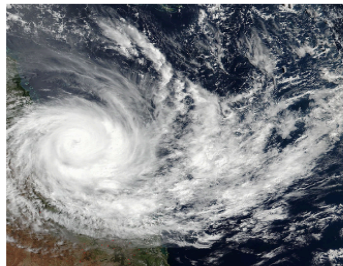


National Pediatric
Disaster Coalition
2015-2023



Exploring Next Steps

NPDC History



The National Pediatric Disaster Coalition Begins

The National Pediatric Disaster Coalition was established during the 2015 National Pediatric Disaster Conference hosted by Arizona's Coyote Crisis Collaborative a grant funded 501C3 healthcare coalition. The conference planning committee included many of the first NPDC executive members who represented some of the first pediatric disaster coalitions, several pediatric academic centers, State and local EMS agencies, pediatric nursing, the EMS for Children Program, and experts in emergency management. During the conference the need to establish a nationwide healthcare coalition for children was identified. During the highly successful national conference the conference planning committee went on to establish themselves as the National Pediatric Disaster Coalition (NPDC). Dr. Michael Frogel and Patricia Frost RN, PHN, MS, PNP were voted in by the members present to serve as voluntary Chair and Vice Chair respectively to assist in supporting the new organization's efforts.

The NPDC executive members first action was to collaborate with the Coyote Crisis Collaborative to complete the 2015 [Pediatric Disaster Conference after-action](#). In November of 2016, NPDC hosted a pediatric disaster meet and greet during the National Healthcare Coalition Preparedness Conference. During that meeting NPDC executive members discussed the organization's mission, goals, ability to formalize the organization resulting in an organizational charter and the intention to explore future funding.

Executive members represented members of the New York Pediatric Disaster Coalition, American Academy of Pediatrics (AAP) Disaster Pediatric Advisory Council (DPAC), Coyote Crisis Collaborative and California Neonatal/Pediatric Disaster Coalition, former members of the National Advisory Committee for Children and Disasters, and subject matter experts from EMS, Public Health, Pediatric Regional Centers across the country. By the end of 2016

a charter had been finalized, an email listserv established, and a website featuring a curated list of resources was in place, supported by the Coyote Crisis Collaborative.

NPDC Executive member and liaison participation is understood by all participants to be voluntary and in the event the individual can no longer participate they are to inform the Chair and Vice Chair they wish to step down. Members are periodically reminded to inform the NPDC Vice Chair and Chair in the event they can no longer participate. As volunteer executive members have stepped down over the years new executive member SMEs have been invited to participate in NPDC leadership. New members discuss their interest with the Vice Chair followed by an invitation and approval by the NPDC Chair. Since 2020 NPDC executive members representation has expanded to include the SMEs from pharmacy, DMAT and pediatric trauma. NPDC executive members are recognized on the NPDC website and serve as informal ambassadors for information sharing, advice and collaboration between their respective organizations and networks and the health care coalition community.

NPDC Charter Approved by Executive Committee Members in 2016

Whereas children comprise one quarter of the population in the United States, the mission of the National Pediatric Disaster Coalition (NPDC) is to advance community preparedness, mitigation, response and recovery for infants, children, and their families in disasters. This includes development of pediatric specific Health Care Coalitions and advisory committees that integrate into the existing Health Care Coalition model. Expert knowledge and the capabilities necessary to plan and allocate the appropriate and essential resources will be utilized to address pediatric specific needs in disasters. The NPDC provides recommendations based on national pediatric disaster committees and advisory committees, commissions, and agencies, using the Technical Resources, Assistance Center, and Information Exchange (TRACIE) and other nationally recognized organizations, such as the American Academy of Pediatrics and Emergency Medical Services for Children. The NPDC serves as a clearinghouse for information on pediatric research, resource linkages, and Listservs. With the engagement of multi-disciplinary organizations and subject matter experts, the NPDC serves as an incubator to harness collaborative ideas and technologies that promote the best outcomes for children in disasters.

Information Sharing Relationships

Coyote Crisis Collaborative

The Coyote Crisis Collaborative Healthcare Coalition has been a key partner in the inception NPDC and without this partnership and collaboration the first National Pediatric Disaster Conference in 2015 would not have occurred and the NPDC organization would simply not exist. The initial funding and support from the Coyote Crisis Collaborative enabled NPDC to establish its current information sharing infrastructure. Although NPDC has been self-funded since 2019, the Coyote Crisis Collaborative has continued its strong advocacy for children in partnership with the NPDC. The Coyote Crisis Collaborative is also a partner to the Western Alliance for Pediatric Emergency Management (WRAP-EM) one of the ASPR Pediatric Disaster Centers of Excellence recently partnering with AAP on pediatric reunification best practices.

In 2022 the Coyote Crisis Collaborative a sponsored a second National Pediatric Disaster Conference “California Earthquake Response.” The event examined a joint response across states and regions addressing the interstate operational response during the first 24 hours among first responders, public private partners, military, and local, state, and regional emergency managers. Numerous NPDC executive members served as a planning committee partners, along with members of the WRAP-EM, Pediatric Pandemic Network and others served on the planning committee. NPDC facilitated recommendations for both planning committee and speaker participation. The [after-action](#) and materials are available on the [Coyote Crisis Website](#).

Thank you to our Supporters

On behalf of Coyote Crisis Collaborative, thank you to the Oversight Committee members for enabling the conference to come to fruition. In addition, the Collaborative is indebted to the Arizona Department of Health Services, the Arizona Coalition for Healthcare Response (AzCHER), the Pediatric Pandemic Network (PPN), and the Western Regional Alliance for Pediatric Emergency Response (WRAP-EM) for support.



American Academy
of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN®



astho™

WRAP-EM
Western Regional Alliance for
Pediatric Emergency Management



Yale University
School of Medicine

ASU Sandra Day O'Connor
College of Law
Arizona State University
Center for Public Health Law & Policy

Stanford
Children's Health

astho™

AZ
CHER
ARIZONA COALITION FOR
HEALTHCARE EMERGENCY RESPONSE

Dignity Health.

ADHS
PREPAREDNESS



Arizona
Ambulance
Association

HEALTH
UNIVERSITY OF UTAH

Phoenix
Children's

CDPH
California Department of
Public Health



ARIZONA
EMC State Partnership Program



American
Red Cross

Cal OES
CALIFORNIA OFFICE
OF EMERGENCY SERVICES

AHCCCS
Arizona Health Care Cost Containment System



The University of Texas at Austin
Dell Medical School

American Academy of Pediatrics (AAP)

Members of the NPDC have long standing relationships with the disaster subcommittees and councils of the American Academy of Pediatrics as many of the executive membership are AAP advocates and leaders for children in disaster. In 2016 the following report was submitted to the AAP DPAC by Dr. David Schonfeld one of NPDC long standing executive committee members shortly after NPDC was formed.

"Dr Schonfeld provided an update on the National Pediatric Disaster Coalition. As a follow-up to the conference held in Arizona in November 2015, an executive committee was formed to oversee a new coalition, which will serve as an advocacy and guidance entity on pediatrics and disasters for pediatric and other health care coalitions across the nation. Drs Krug and Schonfeld serve on the executive committee as AAP representatives. The National Pediatric Disaster Coalition executive committee members will participate in the National Healthcare Coalitions Preparedness Conference on December 12-14, 2016, in Washington, DC. The AAP has submitted an abstract to present at this conference on the follow-up to the Tabletop Exercise."

AAP member participation in the NPDC has facilitated numerous introductions between pediatric subject matter experts and the emergency management community at large. The relationship with AAP has helped NPDC listserv members not only become more aware of AAP's role in advocating for children in disaster and their open access disaster resources. More recently NPDC has lobbied for other disciplines to be able to actively participate in AAP Disaster Council Programs and Disaster Education Committee webinars. Organizations like Child-Life Disaster Relief and others have had the opportunity to not only participate but contribute to AAP Project Echo's series on Children and Youth with Special Health Care Needs.

ASPR TRACIE

ASPR TRACIE was established in 2015 and serves as a clearinghouse for medical health education and resources for the healthcare coalition community. NPDC has maintained a long mutually beneficial relationship with ASPR TRACIE since its inception. Members of the NPDC have been involved in reviewing resources and content, making recommendations for webinar topics, and promoting the open access resources on behalf of the healthcare coalition community addressing children in disaster. NPDC executive members have participated in the ASPR TRACIE development of technical reports, helped NPDC listserv members connect to ASPR TRACIE services to address gaps in pediatric disaster readiness and introduced pediatric subject matter experts for ASPR TRACIE webinar series. During the pediatric respiratory surge ASPR TRACIE Leadership reached out to NPDC along with many others to solicit recommendations for just-in-time educational materials from trusted sources. NPDC in turn reached out to our executive members for recommendations as it has done on in response to real world events.

IAEM

NPDC has an informal liaison relationship with the International Association of Emergency Managers (IAEM) through several of its executive members over the years. More recently NPDC informal outreach activities have established networking with the IAEM Pediatric Caucus resulting in electronic introductions between Region V for Kids and the IAEM Pediatric Caucus to establish opportunities for information sharing, outreach, and collaboration between the groups. NPDC was invited to present to the group in 2022 and had an opportunity to share much of the work of the pediatric disaster community at large. NPDC was invited to the table during the IAEM pediatric caucus discussion on FEMA's draft report on the inclusion of children that had been previously shared by the FEMA liaison with the NPDC executive members and liaisons in 2022.

EMS for Children (EMSC) and EMS Innovation and Improvement Center (EIIC)

The majority of NPDC leadership have long-standing, formal and informal connections with EMSC and EIIC over the years. NPDC has served as an informal ambassador for the pediatric readiness project as the foundation to support disaster readiness for children. NPDC executive members and leadership have a legacy of actively participating in the EMSC pediatric disaster quality collaboratives, and the early EMSC Community of Practice. As a respected partner of EMSC initiatives NPDC executive members and leadership have been invited to serve on EIIC and EMSC steering committees as advisors creating opportunities for additional information and education resources sharing to inform and enhance EMSC mission to care of children in emergencies and disaster. In 2021 NPDC was invited to serve as a member of the steering committee for the Prehospital Pediatric Readiness Project (PPRP) EIIC and EMSC and was invited by EMSC PPRP leadership to assist in the promotion of EMS week and EMSC activities via the NPDC listserv and our social media.

National Association of City and County Health Officers (NACCHO)

The NPDC Vice Chair has been a member of NACCHO since 2011 and has had the opportunity to serve as an informal ambassador promoting information sharing between NACCHO's local, state, and national maternal child champions and workgroups. This has led to supporting increased submissions of pediatric disaster abstracts to the NACCHO Preparedness conferences over the last three years. Through NPDC connections with NACCHO Region V for Kids conducted several zoom meetings with NACCHO Maternal Child Leadership group resulting in the dissemination of Region V for Kids CYSHCN "Be Ready" resources in their newsletters and member discussion boards. During a recent NACCHO call for CBRNE education and training resources in March 2023 NPDC was able to submit eight recommendations on pediatric CBRNE from trusted sources to assure children were included in NACCHO education efforts.

The National Center for Missing and Exploited Children (NCMEC)

The NCMEC has participated as a NPDC liaison member to the group since 2016. In that capacity NPDC executive, liaison and listserv members have benefited from NCMEC resources, toolkits and expertise in the area of reunification, disaster risk reduction promoting family communication plans, and most recently NCMEC education and training materials to reduce the risk of separation of autistic children and cyber-crime targeting youth. NCMEC reports during quarterly NPDC meetings facilitates NCMEC's ability to "spread the word" on their important work aligned with pediatric disaster preparedness.

Centers for Disease Control (CDC)

CDC has been a long-time information sharing to the NPDC and acts in the capacity of a point of contact. In 2022 NPDC became a member of CDC Emergency Partners Information Connection (EPIC). In that capacity NPDC has met with EPIC leadership and encouraged them to integrate children more consistently in their activities. Through the EPIC network NPDC learns about other resources of interest during listening sessions and promotes EPIC efforts to engage NPDC listserv members. As of May 2023, NPDC is also connected to the Division of State and Local Readiness (DSLRL) Communication Alerts providing information to local healthcare coalitions and public health preparedness programs.

Pediatric Disaster Centers of Excellence/Pediatric Pandemic Network

There has been no greater pleasure to see so many NPDC executive members and liaisons be involved in the Pediatric Disaster Centers of Excellence and Pediatric Pandemic Network working through their primary organizations to collectively benefit from ASPR grant funding supporting the inclusion of children on behalf of many groups and healthcare coalitions. As of 2019 ASPR and HRSA launched competitive grants to fund three Pediatric Disaster Centers of Excellence (PDCOE) and the Pediatric Pandemic Network (PPN). NPDC was privileged to be asked to write formal letters of recommendation for each of the entities during their grant applications.

Today numerous NPDC executive members are project leads or serve as subject matter experts (SMEs) to workgroups. NPDC opened its extensive repository of curated pediatric disaster resources to these project managers to inform numerous SME workgroups. With so many executive members participating there has been a pipeline of open access pediatric disaster education and learning opportunities to share with NPDC listserv members and across our social media. NPDC listserv members have benefited from just intime training resource addressing the Covid Pandemic, Hurricanes and Tornados, pediatric respiratory surge, school shootings, flooding, and the East Palestine Train Derailment.

Western Region Burn Disaster Consortium

As a SME to the Pediatric Disaster Centers of Excellence NPDC has both contributed and benefited collaboration with the Western Region Burn Disaster Consortium (WRBDC) known for its stellar best practices. NPDC resources and

strategies along with many other partners were part of the development of WRBDC Burn Surge Toolkits and Burn Concept of Operations. The WRBDC group has been extraordinary in their efforts to fully engage the pediatric community in virtual burn exercises, webinars, and development of numerous resources. Through this collaboration NPDC was able to actively promote these learning opportunities through our listserv playing a role in increasing the level of participation in these virtual events.



BURN SURGE

**TABLETOP
EXERCISE
TOOLKIT**



PRODUCED IN COOPERATION WITH:



Support for this program is funded in part through Hospital Preparedness Program Grant CFDA #93.889

Healthcare Ready

During the pediatric respiratory surge NPDC was instrumental collaborating with [Healthcare Ready](#) who developed a public open access national pediatric respiratory surge situation report and featured NPDC as a partner in the [Healthcare Ready 2022 Year-in-Review](#). NPDC initial outreach to Healthcare Ready facilitated subsequent introductions to WRAP-EM and PPN informing and tracking supply chain gaps nationally via formal and informal channels and allowing those parties to address this information at the next level. Healthcare Ready reports provided

critical information during the nationwide pediatric respiratory surge situation awareness on bed capacity and supply chain issues. Their situation reports were then passed on to our NPDC listserv members during the crisis.

Partner Spotlight: The National Pediatric Disaster Coalition

While children make up nearly 25% of the U.S. population, a comparable percentage of healthcare and disaster preparedness resources are not allocated to our youngest patients. That's why our partnership with [Patricia Frost](#), Vice-Chair at the [National Pediatric Disaster Coalition](#) is crucial for both protecting and advocating for our youngest patients and their families. This advocacy was crucial during 2022's Respiratory Syncytial Virus (RSV) surge. With the National Pediatric Disaster Coalition, Healthcare Ready [created and curated resources](#) for providers, published 11 situation reports to guide frontline clinics, and advocated for emergency declarations to bring needed resources to the hardest hit communities—all to help ensure infants, children, and their families have the resources we all need to thrive.

” When NPDC reached out to Healthcare Ready at the beginning of the Pediatric Respiratory Surge we found a true partner willing to go above and beyond because ‘it was the right thing to do.’ Their public national pediatric respiratory surge situation report conducted in partnership with the many pediatric disaster organizations and champions from across the country put a spotlight on the needs of children in disaster and the work that still needs to be done.”

—Patricia Frost, Vice-Chair, National Pediatric Disaster Coalition

Through non-competitive, collaboration with the Pediatric Disaster Centers of Excellence, Pediatric Pandemic Network and Healthcare Ready is an example of how NPDC supports connections between novice to expert promoting engagement. These collaborations create just-in-time opportunities for multi-disciplinary pediatric and disaster subject matter experts and NPDC listserv members.

National Academies of Science Engineering and Medicine (NASEM)

NPDC members and leadership have participated in several NASEM events since 2015. While most NPDC members do so affiliated with their primary organization or academic center the NASEM has directly reached out to NPDC periodically. In June 2020 NPDC was asked to participate in the NASEM Workshop from Hurricane Katrina to Paradise

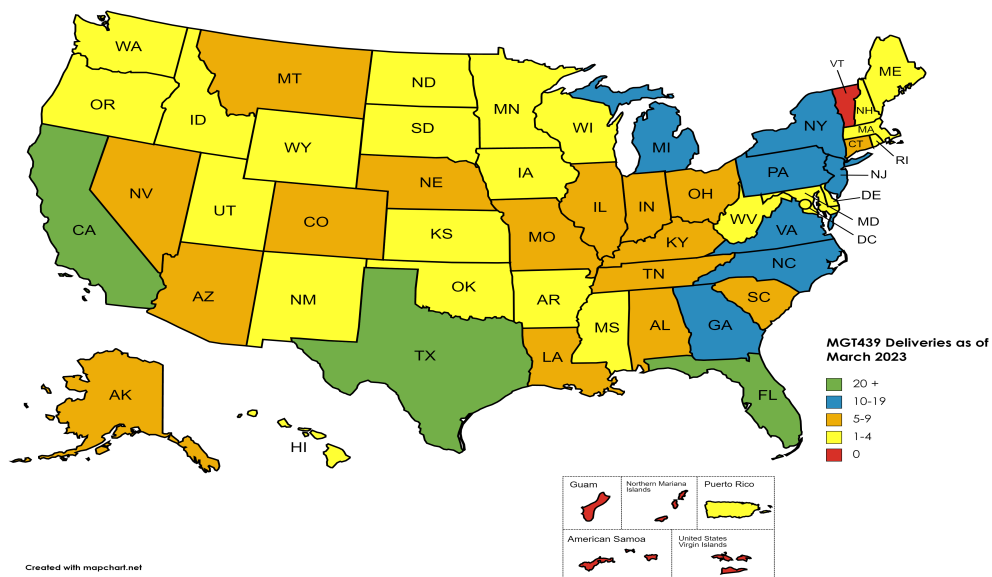
Wildfires, Exploring Themes in Disaster Human Services. In June of 2022 Dr. Cinnamon Dixon was referred to NPDC Vice Chair by an ASPR NPDC liaison to assist Ms. Dixon with connecting to subject matter speakers in pediatric disaster and the social sciences. In her opening remarks during the workshop, Dr. Dixon acknowledged NPDC's support along with many others. NPDC is privileged to have played a small role in supporting introductions, connections and themes that made that event such a success.

TEEX/NERRTC

Several NPDC executive members were on the initial and curriculum development team for the FEMA/DHS funded [Pediatric Disaster Response and Emergency Management Course](#) Texas A & M Engineering Extension Service (TEEX) and the National Emergency Response and Recovery Training Center (NERRTC). These include Vice Chair Patricia Frost and Dr. Brent Kaziny who due to their participation assured the course included information on EMSC readiness, CYSHCN, TRAIN, and PsySTART along with content from Contra Costa, Loma Linda, Illinois, and AAP. This course is a free government funded in person training open to the whole community emergency management and response community. In many cases it brings stakeholders and responders from the local community across FEMA lifeline sectors and disciplines together for the first time to address the needs of children across the disaster continuum.

The course addresses pediatric emergency planning and medical response considerations for children and is not a clinical course. The course has been updated every 2-3 years and is in the process of another update. NPDC has three of its executive leadership participating as adjunct faculty and has provided contributions that have informed the course updates. The course introduces communities to the challenges and lessons learned in Pediatric Disaster Emergency Management including introducing work of the Pediatric Readiness EMS for Children (EMSC) program which in most cases is the very first-time local members of the community who respond in disaster learn about EMSC.

Currently three members of leadership serve as adjunct faculty for the course. These are Pediatric Disaster Emergency Physician from Texas Children's, Dr. Brent Kaziny, former DMAT commander Dr. Helen Miller and Patricia Frost RN, PHN, MS, PNP. NPDC has helped local communities connect with the program across the US and as of May 2023 is currently working with TEEX to bring the program to the state of Vermont.



TEEX is now an educational partner of the [Gulf 7 Pediatric Disaster Network](#) where a new course “Pediatric Preparedness for the Healthcare Professional” is currently being piloted under the G7 Pediatric Disaster Network leadership of Dr. Brent Kaziny.

World Association for Disaster and Emergency Medicine (WADEM)

Several NPDC leadership and members are active in WADEM. During Covid WADEM formed a Pediatric Special Interest Group (SIG) providing a forum for virtual presentations, discussions and information sharing with pediatric emergency management residents and WADEM international members. NPDC made two presentations to the special interest group and recently had a poster accepted to the WADEM Congress on Disaster and Emergency Medicine in Killarney Ireland in May of 2023. NPDC participation in WADEM SIG serves as another conduit for information sharing with listserv members, pediatric disaster centers of excellence and the pediatric pandemic network. NPDC leadership recently presented a poster at the WADEM Congress in Ireland.

National Healthcare Coalition Preparedness Conferences

NPDC has been an active part of the MESH conference planning advocating, promoting, and participating in the review of pediatric disaster conference submissions since 2016. NPDC hosts both an in-person executive committee meeting and pediatric meet and greet annually at the event. NPDC has a legacy of playing an important role in advocating for pediatric disaster content to be featured at the conference which has evolved into a full pediatric track on disaster due to the convergence of efforts between the ASPR/HRSA funded grantees, the pediatric community and pediatric healthcare coalitions like NPDC.

County and State Pediatric Healthcare Coalitions

There are a handful of state or local pediatric healthcare coalitions in the nation. As NPDC finds these dedicated coalitions they are invited to be recognized on the NPDC website. To date these include:

Southeast/Southeast Central Ohio Healthcare Coalition (SEOHC) and the Central Regional Healthcare Emergency Preparedness Coalition (RHEP)

<https://www.cotshealth.org/home>

Northern Virginia Emergency Response: An Emergency Preparedness Coalition

<https://www.nvers.org/>

Children's Emergency Care Alliance (Tennessee) CECTN

<https://cecatn.org/>

Michigan Pediatric Care Coordinating Center

<https://sites.google.com/umich.edu/mi-pcccexercise/home>

Coyote Crisis Collaborative (Arizona)

<https://coyotecampaign.org/>

Western Regional Burn Disaster Consortium

<https://crisisstandardsofcare.utah.edu/>

Eastern Regional Burn Disaster Consortium

<https://www.burndisasterconsortium.com/main/home.aspx>

Southern California Pediatric Disaster Coalition

<https://twitter.com/SCPDC2>

Disaster-Related Coalitions (Source: American Academy of Pediatrics)

<https://bit.ly/3cvuP9V>

NYC Pediatric Disaster Coalition

<http://www.programinfosite.com/pdc/>

Northwest Region Healthcare Coalition in Virginia

<http://nwrhcc.org/>

Arizona Pediatric Disaster Coalition

<http://apdcaz.org/>

Kids in Disasters Working Group in Orange County, California

<http://www.healthdisasteroc.org/prepare/functional/kids>

NPDC Core Activities

Quarterly Executive and Liaison Meetings

NPDC has hosted in person executive committee meetings annually at the annual National Healthcare Coalition Preparedness Conference (NHCCPC) from 2016 thru 2019. During these annual meetings executive members and liaisons update each other on opportunities, activities, projects, and challenges important to the NPDC mission.

During Covid NPDC established one-hour virtual (via zoom) meetings on a quarterly basis with the NHCCPC conference being an in-person meeting. During these short meetings members could share updates on pediatric disaster initiatives as well as challenges. As NPDC activities were conducted virtually the opportunity to engage liaisons and SMEs from other disciplines in pediatric disaster information sharing was expanded. As of 2019 liaisons were established with the National Center for Disaster Preparedness Columbia University, Child Life Disaster Relief, and the Association of Respiratory Therapists. The virtual meetings typically includes a short presentation on a special topic such as the efforts of an organization or a under-represented pediatric disaster population.

Over the years NPDC listserv information sharing has facilitated important awareness and support among public-private partners. NPDC most recent focus has been to support the work of Dr. Kay Daniels Maternal Infant Working Group who is currently creating a best practice playbook for OB/NICU facilities.

Several members of NPDC and Pediatric Disaster Centers of Excellence are contributing to this effort including Dr. Ron Cohen Neonatologist at Stanford. NPDC has committed to support dissemination of the project and has recommended to ASPR TRACIE to have a series of webinars to assist with the dissemination of the playbook best practices when it is complete.

Giving a Voice to Under-Represented Pediatric Populations



**Perinatal and Neonatal
Disaster Readiness**

**Maternal Infant Working Group
Update**

**Dr. Kay Daniels OB
Stanford Health Services**

National Healthcare Coalition Preparedness Conference

NPDC has been an advocate for the inclusion of children at the National Healthcare Coalition Preparedness Conference since 2016 and over the years has been successful with influencing conference planners on the importance of having a selection of pediatric content and pediatric track of disaster related presentations. NPDC Chair Dr. Michael Frogel has worked directly with conference planners responsible on pediatric abstract selection for the conference. During the conference NPDC hosts the pediatric meet and greet an educational luncheon that promotes collaboration between pediatric disaster SMEs and healthcare coalition community at large. The conference serves as a forum for NPDC and others to have informal discussions ASPR leadership.

NPDC Listserv

The NPDC listserv has existed since 2016 and consists of a simple email that shares “one” topic addressing a current issue, education opportunity or resource on pediatric disaster emergency management. The listserv participants represent members of the NPDC Coalition. These individuals reach out to NPDC to request assistance periodically:

1. Assist in dissemination of information such as a webinar or event.
 - a. This is done via the NPDC listserv, network of partners and social media.
2. Provide pediatric disaster resources to assist with a local or workgroup project.
 - a. This is done through compiling a curated list of resources after a phone consultation to clarify the need.
 - b. Example: Public Health Project Manager requested assistance regarding pediatric disaster readiness resources for a health fair.
3. Provide an electronic introduction to a subject matter expert.
 - a. This is conducted via our NPDC executive members and relationships with SMEs.
 - b. Example: Conference planner requesting recommendations for a speaker for a virtual conference.
4. Identify an issue to support an immediate need after an incident or during a real-world disaster.
 - a. This typically results in the need to consult with our executive member SMEs for recommendations.
 - i. In response to the earthquake in Turkey, A pediatric anesthesia colleague reached out to NPDC for just-in-time first responder pediatric care resources. NPDC was able to rapidly respond by compiling a list of curated resources with the assistance of executive members.
5. Provide strategies and encouragement to those who have little local or organizational support for the inclusion of children in emergency management efforts.
 - a. This is done via a phone outreach and listening to the individual’s needs and challenges then offering information, support, and validation.

NPDC listserv content focuses primarily on immediate operational needs of real-world events that are occurring in communities and in response to requests from our listserv members. Listserv members reflect diverse communities and represent students, parents, public health workers and officials, pediatric nurses, physicians, schools, childcare, prehospital, ambulatory care, emergency management, law enforcement, and the disability community. Content is aligned with pediatric every day or disaster readiness, just in time training and family/community preparedness activities. NPDC responds to real world events providing situation awareness and information. Listserv resources represent trusted, vetted, open access materials developed by local, regional, state, and federal organizations. NPDC does not share resources that are behind a paywall. On occasion there is a request to share or promote a resource from a vendor or a paywall entity which NPDC respectfully declines.

The listserv community is inclusive and open to anyone regardless of discipline who requests membership website. There are no fees, paywalls, portals, requirements, and it is not unusual to get an email response from members of the listserv on how a resource has helped the individual.

Joining the listserv is completely voluntary however it comes with the expectation that if the topic shared does not apply to the listserv members immediate needs that the recipient will pass it on to an appropriate individual or group within their community. Listserv members can opt out at any time and promotion of the listserv is based on word of mouth and the NPDC website. Over 720 individuals are currently active on the NPDC listserv.

NPDC Pediatric Disaster Repository

NPDC has a very large repository of pediatric related disaster clinical and emergency management content collected from local, state, and national trusted sources since 2016. The materials exist in a Dropbox repository and curation is done by the Vice Chair in response to requests for information. Over the years curated versions of these materials have been shared with ASPR TRACIE, AAP, EIIC, Pediatric Disaster Centers of Excellence and the Pediatric Pandemic Network as well as local emergency managers, public health leaders and state EMSC leadership. The repository serves as the administrative library of early drafts of the NPDC charter, feedback on the initial National Pediatric Disaster Coalition Conference after-action, minutes from NPDC meetings, correspondence, draft grant and project documents, letters of support for partners. It was the early NPDC leadership work on regional metrics that was shared with the Region V for Kids Pediatric Disaster Center of Excellence to inform the Regional Metric Workgroup.

Social Media

NPDC established a very small and passive social media presence on Facebook and Twitter in 2016. This was initially run by one of the NPDC listserv members. In 2019 NPDC expanded its social media presence and activity on Twitter and Facebook expanding activity to LinkedIn, Instagram, and POST. Twitter is well known to emergency managers as an important real time communication sharing platform. During the COVID pandemic and pediatric surge crisis NPDC social media presence markedly expanded representing over 1,100 multidiscipline pediatric, emergency management, disaster partners and influencers as of May 2023. Social media has proven to be a critical tool in supporting pediatric disaster just in time information sharing but also establishing community engagement across disaster preparedness disciplines who do not routinely include children in their efforts. As of May 2023, NPDC social media organizational followers and influencers have a combined reach of well over 3 million with key followers like OpenPediatrics, NACCHO, EIIC, Global Crisis Management, ENA, CBRN Responder, IAEM chapters, American Burn Association and four key FEMA regions who like and re-share NPDC open access content from our trusted information community.



In 2022 NPDC social media was used to promote the best practice public benefit CYSHCN family preparedness toolkit with multi-lingual infographics and videos resulting in over 48% increase in resource engagement.



Over 27,500 Impressions 48% Increase in Engagement

National Pediatric Disaster Coalition (NPDC) @npdcoalition · Feb 22

In the event of a disaster, families of children with disabilities need to have a plan in place. Make sure you have essential items packed & ready to go. From the [#RegionVforKids Be Ready Toolkit](#) emscimprovement.center/domains/prepar... pic.twitter.com/VJPtFCGMrB

[View Tweet activity](#)



NPDC social media feedback is featured on the OpenPediatrics website. NPDC regularly shares OpenPediatrics evidenced based multi-media education over the years. During the Pediatric Respiratory Surge NPDC direct messaged OpenPediatrics via our social media to request just-in-time resources to address immediate education needs because of their outstanding respiratory care video training resources. Their response was “we are on it” and subsequently developed the YouTube [playlist of respiratory care](#) pediatric content that was widely distributed by NPDC and will be a legacy resource for respiratory surges in the future.

“The National Pediatric Disaster Coalition frequently points to your platform to encourage pediatric education for first responders and community hospital emergency personnel! We are so glad to have access to this important resource!”

National Pediatric Disaster Coalition

Building Cross Discipline Relationships

Creating Connections via Social Media

Southeast & Caribbean Disaster Resilience Partnership

National Pediatric Disaster Coalition (N... @npdcoalit... · Feb 23 ...
 Thank you, @SCDRP.resilient, for allowing us to introduce ourselves and the great work from @ASPRgov #RegionForKids Multi-language Be Ready Toolkit for Families of Children with Disabilities.
[@emscimprovement.center/domains/prepar...](https://emscimprovement.center/domains/prepar...) @EMSCimprovement @hospitals4kids @iam @fema @AmerAcadPeds



San Diego Healthcare Disaster Coalition

National Pediatric Disaster Coalition (N... @npdcoalit... · Feb 15 ...
 Including children in whole community and health care coalition disaster and emergency preparedness starts and ends with relationships. Today our @npdcoalition Vice Chair @pfromstamis is speaking to the San Diego Healthcare Disaster Coalition! @hospitals4kids @EMSCimprovement ... Show more



FEMA Resilient Nation Partnership

National Pediatric Disaster Coalition (N... @npdcoalit... · Feb 8 ...
 @npdcoalition is a proud new partner of @fema Resilient Nation Partnership Network (RNP). A diverse network of 1600+ helping communities become resilient toward natural hazards, disasters, and climate-related events. Check out the @HazCenter webinar hazards.colorado.edu/training/webin...



Improving Trusted Resource Engagement and Outcomes

Leadership Structure and Roles

NPDC leadership structure has not changed since 2015 due to its volunteer and non-funded status. Instead NPDC has thrived on a legacy of grass roots, informal, non-competitive, and collegial information sharing and relationship building between individuals who are part of well-funded, influential, and leadership within organizations. NPDC executive members are fully engaged in their own organizations and NPDC has benefitted from their informal

participation over the years. These individuals have graciously attended NPDC virtual meetings with regularity, responded to emails for assistance, including feedback on infographics and sharing both opportunities and situation awareness that would otherwise be siloed within programs and organizations. NPDC recognizes that formal organizations have numerous competing priorities involving children while NPDC serves a singular mission of pediatric disaster focused information sharing. Leadership roles and responsibilities have simple expectations by design:

1. A commitment to support the NPDC charter.
2. Advocating for children in disaster through information sharing.
3. Attendance and participation at virtual meetings.
4. Willingness to respond to a request for information from listserv members.

NPDC understands the vital role liaison and executive members who are fully committed to doing this work within their primary organizations. NPDC executive member and liaison leadership is not intended to compete with those responsibilities. NPDC serves the listserv members and benefits from the participation whether large or small of executive and liaison members. In return NPDC provides these individuals with a modest level of recognition outside of their usual role as well as the opportunity to share information with a much larger multi-discipline community.

NPDC Chair: The NPDC Chair acts to support the mission of the NPDC as described in its charter and works with the National Healthcare Coalition Preparedness Conference (NHCCPC) planners to assure that pediatric content is reliably included in the effort and running the pediatric meet and greet at the meeting. The NPDC chair runs the quarterly NPDC meetings that in turn provide situation awareness across organizations of programs, projects, education, and training entities.

NPDC Vice Chair: Acts to organize the quarterly meetings including requests agenda items, sets the agenda in collaboration with the NPDC Chair and executive members. This includes arranging for speakers and taking minutes. Currently the NPDC Vice Chair is also acting as the listserv, website, and social media administrator. However, these tasks are not exclusive to the role. The NPDC Vice Chair serves as the primary point of contact for NPDC organization.

NPDC Executive Members: NPDC executive members are expected to attend quarterly meetings and participate in discussions, information sharing, provide updates on programs and projects supporting children and disaster. NPDC members are expected to respond to communication for assistance from the NPDC leadership and peers. NPDC members are asked to contribute meeting agenda items and provide advice and council as part of discussions. NPDC executive members serve as voting members on any NPDC action items that may arise. Executive members have the responsibility to communicate with the NPDC Vice Chair and Chair on any topic of concern or in the event they no longer are able to participate.

NPDC Liaisons: NPDC liaisons participate in the quarterly meetings as information sharing partners representing other disciplines and serve to support multi-discipline engagement. They are welcome to participate in all NPDC discussions

and activities as their primary role allows. NPDC liaisons are welcome to become executive members as positions become available.

Historical Funding and Budget

The NPDC has benefitted from the generous support of the Coyote Crisis Collaborative Arizona's State Healthcare Coalition since its inception. The National Pediatric Disaster Coalition Conference was funded by that Healthcare Coalition along with the website from 2015 thru 2019. At that time the Coyote Crisis Collaborative transitioned the website maintenance, web domain costs and management to NPDC. Costs for the website have been self-funded with donations from the NPDC Chair and Vice Chair.

Administrative time to run the NPDC listserv, social media and maintain the website is volunteer and currently conducted by the NPDC Vice Chair. There are no stipends or funding for executive committee member or liaison participation. NPDC member outreach and attendance at National conferences is supported by their primary organization or is self-funded.

The current listserv platform uses the [Gaggle platform](#). The online platform provides a no-cost option for up to 1000 participants. The NPDC listserv has a current membership of 726 participants. After 1000 members the plan costs 10 cents per member per month (\$100/month or \$1200/year). To reduce cost NPDC would likely limit the listserv and move to primarily social media for information sharing.

Various improvements to the [NPDC website](#) occurred from 2020-2022 were completed and currently there are no immediate new costs anticipated. The website is dated but functional and easy to maintain. Updates to content occur periodically by the Vice Chair who maintains as the web administrator. NPDC uses Green Media the same entity who created and hosted the website for the Coyote Crisis Collaborative. The website uses WordPress and maintenance costs includes regular updates and domain fees. NPDC has explored updating the current website which was estimated to be up to 5000-7000 dollars in 2021.

NPDC Twitter Blue Check (verified status): \$8/month (\$96/year)

Zoom Subscription \$149 annual + \$10-month (\$120) recording (\$269)

Website Maintenance \$ 400-600 year

CANVA social media creator subscription \$55.50 annually

Total Annual Expenses: \$820/year

Annual donated administrative time (approximately 17.5 hours per week)

Social media and Listserv Mgt 1.5 hours per day (10.5 hours per week)

Executive meeting preparation and minutes 3-4 hours quarterly (12 hours/ year)

Miscellaneous administrative outreach and engagement 1 hours per day (7 hours per week)

Total value of NPDC donated admin time (992 hours per year) (\$55/hour) = \$ 50,710

In the event NPDC became a formal corporate organization (e.g., 501c3) funding would be needed to support the administrative activities.

Next Steps

This report summarizes the history and effort of NPDC since 2015 and is designed to inform NPDC executive and liaison members of the organization's history as NPDC explores future opportunities. While NPDC is not positioned to create a corporate structure requiring significant funding, NPDC is positioned to be a key disseminator of best practices through non-competitive collaboration supporting the inclusion of children across all the Emergency Support Functions, FEMA Lifelines, and the Medical Home.

This report has been respectively prepared by Vice Chair Patricia Frost. NPDC executive members and liaisons are invited to send comments or questions regarding this report to Dr. Frogel and Pat Frost.