cervical cancer in 1193

1194 women.

1195 We also know that cancer does not affect everyone equally and there are differences among women themselves and 1196 1197 between women and men. For example, despite historically 1198 lower smoking rates than men, women still make up half of 1199 all lung cancer cases and deaths. Compared to men, women 1200 have slightly higher proportion of lung cancers that are not 1201 attributed to factors like smoking, and while lung cancer is 1202 higher for men overall, in the younger population of ages 35 to 54, the cancer incidence is higher in these younger women 1203 1204 than for their male counterparts. And this is also a fact not fully explained by smoking status. 1205

1206 With respect to breast cancer, the death rate for black 1207 women is 40 percent higher than for white women, despite lower breast cancer incidence rates in black women. 1208 Similar disparities occur in cervical cancer where the death rate 1209 1210 for black women and Native American women are 65 percent higher than for white women. And according to the recently 1211 1212 released American Cancer Society Facts and Figures Report, cervical cancer is actually increasing in incidence in women 1213 ages 30 to 44. 1214

Women who are underinsured or uninsured are less likely to get the recommended screening for breast and cervical cancer resulting in a greater risk at being diagnosed at later more advanced stages of disease than women who are insured. And the more advanced stages of cancer require more intense treatments and carry a higher risk of death from the cancer.

1222 These two pieces of legislation can change those facts 1223 and reduce the number of women who suffer and die from cancer in the United States. The Screens for Cancer Act 1224 1225 reauthorizes the National Breast and Cervical Cancer Early 1226 Detection Program through 2028 and gives greater flexibility 1227 to grantees to implement innovative, evidence-based, early 1228 detection and screening interventions to reach women 1229 eligible for the program.

1230 The American Cancer Society Cancer Action Network has 1231 long advocated for this screening program because it is the 1232 gold standard for providing breast and cervical cancer 1233 screening, diagnostic tests, treatment referral services to 1234 women who have limited incomes and are uninsured or 1235 underinsured. Funding for the program helps address

1236 inequities in breast and cervical cancer screening and 1237 diagnosis, especially for people who are geographically 1238 isolated and for those who belong to racial and ethnic 1239 groups that are disproportionately impacted by these 1240 cancers.

1241 The program has been highly successful, having provided 15 million screening exams to more than six million eligible 1242 1243 people and detecting more than 75,000 breast cancers, 24,000 1244 pre-malignant breast lesions, as well as 5,000 cervical 1245 cancers, and 235,000 pre-malignant cervical lesions since 1246 its inception in 1991. Simply put, without this program, 1247 more women would be diagnosed with breast and cervical 1248 cancer at later stages leading to unnecessary suffering and 1249 premature death. Passage of the Screens for Cancer Act is necessary to ensure continued and timely access to vital 1250 1251 breast and cervical cancer screenings which help reduce the 1252 unequal cancer burden.

1253 In my role at the American Cancer Society, I lead an 1254 interdisciplinary team of scientists to identify and fund 1255 the most innovative and promising research to end cancer as 1256 we know it for everyone. The Women and Lung Cancer Research

and Prevention Services Act calls for the same scientific 1257 1258 process through an interagency collaboration to review and 1259 identify opportunities for research on women with lung 1260 cancer, including evaluating environmental and genomic factors contributing to lung cancer in women and advancing 1261 1262 new technologies for prevention, risk assessment, diagnosis, 1263 and treatment. This type of cutting edge research tied with 1264 evidence-based public education campaigns can truly turn the 1265 tide on women and lung cancer.

So thank you for this opportunity to testify today and express our strong support for the Screens for Cancer Act and the Women and Lung Cancer Research and Preventive Services Act. We urge you both to pass these bills as quickly as possible to end cancer as we know it for everyone. Thank you.

1272

1273 [The prepared statement of Dr. Annunziata follows:]
1274

- 1275 \*\*\*\*\*\*\*\*COMMITTEE INSERT\*\*\*\*\*\*\*\*
- 1276

\*Mr. Guthrie. Thank you, Dr. Annunziata. Thank you for your opening statement. And now that concludes all of our opening statements. We will go to members' questions, and so I will begin by recognizing myself for five minutes for questions

1282 And, Dr. Pike, I focused on the BOLD Infrastructure for Alzheimer's Act before and focused on it because my I saw 1283 1284 my mother-in-law care for her father, and over the last 1285 couple of years or a little longer, see my family my wife and her siblings care for her as she and I think that was 1286 1287 the biggest burden when she realized what was happening to 1288 her, that she knew what she had to do for her father, what 1289 it was going to put on her family. So it is important that 1290 we address it in every way possible. And she passed away in 1291 October.

But in reauthorizing the BOLD Infrastructure for Alzheimer's Act for another five years, this will ensure our constituents living with the disease, including 75,000 Kentuckians, can continue to benefit from initiatives under BOLD that promote brain health, improve early detection and diagnosis, and support people living with dementia.

So, Dr. Pike, could you describe some impactful realworld examples that you have seen over the last five years since BOLD was in action, and also would you suggest any educational resources that you think may be helpful to caregivers, providers, and patients that the reauthorization bill can work toward providing?

1304 \*Dr. Pike. Thank you for your leadership, Chairman 1305 Guthrie, in introducing the original BOLD Act and its much 1306 needed reauthorization as well. The BOLD Act has proven to be successful in as a resource in implementing effective 1307 1308 Alzheimer's public health strategies in communities 1309 nationwide. And since 2018, the CDC has established three Alzheimer's public health centers of excellence and has made 1310 66 awards to 45 state, local, and tribal public health 1311 1312 departments, including in your state of Kentucky.

In Kentucky, for example, BOLD funding is increasing the state's capacity to operationalize its Kentucky State Alzheimer's Plan. Kentucky's initial investment in Alzheimer's Disease and other dementia led to the creation of a full-time state agency. The dementia services coordinator staff position is also a catalyst that came from

1319 your BOLD public health award. And in September 2023 the 1320 Kentucky Department of Public Health was awarded funding to develop strategic statewide strategies to address 1321 1322 Alzheimer's which is already allowing the state to support 1323 the work of Kentucky's Office of Dementia Services. 1324 There are education programs, though, that come along with that that focus on risk reduction, early detection, and 1325 1326 also healthcare system education as well. So there are things that we can introduce long-term certainly, but things 1327 that we know have been successful to move the needle on the 1328 1329 public heath strategy for Alzheimer's. Thank you. 1330 \*Mr. Guthrie. Thank you. Thank you for that answer. Now, Ms. Whitten, would you discuss the various co-1331 1332 occurring conditions individuals with down syndrome may have

1334 syndrome have equal access to approved therapies and

1335 treatments?

1333

\*Ms. Whitten. Yes, absolutely. You know, we have talked about Alzheimer's. You know, unfortunately, a hundred percent of people with down syndrome will have the plagues and tangles associated with Alzheimer's and an

73

and why it is critical to ensure that down those with down

estimated 70 percent will go on to get the dementia. This is a really important population. Also cancer, there's certain kinds of leukemia that are really up in people with down syndrome. Autoimmune disorders really high up, well over 50 percent.

1345 And then you even autism, you know, my colleague here from Autism Speaks, the recent American Academy of 1346 1347 Pediatrics quideline shows that it is not what it thought it 1348 was in 2011, maybe two or three percent, it could be as much as 30 or more percent of people with down syndrome also have 1349 1350 autism. They also are protected from certain kinds of heart 1351 attacks, certain kinds of stroke, and as the Chairwoman 1352 said, it is extraordinarily rare for a person with down 1353 syndrome to suffer from a solid tumor.

So this radically different disease spectrum really requires a NIH-wide approach to research. In the past they have done great work at the NICHD, but we can't just be siloed in a child health and human services area. So this trans-NIH approach really is not only going to help, you know, nine million people with down syndrome worldwide, but it stands to really help those people suffering from

1361 diseases that have the co-occurring or where they are

1362 protected from.

I think it is important to note that where they are up or down in diseases, those diseases represent 60 percent of American deaths, so these are major diseases. So we are very excited and so grateful for all of your support for this important bill.

1368 \*Mr. Guthrie. Thank you. And I have just a few seconds, I don't have enough for another question, but in 1369 cardiac arrest, I just an example why this is so 1370 important. I had an \_ I was talking to my wife on the phone 1371 1372 one time, in Kentucky sometimes storms just pop up, it 1373 doesn't even look like you could have one, but it happens. And my wife I heard the thunder, and she goes, wow, that 1374 1375 was really close.

1376 Turned out a kid about three houses down from us had 1377 been struck by lightning and \_ which turns out to be a good 1378 story, given that, is that the person he was with was 1379 another young teenager who knew CPR from Boy Scouts. A guy 1380 around the corner was an ambulance guy named Gary Madison 1381 who is our legendary in paramedics, just around the corner

heard it on his radio, and he immediately had a teenager 1382 1383 doing CPR, then a professional doing CPR. Life flighted to Vanderbilt and is now living a but if he hadn't have had 1384 1385 that kind of care and I am out of time, so but if he hadn't had that kind of care that is what is important, 1386 1387 that we try to get care as quickly as possible. And my time is expired. I will yield back and 1388 1389 recognize the gentlelady, the ranking member from California 1390 \*Dr. Tomaselli. I would say that is an outcome that we 1391 1392 hope for in the American Heart Association, that something like that doesn't turn into a tragedy. 1393 1394 \*Mr. Guthrie. Yeah, immediate response is important. So, Ranking Member. 1395 1396 \*Ms. Eshoo. Thank you, Mr. Chairman, and I want to 1397 thank each of the witnesses. You have given really such important testimony. And to all of the advocates in the 1398 hearing in our hearing room today, you need to know that 1399 1400 you are the oxygen of all of these efforts. 1401

1401Before I came to Congress, I thought that Congress was1402a proactive institution, and I don't know what got into me,

1403 but I got here and quickly realized it is a reactive 1404 institution, reacts to the voices of people from across the 1405 country. So when I say that you are the oxygen of all of 1406 these efforts, the you move the needle every day, every 1407 month, every year in all of these efforts, and we are all 1408 really very, very grateful to you, and I am always mindful that legislation doesn't move without you, so bravo to each 1409 1410 one of you.

1411 Mr. Feist, it is great to see you again. You were here 1412 in 2021, you described that your late sister-in-law, Dr. 1413 Lorna Breen, was afraid because she was convinced she would 1414 lose her medical license if she asked for help, a fear that 1415 ultimately contributed to her death. Your testimony, you know, really outlined where we are in the country today. 1416 We have 6,120 hospitals in the country but only like one 1417 1418 percent, the needle has moved like one percent. I am 1419 grateful for the one percent, but at this rate the issue is 1420 not going to be addressed.

I don't know the following, and I would like to ask you if you do. Do hospitals cover their doctors' insurance or is it up to the doctors to \_

\*Mr. Feist. So 1424 1425 \*Ms. Eshoo. determine on their own what they buy? \*Mr. Feist. Which type of insurance are you speaking 1426 1427 of? 1428 \*Ms. Eshoo. Well, health insurance. 1429 \*Mr. Feist. Their health insurance, okay. 1430 \*Ms. Eshoo. Yeah. 1431 \*Mr. Feist. I didn't know if you meant malpractice 1432 insurance. 1433 \*Ms. Eshoo. No, no. 1434 \*Mr. Feist. So lots of insurance out there. So, first 1435 of all 1436 \*Ms. Eshoo. That is a whole 'nother issue. \*Mr. Feist. It is. By the way, I have Jennifer here, 1437 1438 Lorna's little sister. My wife is also here today with me. 1439 I didn't acknowledge her in my remarks, but she is here. 1440 \*Ms. Eshoo. Well, thank you for being here. 1441 \*Mr. Feist. Happy Valentine's Day, honey. 1442 \*Ms. Eshoo. Thank you. 1443 \*Mr. Feist. Thank you so much for asking that. It is 1444 really interesting. So the insurance that is covered by

physicians, if they are in for their care, personal care, 1445 1446 is their employee. So if they are employed by a hospital system, which a huge section of our physicians in this 1447 1448 country are 1449 \*Ms. Eshoo. That is why I am asking the question. \*Mr. Feist. then, yes, they do not have a choice, 1450 1451 they are given the insurance. You are probably getting at 1452 what their network of insurance of providers are? 1453 \*Ms. Eshoo. Well, I would like to know if in fact the 1454 hospitals the doctors are insured through their employer, 1455 the hospital, is mental health coverage part of it? \*Mr. Feist. It is. And importantly, what we 1456 1457 \*Ms. Eshoo. I don't know how far we get with administrative issues. I think they that they that 1458 1459 their insurance policy should cover mental health issues and 1460 that it be private and not subject to the general gossip of the hospital that Dr. Smith is receiving mental health 1461 1462 counseling.

1463 \*Mr. Feist. That is exactly right. So what you are 1464 getting at is actually where they need to get care. Now 1465 their employer defines who provides them the care, and in

1466 most cases if you are a hospital system providing insurance 1467 to your employees, you tend to not want to broaden the network of options because you are kind of paying your 1468 1469 competitor to take care of your employees, if you will. 1470 In the mental health space, what you are speaking to is exactly what we need to do. We need to broaden the networks 1471 1472 to make sure that physicians can seek care outside of the 1473 hospital. 1474 \*Ms. Eshoo. Well, let me ask you this. Don't you think in a reauthorization that this issue needs to be 1475 1476 addressed? \*Mr. Feist. Yes. Yes. So, I mean, if I may just for 1477 a second. What we are talking what you are talking about 1478 is allowing the networks for the physicians to be able to 1479 access outside of their institutions because of their 1480 1481 concern around confidentiality, and that is a that is a 1482 serious issue. 1483 \*Ms. Eshoo. Well, I think if it is confidential, it

really doesn't matter whether it is inside the institution they are working at or outside, or do you think I am wrong on that?

1487 \*Mr. Feist. If you speak to the widow of Scott Jolly 1488 from Utah, his only network option was in his hospital system, and he was so burdened by the stigma of being 1489 1490 treated by his colleagues, he died by suicide. \*Ms. Eshoo. Okay. Well, my time has expired. 1491 1492 \*Mr. Feist. Thank you. 1493 \*Ms. Eshoo. Thank you to each one of you. 1494 \*Mr. Guthrie. Thank you. The ranking member yields 1495 back, and the chair will recognize the chair of the full committee, Chair Rodgers, for five minutes for questions. 1496 1497 \*The Chair. Thank you. I, too, want to thank everyone 1498 for being here, all the advocates and the  $\$  and those that 1499 have testified. We are covering a lot of ground today. I wanted to start with Mr. Strozyk, and recognizing you 1500 1501 are from Washington State and a WSU alum, I wanted to say Go 1502 Couqs. But before I get to my question, I also wanted to 1503 quickly take some time to congratulate Mr. Jacob Ambach from Spokane, Washington for being recognized as one of this 1504 1505 year's distinguished Stars of Life honorees by your 1506 organization, the American Ambulance Association. Mr. Ambach saved the lives of five patients who suffered from 1507

1508 cardiac arrest last year, and if it had not been for his 1509 work, the patients may not have survived. So we greatly 1510 appreciate his service.

Now, Mr. Strozyk, you mentioned in your written testimony that EMTs and paramedics have experienced increasing challenges when responding to mental health and substance use disorder related calls. Would you just speak briefly about some of the challenges and how the SIREN Reauthorization Act would help improve patient care?

1517 \*Mr. Strozyk. Thank you, and I greatly appreciate the 1518 words Go Cougs, so that has made my day.

1519 Chairwoman, across the country as the epidemic has 1520 occurred with opioids, which we can always speak in terms of major cities, be it Seattle, be it Spokane, be it Portland 1521 1522 where we have seen this across the country, as this has 1523 spread into rural America, it is an environment that is 1524 foreign. It is hard to imagine that your neighbor could be overdosed on fentanyl and you are having to deal with this. 1525 1526 In addition, mental health illness, as it has progressed and been recognized across the United States, 1527

1528 requires an additional level of training and skill to handle

1529	so that the patient is taken to the appropriate level of
1530	care at the appropriate time. The difficulty as rural
1531	America has seen the closure of hospitals and clinical
1532	facilities, the ability to get these patients to that level
1533	of care has challenged these systems.
1534	*The Chair. Right. Okay.
1535	*Mr. Strozyk. As an example in your district, when
1536	they leave _
1537	*The Chair. Thank you.
1538	*Mr. Strozyk Washtucna to go to _
1539	*The Chair. Yes.
1540	*Mr. Strozyk Spokane, it is difficult.
1541	*The Chair. Yeah. Thank you. Thank you very much.
1542	Ms. Whitten, you know, for all the advocates, I will
1543	just _ you know, we have a son now with down syndrome, he is
1544	16 years old. And I will always remember when Michelle
1545	brought in Sophia and $\_$ to introduce me to her daughter
1546	early on, when he was first born, and just appreciate your
1547	advocacy for many years. I am grateful for those who went
1548	before me, as all advocates are. You know, we are all only
1549	one diagnosis or car accident away from being in the same

position, and so it really makes a difference. And just so grateful to you, Ms. Whitten, and your \_ all that you have done, your passionate advocacy for individuals with down syndrome.

1554 You outline some of the incredible accomplishments of 1555 INCLUDE and what has happened at NIH since Cole was first 1556 born and as we have come a long way. And it includes 1557 research at WSU now, examining dementia in individuals with 1558 down syndrome, related work to develop low-cost screenings that detect dementia at early stages. This is certainly 1559 1560 going to help individuals with down syndrome get treatment 1561 sooner.

The DeOndra Dixon INCLUDE Project Act is going to strengthen all of these activities and initiatives for many years to come. And I wanted to ask if you would speak to just what else NIH could be doing to further improve INCLUDE's mission and purpose and also support the down syndrome community.

Ms. Whitten. Thank you so much. And, of course, your leadership has been profound, right. We would \_ when my daughter was born, the funding for down syndrome research

1571	was 16 million. That was 20 years ago. And for 20 years,
1572	it kind of floundered between 16 and 22 million. So again,
1573	the leading cause of developmental delay, one of the least
1574	funded genetic conditions. All sorts of reasons why that is
1575	wrong.
1576	I would say $\_$ I also want to call out Mr. Frank
1577	Stephens _
1578	*The Chair. Yes.
1579	*Ms. Whitten who is behind me_
1580	*The Chair. Mm-hmm, yes.
1581	*Ms. Whitten. $\_$ who has down syndrome who was at the
1582	seminal hearing that Congresswoman Rosa DeLauro and
1583	Congressman Cole had and from which INCLUDE sprung, right.
1584	And I think Frank's testimony that _ you know, he basically
1585	said if you take away one thing, know this, I am a man with
1586	down syndrome and my life is worth living. And the reason I
1587	bring that up is because, you know, we are humans, we are
1588	people, we are equal. We might be different, but we are
1589	equal and we deserve a lot better.
1590	And in terms of what NIH could be doing. I think they

And in terms of what NIH could be doing, I think they have got a beautiful structure through INCLUDE focusing on

clinical trials. We are still prevented from being 1592 participating in many, many clinical trials, and so NIH, 1593 working with FDA, working with advocacy organizations, we 1594 1595 need more people in clinical trials and we need more 1596 clinical trials for people with down syndrome, right. 1597 For example, our big discovery that down syndrome is an immune system disorder, right, and that a whole class of JAK 1598 1599 inhibitor drugs can actually stabilize their immune system 1600 is huge, but it is not something you would do for a typical person or a person without down syndrome. So that study. 1601 1602 And then, of course, DeOndra Dixon, I mean, she was a role 1603 model not just for people with down syndrome, not just for people who are black with down syndrome, just for all people 1604 in the way she lived her life, and I think, you know, this 1605 1606 act really honors her and it allows her to really advocate, 1607 you know, from up above

1608 \*The Chair. Mm-hmm.

1609 \*Ms. Whitten. \_ and make sure that people with down 1610 syndrome are getting the research that they deserve at the 1611 NIH and elsewise. The other thing that they can do is more 1612 RFAs like they are doing for transformational research and

1613 then more medical research. You know, we want it to be 1614 translational to people with down syndrome in our lives. \*The Chair. Thank you. Thank you just again, thank 1615 1616 you for your advocacy. It has been because of the because 1617 of Frank Stephens's testimony and so many others who have 1618 advocated that NIH is has come a long way, the research, and it is making a big difference in people's lives, and 1619 1620 this is just one example and much more to be done. Thank you, Mr. Chairman, I yield back. 1621 1622 \*Mr. Guthrie. Thank you. The chair yields back. And, 1623 Frank, would you just stand so everybody recognizes you here? Because I don't know, if you are on the front row 1624 1625 [Applause.] 1626 Thank you. Thank you for your advocacy. \*Mr. Guthrie. 1627 The chair will now recognize the ranking member of the 1628 full committee, Mr. Pallone, for five minutes for questions. 1629 \*Mr. Pallone. Thank you, Mr. Chairman. I wanted to 1630 start by talking about the HEARTS Act and go to Dr. 1631 Tomaselli. As I mentioned in my opening statement, I introduced the HEARTS Act after the tragic death of two 1632 young student athletes in New Jersey, and you are aware that 1633

1634 cardiomyopathy conditions affect approximately one out of 1635 500 people. Though cardiomyopathy is relatively rare, it is 1636 the leading cause of sudden cardiac death in children, which 1637 is very troubling to me.

1638 So a few questions if you could. Dr. Tomaselli, what 1639 does the data show about the impact of having access to AED 1640 devices in schools administered by trained personnel? 1641 \*Dr. Tomaselli. Ranking Member Pallone, thank you so 1642 much for the question. I would also add that there in addition to cardiomyopathy, there are a variety of other 1643 1644 conditions that are rare but when added together create a 1645 situation where in fact cardiac arrest is a palpable event 1646 in the community with often tragic outcomes.

1647 Now what the data show is that in out of hospital cardiac arrests, the survival is really quite miserable. 1648 1649 However, if we have AEDs and if we have responders who are 1650 nearby, the outcomes can be much improved. And a school is a community where in fact it is geographically constrained, 1651 1652 there ought to be lots of and if there the AED Act is in 1653 place, there ought to be a number of first responders who 1654 are close by, and I suspect that the two-and-a-half fold

1655 increase in meaningful survival in standard out of hospital 1656 cardiac arrest would be even much better in schools if we 1657 had AEDs and we had providers in those locations to provide 1658 prompt treatment of sudden cardiac arrest.

1659 \*Mr. Pallone. Now what about cardiac emergency 1660 response plans, why is that important for schools to have 1661 and can it make a difference between life and death? 1662 \*Dr. Tomaselli. Right. So again, an important point, 1663 again we are talking about a timeline here that is in minute seconds to minutes, not hours or days, so a response that 1664 1665 is prompt, a response that is coordinated is absolutely 1666 essential to improve outcomes. And this is done in a way 1667 most efficiently with a cardiac emergency response plan that includes a team, a team that has leadership that is drilled, 1668 that knows what to do, and in fact can overcome barriers 1669 that people feel when they are approached when they 1670 1671 approach a patient who has cardiac arrest.

1672 If you don't feel comfortable providing treatment, your 1673 reluctance will increase. Having a cardiac emergency 1674 response team and having training reduces that barrier to 1675 providing care, and I think again will help to provide

1676 prompt treatment for some cardiac arrest victims.

Mr. Pallone. Then I wanted to ask you about raising awareness because conditions like cardiomyopathy don't often present symptoms until it becomes advanced. So how do we help raise awareness about cardiomyopathy and disseminate information to schools, or local health departments, or health providers, how do we do that?

1683 \*Dr. Tomaselli. Yeah. So again, thank you. I think 1684 this is a problem but also a mandate, and the mandate includes some component of actually the patient knowing what 1685 1686 their own personal history is, what their family history is, 1687 and being prepared because some of this is going to be 1688 proactive, that is understanding who in your community is at 1689 risk because they have congenital heart disease or they have cardiomyopathy. But also reactive, and again links to the 1690 1691 AED programs and cardiac emergency response because even if 1692 you know beforehand you don't know when a bad event may 1693 occur.

1694 So being prepared to respond quickly but also 1695 understanding who is at risk in your community can allow us 1696 to better target where in fact defibrillators might be most

necessary. A related question that often comes up in this 1697 1698 context is that of screening athletes, screening athletes for sports participation. And in fact, there is an ongoing 1699 1700 debate in the community about how this should be done. The American Heart Association believes in a 14-element 1701 1702 screening protocol that includes personal history, family 1703 history, physical examination, and others, and measurement, 1704 for example, of blood pressures and cardiovascular 1705 examination that can identify people who might need further 1706 investigation.

One of the components of this that is a debatable piece of it is whether or not routine electrocardiography should be a part of this. We don't believe it should be because of the rarity of the disease and the frequency with which there are non-specific findings on the electrocardiogram that could lead to lots of expensive workup with no fruit at the end of that path.

1714 So I think the two things are making sure that people 1715 know their own personal family history, prospectively acting 1716 on those histories, and being able to react quickly should 1717 an adverse event occur.

1718 \*Mr. Pallone. All right, thank you so much. Thank 1719 you, Mr. Chairman, I yield back. \*Mr. Bucshon. [Presiding.] The gentleman yields back. 1720 1721 I now recognize Mr. Griffith for five minutes. 1722 \*Mr. Griffith. Thank you, Mr. Chairman, I appreciate 1723 that. Ms. Eshoo talked about the need to provide comprehensive mental health coverage for healthcare workers. 1724 1725 It is interesting that this week in the Richmond Times Dispatch, that would be February 12th, I am just going to 1726 read you the first two paragraphs. Dr. Trudy Shahady was 1727 1728 feeling burnt out. It was during the height of the pandemic 1729 and three unvaccinated patients had died of COVID-19 in the 1730 span of one week. She needed help she decided, so she called a program that existed nowhere else in the country, 1731 1732 one that allows doctors to seek therapy without putting 1733 their careers in jeopardy. 1734 This was a Virginia program. Virginia has been leading 1735 and one of the programs they implemented and was a secure

1736 subscription portal that healthcare workers can buy into.
1737 This program allows health workers to seek discreet therapy
1738 without a fear that they will lose their jobs or the mere

1739 fact that they called in and asked for help and got help 1740 would be used against them in every single malpractice case 1741 brought up after that point. But with protocols in place \_ 1742 the program had protocols in place for reporting certain 1743 instances. Over 8,000 workers in Virginia have taken 1744 advantage of this program.

Mr. Feist, what more can be done on top of reauthorizing these important programs at the federal level but won't hamper the state \_ what the states are trying to do? Because obviously states are innovative sometimes.

1749 \*Mr. Feist. States are innovative. And let me go 1750 beyond what Virginia is doing just to highlight it for the 1751 committee, because Virginia really is leading the country. 1752 No pressure on your other states, by the way. Their goal in 1753 Virginia is to be the best place to take care of healthcare 1754 to take care of patients.

And so this \_ the program you are speaking of is the Medical Society of Virginia's Champion Safe Haven Program. Last year the Virginia governor signed a new law into place which puts every single licensed health worker in 62 different health professions. That is 500,000 licensed

1760 health workers in Virginia now no longer have questions on 1761 their licensing applications that talk about their prior 1762 mental health treatment or diagnosis.

This change that Virginia made, as I said, is benefitting a half a million health workers and that is the kind of leadership that we need to see across the country when it comes to one of the two top barriers to accessing mental healthcare that healthcare workers have. The first is your license. The second is when you go to work for a hospital and your credentials.

1770 It was actually pointed out that there is over 6,000 1771 hospitals in this country. Well in the last year, in 1772 addition to changing the law in Virginia, 75 percent of the 1773 hospitals removed their questions from their credentialing 1774 application. That is when you go to work at a hospital, you 1775 need to be able to answer these questions, and they are 1776 often overly invasive and drive this stigma.

1777 So what we are trying to do it get at the primary cause 1778 of suicide of health workers and that is what others can do 1779 is to really very, very artfully just take a look at those 1780 questions that you are asking of your health workers and

1781	recognize that in those questions you are creating
1782	structural stigma that drives suicide, prevents mental
1783	health treatment, and is one very important way that your
1784	healthcare workers can feel valued and supported.
1785	*Mr. Griffith. And the article also touches on the
1786	high rates of suicide amongst our healthcare workers. Mr.
1787	Chairman, I know the other side hasn't seen it, so I am
1788	happy for it to be reviewed, but I would like to have that
1789	article from the Richmond Times Dispatch entered into the
1790	record if there is no objection. But give them a chance to
1791	take a look at it first. We will pass that on down.
1792	*Mr. Bucshon. Yeah, without objection.
1793	[The information follows:]
1794	
1795	********COMMITTEE INSERT*******
1796	

1797 \*Mr. Griffith. I will now move to Mr. Strozyk. Thank 1798 you so much, Mr. Feist.

Calls to the poison centers across the country 1799 1800 increased by 82 percent from 2021 to 2022. In 2022 alone in 1801 Virginia, there were more than 1200 calls into poison 1802 centers for THC related incidences. I have legislation that 1803 would attempt to create a regulatory framework for these 1804 products because the FDA has dragged their feet in 1805 addressing these products, leaving it to be kind of like the Wild West out there. And it affects children, it affects 1806 1807 others, but it particularly is affecting young people who 1808 don't who buy this stuff at the convenience store and 1809 think it is like candy because it comes in gummies.

1810 Have you had experience with your ambulances being 1811 called to address CBD issues?

\*Mr. Strozyk. We have had issues and calls related to that. Specifically, you raise a very good point about the issuance of candy, alternative administration of THC. This has grown. Mom and dad have it at home, the young child gets it, it is unknown, it is not regulated necessarily in terms of dosages.

1818 Equally and true is these modified medications or 1819 modified therapeutics that you find at 7-11 or whatever, and in some cases these have adverse effects. In the State of 1820 1821 Washington I believe two years ago, a gentleman 1822 overconsumed, and I can't name the product, he went out 1823 later on, shot two people. It was an incredibly tragic event. And yet these things are not protected, they are on 1824 1825 the counter, they are not age regulated, and we have seen an 1826 increase of effects by these. 1827 \*Mr. Griffith. Yeah, I appreciate it. 1828 My time is up. I have got lots of other questions I 1829 will submit for the record, but I yield back. 1830 \*Mr. Bucshon. The gentleman yields back. I now recognize Mr. Cardenas for five minutes. 1831 \*Mr. Cardenas. I would like to thank Chair Guthrie and 1832 1833 Ranking Member Eshoo for holding this hearing today, and I 1834 would like to thank all of our witnesses for lending your expertise and your opinions for this hearing today. 1835 1836 I am glad to see so many critical programs discussed today. I want to start by talking about uncompensated 1837 caregivers who play a key role for our broader healthcare 1838

1839 ecosystem. In fact, 83 percent of help to all older adults 1840 in the U.S. is from family, friends, or other unpaid 1841 caregivers. This is an issue that touches so many families, 1842 whether it is those who are blindsided by a devastating 1843 diagnosis or those who are providing care to a loved one 1844 with disabilities or debilitating illnesses.

Providing a high level of care is a 24/7 job, and for far too many, help is not on the way. That is why I am grateful to be co-leading the Lifespan Respite Care Reauthorization Act with my colleague, Rep. Molinaro. This bill reauthorizes a program that offers a life raft for so many who need a reprieve.

1851 My first question is for Dr. Pike with the Alzheimer's 1852 Association. Can you talk a bit about what respite care is and why it is so critical for caregivers and their patients? 1853 1854 \*Dr. Pike. Thank you, Representative Cardenas. Every 1855 day millions of American families are faced with unexpected illness, disease, or disability, and with each situation, a 1856 1857 caregiver could be behind that individual. And one thing we 1858 hear often is those are family caregivers that play a unique 1859 role.

1860 As I highlighted in my testimony, in the case of Alzheimer's and dementia, there are six million individuals 1861 living with Alzheimer's and 11 million of those caregivers 1862 1863 for this disease. Compared with caregivers with other 1864 diseases, caregivers for those with Alzheimer's and other 1865 dementia face unique challenges, stressors, and needs. The Lifespan Respite Care Program recognizes that vital role of 1866 1867 careqivers and has a proven track record of supporting their 1868 overall health and wellbeing by providing them with much needed respite for their care responsibilities. Thank you. 1869 1870 \*Mr. Cardenas. Thank you. In your testimony you note that for patients with Alzheimer's or dementia especially, a 1871 1872 caregiver is provided an estimated 18 billion hours of unpaid care just in 2022 alone. And what does this program 1873 mean for those individuals who are working around the clock 1874 1875 to provide necessary care and how are these resources 1876 particularly helpful for caregivers in medically underserved communities? 1877

1878 \*Dr. Pike. As I mentioned, those individuals caring 1879 for someone with Alzheimer's or another dementia, they have 1880 impacts that are related to emotional, financial, physical

difficulties that outweigh caregivers of other diseases or have a increased burden on them. This type of program gives them time, it gives them time to in essence recharge their battery and be able to provide care in a way that is \_ that is of higher quality within the home.

For those that are underserved or in a underserved community overall, this program is important from the standpoint of being able to provide essential resources that they may not have access to.

1890 \*Mr. Cardenas. Thank you. Mr. Chairman, I want to make sure that to mention the importance of legislation 1891 1892 that extends the Stop, Observe, Ask, and Respond to Health 1893 and Wellness Training Program which will improve health practitioner's ability to identify and support victims of 1894 1895 trafficking. Since I am almost going to be out of time, I want to make sure that I submit for the record this 1896 1897 testimony called HEAL Trafficking Doc. 1898 \*Mr. Bucshon. Without objection. 1899 [The information follows:]

1900

1901 \*\*\*\*\*\*\*\*COMMITTEE INSERT\*\*\*\*\*\*\*\*

1902

1903 \*Mr. Cardenas. Okay, thank you, Mr. Chairman. With my time remaining I would like to ask Dr. 1904 Tomaselli with the American Heart Association, Dr. 1905 1906 Tomaselli, in your testimony you note that fewer than 10 1907 percent of adults with CHD are receiving recommended care, 1908 that is congenital heart disease. Why is access to 1909 appropriate services so inadequate and how will the 1910 Congenital Heart Futures Reauthorization Act improve care 1911 protocols?

\*Dr. Tomaselli. Representative Cardenas, thanks \_ 1913 thank you for your question. I think there are a couple of 1914 answers to that. One is failure to recognize that in fact a 1915 patient does have congenital heart disease in the first 1916 place. That is a minor \_ that is probably a minor piece of 1917 all of this.

But there may be, and I think this came up in another question by another one of the representatives, there may not be an adequate workforce to actually provide the care for many of these patients, particularly in parts of the country where specialized care is not available. I think this really speaks to another mandate, and that is the

1924 mandate of making sure that we have a team approach to the 1925 care of these patients. Not every care provision needs to be by a doctor, but there are highly trained and nurse 1926 1927 practitioners, registered nurses, PAs, and others who are 1928 part of a care team who can provide care under the direction 1929 of a physician for these very specialized disorders. 1930 And we can also take advantage of what has happened over the last couple of years with COVID-19 in telemedicine 1931 1932 and leverage telemedicine actually for provision of care in places where it might not be readily available. 1933 1934 \*Mr. Cardenas. Thank you. My time having expired, I 1935 yield back, Mr. Chairman. 1936 \*Mr. Bucshon. The gentleman yields back. I now recognize Mr. Latta for five minutes. 1937 \*Mr. Latta. Well, thank you, Mr. Chairman, and thank 1938 1939 you very much to our witnesses for being with us today. In 1940 the United States we have the privilege to access many cutting edge medical devices and pharmaceuticals. What was 1941 1942 once almost impossible to treat, such as Alzheimer's or rare 1943 cancers now have hope due to American private industry 1944 innovation.

Dr. Annunziata, I hope I pronounced that correctly, advancements in our biopharmaceutical and medical device industry have allowed us to detect cancer earlier and save lives. Could you expand on how screening and early detection more broadly are critical to reducing the burden of cancer on patient and the healthcare system

1951 [indiscernible] out there to save lives?

\*Dr. Annunziata. Sure, absolutely. So screening and early detection, it is \_ I will just put it this way. It is much better to not get cancer than to get cancer. So the screening and early detection allows people to identify cancers at a pre-cancerous stage or before \_ or at a very early stage of cancer.

When cancer is diagnosed at an early stage, it is much easier to treat, it is much less burden on the healthcare system. So if cancers can be detected early, this would make a huge impact. Cancers that are detected later require much more chemotherapy, radiation, hospitalization, and put a huge burden on the healthcare system.

Also, people who are uninsured or underinsured will not have access to those cares or will have difficult access to

those treatments. So the effect of cancer or screening 1966 1967 and early detection has a huge impact on the American 1968 population. 1969 \*Mr. Latta. Let me follow-up, because each year, you 1970 know, we are getting closer to hopefully defeating cancer, 1971 particularly breast cancer. In women between the ages of 50 to 74, access screening every two years, this reduces death 1972 1973 by about 26 percent. We all want to get that number to a 1974 hundred percent up from 26. But what tools are out there that can help achieve this goal today? 1975 1976 \*Dr. Annunziata. So the tools that are out there, I 1977 think the Screens for Cancer Act is something that can really make an impact on the on the approaching cancer and 1978 preventing cancer in women who are uninsured or 1979 underinsured. I think the amount of resources invested 1980 1981 there should be maintained and can really help decrease the 1982 incidence of cancer and the detection at an early stage. 1983 \*Mr. Latta. Well, thank you. 1984 Dr. Pike, over 220,000 Ohioans suffer from Alzheimer's. 1985 In addition, it is estimated that 6.7 million Americans 65

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and older lived with Alzheimer's in 2023, and about one in

1987 three seniors will die with Alzheimer's or another dementia.
1988 You know, I am pleased to see that the reauthorization of
1989 the BOLD Act was included in today's hearing. What else can
1990 Congress do to eliminate this disease?

\*Dr. Pike. Thank you. Congress continues to play a critical role in the fight against Alzheimer's and other dementia, and we are so pleased and grateful that Congress continues to invest within the scientific progress that we are seeing and the funding that NIH receives. Over the past decade alone we have seen significant increases within that research funding.

1998 And while we have a tendency to focus a great deal on 1999 scientific progress, we also have to think about the reasons 2000 why we do that. It is the families, it is the people, and 2001 the ways that we can continue to contribute to support the 2002 caregivers that are also supporting those living with 2003 Alzheimer's. We have to consider the barriers these families face in their daily lives like the caregiving 2004 2005 support that they need, increased access to early and 2006 accurate diagnosis to support individuals who may have concerns about their cognition, and certainly a more 2007

2008 coordinated high-quality care that we can provide within the 2009 healthcare system.

2010 \*Mr. Latta. Well, thank you.

2011 \*Dr. Pike. Thank you.

2012 \*Mr. Latta. Dr. Strozyk or Mr. Strozyk, excuse me, 2013 despite not being federally legalized or approved by the 2014 FDA, hemp-based THC is being added to a wide range of food 2015 and beverage, often with packaging marketed to children. 2016 Numerous reports have highlighted that calls to poison control centers regarding cannabis have dramatically 2017 2018 increased around the country. In Ohio, for example, one 2019 such report indicated that calls focusing on marijuana edibles were up 115 percent from 2020 and experts expect 2020 2021 that number to continue to rise in Ohio since the Ohio Ohio's new recreational marijuana law has been implemented. 2022 2023 Given that many of these poison control calls involve 2024 children, what should states and the Federal Government be doing to ensure these products don't end up in the hands of 2025 2026 kids?

2027 \*Mr. Strozyk. Thank you, Congressman. I \_ you know,
2028 as a parent and a grandparent, I think it is imperative that

2029 rules be established and clearly be identified this is not a 2030 \_ this is not a toy, this is not something that should not 2031 be treated as any other medication, and for that matter the 2032 assumption of consumption of alcohol.

2033 So I think it requires both public education, public 2034 knowledge, and public awareness of the effect that these 2035 medication these over the counter drugs, these legalized 2036 drugs will have on children. It is not a short high, this 2037 is significant overdosing for children, and I think public 2038 awareness needs to be significant on this as well as 2039 discussions of protection, containerization, and clearly 2040 making everyone aware that access to this has a downside.

That being said, you know, equally to your poison control comment, we have seen an increase of children being exposed to opioids because it is commonly about and we need to educate everyone that our environment has become more at risk today.

2046 \*Mr. Latta. Thank you. Mr. Chairman, my time has 2047 expired, and I yield back.

2048 \*Mr. Bucshon. The gentleman yields back. I recognize2049 Mrs. Dingell for five minutes.

2050 \*Mrs. Dingell. Thank you, Mr. Chair. I want to begin 2051 by discussing the Charlotte Woodward Organ Transplant Discrimination Prevention Act, which is legislation I am 2052 2053 leading alongside my friend, Rep. Cammack. Thank you, Rep. 2054 Cammack, for your partnership on this important issue. 2055 This bill will prohibit discrimination against people 2056 with disabilities in the organ transplant system by ensuring 2057 eligible individuals are not declined a lifesaving 2058 transplant based on their disability. The bill is named for 2059 Charlotte Woodward who was an incredible young woman who was 2060 born with down syndrome. It is fitting today is Valentine's 2061 Day and National Donor Day since Charlotte received a lifesaving heart transplant in 2012. She celebrated her 2062 2063 12th heart anniversary last month and has dedicated her life to advocating for people with disabilities to receive equal 2064 2065 access. Charlotte is actually in the audience today. 2066 Charlotte, would you just stand up and wave so everybody can 2067 see you?

2068 [Applause.]

2069 \*Mrs. Dingell. Thank you. So she inspires all of us, 2070 and I want to wish her a Happy Valentine's Day, and

2071 everybody else, and I hope my colleagues will join me in 2072 supporting this legislation.

Ms. Sie Whitten, can you briefly explain why this bill is so important to the disability community, and where is discrimination most often appearing in the transplant system decision making process?

\*Ms. Whitten. Absolutely. You know, I am a mom of a 2078 20-year old with down syndrome, and the idea that if she 2079 were in need of an organ transplant and that she would be 2080 denied solely because somebody read down syndrome, it would 2081 be infuriating and also it is inhumane and unethical.

2082 So this legislation is really important. Even though 2083 there are 40 states that have laws that are supposedly 2084 preventing discrimination, there are still 10 states that don't have it. In addition, the states that do have it, it 2085 2086 is not consistent in the way it is administered, it is not 2087 consistent in the way that there is penalty if you break it, and then how do you actually pursue, you know, with now 2088 2089 with the Office of Civil Rights we have this pathway to 2090 pursuing, you know, if you want to sue because you haven't gotten it because people have been unethical. 2091

So I think for all those reasons it is hugely important 2092 2093 that we pass this bill. 2094 \*Mrs. Dingell. Thank you. 2095 \*Ms. Whitten. And I am just so proud that we have a 2096 person like Charlotte in our community 2097 \*Mrs. Dingell. It is wonderful. \*Ms. Whitten.  $\_$  who is  $\_$  has had that experience, and 2098 2099 I think naming it after her is beautiful. So I do think this is going to make a huge difference 2100 \*Mrs. Dingell. Thank you. 2101 \*Ms. Whitten. all across the board. Thank you. 2102 2103 \*Mrs. Dingell. Great. 2104 Now I got a lot of bills here 2105 \*Ms. Whitten. Yeah, yeah. 2106 \*Mrs. Dingell. so I am never going to get to all my 2107 questions, but thank you. 2108 Now I want to turn to Dr. Lorna Breen Healthcare Provider Protection Reauthorization Act, which is 2109 2110 legislation I am leading alongside Representatives Wild, Carter, and Kiggans. This bill will reauthorize Dr. Lorna 2111 Breen Healthcare Provider Protection Act which was 2112

2113 originally passed in 2022. I want to thank Mr. Corey Feist 2114 for being here to share Lorna's story and reiterate why it 2115 is critical we continue building on her efforts to support 2116 the men and women who, as you write in your testimony, work 2117 tirelessly to save other people's lives, often at their own 2118 personal risk.

Mr. Feist, can you elaborate I am going to ask you to 2119 2120 do this quickly because I got one more bill to get to, too. Can you elaborate on the lessons we have learned over the 2121 2122 past three years since the enactment of the Lorna Breen Act? 2123 \*Mr. Feist. Sure, and thank you so much for being a 2124 cosponsor. To be brief, because I could take four or five 2125 hours in answering that question, what I would say is one of 2126 the things that we have learned is that the root cause of 2127 the burnout of our physicians, nurses, and other health 2128 workers can be tied to a number of things, but the primary 2129 reason is the increased administrative burden that they carry. When you think about the fact that over 50 percent 2130 2131 of a nurse's time and over 70 percent of a physician's time is spent away from the bedside doing administrative work, 2132 2133 not only do I would I argue that we don't have a

2134 healthcare workforce crisis, we have a workforce doing the 2135 wrong thing. They are the only ones trained to take care of us and they are doing administrative work. So that is 2136 2137 driving burnout. 2138 The other thing that I would just say is that 2139 healthcare leaders need to be given the tools now to help 2140 focus on the impact of the work on the workforce not only 2141 looking at patient care. Thank you. 2142 \*Mrs. Dingell. Thank you. I have more questions for 2143 the record for you and I have a letter for the record I 2144 would like to insert as well from FIGS, Mr. Chairman. 2145 \*Mr. Bucshon. Without objection. [The information follows:] 2146 2147 2148 2149

2150 \*Mrs. Dingell. Thank you. As co-chair, in my last whatever seconds, of the Emergency Medical Service, or EMS, 2151 2152 Caucus, I care deeply about the EMS workers. They are often 2153 the first to arrive at the scene of an emergency. They have 2154 to quickly evaluate and determine the best course of action. 2155 That is why I have introduced the SIREN Reauthorization Act 2156 alongside Rep. Joyce. Housed within the Substance Abuse and 2157 Mental Health Services Administration, SIREN grants grant 2158 support in public nonprofit rural EMS agencies in their 2159 efforts to train and recruit staff.

I am going to ask Mr. Strozyk one question and do more for the record. Do rural communities have the resources to sufficiently recruit and retrain (sic) EMS personnel?

\*Mr. Strozyk. They are doing their best but, no, there is a shortage across the country both in terms of staffing, resources, new/latest equipment, and ability to deal with the closure of hospitals across America.

\*Mrs. Dingell. Thank you. Mr. Chairman, I got several other bills I wanted to speak on and I got more questions I am going to submit for the record, but I look forward to working alongside my colleagues to reauthorize many of these

2171 important public health programs without delay. Thank you, 2172 and I yield back. 2173 \*Mr. Bucshon. The gentlelady yields back. I recognize 2174 Mr. Bilirakis, five minutes. 2175 \*Mr. Bilirakis. Thank you, Mr. Chairman, I appreciate 2176 it, and this is really a great hearing. Thanks for holding 2177 it. So again, H.R. 7189, the Congenital Heart Futures 2178 2179 Reauthorization Act of 2024, I have the one of the cosponsors, the lead cosponsor, and I want to thank my 2180 2181 colleagues again for co-leading, Soto, Carter, Schiff, 2182 Salazar, and Cardenas. This critical legislation will ensure the continued investments needed at HHS to understand 2183 2184 and assess the lifelong needs of congenital heart disease, 2185 or CHD. 2186 Since this program was originally created, we have seen 2187 the needs of patients living with CHD evolving over the

2188 years. In the past you have heard me talk about Nicholas 2189 Basken, who was born with congenital heart disease and 2190 required heart surgery at just two days old. Well, I am 2191 glad to report that Nicholas graduated from high school last

2192 spring and is pursuing music writing. His decision to stay 2193 in the Chicago area for college was certainly affected by 2194 his access to adult congenital heart care.

2195 Other more rural areas, unfortunately, do not enjoy the same access to adult CHD care, and this transition from 2196 2197 pediatric to adult care for CHD patients is a critical 2198 period that requires specialized coordination of care, 2199 especially that there are now more adults than children 2200 living with congenital heart disease because of your great 2201 work. And this isn't just in the rural areas where we have 2202 a lack of adult congenital heart physicians, even in my 2203 area, the Tampa Bay area, which is not considered rural.

2204 So, Dr. Tomaselli, I want to thank the American Heart 2205 Association again for their support of H.R. 7189. Do you 2206 have any suggestions for how we can expand and strengthen 2207 the congenital heart program to focus on the unique lifelong 2208 needs for adult congenital heart patients through workforce development training measures, particularly when we know 2209 2210 there is a shortage of cardiac cardiology care nationwide? 2211 Now I know you addressed this, but I want to give you an 2212 opportunity to expand upon that, sir.

\*Dr. Tomaselli. Representative Bilirakis, thank you very much for the support of this bill. The American Heart Association appreciates working \_ your work on this. And as I \_ as you recognized, the workforce shortage is not unique to this particular problem in cardiology, more in medicine more generally.

And I think, you know, there one of the goals of some 2219 2220 of these bills is to provide education about some of these conditions, and we find that actually getting into schools 2221 2222 and engaging people early on what needs to be done, for 2223 example, in a cardiac emergency or what are the components 2224 of these bills, allows us to draw in younger people who 2225 might be interested but don't know it yet, that they might 2226 be interested in a career in medicine or biomedical 2227 research.

So this legislation not only provides care, education, and training to those providing care, but an opportunity and a stepping stone for others who might want to be engaged to get engaged. I also think it is really important to recognize that regardless of the medical problem, team care is essential in making sure that we not only recruit

2234 physicians but we recruit other allied healthcare providers 2235 who provide an important component of care, particularly at 2236 the transitions, and oftentimes are the ones who are 2237 following patients through that transition from childhood to 2238 adulthood.

2239 And one other thing that I think is essential is that 2240 really taking advantage of the fact that we can now 2241 meaningfully do some things in telemedicine and actually 2242 allow primary care providers or non-specialized providers 2243 who are out in the community to communicate with the 2244 specialists who might not be available immediately but would 2245 be available to provide consultation and help with 2246 management of patients. So I think this fully expands the 2247 whole not only degree bearing providers for healthcare but 2248 also expands the regions in which this care can be provided. 2249 So I think all of these things, and they are all

2250 components of the two bills under consideration. And by the 2251 way, the AED Access as well.

2252 \*Mr. Bilirakis. Thank you very much.

2253 Dr. Pike, I am thankful you are here. I have been such 2254 a strong advocate for Alzheimer's patients, something that

2255 is clear and really dear to my heart. My mom is suffering 2256 from Alzheimer's Disease now, and a caretaker, as it has been said, it is a really what a burden on caretakers. 2257 2258 I was proud to recently cosponsor Representative Tonko's NAPA Reauthorization Act, which extends the National 2259 2260 Alzheimer's Project Act. And in fact we molded we modeled President actually Representative Tonko and I modeled our 2261 2262 legislation, the National Parkinson's Plan, after the 2263 Alzheimer's Plan due to its accomplishments.

2264 Can you provide specific examples of these successes, 2265 how the National Alzheimer's Project has helped advance 2266 Alzheimer's research and care and why this model has worked 2267 at the federal level? So I know you don't have a lot of 2268 time, but this is really important.

\*Dr. Pike. It is important, and thank you for asking the question. I will try to keep it brief. You know, the NAPA Reauthorization is incredibly timely right now as we look at the progress that we are making in this disease. We have treatments for the first time. We have diagnostics that are going through the pipeline, and part of that is because of the seven-fold increase that we have seen in

research funding coming out of NIH over the last 10 years. Being able to coordinate across federal committees, federal departments and agencies is incredibly important to continuing that progress with the NAPA Reauthorization and take what we have learned from the last decade of science, including on risk reduction, and fold those new pieces of information and new agencies into the act. Thank you.

\*Mr. Bilirakis. Thank you very much. I guess I ran out of time and went over. I apologize, Mr. Chairman. I yield back the balance whatever

\*Mr. Bucshon. I will take it off your time for the next hearing. No, I am just kidding. That is a joke. I won't do that.

2289 The gentleman yields back. I recognize Dr. Ruiz, five 2290 minutes.

\*Mr. Ruiz. Thank you. Thank you, Mr. Chairman. As an emergency medicine physician serving in a rural and underserved area, I can attest to the urgent need for programs that support emergency medical services, and as an alumni of the great University of Pittsburgh affiliated residency in emergency medicine where we basically do the

2297 pre-hospital care research, I have a deep appreciation of 2298 pre-hospital care.

2299 In the emergency room I have seen how the emergency 2300 care that patients receive on the way to the hospital can make a significant difference in patient outcomes, and in 2301 2302 some cases could be the difference between life and death or even life with permanent disabilities. Providing emergency 2303 2304 services for patients in rural areas is challenging due to 2305 factors like physical distance, workforce shortages, and 2306 reimbursements that do not cover the costs of care.

2307 More work needs to be done to improve patient access so we can ensure people are getting the emergency care they 2308 need when they need it, and part of that objective includes 2309 2310 addressing workforce shortages and building up a robust and skilled healthcare workforce. That is why programs that 2311 2312 help recruit and retain paramedics and emergency medical 2313 technicians, EMTs, as well as ensure emergency responders are equipped and trained to treat all individuals are vital. 2314 2315 And it is crucial that when necessary we reauthorize these very programs. 2316

Look, I spent the Super Bowl Sunday watching the Super 2317

2318 Bowl at the CAL FIRE, Riverside County Fire Indio Station 80 with the folks from Station 80 and Station 87 to show them 2319 2320 my appreciation, and we are made from the same cloth. Thev 2321 are incredible individuals who put their life on the line to help others and to save lives. And while I was there, they 2322 2323 were called out to the field, and so Station 87 took it because the captain of Station 80 was a big 49er fan and he 2324 2325 gave him a break. So you know how it goes.

2326 One of those programs up for reauthorization in H.R. 2327 6960 is the Emergency Medical Services for Children's 2328 Program. This program helps ensure children receive 2329 appropriate healthcare during a medical emergency. Another 2330 program being considered for reauthorization today is in 2331 H.R. 4646, the Rural Emergency Medical Services Training This program focuses on recruiting and training 2332 Program. 2333 EMS personnel with a focus on addressing mental health and 2334 substance abuse disorders.

According to the National Rural Health Association, four out of five counties, four out of five have at least one ambulance desert. In fact, in certain parts of my congressional district, the average EMS response time is one

hour. One hour, Dr. Bucshon. A person with a stroke, a 2339 2340 heart attack. One hour or more. This puts patients' lives at risk. We must do better to ensure patient access. 2341 2342 So, Mr. Strozyk, EMS plays an incredibly important part 2343 in helping patients' access to care and connecting patients 2344 to different care locations like local hospitals and tertiary care. How can EMS be better utilized to reduce 2345 2346 delays in care?

2347 \*Mr. Strozyk. Well, thank you, Doctor. I think your 2348 response in your testimony or reading of this is totally 2349 correct. I think here is an imperative point, and I just 2350 used minor one extreme example and it relates to the 2351 cardiac issues we have been talking about. Early detection 2352 of an infarction, transmission of that information to a 2353 tertiary facility and the rapid transfer of that patient 2354 from home either to an initial hospital or later to the 2355 tertiary hospital where they can receive cardiac catheterization, open heart procedures, whatever has a net 2356 2357 savings to America not only in terms of that person's life 2358 but in terms of the downstream care.

2359 30 years ago it would not be thought of that a

2360 paramedic from the scene would be sending precognizing an 2361 infarction and getting the patient quickly from the point in 2362 time of onset of pain to needle time. 2363 \*Mr. Ruiz. Yeah. 2364 \*Mr. Strozyk. Today we have that in record levels. 2365 \*Mr. Ruiz. Yeah. \*Mr. Strozyk. Equally in turn is if we can find means 2366 2367 through programs there whereby the EMS provider goes to the scene, does an evaluation of a patient but doesn't 2368 2369 necessarily have to transport that patient to the most 2370 expensive level of care, an emergency room, and can refer 2371 that patient either to a freestanding clinic, take that 2372 person to a freestanding clinic and/or provide them additional access 2373 2374 \*Mr. Ruiz. Yeah. 2375 \*Mr. Strozyk. and resources to mental health. \*Mr. Ruiz. Let me in my 10 seconds left 2376 2377 \*Mr. Strozyk. Yes. 2378 \*Mr. Ruiz. you know, I have been talking to a lot of the paramedics, and EMT, and fire folks back in my district 2379 2380 and, you know, they are incentivized to take the patient to

2381 the hospital, even when they don't have to, because the only 2382 time they can get paid is by delivering patients to a 2383 hospital. Now you know that there is patients who get 2384 called for mental status changes, and the paramedics go there, they realize they are diabetic, they didn't eat, they 2385 2386 are hypoglycemic, they give them their D50 or they give them some snacks, they get better, they are fully awake, alert, 2387 2388 they are like, oh, it is done, they can stay home.

They provide lifesaving care at the home and they don't get reimbursed for that. That has to change and we have to change it in this committee. They deserve better. Thank you.

2393 \*Mr. Bucshon. Thank you. Agreed. The gentleman 2394 yields back. I now recognize myself for five minutes. I was a cardiovascular and thoracic surgeon prior to 2395 2396 being in Congress. I personally operated on two patients in 2397 my career who survived out of hospital cardiac arrest due to AEDs, and in my practice we did all the screening echoes for 2398 2399 the college athletes at University of Evansville looking for 2400 undiagnosed cardiomyopathy.

2401 Dr. Tomaselli, I appreciate your testimony and

expertise in cardiovascular related issues and support for the HEARTS Act and the Congenital Heart Futures Reauthorization Act. In your testimony you also discussed the bipartisan Access to AEDs Act which seeks to increase access to AEDs at K-12 schools and provide cardiac arrest plan training. Would you quickly remind us how an AED is used during a sudden cardiac arrest?

2409 \*Dr. Tomaselli. Thank you, Chairman Dr. Bucshon. We 2410 speak at the American Heart Association of a chain of survival, and that chain of survival includes five links. 2411 2412 The first two links are activating EMS, providing CPR, and 2413 the third link is the AED, which is nothing more than a 2414 computer that is hooked to a battery that has a couple of patches that can do two things: record the cardiac rhythm 2415 2416 and deliver a shock.

2417 So we \_ these devices do an exceptional job at rhythm 2418 interpretation and they are now designed in such a way that 2419 there are voice prompts and they are very easy to use.

2420 Training makes it even easier because people feel

2421 comfortable with these devices. What they do is they detect 2422 an irregular and fast heart rhythm and will deliver a shock

2423 to correct it. Some of these devices also can detect a very 2424 slow heart rhythm and deliver a lower energy shock to pace 2425 the heart, to increase the heart rate. 2426 So again, it is important that this be included in a 2427 total program of cardiac emergency response plan. 2428 \*Mr. Bucshon. Yeah. \*Dr. Tomaselli. But this is a critical piece of it. 2429 2430 \*Mr. Bucshon. Agreed. I really want to I want to 2431 lean on in on the training aspect of the bill and make it clear in my view that, you know, lay people with no medical 2432 2433 training can use these devices if they can get over their 2434 initial fear of using them. I mean, you know, in medical 2435 school they always said when you respond to a code in the 2436 hospital, first thing you do is take your own pulse. And 2437 they say that because, you know, trained people can control their emotion help control their emotions and can respond 2438 2439 properly, and that includes lay people.

So I recently was at an airport, believe or not, there was a witnessed arrest in a bathroom, and when I \_ my daughter kind of came out of the women's bathroom and said something is going on in the men's bathroom. I went in

2444 there and there was a airport security officer there 2445 standing there not providing CPR and had not asked for an 2446 AED, and I had to I did CPR and then asked him for an AED. I think it was out of fear and not proper training. 2447 2448 So many public spaces already have these, and some 2449 states even require schools to have AEDs, although the laws aren't necessarily funded. In addition to access to the 2450 2451 device itself, why is it important to have a sudden cardiac 2452 arrest plan immediately set in motion to save lives? \*Dr. Tomaselli. I think this is an a fundamentally 2453 2454 essentially important here. If you have an AED but nobody 2455 knows where it is and nobody is willing to use it, it 2456 becomes an expensive piece of wall art that doesn't help 2457 anybody. So having a cardiac emergency response plan does a 2458 couple of things. It actually provides the therapeutic 2459 treatment strategy for people and provides training so that 2460 they feel comfortable doing things and not causing harm. It also allows for the entire team, and there is a team 2461 2462 of individuals who are responsible for this, to drill and to 2463 train, like you would have a fire drill, so that when the 2464 event happens, you know what to do and you know how to do

it. So I think these are important. And I think the two bills, the HEARTS Bill and the Congenital Heart Disease Bill, as well as the AED Bill, all provide educational training for a number of these things and I think are synergistic.

In terms of what the Federal Government can do, I know that a number of states are working on passing legislation for CERP plans in schools. Some have mandates and \_ but some are contingent upon other forms of funding

2474 \*Mr. Bucshon. Right.

\*Dr. Tomaselli. \_ either from the Federal Government, from grants, from donations. I think having the Federal Government step up in the access to AEDs Act and these other two bills will be \_ could I think help the states move this to \_ move these initiatives forward, so thank you for your support of these.

2481 \*Mr. Bucshon. Thank you. Thank you very much. I2482 would totally agree with that.

Dr. Annunziata, thank you for being here and for your partnership in fighting against cancer. Although part \_ not part of today's hearing, I also want to highlight

2486 legislation that I have with Congressman Yvette Clarke, the 2487 PSA Screening for HIM Act, previously with Bobby Rush, one 2488 of our former committee members, legislation to eliminate 2489 the copay for at risk men to receive prostate cancer 2490 screening, and this has been in the news recently with one 2491 of our cabinet secretaries, as everyone knows.

We know that screening cancer can save lives. Do you think not having a copay and taking down financial barriers to screening, for example, for prostate cancer with a PSA for HIM Act could make a difference?

\*Dr. Annunziata. Yes, absolutely. I mean, I think the 2496 2497 American Cancer Society Cancer Action Network supports the 2498 PSA for HIM Act. There is many potential benefits of this. 2499 As we know, prostate cancer survival rates increase when the 2500 disease survival rates increase when the disease is 2501 detected early, so it is really essential to remove all 2502 barriers to getting this prostate cancer screening test. 2503 The screening can help detect prostate cancer at an

2504 early stage, often before signs are even present, before the 2505 disease becomes more advanced.

2506 \*Mr. Bucshon. Yeah, my

2507 \*Dr. Annunziata. And as I talked about in my previous 2508 comments, this is really essential to improving the survival 2509 of 2510 \*Mr. Bucshon. Thank you. My time is expired, but I 2511 couldn't agree more. 2512 \*Dr. Annunziata. Sorry. Thank you. \*Mr. Bucshon. Thank you very much for those comments. 2513 2514 I now recognize Ms. Kuster for five minutes. 2515 \*Ms. Kuster. Great. Thank you, Chairman Guthrie, I 2516 appreciate it. Thank you to our panel. 2517 I am pleased to see this committee is dedicating time to reauthorizing these critical health programs, and the 2518 2519 list is impressive, supporting premature infants to funding 2520 stillbirth research and prevention, and committing federal resources to fight Alzheimer's Disease. This committee once 2521 2522 again is working to improve the healthcare system for 2523 Americans all across our country. 2524 In my experience caring for my mother, she lived with 2525 Alzheimer's Disease, I have seen firsthand how hard the

2527 families and caregivers. I am proud to cosponsor two bills

2526

challenges of aging and caring for older adults can be on

that will build on the progress that we have made in Alzheimer's research and treatment over the last decade, the Alzheimer's Accountability and Investment Act and the NAPA Reauthorization Act.

As we invest in new treatments and therapies, it is more important than ever that we continue funding to detect the disease early and that we do everything we can to improve healthcare outcomes. So, Dr. Pike, could you share some of the breakthrough research and technologies that federal investment has made possible over the years?

2538 \*Dr. Pike. Thank you for the question, and I think 2539 this is an incredibly important one. As I have mentioned 2540 before, the Alzheimer's Accountability and Investment Act 2541 really takes what we are hearing from scientists at NIH and 2542 applying what they believe they need in order to make 2543 advances against the NAPA Act, asking them how much 2544 investment they need for the professional judgment budget in 2545 order to make progress against what we are seeing.

As a result of this, we have seen a seven-fold increase in research funding over the last decade and we anticipate that that need is going to grow as we continue to see

2549 advances and the knowledge that we are learning out of the, 2550 this research.

2551 One of the biggest things I would comment on from the 2552 standpoint of what we are seeing and what has been invested 2553 so far is on diagnostics and the important of diagnostics 2554 within the process of identifying, identifying early, and being able to move people into either care pathways, quality 2555 2556 care, or now that we have treatments that treat the 2557 underlying biology of the disease, the importance of being able to identify those individuals early. NIH funding, NIA 2558 2559 funding has led to some of those breakthroughs with blood 2560 diagnostics in particular, efficient and effective ways to diagnose Alzheimer's into the future. 2561

But the other side of that is it also identifies individuals who may not be eligible for treatment. It gives us more information about those dementias and gives us the ability to provide better research on ways to create pathways for treatments for those other dementias while also getting individuals into treatment and improving the treatments for those with Alzheimer's.

2569 \*Ms. Kuster. Very helpful. In your testimony you

2570 mentioned the need to an updated national strategy to fight Alzheimer's Disease. Could you briefly discuss some of the 2571 changes to the advisory council that the NAPA 2572 2573 Reauthorization Act would make? 2574 \*Dr. Pike. I would highlight two specific areas, and 2575 one the first one I would highlight is because of the 2576 increased knowledge that we are seeing around risk 2577 reduction, the ability to add a sixth goal to the National Alzheimer's Project Act on looking at risk reduction and 2578 ways to reduce risk for Alzheimer's and other dementia. 2579 2580 That is number one.

2581 Number two is that it takes the knowledge that we have 2582 seen over the last decade and includes more agencies from 2583 the Federal Government, for instance like Social Security 2584 Administration, FEMA, within the National Alz \_ within the 2585 NAPA advisory committee in order to help coordinate the 2586 outreach and the work that we do.

\*Ms. Kuster. Great, thank you. Investing in advanced diagnostics and innovative treatments is deeply personal to me and many of my \_ the families of my constituents across my district. I urge my colleagues to support reauthorizing

these important programs to fund continued research and improve early screening, prevention, and treatment now that it is available while we work to find a cure for Alzheimer's.

And with the remainder of my time, very briefly I will turn to rural health. Question for Mr. Strozyk. How are SIREN grants helping rural communities in New Hampshire and across the country.

Mr. Strozyk. Well, New Hampshire is an ideal state to look at between your urban and your rural areas. It is \_ real quickly, it is training, it is education, it is recruiting new community members to be part of their EMS system. It is the purchase of AEDs and advanced cardiac monitoring equipment. It is advanced levels of care, be it air advanced airway management for cardiac patients.

But it is also working to develop new programs to \_ as to Dr. Ruiz's point, where we can now not take the patient to the most expensive means, that we can find means of taking them home and taking care of them. So New Hampshire has been very strong for that, and I will just \_ one quick shoutout to your folks. New Hampshire has one of the finest

2612 programs for recognition and treatment of opioid overdoses 2613 by law enforcement, EMS, and community healthcare workers, 2614 so thank you. 2615 \*Ms. Kuster. Thank you. Thank you very much, and I 2616 will yield back. 2617 \*Mr. Guthrie. [Presiding.] Thank you. The gentlelady

2618 yields back, and the chair will recognize Dr. Dunn for five 2619 minutes for questions.

2620 \*Mr. Dunn. Thank you very much, Mr. Chairman. We have 2621 a lot of commonsense proposals before us today that 2622 represent our federal investment and commitment into the 2623 wellbeing of our Nation. It is important when we 2624 reauthorize these programs that we evaluate the changing 2625 healthcare needs of our population. The SARS-CoV-2 pandemic 2626 certainly identified some weak spots in our public health 2627 infrastructure as well as left us with new challenges, for 2628 instance, relating to mental health. Many public health needs persisted, such as the need for early and accurate 2629 2630 cancer screening, an initiative that is near and dear to my heart from my many years of medical practice. 2631

2632 What has changed remarkably is the technology that is

2633 now available to providers to detect cancer earlier, and in 2634 spit of this, I have to say we are still seeing the 2635 Preventive Services Task Force dragging their feet to 2636 recognize the improvements in early diagnosis and thus they 2637 end up obstructing access to early diagnosis.

2638 Dr. Annunziata, thank you for appearing with us today on behalf of the American Cancer Society and also on behalf 2639 2640 of patients and doctors everywhere. Would you agree that 2641 there are in fact vast benefits to patients and to the 2642 healthcare system in terms of quality of life and total cost 2643 of the system when cancer is detected in its early stages? \*Dr. Annunziata. Absolutely. It is better to detect 2644 2645 as I mentioned earlier, it is better to detect cancer early, 2646 even when it is a pre-cancerous lesion, and this vastly 2647 improves lives, yes.

\*Mr. Dunn. So I think \_ I mean, so that is both \_ the patients obviously benefit, but the costs to the system go down. And I think there is another benefit that we talk about less frequently, which is the benefit to all of society in preserving human capital. You know, in my opinion, we still fail to put enough emphasis on early and

2654 accurate diagnosis of many potentially lethal diseases. I know the American Cancer Society is prioritizing 2655 2656 passage of H.R. 2407, a bill I cosponsor and led by 2657 Representatives Hudson, Ruiz, Arrington, and Sewell, and this bill will ensure that Medicare beneficiaries can 2658 2659 benefit from multi-cancer early detection blood test 2660 screenings. Can you briefly tell the committee why this 2661 bill is so important?

2662 \*Dr. Annunziata. Yes. So the Multi-Cancer Early 2663 Detection Act, it will support Medicare paying for any multi-cancer detection test. Multi-cancer detection tests 2664 2665 are moving forward and are currently available in the 2666 network, but there are barriers to paying for that. So we 2667 support the American Cancer Society Cancer Action Network 2668 supports removing that barrier to payment for this test. 2669 \*Mr. Dunn. I do, too. Thank you very much. 2670

2670 Mr. Corey Feist, I appreciate your insights, I commend 2671 your advocacy related to physician burnout. That is another 2672 issue that is personal to me and that each of us here I 2673 think care deeply about. You know, the \_ our physicians, 2674 doctors and their staffs, are \_ you know, clearly they are

dedicated to their patients, they remain steadfast to the oaths that they have taken, but this faithful commitment to their patients can take a hard toll. The quotes you shared in your testimony are a testimony to that fact.

2679 The SARS-CoV-2 pandemic exacerbated the plight of the 2680 burnt-out healthcare workers, which is too often revealed in heartbreaking stories like that of your dear sister-in-law, 2681 2682 Loran Breen. You mentioned that 44 organizations have been 2683 able to take advantage of the Lorna Breen Act funds since 2684 its implementation, although there is more work to be done. 2685 I am supportive of the reauthorization of this program, H.R. 2686 7153, which would do so.

2687 Would you please briefly share some of the creative 2688 programs that you have seen that stand out utilizing the 2689 Lorna Breen grant money?

\*Mr. Feist. Thank you so much for your support of our bill and healthcare workers such as yourself. It has been amazing to see the work in a relatively short period of time. If you think about the healthcare industry didn't just get here overnight, it \_ as you say, healthcare workers \_ there were about 40 percent of healthcare workers in this

2696 country were burnt out going into the pandemic, and so it 2697 was an exacerbation.

2698 What we have seen from the grant recipients is we have 2699 seen different kind of categories of programs. So those that were providing individual support to health workers are 2700 2701 improving mental health services, they are providing stress and trauma support, and they are incorporating wellness 2702 2703 training into the just basic framework of the day to day in 2704 life. And as you know as a physician, most of the healthcare delivery focus in this country is on the patient 2705 2706 and it foregoes the impact of the work on the workforce. 2707 And so these individual support programs have been critical 2708 to holding pressure on this bleeding wound of burnout to 2709 provide these workers these essential services.

2710 On the other side of the equation, that \_ you look at 2711 the root cause of why the burnout is caused in the first 2712 place. Many of these programs have gone to training 2713 leadership. As we have discussed already, many leaders are 2714 often focused so heavily on the patient care that they are 2715 not even sure what they have the ability to do in their own 2716 sphere of influence and control to impact the environment

2717 that drives burnout in the first place, so leadership and training has been key to these programs. 2718 2719 Enhancing health worker solutions around reducing their 2720 workload, their administrative burden. As we know, that administrative burden continues to tick up and every 2721 2722 percentage that it ticks up decreases the amount of clinical care that can be provided. So that has been huge. And then 2723 2724 there have been an ongoing ongoing efforts to really try to measure burnout and wellbeing. As you know, boards of 2725 directors often look very closely at these key performance 2726 2727 indicates \*Mr. Dunn. I think we are dangerously over time here. 2728 2729 \*Mr. Guthrie. Thanks, we are going to yeah, the 2730 gentleman 2731 \*Mr. Dunn. I don't want to 2732 \*Mr. Feist. Sorry about that. 2733 \*Mr. Guthrie. I didn't want to stop you, but the 2734 gentleman 2735 \*Mr. Dunn. Thank you very much for your work. \*Mr. Feist. Yeah, sure, thank you. 2736 2737 \*Mr. Dunn. I yield back.

2738 \*Mr. Guthrie. I will recognize Ms. Kelly. She is now 2739 recognized for five minutes for questions.

\*Ms. Kelly. Thank you for holding today's important hearing. Unfortunately, stillbirths affect one in 170 pregnancies, with over 20,000 babies born still every year in the U.S. Nevertheless, what is more disheartening is that studies show that nearly a fourth of these stillbirths are preventable and the majority occur in what would otherwise be considered low-risk pregnancies.

2747 Furthermore, certain groups, such as black women, 2748 Medicaid recipients, and those living in rural areas share a 2749 disproportionate burden of these lives lost those lives lost, highlighting the urgent need for targeted 2750 2751 interventions and equitable access to care. We have seen other industrialized nations such as UK and Australia invest 2752 2753 in focused stillbirth education and prevention efforts would 2754 significantly decrease their rates in just a few years. Dr. Pike, I know you have been talking a lot about 2755

Alzheimer's, but I am going to go to your public health background. I am proud to co-lead the SHINE for Autumn Act with my colleagues, Reps. Kim, Castor, and Joyce. This bill

2759 provides funding to bolster data collection, increase 2760 perinatal pathology training, and disseminate educational 2761 materials concerning stillbirths. This legislation is 2762 crucial in addressing the gaps in research.

2763 From your public health background, do you have 2764 thoughts as to why there are gaps in public health 2765 surveillance data, such as stillbirth research, for example, 2766 and how improving the research and data collection can help 2767 us more aggressively decrease mortality in this country? \*Dr. Pike. Thank you, Representative Kelly, and I am 2768 2769 happy to offer my best response as a public health 2770 professional, but want to acknowledge that stillbirth 2771 prevention efforts are not my immediate expertise. So thank 2772 you for acknowledging that.

With that said, we know that two public health building blocks are data and training, and being able to collect data, share data, improve educational materials, increase investment in research fellowships have generated positive advancements across public health, including what we have seen in Alzheimer's, the community. That is likely true within the work that you are doing on this act as well.

2780 Thank you.

\*Ms. Kelly. Thank you. And, Mr. Strozyk, I have heard 2781 from the ground ambulance service providers in my district 2782 2783 that they are struggling financially due in large part to 2784 Medicaid payments that are significantly less, even with the 2785 add-on payments, than their cost of providing vital medical services. Since reform of the ambulance fee schedule is 2786 2787 likely still several years away, what happens if Congress 2788 fails to extend the add-on payments at the end of this year, and what more can we do to ensure that ground ambulance 2789 2790 service providers remain solvent until we reform the payment system? And I even know finding ambulance drivers are is 2791 2792 tough, too.

\*Mr. Strozyk. Thank you, Congresswoman. I can't imagine that if we cannot have the extenders passed what the impact will be to a system that is already fragile and having difficulties. Medicare for many, many years has not met the direct cost and provision of service. This will simply just place it as a more difficult position.

2799 Every month, every week we hear providers,

2800 public/private, who may be that are struggling to survive,

2801 and in some cases have had to reduce or in service. We are asking this committee and members of Congress in 2802 2803 before as an interim sort of placement that we need not 2804 only the extenders passed but an additional fee or funding associated with that as an interim fix, for lack of a better 2805 2806 term, until such time as CMS completes the cost study and comes forward with a true recognition that Medicare doesn't 2807 2808 cover the cost of service. Systems are at risk across our 2809 country.

2810 \*Ms. Kelly. Thank you so much and thank you to all the 2811 witnesses.

2812 And with that, I yield back.

2813 \*Mr. Guthrie. The gentleman yields back \_ I apologize, 2814 we were discussing what was going on. Yields back, and the 2815 chair will now recognize Mr. Carter. Mr. Carter is

2816 recognized for five minutes.

2817 \*Mr. Carter. Thank you. I am down here in timeout so2818 you all focus down here. I appreciate it.

2819Thank you all for being here. This is a very important2820hearing. These are very important bills that we are

2821 considering. And, you know, many of these bills, if not all

of these bills, are bipartisan. And I think when you look at it, and I am a healthcare professional, a pharmacist, and, you know, we all want the same thing in healthcare in America. We want accessibility, affordability, and quality. All of us, whether you are a Republican, Democrat, or Independent, you want to accessibility, affordability, and quality. That is what we want.

2829 That is why I am glad that we are having this hearing 2830 today, particularly as it relates to children. And I have got a bill here, a bipartisan bill, the Emergency Medical 2831 2832 Services for Children Reauthorization Act. It is extremely 2833 important. All of us love our children. We want to make 2834 sure that we are taking care of them, and what this bill 2835 does is it reauthorizes grants that focus on addressing the 2836 unique needs of children, and we know that they have unique 2837 needs, particularly in emergency medical systems.

You know, for nearly four decades now the Emergency Medical Services for Children Program has been the only federal grant program that specifically focuses on addressing the needs of children in emergency medical systems. That is why it needs to be reauthorized.

2843 Mr. Strozyk, I wanted to ask you, can you explain the 2844 how the needs of pediatric patients are different from 2845 adults and why it is so important for local and community 2846 hospitals to be ready to meet the needs of children? \*Mr. Strozyk. I think, and Dr. Schrier can attest to 2847 2848 this, children are not little adults, and the level of training both at the EMS field, the first responders, be it 2849 2850 paramedic or EMTs, understanding the physiology, the level 2851 of care that a child needs as well as recognizing that children don't necessarily respond in the same way as an 2852 2853 adult was. I am not saying that we cry faster than a child 2854 if we skin our knee, but these things do occur. 2855 Equally true is when that child is taken to a community 2856 hospital, an initial level of care, it is that recognition and training that is incredibly important by those 2857 2858 physicians and nurses at that facility to recognize that 2859 that child may need tertiary level care. And in our state,

it is going to Children's Hospital Mary Bridge or wherever it may be. We have grown this level of care over the last few years, my last 40 years, from treating them as little adults to really recognizing many

2864 \*Mr. Carter. Right. \*Mr. Strozyk. of these efficacies, including mental 2865 illness, and enviro 2866 2867 \*Mr. Carter. Exactly, exactly. Thank you for that. \*Mr. Strozyk. and difficult environments. 2868 2869 \*Mr. Carter. Extremely important point and I 2870 appreciate you bringing that up. You know, I had the as a 2871 pharmacist, I dealt with nursing homes, geriatric patients, so I had the other end of spectrum. But you are absolutely 2872 right, with medications, they are not the same for children 2873 2874 as they are for adults or as they are for geriatrics, that 2875 is why this is so very important, particularly when we are 2876 talking about emergency situations. 2877 I want because I want to get this in very quickly, I 2878 am going to change and shift gears here and talk about 2879 another bill that we have got here and that is the I am 2880 cosponsoring the National Alzheimer's Project Reauthorization Act, and I believe that, Dr. Pike, you 2881 2882 discussed this in your testimony today. I am optimistic about this and about the FDA approved treatments to slow the 2883 2884 progression of this awful disease.

2885 As I mentioned, I worked in the geriatric world and I 2886 have seen this, I have seen it firsthand, experienced it in 2887 my family, as I think probably all of us have. You 2888 mentioned that Dr. Pike, you mentioned that the National 2889 Alzheimer's Project Act has led to much of this great 2890 progress that we have seen. Can you elaborate on how the 2891 national plan has laid the foundation for these and future 2892 scientific advances?

2893 \*Dr. Pike. Yes, and thank you for cosponsoring our reauthorization act on this. Before 2011, there was no 2894 2895 cohesive national plan to address Alzheimer's Disease in 2896 this country. Thanks to NAPA, the first ever national plan 2897 to address Alzheimer's Disease was released 12 years ago 2898 which focuses on the goals to promote rapid research on 2899 Alzheimer's Disease, certainly on other dementia as well, 2900 and improve the delivery of clinical care for services for 2901 individuals who are living with dementia and also their caregivers. It provides a roadmap of strategies with HHS 2902 2903 and its partner so that we can accelerate research.

2904 Within the last 10 years since we have been working 2905 within the advisory council and the NAPA Act, we have

2906 learned quite a bit as a result of this national investment.
2907 This reauthorization gives us the opportunity to take that
2908 knowledge and build on it, and make the updates to the NAPA
2909 Act along with that. So, for instance, including risk
2910 reduction. The infor \_ the science has \_ continues to
2911 evolve on that and we learn more.

\*Mr. Carter. Well, good. Thank you for that. 2912 And I 2913 might add, I have been back and forth between a budget 2914 committee hearing and this hearing, and the impact, the fiscal impact that Alzheimer's is going to have in the 2915 2916 future on our budget here, that is another thing we need to 2917 take into consideration. Not I mean, the physical 2918 effects, the effects it has emotionally on families, on the caregivers and everyone else, yes, but the impact 2919 2920 financially it is going to have on our budget, that is 2921 another thing we have to take into consideration, so thank 2922 you for your work in this.

2923 Thank you, Mr. Chairman, and I yield back.

2924 \*Mr. Guthrie. Thank you. Thank you for raising that.2925 They say a trillion dollars by 2050.

2926 The chair will now recognize Dr. Schrier for five

2927 minutes.

\*Ms. Schrier. Thank you, Chairman, Guthrie, I \_ and thank you to the witnesses today for speaking today on all of these really important public health reauthorizations. It was hard to figure out which one to talk about. I also want to thank our Chairwoman Rodgers who is \_ who has announced her retirement, and she has been a delight to work with, especially being from Washington State.

2935 The Emergency Medical Services for Children 2936 Reauthorization Act is near and dear to my heart. I am a 2937 pediatrician and have seen in clinic how quickly a child can become medically unstable. During training I worked in the 2938 2939 emergency department taking care of acutely ill or injured 2940 patients, and however scary it can be when a child is in dire straits, it is easier to manage these emergencies in 2941 2942 controlled settings, but first responders don't have that 2943 luxury.

They are the ones responding to the emergency in the field, and taking of a child in distress is nerve-racking, high stress, and high stakes, and EMS providers know that children are not just little adults and they aren't all the

2948 same size. Each one needs a different type of stethoscope, 2949 and oxygen monitor, breathing tube, blood pressure monitor, 2950 and each one requires a different dose of an emergency 2951 medication in a crisis, so there is no automatic reflex with 2952 a child.

2953 I would add to that that most of the people who are providing emergency medical services take care mostly of 2954 2955 adults and they don't get as much practice with children, 2956 and that is where we can help. So I am proud to co-lead this reauthorization with Representatives Carter, Castor, 2957 2958 and Joyce. This program supports research, training, grant 2959 funding, data collection that has resulted in better 2960 emergency care and a decline in pediatric injury related 2961 deaths by 40 percent since the program began in 1984. EMSC in Washington State has provided pediatric care 2962

equipment throughout the state including pediatric pulse oximeters and breathing tubes to EMS agencies who otherwise would not be able to keep this equipment in stock.

2966 Mr. Strozyk, it is great to have you.

2967 \*Mr. Strozyk. Thank you.

2968 \*Ms. Schrier. A Washingtonian here testifying before

2969 the committee. Before \_ for EMS providers who often have to 2970 act in the moment quickly in order to save a life, can you 2971 tell us how this program has helped them handle emergencies 2972 and what gaps the program fills?

\*Mr. Strozyk. Your district may be a great example of a tale of two worlds. You live \_ half of your district is in an incredibly urban place, Bellevue. You are within minutes of tertiary care. The other half of your world in Eastern Washington has vast areas where \_ communities there but there are not hospitals, there are not advanced levels of care.

2980 The training that exists and is ongoing today that 2981 these first responders in rural portions of Washington, across America is the difference. They are becoming 2982 2983 comfortable, they are becoming understanding, their ability to use advanced levels of as you said, airway management 2984 2985 and understanding that, recognition of diseases has been incredibly important as well as recognition of where the 2986 2987 patient should go in terms of be it immediate evacuation by 2988 air or whatever to a tertiary facility. This is 2989 \*Ms. Schrier. And that's right. We use airflight

2990 \*Mr. Strozyk. Yes.

Ms. Schrier. \_ in my district and they have to \_ you know, part of the reason that these kids survive, and this is why we have support from the Children's Hospital Association, which I would like to submit, is that this affects how children arrive to the emergency room and that has so much to do with their survival. So I want to thank you for your comments

2998 \*Mr. Strozyk. Thank you.

2999 \*Ms. Schrier. and for being here.

I also wanted to touch on pediatric  $\_$  on provider 3000 3001 mental health. I am so happy that we are once again taking 3002 up the important Lorna Breen piece of legislation because 3003 doctors are trained to put their own feelings aside, and 3004 work long hours, and not admit when they are having a mental 3005 health crisis, and that is the culture of medicine, so I am 3006 glad that we are doing all that we can to help save lives. 3007 I don't have much time left but, Mr. Feist, would you 3008 like to talk just a little bit about this in the last 30 3009 seconds remaining?

3010 \*Mr. Feist. Thank you for your support. Physicians,

3011 nurses, pharmacists, every healthcare worker in this country 3012 is experiencing a mental health crisis right now. CDC just 3013 published a report in October that identified that among any 3014 type of worker class, health workers have the worst mental 3015 health right now, so reauthorizing this bill now sends a 3016 signal and support that is much needed to address the 3017 operational, cultural, and other mental health challenges that our health healers have. 3018

3019 You know, Buddy Carter was just in here, he is one of 3020 the cosponsors, and he just said that it is critical, 3021 everyone wants accessibility, affordability, and quality in 3022 their care, but we can't have any of that unless we have a 3023 healthy workforce.

3024 \*Ms. Schrier. That is right. And it is contributing3025 to the physician burnout we are seeing today.

With that, I will conclude and yield back. Thank you. Mr. Guthrie. Thank you. Dr. Schrier yields back. And your action on the document we will take at the end. On the \_ if it is not on the documents list, we will consider it with that. I think there is a documents list, so thank you.

3032 The chair will now recognize Dr. Joyce for five minutes 3033 for questions.

3034 Thank you for yielding, Mr. Chairman, and \*Mr. Jovce. 3035 thank you for our panel to being present here today. As a doctor, I too am committed to ensuring the continued 3036 3037 effectiveness of federal resources that safequard both public health and public safety. When I first came to 3038 3039 Congress, I made it a priority to work on the healthcare 3040 issues that matter most to Pennsylvania, which is why I am pleased to see such an extensive list of bipartisan bills 3041 3042 before us for consideration today.

Recently, I was proud to assist in introducing H.R. 3043 3044 7251, which would reauthorize funding for poison control 3045 centers that play a critical role in providing expert guidance and assistance to individuals and families facing 3046 3047 emergencies related to accidental poisonings and toxic 3048 exposures. I would also like to thank lead Rep. Chavez-3049 DeRemer and co-leads Rep. Davis and Rep. Cherfilus-McCormick 3050 for their work on introducing this important legislation. 3051 I am proud to stand alongside my colleagues in support of the capacity of poison control centers to respond to 3052

3053 emergencies promptly and effectively, ultimately saving 3054 Poison control centers are staffed by highly lives. 3055 experienced staff with a wide range of knowledge on toxins 3056 contained in everything from household cleaners to snake bites and offer services to Americans in all of our 50 3057 3058 states. When seconds count, this wealth of knowledge can be 3059 called upon to deliver accurate information in an emergency. 3060 As a member of this Energy and Commerce Health 3061 Subcommittee, I am proud to be working on this issue. It is imperative that we prioritize the reauthorization of these 3062 3063 essential centers to ensure that they remain equipped to meet the needs of our communities. 3064 3065 Mr. Strozyk, can you briefly discuss how these 3066 organizations you represent with poison control are better equipped today than they ever were before? 3067 \*Mr. Strozyk. Well first, it is I would point out 3068 3069 thank you, Congressman, for your support. Poison control centers are kind of the silent provider if you think about 3070 3071 it. It is an incredible resource we don't think about until it is needed, be it physician level, be it EMS provider 3072

3073 level, be it a parent.

3074 Database is a critical function of this that they have 3075 developed as there are being ever increasing levels of exposure to both chemicals or, and unfortunately to this 3076 3077 day, over the counter medications that should be regulated, 3078 and/or street drugs. These systems allow citizens, EMS 3079 providers, and physicians, and caregivers to make an 3080 immediate contact to a resource that can provide information that is incredibly critical, it is timely, and provides 3081 3082 direction for treatment and follow-up care that is needed. It is a resource, an asset to our country that we many times 3083 3084 don't think about.

When you say that \_ and you and I are old enough to think of this. I think in the doc \_ Mr. Yuck sticker that would \_ parents would put on containers and have young children recognize if the green tag is on the container, don't touch it. It has made a huge impact.

3090 \*Mr. Joyce. Thank you. I am also very pleased to see 3091 this committee considering the Emergency Medical Services 3092 for Children Reauthorization Act, which is a vital piece of 3093 legislation aimed at children so that they receive the 3094 appropriate care during medical emergencies. My colleague,

3095 Dr. Schrier, just mentioned that children are not little 3096 I would like thank our lead sponsor, Rep. Carter, adults. 3097 and co-chair of the Children's Health Caucus, Rep. Castro 3098 and Dr. Schrier, for their bipartisan work on this bill. 3099 The EMSC has been a necessary tool for our pediatric 3100 health providers since it began in 1984 when I was an intern in Baltimore and has helped in decreasing the pediatric 3101 3102 injury-related death rate since its inception by a 3103 significant 40 percent.

Mr. Strozyk, EMSC state funding has been used for the purchase of specialized equipment and supplies to improve how children are cared for following a severe accident or during an illness. What other kind of specialized equipment and supplies are unique to children?

3109 \*Mr. Strozyk. Well, if you think about it, everything 3110 is smaller, be it airway management, be it cardiac 3111 monitoring, the applications to use the monitor, 3112 medications. There are therapeutics by which \_ called a 3113 Broselow tape. You may recall that from your days where we 3114 can put it down and make definitive decisions on dosages for 3115 patients. There are warming equipment that is needed for

3116 very, very young children, for neonates that need to be 3117 protected.

And then across this country we have developed some very high-level technology of moving newborn patients and young patients from primary care facilities to tertiary facilities that have changed their life and allowed high levels of recovery. Today we have units running around the country that have levels of technology that are miniature neonate units on the road. So all these things exist.

And first and foremost we are training our EMS providers to, as I said several times today and I will repeat it again, children are not little people \_ not little adults, that they are grown \_ that they have a special need. And as a paramedic from the old days, a child was scary. Today it is a critical part of the education program.

3131 \*Mr. Joyce. Mr. Strozyk, do you feel that innovation, 3132 particularly medical device innovation that you just talked 3133 about, allows for American children, American lives at risk 3134 to be saved?

3135 \*Mr. Strozyk. Absolutely. Without a doubt we have 3136 made an impact.

3137 \*Mr. Guthrie. Thanks.

3138 \*Mr. Joyce. Thank you. My time has expired, and I 3139 yield.

3140 \*Mr. Guthrie. Thanks. Dr. Joyce yields back. The 3141 chair recognizes Mr. Sarbanes for five minutes for 3142 questions.

3143 \*Mr. Sarbanes. Thank you very much, Mr. Chairman.
3144 Thank you all for being here today. Very powerful testimony
3145 on these important bills that we want to reauthorize that
3146 can strengthen critical, primary, preventive, and emergency
3147 healthcare programs.

3148 When I talk to the healthcare providers in my district, 3149 and by the way, before I came to Congress I spent almost 20 3150 years representing various healthcare providers, so it has been an ongoing communication channel there for some time. 3151 3152 Two of the most pressing issues that come up over and over 3153 again are healthcare workforce challenges, we have talked about it today, and the mental and behavioral healthcare 3154 3155 crisis. And obviously these issues are not existing in a vacuum, there is a lot of intersection between them. 3156 3157 In Maryland we have especially seen this in the

3158 pediatric mental health space where many children who have 3159 sought acute care have been forced to remain in emergency 3160 departments long after they are stabilized and ready to move 3161 to more intermediate care settings, and this is mainly due 3162 to the fact that there simply are not enough such settings 3163 for them to move to, in part because of the longstanding 3164 workforce shortages.

3165 Mr. Strozyk, what impact does this have on the quality 3166 of care for children and the efficiency of the emergency services system as a whole, if you could speak to that? 3167 3168 \*Mr. Strozyk. Well, without a doubt across our Nation 3169 with COVID we saw a significant impact to emergency 3170 facilities, ED departments across the country, therefore it was not uncommon to see 10 or more ambulances stacked upside 3171 3172 outside a hospital ED with patients onboard waiting to get 3173 admitted just to the ED, much less to have tertiary care 3174 moving to the floor.

3175 In the case of pediatric patients needing to go to 3176 higher levels of care, there are a limited number of beds, 3177 there are a limited number of facilities. In return as 3178 ambulances became backed up because they were EDs were

3179 filled up with patients and there were no bed space, that 3180 delayed the transfer in some cases of patients needing to go to tertiary care. I think, and I would be I think it 3181 3182 would be an [indiscernible] statement today, if a patient 3183 absolutely had to go, it was a life and death scenario, our 3184 healthcare system made it happen, but it did delay the 3185 delivery of transfer of patients under less acute 3186 situations.

And there \_ can't imagine anything worse for the parents or the child to having \_ spending additional hours in an emergency room when they really want their child to be at the long-term care, be it the bed in the hospital receiving care needed.

3192 \*Mr. Sarbanes. And a lot of these bottlenecks in the 3193 whole system are traceable back, at least in part, to the 3194 healthcare workforce shortages that we are seeing, because obviously if you can't if you can't resource different 3195 3196 things along the care spectrum, then you are going to have 3197 those problems. So the workforce shortages coupled with 3198 increased demand for healthcare services are further 3199 straining already overworked and understaffed emergency

3200 departments, that is leading to longer wait times for care 3201 for all patients and more burnout of our healthcare 3202 providers.

Right now in Maryland, despite concerted efforts to build pipelines and improve care that our governor, Governor More has undertaken and our state agencies, Maryland has some of the longest emergency room wait times in the Nation actually. Something that we have been focusing on for the last couple years like a laser.

3209 Mr. Feist, in your testimony you note the CDC's October 3210 2023 vital signs report found that 46 percent of healthcare 3211 workers experience frequent burnout and 44 percent intended 3212 to look for a new job within a year. Those are really jaw-3213 dropping statistics and they make clear that as we work hard to combat the broader mental healthcare crisis we are 3214 3215 facing, one in its own right among healthcare providers, and 3216 you have talked about it today. And we know, for example, why it is so important to reauthorize bills like the Dr. 3217 3218 Lorna Breen Healthcare Provider Protection Act.

3219 What I am curious about, just have a minute left, is 3220 burnout as a concept, it is just getting \_ it is getting a

3221 lot more focus, a lot more research behind it. Is there 3222 kind of an emerging field that maybe burnout isn't sort of a 3223 clinically defined condition yet? Maybe it is, I don't 3224 know. But what is the data and research delivering to us 3225 about this very specific topic of burnout and can it lead to 3226 even more kind of out of the box creative thinking about what the response should be for that particular situation? 3227 3228 \*Mr. Feist. Absolutely. And thank you for your 3229 support of our bill. What we need to remember is that burnout is not a mental health condition. Burnout is an 3230 3231 occupational syndrome. It is impacted by or it is driven 3232 by the work environment. So a lot of the key to addressing the root cause of burnout is to make the work environment a 3233 3234 better place.

There are cultural issues, there are leadership issues, but at the root cause of a lot of the burnout, in fact the number one driver of burnout year over year, pre-pandemic, during the pandemic, and post-pandemic is the increased administrative burden that is placed on clinicians that take them away from the bedside, that take them away from taking care of patients and all of us. So what is emerging is this

3242 is an operational redesign problem for the healthcare

3243 industry to take on so that the workforce does not feel \_

3244 does not burn out in the first place.

3245 \*Mr. Sarbanes. Thanks very much. I yield back.
3246 \*Mr. Guthrie. Thank you. The gentleman yields back.
3247 The chair recognizes Mrs. Harshbarger for five minutes.
3248 \*Mrs. Harshbarger. Thank you, Mr. Chairman. Thank you

3249 all for being here today.

I will start with Dr. Shih. Tennessee is home to one of the 16 autism and developmental disabilities monitoring network sites that are funded through the Autism CARES Act authorization. And as the other pharmacist in Congress, I have compounded many things for autistic patients over the years. My question is, can you speak to why the information derived from the network is so important both for

3257 Tennesseans and the rest of the country?

\*Dr. Shih. Thank you. Thank you, Representative, for the question and for your support of the bill. So the ADDM Network has been instrumental in terms of our \_ shifting our thinking about autism in the United States. As Dr. Pike had mentioned earlier, the two cornerstones of public health is

3263 data and training, and until ADDM Network came into being, 3264 we didn't have any data about autistic people in the United 3265 States.

3266 In the decade since, we have been able to collect data, longitudinal data as well as cross-sectional data about of 3267 3268 our population, our community in the United States, and it has told us where the needs are the greatest, where we are 3269 3270 seeing the greatest growth in terms of autistic population, where the gaps are in terms of services, and more 3271 3272 importantly, what are the trajectory that we can expect from 3273 these children.

3274 The other thing that ADDM data has really shown is to 3275 highlight disparity that exists within the community and between autistic people and neurotypical counterparts in 3276 terms of their experience in the healthcare system. 3277 And so 3278 we know that, for example, children of color tend to be 3279 diagnosed much later than their white counterparts. Even though that gap has closed and that ADDM data has really 3280 3281 shown us that, there is still obviously a lot more work to do, and we think that data the ADDM data will continue to 3282 3283 help us provide that monitoring ability to help us

3284 understand whether or not the policy and program solution 3285 that we are introducing are actually making a difference. 3286 \*Mrs. Harshbarger. Absolutely. You know, you talked 3287 about the co-occurring health conditions with these autistic 3288 patients and how they experience them at a higher rate, so I 3289 guess further research can help us with all that, so 3290 \*Dr. Shih. Absolutely, yes. 3291 \*Mrs. Harshbarger. Yes, sir. 3292 Mr. Strozyk, you mentioned in your testimony a recent 3293 Department of Veteran Affairs final rule that could 3294 jeopardize our veterans' access to ground ambulance services, and I guess my question is, can you please tell us 3295 3296 briefly what the VA payment system for ambulance services 3297 was before the VA issued the rule and basically what is the 3298 payment framework now that the Department is changing? And 3299 the reason I ask is I have a huge VA center in my district and they service probably well, close to 150,000 veterans, 3300 3301 SO

3302 \*Mr. Strozyk. Great. Thank you, Congresswoman, I 3303 appreciate the question. Today the payment system is the 3304 same, it has not changed. There was a plan to implement the

3305 payment rule which would change the reimbursement for ground 3306 ambulance services from the usual regulated customary rate 3307 in a community to the Medicare rate, and you can imagine the 3308 financial impact to systems around the country.

3309 The VA did \_ has delayed the rule until February 16, 3310 2025, a one-year delay on that. The challenge is is that 3311 the VA has not specified nor defined how they are going to 3312 come back to that and look at the impact of this change 3313 between now and then. Congressman Bost

3314 \*Mrs. Harshbarger. Yeah.

\*Mr. Strozyk. \_ and others have bills that would require the VA to do a study on the impact of this both in terms of ground EMS services and air EMS services. We are asking that those bills be passed so that while we appreciate the one-year delay, it doesn't take the problem away.

3321 \*Mrs. Harshbarger. No. I deal with this all the time.
3322 They push it down the road in my profession. You are asking
3323 for transparency maybe? Yeah, yeah.

3324 \*Mr. Strozyk. We are asking for a clearer study and 3325 review so that the impact is clearly understood.

3326 \*Mrs. Harshbarger. Gotcha. I understand completely. 3327 Dr. Annunziata, in your testimony you reference support for the Screens for Cancer Act which would reauthorize the 3328 3329 National Breast and Cervical Cancer Early Detection Program 3330 through 2028, and it will give greater flexibility to 3331 grantees to implement innovative evidence-based early detection screening interventions. You know, I have noticed 3332 3333 and read reports that there has been numerous reports on the 3334 concerning increasing cancer rates in young people and especially in cervical cancer diagnoses in women between the 3335 3336 ages of 30 and 44. Breast cancer as well in younger women. 3337 To me that is deeply troubling.

3338 My question is, you spoke of greater flexibility, so 3339 how can we improve detection screenings and health outcomes 3340 with this bill?

3341 \*Mr. Guthrie. I just want to say we have a scoreboard 3342 clock problem. The score on the field is \_ you got time \_ 3343 \*Mrs. Harshbarger. Yes, go ahead.

3344 \*Mr. Guthrie. \_ but just after you answer this

3345 question, I would like to answer a question, but \_

3346 \*Mrs. Harshbarger. Yeah, that is my last question.

3347 \*Mr. Guthrie. Thank you.

3348 \*Dr. Annunziata. Thank you for the question. So and I think the short answer is that there are still women in 3349 3350 the United States who are underinsured and are uninsured who 3351 don't have access to these potentially lifesaving screening 3352 services. These women women have lower breast and 3353 cervical cancer screening rates, people without access to 3354 the screening obviously have lower screening rates which 3355 means they are at greater risk of being diagnosed with later and more advanced stages of the disease. 3356

3357 So the American Cancer Society Cancer Action Network 3358 does advocate for this program because it is actually a gold 3359 standard for providing breast and cervical cancer screening, 3360 diagnostic tests, and treatment referral services to women 3361 with limited income and under and uninsured.

\*Mrs. Harshbarger. But even if you have some younger women with insurance, I mean, I had a pharmacist who worked with me was 35 when she was diagnosed with intraductal carcinoma, and it is \_ you know, it is the ages in a lot of cases, they are not covering those preventative measures like 3D imaging or whatever on breast to detect early breast

3368 cancer, so we need to work on that.

3369 \*Dr. Annunziata. Absolutely, we do need to work on 3370 that and that is why more research is needed. We have clear 3371 data for people over 50, over 45 to have their screening. 3372 We need more data as to who is at risk in the younger 3373 population.

3374 \*Mrs. Harshbarger. We absolutely do. Thank you.
3375 With that, I yield back, Mr. Chairman.

\*Mr. Guthrie. The gentlelady yields back. I apologize
for the clock. And the chair recognizes the gentlelady from
California, Ms. Barragan, for five minutes for questions.

\*Ms. Barragan. Thank you, Mr. Chairman, and I think this hearing is a great hearing and the topic, and I want to just commend all our witnesses for the work that you do. It is a \_ it is great to have so many areas of health represented here and discussing how we can help caregivers

3384 and patients.

I am no stranger to being a caregiver, as I am one for my mother who has Alzheimer's, and I often talk to my colleagues sometimes about me flying back for a day sometimes just because I have a caregiver issue at home and

3389 the response I sometimes get is how are you doing this and 3390 being a member of Congress. And we are just like everybody 3391 else and have these challenges, too, so it is so important 3392 that we look to see how we can support not just our patients 3393 but our caregivers and their families as well.

I know during COVID there was a long waitlist for federal \_ the Federal Government to help fund more in-home care under the WPCS Program, something that I didn't even know about. And so one of the things that I want to make sure we are doing is figuring out how can we make sure that patients and their caregivers know about the resources out there on something we have a lot of work to do.

3401 Dr. Pike, my questions are going to be directed at you. I want to thank you for your work in the Alzheimer's 3402 Association, for all you have done to advocate for our 3403 3404 community. I am encouraged by the progress made on 3405 groundbreaking innovation in diagnostic treatments and treatments for Alzheimer's. There are 53 million unpaid 3406 3407 family careqivers in the U.S. and they are more likely to be 3408 people of color and women. The importance of short-term 3409 relief or respite care for caregivers cannot be understated.

3410 As I mentioned, when I travel to D.C., it is often making sure that I have a caregiver or a backup plan. 3411 3412 Now the Lifespan Respite Care Program provides grants 3413 to make quality respite accessible to family caregivers, but 3414 in addition to federal funding for the Lifespan Respite Care 3415 Program, how else can Congress support unpaid family 3416 caregivers? 3417 \*Dr. Pike. Thank you, Congresswoman, for your strong 3418 and consistent leadership on this topic on behalf of our constituents, and I know it hits home personally for you. 3419 3420 \*Ms. Barragan. Thanks. 3421 \*Dr. Pike. I think one of the things that as we make decisions about the reauthorizations that we have in front 3422 of you, the BOLD Reauthorization that does have caregiving 3423 responsibility and deliverables within it, the Lifespan 3424 3425 Respite Plan and the grants that come along with it, we need 3426 to think about who those programs truly serve and how we get

3427 that to the community level.

We often need to think about and consider the barriers to the information about the respite program, the awareness that needs to be delivered around it, and the awareness that

3431 caregiving creates a need around the healthcare system as 3432 well. So there are many ways that Congress can continue to 3433 consider the needs around respite. Awareness and building 3434 awareness for those caregivers, the stigma that it holds, 3435 and building the tools, the grants and capability at the 3436 community level is incredibly important.

\*Ms. Barragan. Well, thank you. One of the other issues that has come up not just in \_ for me and others I have talked to, is the need to find culturally-competent caregivers for different communities. How can the NAPA Act or other legislative proposals increase the availability of quality, culturally-competent caregivers to support people with Alzheimer's or other illnesses?

\*Dr. Pike. I think of caregivers not only as the 3444 family caregivers but also our paid caregiving workforce as 3445 3446 well, and I think there is ways that we can build education 3447 and resources at the community level that build capability within both of those caregiving populations. The paid 3448 3449 caregiving population is unique in that we learned a lot 3450 during COVID on how to build capability and how to extend education beyond the typical walls of education and 3451

3452 training.

3453 In particular, telementoring is another way to think about building the caregiving infrastructure with our paid 3454 3455 caregivers, whether they are primary care or advanced practitioners long term. A great example of a telementoring 3456 3457 program that builds that capability is Project ECHO, and the 3458 work that we have seen within the primary care, the advanced 3459 practitioner space, but also within the dementia care 3460 community long term in building knowledge, awareness of the tools in the community, but also the education to create 3461 3462 more specialist level care within our primary care and 3463 advanced practitioners around the country.

\*Ms. Barragan. Great. Thank you. I yield back.
\*Mrs. Miller-Meeks. [Presiding.] The chair now
recognizes Representative Pence for five minutes.

3467 \*Mr. Pence. Thank you, Madam Chair, and thank you to 3468 the witnesses for being here today.

We are considering several bills today that would improve the health and wellbeing of patients and support caregivers, including legislation focused on Alzheimer's Disease. The BOLD Infrastructure for Alzheimer's Act

3473 championed by my good friend, Mr. Guthrie, would ensure HHS 3474 continues to have the resources and infrastructure needed to 3475 support the prevention, treatment, and care for patients 3476 with Alzheimer's.

3477 Alzheimer's Disease is a brain and cognitive disorder 3478 that robs people of the capacity to live their lives to their fullest. Symptoms are typically gradual, evolving to 3479 3480 a point where they interfere with an individual's ability to 3481 complete basic tasks and enjoy relationships with loved ones and members of the community. The NIH currently ranks 3482 3483 Alzheimer's as the seventh leading cause of death in the 3484 United States amongst older adults. In Indiana, there are 3485 110,000 people age 65 and older suffering from Alzheimer's 3486 and 2200 Hoosiers have tragically lost their lives to this terrible disease in 2021, according to the CDC. 3487

3488 Innovators in the Hoosier State, such as Eli Lilly and 3489 Roche Diagnostics are leading the charge to develop reliable 3490 testing and therapeutics. It is important we continue to 3491 support and invest in the programs and strategies necessary 3492 to ensure continued innovation in the fight against 3493 Alzheimer's.

Dr. Pike, this question is going to be for you. Now that we have FDA approved Alzheimer's therapeutics, I have urged the Biden administration to provide access to these critical drugs. While Medicare has traditionally covered all FDA approved drugs, CMS has now set up a registry portal that could create logistical challenges for patients and caregivers as well as providers in rural areas.

Can you explain what current regulatory policies serve as a barrier for patients to efficiently access these treatments such as the national coverage determination reconsideration, and how can we streamline and approve this access?

3506 \*Dr. Pike. Thank you, Congressman Pence, for the 3507 I think this is an incredibly important time question. period to talk about the advances that we are seeing in 3508 3509 Alzheimer's research, what is coming out of the pipeline, 3510 and ensuring that access gets to the patient level. As you mentioned, we are in a unique situation in that for the 3511 3512 first time we have FDA approved treatments, however CMS has 3513 limited access to those through a coverage with evidence 3514 development policy on those treatments.

3515 As this committee may be aware, the Alzheimer's 3516 Association actively requested CMS to change their position 3517 on this coverage with evidence development on this national 3518 coverage determination, and right now the requirement for 3519 patients is that they access treatments through a registry. 3520 We want to see that there are as few barriers to accessing 3521 treatment as possible. We have seen as part of these 3522 treatments being available in community that any barrier potentially limits access, including whether it is knowledge 3523 3524 about reimbursement or accessing a specialist in a 3525 community.

3526 So I agree with you that there needs to be immediate 3527 access to any FDA approved treatment.

3528 \*Mr. Pence. Got any ideas how we could make that 3529 immediate?

\*Dr. Pike. I think there is a couple of things that we have learned, certainly. The healthcare infrastructure is not \_ we learned in the last about 12 to 18 months that the healthcare infrastructure needs support in order to make sure that access is immediate. But the other side of that is looking at the evidence and being able to say that

3536 coverage should not be limited by utilizing a registry. \*Mr. Pence. Yeah, sure. And, you know, in rural areas 3537 where it is a little hard to get to the folks and educate 3538 3539 them makes it a little bit more important since I am in a 3540 rural area. 3541 And with that, Madam Chair, I yield back. \*Mrs. Miller-Meeks. Thank you. The chair now 3542 3543 recognizes herself for five minutes. 3544 And I am going to thank all the witnesses for being here and for the the real chair for having this hearing 3545 3546 today. Ms. Whitten, I co-led H.R. 2923, the Living Donor 3547 Protection Act which would prohibit life, disability, and 3548 3549 long-term care insurance companies from denying or limiting coverage and from charging higher premiums for living organ 3550 3551 donors. The Family Medical Leave Act of 1993 does 3552 specifically include living organ donation as a serious health condition for private and civil service employees and 3553 3554 direct HHS to update their materials on live organ donation 3555 to reflect these new protections and encourage more 3556 individuals to consider donating an organ. Can you or any

3557 of the other witnesses speak to the importance of encouraging organ donation and why it is a cost-effective 3558 3559 solution in the long term? 3560 \*Ms. Whitten. Just to be clear, I am not an organ 3561 transplant donor expert, but I do run the Global Down 3562 Syndrome Foundation and we have found discrimination on both ends, we in terms of donating an organ and then receiving 3563 3564 the organ, and clearly both you know, our prohibiting 3565 lifesaving organ transplants. So I think from our perspective, we totally are appreciative of the bill, we 3566 3567 need to call out discrimination in terms of accepting organ 3568 transplants and then receiving those organ transplants. And 3569 it is kind of a no brainer to us that, you know, this is 3570 lifesaving and it needs to be encouraged across the board. \*Mrs. Miller-Meeks. To follow-up on that, I also 3571 3572 cosponsored the Charlotte Woodward Organ Transplant 3573 Discrimination Prevention Act which prohibits entities from determining that an individual is ineligible to receive a 3574 3575 transplant or related services based solely on the fact that 3576 the individual has a disability. Currently 40 states across the country have non-discrimination laws in place which 3577

3578 would prohibit transplant stakeholders from discriminating 3579 against individuals with disabilities. Why do we need a 3580 federal law?

3581 \*Ms. Whitten. Wow. And I wanted to call out 3582 Charlotte, who is here today, a Happy Valentine's Day, and 3583 she had a heart transplant and, you know, we have to fight for these kinds of things. 40 states have it, 10 states 3584 3585 don't. The consistency of how the law is implemented needs 3586 to be addressed on a federal level. Also in terms of litigation, if these things are happening where they are 3587 3588 discriminating, that has to be done at a federal level as 3589 well.

3590 \*Mrs. Miller-Meeks. Thank you.

Mr. Feist, as a physician, this topic is very important 3591 3592 to me. According to the Heroes Foundation, more than 400 3593 physicians die each year by suicide and rates of physician 3594 suicide differ by specialties. Notably, Dr. Lorna Breen Healthcare Provider Protection Act included Section 764, 3595 3596 programs to promote mental health among health professional 3597 workforce to the Public Health Service Act. Under this 3598 section, HHS awards three-year grants and contracts to

3599 healthcare entities to establish or enhance evidence-based 3600 or evidence-informed programs dedicated to improving mental 3601 health and resilience in the profession.

3602 What evidence-based interventions have been employed to 3603 date and have you seen improved outcomes?

\*Mr. Feist. Yes, we have seen improved outcomes. I am I just want to be clear. The organizations that are convening those are IHI and GW, and they have given me some notes for today, so we have not been right at the center of that, but we certainly have reports.

3609 From an organizational change perspective, what we have 3610 seen is that leadership is getting training and support that they didn't have before, and that cascades down to the 3611 3612 workforce environment which drives burnout. We have seen 3613 engaging healthcare workers in advancing solutions, and I 3614 would say that because often the workers are less included 3615 in just finding out what the solutions are to do things that drive burnout, like reducing administrative challenges, 3616 3617 addressing work/life challenges, as well as improving team-3618 based care models.

3619 So those are some of just \_ some of the examples that

have occurred, but what I want to point out is that there are over 6,000 hospitals in this country, and 44 so far have received our program, so we have a very long way to go to scale these programs and to really make that impact on the workforce that we need.

3625 \*Mrs. Miller-Meeks. And, Mr. Strozyk, I am both a 3626 veteran, and a doctor, and a former director of the Iowa 3627 Department of Public Health, and EMS fell under our purview. 3628 You have discussed \_ and I am also on the Veterans 3629 Committee, so this is an important question, follow-up from 3630 Mrs. Harshbarger.

3631 You have discussed several significant challenges 3632 facing ambulance agencies, including staffing shortages and 3633 insufficient reimbursement. We have also heard a lot about 3634 drug shortages on this committee, particularly in generic 3635 sterile injectables in pediatric cancer. However, we know 3636 that injectable drugs are very important in EMS. And can you share your thoughts on the impact of drug shortages on 3637 3638 emergency medical services?

3639 \*Mr. Strozyk. Yes, I can, thank you, Congressman \_ 3640 Congresswoman. It is hard to imagine that we would have a

difficulty finding things like injectable epinephrine to deal with anaphylaxis, that we would \_ just sterile solutions for clearing lines. We have run across other cardiac medications we can't get. And in turn, you may recall, that when the hurricane hit Puerto Rico we were unable to get quantities of sterile saline solution in bag form, it was made by one plant.

3648 So this continues and it seems incredible that it does 3649 today, that we have this rolling shortage of medications, up 3650 to and including pain relief medications and certain 3651 narcotics. So it continues. The National Association of 3652 Emergency Medical Physicians, NAEMSP, is \_ this is a 3653 critical agenda item for them and we look to support any 3654 work that can be done to go forward.

3655 \*Mrs. Miller-Meeks. Thank you. I have gone over. I 3656 yield back.

3657 The chair now recognizes Representative Crenshaw for 3658 five minutes.

3659 \*Mr. Crenshaw. Thank you, Madam Chair, and of course I 3660 want to say to our \_ to the Chairwoman who is retiring, 3661 thank you I don't see her here, but I want to say thank

3662 you for her service and she will be sorely missed.

3663 Pleased to be focusing today on traumatic brain injury. 3664 I have a lot of personal friends who have suffered from 3665 TBIs. They have served our country in the Armed Forces, 3666 they have served our country in law enforcement, and they 3667 live with these injuries for years. Five million Americans 3668 live with a TBI. In the military, the estimate is that 30 3669 percent of our service members experience some type of brain 3670 injury, and similar in law enforcement.

We think that a third of veterans have PTSD, a fifth of 3671 3672 police officers have PTSD, and they are definitely linked to 3673 TBI and the symptoms that they face every day. That is a 3674 lifetime of issues, and so I think we should be supporting 3675 and funding more research for those who are injured, and I echo Mr. Strozyk's remarks about reauthorizing programs to 3676 3677 support that research. And we also have to do our best to 3678 make sure that that information just doesn't stay in an agency in Washington, D.C. but that best practices filter 3679 3680 down to all practitioners.

3681 Mr. Strozyk, you are a first responder. What do you 3682 see as the biggest gaps in identifying TBIs early on?

3683 \*Mr. Strozyk. Well, Congressman, thank you. If we speak in terms of EMS providers or we speak in terms of 3684 3685 public safety law enforcement or fire service, it may be 3686 identification and acknowledgement that something has happened. So be it an accident where there has been an 3687 3688 airbag deployment, there has been a fall, there has been something that would trigger a reason to do an evaluation 3689 3690 needs to be established. The military has done a marvelous 3691 job, and unfortunately has had to, recognizing and 3692 identifying traumatic brain injury.

3693 I refer back to a comment I made earlier in our 3694 presentation that motorsports and youth sports have become 3695 extremely focused on identifying initial signs of TBI and 3696 doing secondary and tertiary follow-up on this. I would think, and I would hope, and I would look forward to 3697 3698 physician groups, NAEMSP, United States Fire Administration, 3699 other groups that are involved in this, and also neurological groups, that we establish standards that says 3700 3701 if A, B, C, or D has occurred, then that person must receive a screening, an initial screening and a backup screening. 3702 3703 \*Mr. Crenshaw. Yeah. And, you know, I don't need to

tell anybody this, but the reason it is difficult, too, is because if you don't have a baseline to operate off of \_ so in the military I know that we started doing baselines a long time ago. I don't know if that is the case in law enforcement.

3709 Dr. Pike, another one of the worst diseases we see in 3710 the TBI space is CTEs. People with CTEs are also two to 3711 four times more likely to get dementia. Can you share your 3712 opinion on the barriers to diagnosing these difficult 3713 diseases in the brain?

3714 \*Dr. Pike. Thank you. The relationship between TBI 3715 and CTE is a growing area of research certainly, and like 3716 Alzheimer's, CTE is characterized by tangles of an abnormal form of the protein tau in the brain. And evidence, as you 3717 just mentioned, indicates that even a mild TBI increases the 3718 3719 risk of developing certain forms of dementia. In fact, 3720 recent results have shown a 70 percent increase of dementia 3721 risk from any form of TBI.

3722 But the fact is more research is needed. We need to 3723 understand CTE diagnosis and prevention and another way of 3724 early identification within that space. We also need to

3725 think about the investments within the workforce and 3726 training within the workforce for the earliest signs and 3727 symptoms of TBI and the connection to CTE, and that is 3728 exactly why we are requesting to reauthorize NAPA and the 3729 Alzheimer's Accountability Act.

3730 \*Mr. Crenshaw. Okay, I appreciate it.

I want to end with a conversation about breast cancer. It is deeply personal to me, I lost my mom to breast cancer, and early detection can be life or death. Dr. Annunziata, what role do you see for diagnostic innovation in solving this problem?

3736 \*Dr. Annunziata. Yes, we certainly need more innovation in the diagnostic sense. The American Cancer 3737 Society recommends traditional screening for women at risk 3738 of breast cancer and those are based on data that we have 3739 collected over the years. But we did American Cancer 3740 3741 Society does also support that any tests recommended by a doctor or a study recommended for women with, for example, 3742 3743 for with dense breasts should be covered at cost sharing. 3744 And we are pleased that the FDA finalized a rule last year 3745 specifically requiring all mammogram reports to be sent to

3746 patients and doctors to include information on dense 3747 breasts. 3748 \*Mr. Crenshaw. Thank you. And I am out of time, I 3749 yield back. 3750 \*Mrs. Miller-Meeks. Thank you. The chair now 3751 recognizes Representative Tonko for five minutes. \*Mr. Tonko. Thank you, Madam Chair. And again, I am 3752 3753 so honored to stand with the Alzheimer's community and 3754 champion many of their efforts. 3755 Given the enormous impact of Alzheimer's on my 3756 community, this summer I proudly hosted a public discussion that we called the Faces of Alzheimer's Disease in the 3757 3758 capitol region where we did a spotlight of the local 3759 experiences of patients, their families, and caregivers. Ι heard from Beth Smith-Bovin who, as the leader of the 3760 3761 Alzheimer's Association of Northeastern New York, introduced 3762 us to Eugenia who was there to give a face to Alzheimer's, as well as her husband Dick, who serves as her caretaker. 3763 3764 And we were welcomed also by Sherry and Jenny who also both 3765 care for spouses living with Alzheimer's. We heard from the neurologist, Dr. David Hart, and from Nancy Cummings, the 3766

3767 center director of Alzheimer's Center at Albany Med, as well 3768 as many others.

To everyone who participated, I thank them for providing a face and a voice to Alzheimer's. To the capitol region community living with Alzheimer's, I see your pain and struggles, but I also see your strength and your resilience. I fully recognize that we must do more and provide much needed hope.

3775 In that vein, I am thrilled to see the increased 3776 investment in Alzheimer's and dementia research funding at 3777 the National Institutes of Health, and I am glad to see how 3778 the Alzheimer's laws we are considering for reauthorization 3779 today have helped lead us here.

3780 But with over 410,000 individuals in my home state 3781 alone facing this devastating disease, it is clear that not 3782 only funding but a strong national strategy for prevention, 3783 detection, and treatment is necessary on a federal level to help districts such as mine respond to this growing threat 3784 3785 to the health of our country. During my first term I was proud to support the National Alzheimer's Project Act. A 3786 decade later NAPA allowed us to establish a federal plan to 3787

3788 address Alzheimer's and dementia that was successful at 3789 bringing coordination and attention to the disease. 3790 However, those essential federal programs are soon set 3791 to expire. I am proud to help lead the bipartisan National 3792 Alzheimer's Project Act Reauthorization Act. I also 3793 strongly support incorporating provisions that more robustly support and include populations that experience Alzheimer's 3794 3795 Disease and related dementia at a rate that is markedly 3796 higher than the general population, such as individuals with down syndrome. I am also proud to co-lead the Alzheimer's 3797 3798 Accountability and Investment Act which ensure scientists 3799 speak directly to Congress on resources that they need to effectively treat the disease. 3800

3801 So, Dr. Pike, can you speak to the importance of the 3802 national plan to address Alzheimer's Disease and the 3803 Alzheimer's bypass budget? How do these blueprints together 3804 play a role in equipping researchers with the funding that 3805 they need to effectively prevent, continue to treat, and one 3806 day cure Alzheimer's?

3807 \*Dr. Pike. Thank you. Congressman Tonko, your3808 leadership and even the storytelling that you do within your

3809 own community is amazing for the work that we have seen and 3810 the progress that we have been able to make. NAPA and the Alzheimer's Accountability Act have led to significant 3811 3812 progress within the Alzheimer's community, and certainly 3813 robust and steady investment. Scientists have been able to 3814 work faster to advance basic disease knowledge, explore ways 3815 to reduce risk, uncover new biomarkers for early diagnosis, 3816 and develop national treatments.

Due to the creation of NAPA, that national plan, and the work of the bypass budget since 2014, research funding for Alzheimer's and dementia at NIH has increased more than seven-fold over the past decade. And the work of both of these bills has been crucial over that decade to continue this important work among and to coordinate all of the agencies within the Federal Government, so thank you.

3824\*Mr. Tonko. Thank you. I am also honored to lead the3825efforts once again on the BOLD Infrastructure for

3826 Alzheimer's Reauthorization Act along with my good friend,

3827 Congressman Guthrie. This effort, as we know, will allow us

3828 to continue to strengthen our Alzheimer's and dementia

3829 public health infrastructure across our Nation.

3830 So, Dr. Pike, again you discussed in your testimony how 3831 the CDC awards through BOLD have made real world impacts in 3832 many states. Can you share some more examples of this type 3833 of innovation, particularly perhaps examples from my home 3834 state of New York?

3835 \*Dr. Pike. Yes. New York has been a leader within the public health space for quite some time, both at the state 3836 3837 level and within the application of CDC funds. Since 2018, 3838 CDC has established three Alzheimer's public health centers of excellence, and one of which, the Center on Early 3839 3840 Detection, is based at New York University. Most recently 3841 in September of 2023, CDC funded 43 public health 3842 departments across the country, including New York State and 3843 New York City.

New York State Department of Health proposed an initiative to expand dementia related services statewide, resulting in the New York Alzheimer's Disease Caregiver Support Initiative. Within this initiative's first year, community support services for people with dementia and their caregivers reached approximately 13,000 individuals and families. Through the public health initiatives such as

3851 these, and certainly the Center of Excellence at New York, 3852 we know that New York continues to lead the way in the fight 3853 against Alzheimer's and other dementia. 3854 \*Mr. Tonko. Thank you so much, and it is obvious that 3855 we need to continue to invest through the Federal Government 3856 in research on behalf of Alzheimer's, so I thank you. 3857 And with that, Madam Chair, I yield back. 3858 \*Mrs. Miller-Meeks. Thank you. The chair now recognizes Representative Cammack for five minutes. 3859 3860 \*Mrs. Cammack. Thank you, Madam Chairwoman, and thank 3861 you to all my colleagues that are here. I know that I am 3862 here at the tail end, but thank you to all our witnesses for 3863 appearing before us today to talk about these very important 3864 issues. I am thrilled to see my bill, the Charlotte Woodward 3865 3866 Organ Transplant Discrimination Prevention Act included in 3867 today's hearing. Now as many people know that this bill, it was named for Charlotte Woodward, who is with us here today 3868 somewhere. There she is. Hi, Charlotte. An adult woman, 3869 an amazing woman with down syndrome who is with us and is 3870

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with us today because of a lifesaving heart transplant over

3872 12 years ago.

Now sadly not all individuals with disabilities have 3873 that same opportunity. This issue is one that has become 3874 3875 personal for me as one of my constituents, Bobbi and Josh 3876 Sarmiento. They are loving and devoted parents in Ocala, 3877 Florida. They lost their son, Baby Zion, who was born with down syndrome and in need of a heart transplant at just six 3878 months old. Zion's family were told that his life did not 3879 3880 have the same value as mine or yours and was subsequently denied a heart transplant because of his disability. 3881 This 3882 is unacceptable. Ooh, that gets you.

3883 Charlotte's bill would seek to prevent this type of 3884 discrimination from happening and creates an avenue for 3885 timely relief at the Office of Civil Rights at the 3886 Department of Health and Human Services for those who have 3887 been discriminated against. I want to thank my colleagues 3888 across the aisle, particularly Congresswoman Debbie Dingell 3889 for leading this important priority alongside me.

And, of course, at this time I would like to submit a letter of support for this bill led by the National Down Syndrome Society and signed by over a dozen disability

3893 advocacy and organ transplant stakeholder groups. 3894 \*Mrs. Miller-Meeks. Without objection. 3895 [The information follows:] 3896 3897 \*\*\*\*\*\*\*\*COMMITTEE INSERT\*\*\*\*\*\*\*\* 3898

3899 \*Mrs. Cammack. Thank you. And with that, I am going 3900 to jump right into a few questions.

Ms. Whitten, where are you? There you are. You 3901 3902 mentioned in your response to Representative Dingell that it is clear that you that legislation is needed in states 3903 3904 that do not have a nondiscrimination law in place for 3905 individuals with disabilities. For patients who are 3906 discriminated against, could you please briefly explain what 3907 relief a bill like ours would provide?

3908 \*Ms. Whitten. Yes, thank you so much. And also just 3909 from a background, my daughter who is 20 who has down syndrome, when reading about the history of say Baby Doe 3910 3911 where, you know, a lifesaving procedure was feeding a baby with down syndrome in a hospital and legislation had to be 3912 passed so that you couldn't starve a baby to death. 3913 I mean, 3914 that was just in the 1970s and then Willowbrook was only 3915 shut down in the 1990s. So, yeah, we have got this whole human rights things going on, and so your work, 3916 3917 Congresswoman, is just so meaningful for our families and

3918 for me.

3919

Yes, it is important to be able to actually litigate,

3920 right, if you are being discriminated against, going to the 3921 Office of Civil Rights and presenting your case. So that 3922 wasn't possible before, certainly in the 10 states that 3923 didn't have any laws, and then the consistency of which to do that now at a federal level is just profoundly impactful. 3924 3925 \*Mrs. Cammack. Now and one of the concerns that we have heard repeatedly on the bill is regarding what effect 3926 3927 the provisions would have on the current practices of 3928 physicians. 3929 \*Ms. Whitten. Yeah. 3930 \*Mrs. Cammack. So how would this bill impact or 3931 preserve I should say 3932 \*Ms. Whitten. Yes, I was going to say yeah. \*Mrs. Cammack. preserve a physician's role in the 3933 3934 transplant process? 3935 \*Ms. Whitten. Yeah, it is important. 3936 You know, we are not getting in the physician's business and telling them how 3937

3938 \*Mrs. Cammack. Yes.

3939 \*Ms. Whitten. \_ to make decisions, but we have found 3940 again and again that there are people, physicians who have

- 3941 based solely on the diagnosis of down syndrome or a 3942 disability said, no, this person is not qualified to be a 3943 recipient, and so this addresses that. It doesn't take away 3944 the ability to look at the whole medical profile and make a 3945 decision \_
- 3946 \*Mrs. Cammack. Yeah.

3947 \*Ms. Whitten. \_ you know, based on how that transplant 3948 will, you know, be received over time, but that is what we 3949 are doing, we are getting the worst discrimination out there 3950 and we are still preserving the rights of the medical 3951 professional.

3952 \*Mrs. Cammack. Thank you for making sure that that is 3953 on the record, that we still preserve that autonomy. But as 3954 a follow-up on top of that, 2019 National Council on 3955 Disability Report highlighted that many transplant

3956 stakeholders believe individuals with down syndrome cannot

3957 adhere to post-operative care.

3958 \*Ms. Whitten. Yeah.

3959 \*Mrs. Cammack. Therefore, they are risky candidates 3960 for transplants.

3961 \*Ms. Whitten. Mm-hmm.

3962 \*Mrs. Cammack. Is that an accurate assumption? 3963 \*Ms. Whitten. No. You know, I think that with people with down syndrome, many of them have a support system that 3964 3965 has to be taken into account, and if you just said, oh, this 3966 person, can they do self-care, you know, I mean, like I 3967 don't know that I could do the self-care, that a lot of people could do the self we all have a support system. 3968 So 3969 this law or this legislation will address the fact that 3970 there has to be a support system looked at not just that 3971 individual.

3972 \*Mrs. Cammack. Thank you so much and thank you to all 3973 of the wonderful advocates in attendance today. I believe 3974 Charlotte Woodward will be a member of Congress one day, so 3975 shout out.

3976 And thank you, Madam Chairwoman, I yield.

3977 \*Ms. Whitten. Yeah, thank you.

3978 \*Mrs. Miller-Meeks. Thank you very much. The chair3979 now recognizes Representative Castor for five minutes.

3980 \*Ms. Castor. Thank you, Madam Chair. You are about at 3981 the end now, so thank you. Thank you to all the experts who 3982 have stuck with us today, and thank you to all the patient

3983 advocates, and caregivers, and families, and the medical 3984 professionals who support them. It takes a lot to get 3985 legislation to committee and then get it actually heard in 3986 committee and get it moving along, so congratulations to 3987 you. We have a little more to do, though.

3988 And I want to thank the committee for including two of 3989 my bipartisan bills, especially the bipartisan and bicameral SHINE for Autumn Act. This bill is not new to the 3990 3991 committee, we passed it before, but the necessity for 3992 passing it into law remains urgent. The bill is named after 3993 Autumn Joy who was born still on July 8, 2011, and her 3994 mother, Debbie, has turned Autumn's tragic death into a mission to increase stillbirth awareness and education and 3995 3996 ultimately decrease the number of families who experience 3997 such a heartbreaking loss.

3998 Stillbirth is a public health crisis in the United 3999 States with over 21,000 stillbirths every year. That is 4000 almost 60 babies every day. This exceeds the number of 4001 deaths for children age zero to 14 from guns, accidents, 4002 preterm birth, SIDS, drownings, fire, and flu combined. And 4003 like too many other maternal and child health issues, there

4004 are persistent and longstanding disparities with black women 4005 more than twice as likely to experience stillbirth as white 4006 women.

4007 At least one out of ever four stillbirths are estimated 4008 to be preventable, but there is still so much that we do not 4009 know. That is why we need real change that will lead to 4010 measurable improvements in the outcomes for families. The 4011 SHINE for Autumn Act would improve surveillance and data 4012 collection relating to stillbirth nationwide and invest in 4013 research to examine the causes and risk factors.

4014 Additionally, it would seek to increase education and 4015 awareness.

American parents deserve better data and science to help improve pregnancy outcomes, and I am proud to lead this legislation with my colleagues, Reps. Young Kim, Robin Kelly, and Dave Joyce, to keep the memory of Autumn Joy alive. Together our committee can address the serious maternal and infant health crisis that is tearing families apart and causing significant pain and trauma.

4023 At this time, Madam Chair, I would like to ask 4024 unanimous consent to enter into the record testimony from

4025	Debbie who has really spearheaded this effort and I know she
4026	is watching and listening today. And thank you from the 300
4027	plus endorsing organizations of SHINE for its inclusion in
4028	the hearing.
4029	*Mrs. Miller-Meeks. No objection.
4030	[The information follows:]
4031	
4032	********COMMITTEE INSERT********
4033	

4034 \*Mrs. Cammack. We need a clearer picture on why babies 4035 are dying if we want to make progress towards reducing stillbirth rates and improving outcomes. With timely and 4036 4037 accurate data we can begin to understand the underlying 4038 causes of stillbirth and quide policy actions and much 4039 needed strategies for prevention.

4040 I would also like to highlight another bill of mine on 4041 the agenda, H.R. 6960, the Emergency Medical Services for Children Reauthorization, which I led with Rep. Carter 4042 Reps. Carter, Schrier, and Joyce. Our bill would 4043 reauthorize the vital EMSC initiative for another five years 4044 4045 at the current funding levels. I have the privilege of co-4046 chairing the Children's Healthcare Caucus in the Congress, 4047 and I have learned over the years from a lot of folks like you that children have specific healthcare needs, including 4048 4049 in an emergency when there is little time to spare.

For the past 40 years, EMSC funding has spurred innovation and advanced research to address the unique needs 4051 4052 of children in emergency medical systems, saving countless 4053 lives and improving health outcomes. EMSC benefits children every day in every state in every territory, and here is an 4054

4050

4055 example. Back home in Florida, EMSC served 4.3 million children and their families. 4056 4057 You all may remember that monster Hurricane Ian when it 4058 was bearing down on Southwest Florida in 2022. They 4059 evacuated 81 critically ill neonatal and pediatric patients from local hospitals, and they we knew that the transport 4060 4061 vehicles were properly equipped at that time thanks to 4062 Florida EMSC safe transport work groups' earlier 4063 distribution of hundreds of pediatric restraint devices. Using this kind of resource, it allows it allowed the 4064 4065 disaster response committee to develop a pediatric mass 4066 casualty triage tool that has been distributed. 4067 So I am grateful to everyone that has worked on this. Thank you very much. And I would also like to ask unanimous 4068 consent to submit for the record a letter of support from 4069 4070 the endorsing organizations for H.R. 6960. And thank you 4071 all very much. 4072 \*Mrs. Miller-Meeks. No objection. 4073 [The information follows:] 4074 4075

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4077	*Mrs. Miller-Meeks. The lady's time is expired. Does
4078	she yield back? Thank you.
4079	I ask unanimous consent to insert in the record the
4080	documents included in the staff hearing's document list.
4081	Without objection, that will be the order.
4082	[The information follows:]
4083	
4084	********COMMITTEE INSERT********
4085	

4086 \*Mrs. Miller-Meeks. I remind members that they have 10 4087 business days to submit questions for the record and I ask 4088 the witnesses to respond to their questions promptly. 4089 Members should submit their questions by the close of 4090 business on February 28th. 4091 Without objection, the subcommittee is adjourned. 4092 [Whereupon, at 1:31 p.m., the subcommittee was

4093 adjourned.]