

GPF FOUNDATION

ANNUAL REPORT

— 2022 —



Saving Lives through Awareness

The GPF Foundation is committed to saving lives by supporting education, appropriate treatment and overall awareness of the dangers related to recreational drug use.

GPF FOUNDATION

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2022 Intern, Lake Forest College

Jissel Rangel Fuentes

2022 Intern, Lake Forest College

Lissette Gonzalez

2022 Intern, Lake Forest College

GPF Foundation Fellows

Rosalind Franklin University
of Medicine and Science

Zabrina Abolarin

Pharmacology - 2022-2023

Jesse Bahrke

Psychology - 2022-2023

IRB Study Manager

Parth Patel

Pharmacology - 2022-2023

Huma Fatima

Pharmacology - 2022-2023

Druti Shukla

Pharmacology - 2022-2023

Past Interns:

Lake Forest College

Imani Downer - 2022 Spring Intern

Kaity Mueller - 2021-2022 Winter & Spring Intern

Emily Wachter - 2021-2022 Doc Film Intern

Haley Bryant - 2021 Spring Intern

Alec Casey - 2021 Outreach & Research Intern

Madison Stevens - 2021 Alumnus Intern

Nell Burgener - 2021 Alumnus Intern

Uche Okeke - 2021 Doc Film Intern

Hira Sadiq - 2021 Design & Illustration Intern

Tianna Beilke - 2020-2021 Alumnus Intern

Belle Tsetilin - 2020 Summer Intern

College of Lake County

Alyssa Kwiatkowski - 2020-2021 Graphic Design Intern

Past Fellows:

Rosalind Franklin University of
Medicine and Science

Alaa Hajeissa - Psychiatry - 2021-2022

Jeremy Foreman - Medicine - 2021-2022

Aayush Boddu - Medicine - 2021-2022

Hamed Shafiuddin - Psychiatry - 2021-2022

Marianne Chirica - Psychology - 2020-2021

Taylor Macaulay - Psychology - 2020-2021

Sam Vincent - Psychology - 2020-2021

Dagmara Zajac - Pharmacology - 2020-2021

Lexie Kessler - Medicine - 2019-2020

Hamad Hussain - Medicine - 2019-2020

Alex Woods - Medicine - 2019-2020

MEDICAL

Dr. James Dolan
GPF Foundation Board Advisor
& Medical Initiative Architect

Dr. Jerrold B. Leikin

Emergency Medicine Physician; NorthShore University Health System and Ann and Robert H. Lurie Children's Hospital of Chicago; Senior Editor of Disease-A-Month; Dual Professorship at Northwestern Memorial Hospital and Rush Presbyterian St. Lukes

Dr. Lisa Rosenthal

Chief of the Division of Consultation Psychiatry and Associate Vice Chair for Clinical Affairs in the Department of Psychiatry and Behavioral Sciences at Northwestern University; Director of the Northwestern University Fellowship in Consultation Liaison Psychiatry; Psychiatry at Northwestern Hospital

Dr. Michelle Sergel

Emergency Medicine Physician at John H. Stroger Hospital; Simulation Fellowship Director, Site Director at John H. Stroger, Jr. Hospital of Cook County

Jim Carlson

Vice President for Interprofessional Education and Simulation at Rosalind Franklin University of Medicine and Science

Ben Feinzimer

DO, MS, FACEP; Physician Lead, Skokie Hospital; EMS Medical Director IL Region X - Highland Park Hospital

Emily Mysel

MSW, LCSW
Senior Program Manager, Family Service of Glencoe

Dr. Michael Nelson

Emergency Medicine Physician at John H. Stroger, Jr. Hospital of Cook County

Dr. Kaitlyn Kunstman

Psychiatry at Northwestern Hospital

Dr. Ashlea Winfield

Emergency Medicine Physician at John H. Stroger, Jr. Hospital of Cook County

Dr. Robin Dyer

Internal Medicine Specialist and Clinical Instructor at Rosalind Franklin University of Medicine and Science

MEDICAL ADVISORS

Dr. Steven Aks

Emergency Medicine Physician at John H. Stroger, Jr. Hospital of Cook County; Toxicology Director, Department of Emergency Medicine

Dr. Ronald Himmelman

GPF Foundation Board Advisor; Internal and Emergency Medicine Specialist at Northshore University Healthsystem and Evanston Hospital

Dr. Joseph Kennedy

Medical Toxicology Specialist at University of Illinois Medical Center

Dr. Marit Tweet

Emergency Medicine Physician at University of Illinois Hospital & Health Sciences System; Assistant Professor of Emergency Medicine at SIU School of Medicine

Dr. Michael S. Wahl

Emergency Medicine Physician at Northshore University Health System-Metro Chicago

Dr. Ernie Wang

Cheif of Emergency Medicine at Northshore University Healthsystem

Dr. Michael Witkovsky

GPF Foundation Board Advisor; Psychiatry and Emergency Medicine Advisor; Mendota Mental Health Institute, University of Wisconsin

Dr. Leslie S. Zun

Emergency Medicine Physician at Mount Sinai Hospital-Chicago and Holy Cross Hospital-Chicago; Medical Director at Lake County Health Department and Community Health Center

MEDICAL AUTHORS

Jesse Bahrke
Aayush Boddu
Jeremy Foreman
Austin Hopkins
Lexie Kessler

Dr. Kaitlyn Kunstman
Taylor Macaulay
Dr. Steven Miller
Sam Vincent
Dagmara Zajac

ADVISORY BOARD MEMBERS

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Ray Hartshorne
Jill Heller
Dr. Ron Himmelman

Eugene Hotchkiss
Rimas Kapacinskas
Christine (Cricket) E. Kelly
Lauren Major
Joanne Nemerovski
Diane Quon
Lynda Robbins
Joanna Rolek
Hillary Rosenfeld
Rob Rosenfeld
Mark Shapiro
Hon. Christopher Stride
Dr. Matthew Wendt
Dr. Michael Witkovsky




The GPF Foundation's Board of Directors;
Not Pictured: Mike Nerheim, Kevin Gazley and Lise Eliot

2022

ACCOMPLISHMENTS

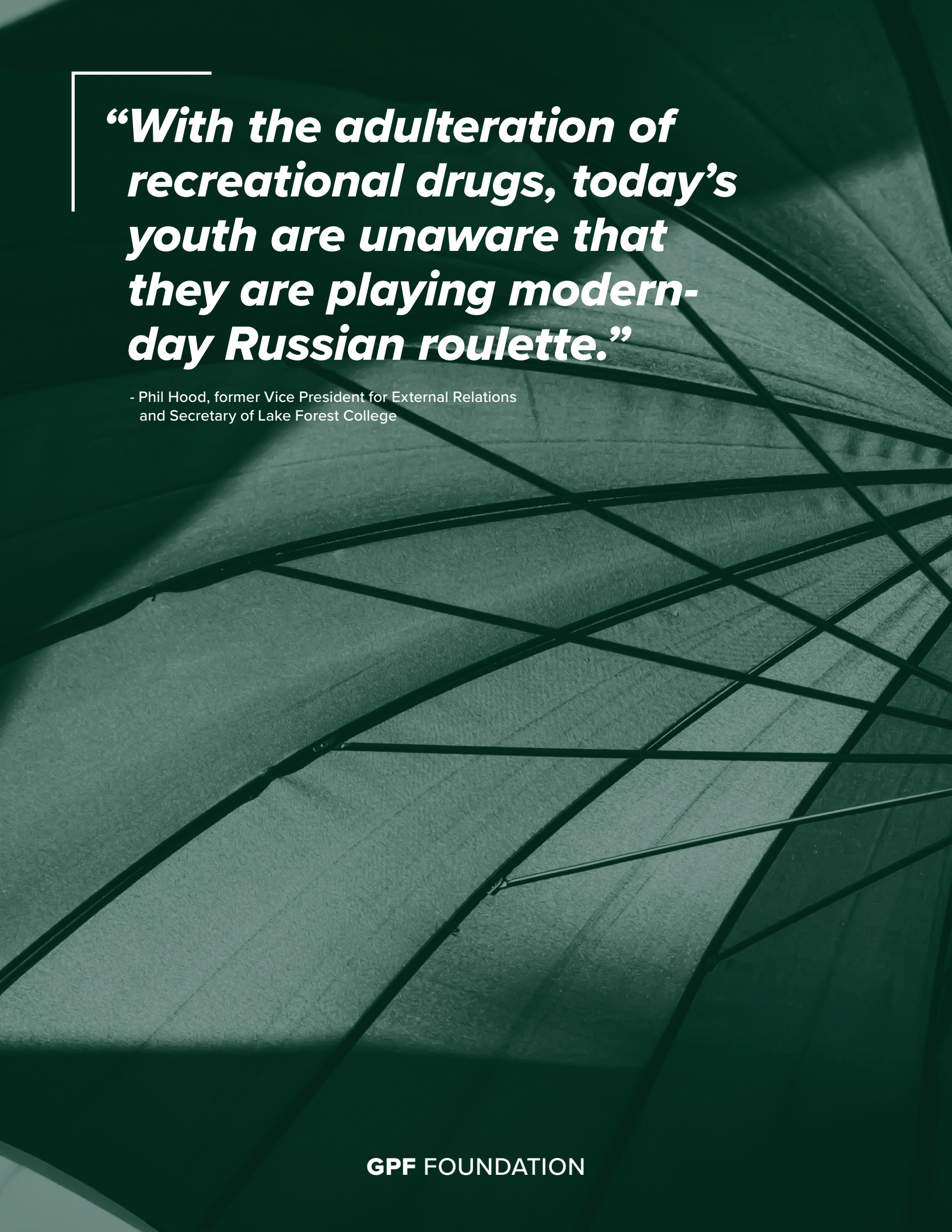
2023

GOALS



**2022
&
2023**

**EDUCATIONAL
INITIATIVE**



“With the adulteration of recreational drugs, today’s youth are unaware that they are playing modern-day Russian roulette.”

- Phil Hood, former Vice President for External Relations and Secretary of Lake Forest College

EDUCATIONAL INITIATIVE

2022 was a pivotal year in the development and reach of the GPF Foundation's Educational Initiative.

Since our inception we have been committed to saving lives by supporting education, appropriate treatment and overall awareness of the dangers related to recreational drug use. In practice, this was realized exclusively by teaching about MDMA and its adulteration. This focus was a deeply meaningful reflection of Greg's tragic experience with ingesting what he believed was pure MDMA, but was in fact an adulterated mix of substances.

Our first presentation was February 3, 2020 at Lake Forest College (LFC) for leadership of the College's Student Life, Health and Wellness, Counseling, and Peer Advocates. It was a resounding success, and an auspicious start to the Foundation's public engagement. It prompted LFC's Student Life leadership to request we create a presentation, and educational materials, for a much broader range of substances than MDMA for the education of the entire incoming student body. Given the nascent stage of the Educational Initiative, the Foundation, and the more-than-year-long effort to create an evidence-based presentation solely on MDMA, we respectfully declined the opportunity for the time being.

Nonetheless, our plans continued developing with LFC leadership, including a follow-up focus group to be held on March 26, 2020. Unfortunately, this never took place due to the global pandemic. Instead we, along with the rest of the world, adapted to a radically new environment.

Out of this circumstance, we settled into a Zoom-only presentation format. This was a significant undertaking but ultimately one that allowed us to reach students across LFC, including their athletics department, sororities, psychology department, and student body at-large. By June of 2020 we were in talks with Dr. Steven Miller of Rosalind Franklin University (RFUMS) to conduct a longitudinal study of the efficacy of this Zoom-based presentation. In early 2021 the study was launched. (You can read about the findings of this study in the Association for Psychological Science section of this Report on page 14.)

Over the following year we continued to make presentations, as part of the study, at College of Lake County, Lake County States Attorney's Office, Highwood Public Library, Tri-Delta's National Meeting and Highland Park High School. Results comparing pre- and post test knowledge of MDMA, and adulteration, demonstrated participant awareness of vital information needed to stay safe consistently grew from only 20% up to 90% correct.

Along with these adaptations and successes, we also found a couple consistent barriers to widespread institutional access:

1. We received feedback that the presentation and approach was excellent but the scope of knowledge covered was too narrow for limited organizational resources to support its incorporation i.e. the use of other substances (alcohol, cannabis, cocaine and others) were far more prevalent amongst members of their group.
2. Organizations did not feel they could justify to their community at-large, including parents and guardians, a presentation about a substance (MDMA) that there was not already open acceptance as something

that “their kids” might encounter or use; or, leadership had an ingrained resistance to the harm-reduction-education-and-awareness philosophy of the Foundation.

Sadly, to this day, even in an age of widespread adulteration of all manner of recreational substances with deadly adulterants like fentanyl, there remain significant community organizations (i.e. schools, youth groups, public health organizations) that refuse to acknowledge this reality. Instead they hew steadfastly to an educational approach which denies their youth the opportunity to learn and discuss openly and honestly the circumstances and substances they and their peers will encounter across the United States.

With this hard-won experience in the field, in June of 2022 the Foundation Board approved expansion of our Educational Initiative to more completely fulfill our mission and address a broader range of recreational substances than MDMA. Undertaking this guidance,

we developed and made the first in-person presentation of our updated educational programming on December 6, 2022 at a gathering of LFC’s Latina empowerment group, UNIDAS. After nearly three years of growth and experience, it was a tremendously gratifying experience.

Looking forward to 2023, drawing inspiration from the extraordinary reach of the Foundation’s Full Code module, (Please read about Full Code in the Medical Initiative section of this Report on page 19), we are excited to bring this presentation to much larger audiences in-person, and via directly accessible online platforms.

Perhaps, the most significant endorsement of this updated approach to-date came from faculty advisor for UNIDAS, Assistant Professor of Spanish in the Department of Modern Languages and Literatures, Marilén Loyola Ph.D., after watching her students, and GPF Interns, make the inaugural presentation in December:



The most compelling part of the presentation is the idea of accepting that (young) people will be faced with the choice of whether to do drugs. Also, that the goal of your organization is to make sure that people are as informed as possible when making that decision. Thank you for presenting such important work and for fostering these conversations on campus. Great work!!



FIRST RESPONDER EDUCATION ANTICIPATED TO LAUNCH IN 2023

Thanks to ongoing relationships between the leadership of GPFF and the Lake County Chiefs of Police Association (LCCPA) initiated through Board Member, GPFF Harm Reduction Award Recipient, and former Lake County State's Attorney, Mike Nerheim, we are looking forward to educating police officers on how they can best identify and obtain help for people experiencing substance-related emergencies.

In partnership with Ben Feinzimer, DO, MS, FACEP, Physician Lead - Skokie Hospital, EMS Medical Director, IL Region X - Highland Park Hospital, and Emily Mysel, MSW, LCSW, Senior Program Manager, Family Service of Glencoe, this training will ensure that basic knowledge of the symptoms of adulterated recreational drug ingestion and critical next steps are accessible to those who most frequently encounter such medical emergencies.

This educational programming will also incorporate the work, research, and insights



Emily Mysel



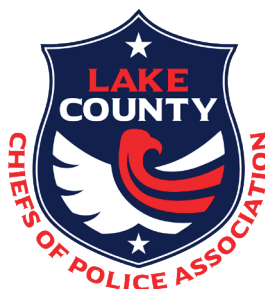
Mike Nerheim

generated by generous pro-bono work done by Michele Rabenda, Sheila King and Mary MacLaren of Sheila King Public Relations, and the expertise and coordination of Pamela Pauly, RN, BSN, TNS Assistant EMS System Coordinator Emergency Medical Services NorthShore University Health System Highland Park Hospital EMS System.

The combined efforts, expertise and work of this remarkable team mean that their investments in training those working at the front lines will create an environment of greater safety and increased trust across communities and among all Lake County residents thereby furthering LCCPA's mission to advance their professional development and GPFF's to save lives through education and awareness.



Ben Feinzimer showcases NorthShore University Physician Response Vehicle program ready for deployment.



2022 INTERNS BREAK NEW GROUND

For the first time since 2020 the GPF Foundation had the opportunity to bring its educational programming to an in-person setting and this year's interns were at the heart of that effort. Moreover, in addition to being in-person, this presentation was the first of our updated programming content addressing recreational substances beyond MDMA. Both of these significant undertakings were made possible by a many months long collaboration between our interns, Foundation leadership, the Board, and our partners at Lake Forest College.

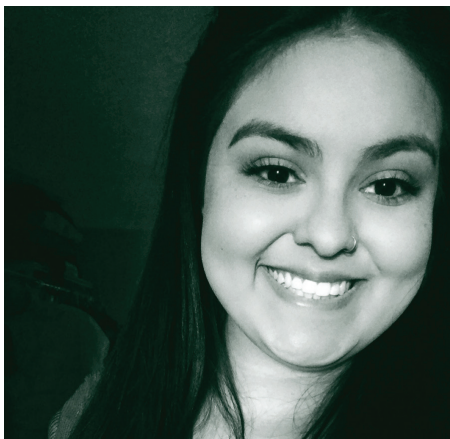
This type of collaborative teamwork is representative of most of the Foundation's efforts, and in this case interns who had been with the Foundation for less than half a year were able to play such an integral role because of their preparation from participation in ongoing Foundation projects and research from the start of their internship. Specifically, before attempting to engage with the significant task of building a new presentation, they had

all undergone CITI training, been approved to participate in the Foundation's IRB study at Rosalind Franklin University, reached out to members of their own communities about presenting, and taken on independent research projects that required them to engage with and distill information from peer-reviewed scientific journals, and conduct primary source interviews, including with members of the King County Coroner's Office in Seattle, WA about the impact of adulterated recreational substances on deaths in the area.

The rigor and challenges of this work were meaningful for them and required them all to stretch beyond the limits of their previous academic, professional, and personal experiences. As a testament to their fortitude, and the depth of the Foundation's investment in educating and preparing the next generation of researchers, scientists, and public health advocates and professionals the results for them and the Foundation were outstanding.



2022 INTERNS BREAK NEW GROUND



Jissel Rangel Fuentes — *GPFF Intern 2022*

I am now a better presenter, know how to manage a project such as the UNIDAS presentation, and have a greater understanding of drug education. I know the foundation will continue to make a great impact on people's lives. Thank you so much for allowing me to be part of the team.



Lisette Gonzalez — *GPFF Intern 2022*

I can confidently say I wouldn't have grown and learned as much as I have these past 5 months without your constant feedback, support, guidance, and mentorship. I'm so grateful for the advice and experience you all gave me, and especially enjoyed working together to create an impactful informational presentation on the dangers related to recreational drug use. It was an honor to be a part of an amazing organization to spread Greg's story. Thanks again for this incredible internship, and I wish you and The GPF Foundation team all the best.



Nabah Sultan — *GPFF Intern 2022*

In just a single semester, you taught me about topics which everyone should be informed on: what recreational drugs are, effects of using recreational drugs like MDMA, adulteration of MDMA, and so much more.

This internship has impacted me in numerous ways...I've been able to use this knowledge and share it with my peers, family, and friends on ways they can stay informed.

This past week, giving a psychology final presentation, I felt significantly more comfortable speaking in front of an audience and was even complimented for these new acquired speech skills by my professor. By working alongside my peers on the IRB MDMA Study to help make an impact by raising awareness, this experience has taught me to be comfortable in my own skin giving presentations.

Thank you for not only assisting me to reach my learning plan goals, but pushing me to go beyond them and chase matters which pull my curiosity. I promise to stay connected with the GPF Foundation, use the new skills and goals I've obtained, and try my hardest to shine Greg's message on others.

GPFF FELLOWSHIP CONTINUES STRONG

2022 marked the start of the fourth class of Fellows at Rosalind Franklin University

The Fellowship program continues to attract leaders of the student body who are at the top of their class and highly engaged in professional activities in their fields. Although we have always had more applicants than available spots, due to the extraordinary strength of this year's candidates and their desire to be part of and do work to advance the GPF Foundation's culture and mission it has lead us to expand the size of the Fellowship to five Fellows in 2022-23.

Beyond the immediate satisfaction and intrinsic rewards of working with a dynamic and caring group of professionals dedicated to addressing an urgent and pervasive public health crisis, we believe one of the reasons for this growing interest in the Fellowship are the unique scientific and professional opportunities available through the Foundation's multi-faceted and growing network of partners and

relationships. As ongoing participants in the Foundation's activities, Fellows have been able to author articles for leading professional publications Disease-A-Month and Pediatric Annals, present findings at the internationally-recognized and attended Association for Psychological Science conference, work on IRB-approved studies, and be publicly recognized in media coverage of the Foundation and its work, including a specific profile piece about GPF Foundation Fellows.

Last but not least, perhaps the most telling indicator of the mutual value of the Fellowship program to the Fellows, and the Foundation, is that a member of the inaugural class of Fellows, three years after their Fellowship officially ended, has continued to stay regularly involved and become a member of the Foundation's Board of Directors.



GPFF FELLOWSHIP CONTINUES STRONG

2022 marked the start of the
fourth class of Fellows at
Rosalind Franklin University



Zabrina Abolarin — 2022/23 Fellow

Zabrina is a third-year Doctor of Pharmacy student at Rosalind Franklin University. She looks forward to increasing opportunities to connect with the local community in sharing the mission of the GPF Foundation and providing real-world education on the risks of recreational drug use. Considering post-graduate plans, Zabrina plans to pursue interests in pediatrics and emergency medicine.



Jesse Bahrke — 2022/23 Fellow

Jesse is a PhD student at Rosalind Franklin University studying clinical psychology. Originally from the suburbs of Chicago, Jesse was drawn to the GPF Foundation's mission of informing individuals on the risks of recreational drug use. Jesse has seen first hand the harm that can occur in this space, and as a fellow wishes to share accurate information to the public. In his free time he likes to read, workout, and mountain bike.



Huma Fatima — 2022/23 Fellow

Huma Fatima is a fourth-year Doctor of Pharmacy student at Rosalind Franklin University. She was born and raised in the Chicagoland area. Huma was attracted to the GPF Foundation after reading Greg's story and the program's approach for harm reduction and education to the youth. She has seen first hand the harm of recreational drug use and as a fellow hopes to connect with the community to provide proper education and awareness.



Parth Patel — 2022/23 Fellow

Parth is a third year Doctor of Pharmacy student at Rosalind Franklin University. Joining this foundation has motivated him to spread awareness of recreation drug use to young adults and adolescents. As a student pharmacist, he wants to motivate people and make them aware of drug abuse and their adverse reactions from it. At Rosalind Franklin University of Medicine and Science, he is the communication officer of the Specialty Pharmacy Organization and Historian of Polish American Healthcare Professionals Association.



Druti Shukla — 2022/23 Fellow

Druti is a third-year PharmD/MHA student. At Rosalind Franklin University of Medicine and Science, she is the Vice President of the Illinois Council of Health-System Professionals (ICHSP), Director of Professional Programming for Industry Pharmacy Organization (IPHO), Historian for Kappa Psi Pharmaceutical Fraternity, and Secretary for the Class of 2024. Druti is looking forward to doing research on how to improve healthy decision making and the drug adulteration around the community.

EDUCATIONAL PROGRAMMING

GPF Educational Programming Leads to Significant Increase in Knowledge About MDMA Presented at the Association for Psychological Science

On May 27th a team of researchers led by Dr. Steven Miller presented the findings of the first part of the longitudinal study of the efficacy of the GPF Foundation's educational programming at the internationally attended Association for Psychological Science (APS) held at the Hyatt Regency in downtown Chicago. As their website states, "the APS Annual Convention is the premier global event in psychological science, providing a forum to share scientific findings and ideas."

This occasion was exciting not only due to the nature of the event, but also as a milestone for the GPF Foundation Fellows and interns who worked diligently for almost two years on the study, and most significantly, because of the nature of the findings. Lead author, and GPF Foundation Fellow, Dagmara Zajac spoke with researchers, clinicians, and students from

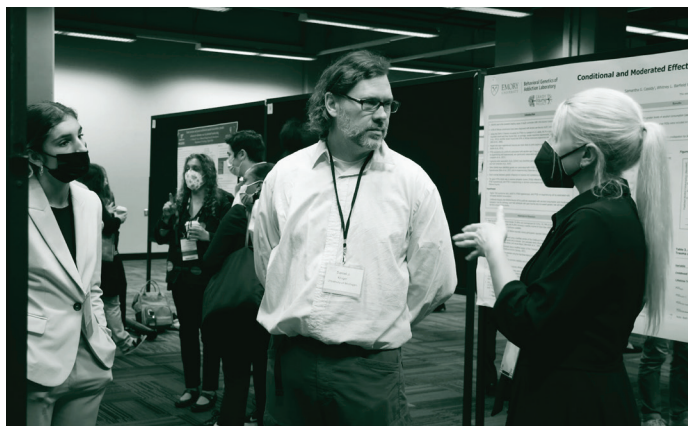


Dr. Steven Miller speaks about the research findings.

around the world about the demonstrable lasting increase in MDMA knowledge amongst health profession students due to the GPF Foundation's educational sessions.

GPFF intern Madison Stevens was also in attendance helping to explain the study's findings, after working as an undergraduate on the management and analysis of the study's underlying data. Other authors on the study included GPFF intern, (and now Ph.D. candidate in Psychology), Belle Tseitlin, GPFF Fellows Taylor Macaulay and Samuel Vincent, and the designer, and Primary Investigator, of the study, Dr. Steven Miller.

You can watch them at APS sharing their findings with scientists from around the world here: <https://www.youtube.com/watch?v=AwdPDkbXr6M>



Left to Right: Madison Stevens, Dan Kruger, and Dagmara Zajac

"What we found, through this study, is that educational group sessions can significantly increase students knowledge of MDMA in a lasting manner"

Dagmara Zajac - Lead Author, Rosalind Franklin University, Pharm.D. Candidate, 2023, RFUMS Executive Student Council, *President*

GPFF MEDIA ENGAGES BROADLY AND PROFOUNDLY

2022 brought the GPF Foundation and its partners to over a quarter of a million viewers through WGN; over 90% of the Lake Forest High School New Media Course opted to spend more than a month working to create outreach videos for the Foundation; and the Teen Advisory Board at the Highwood Library participated in our educational programming and then delved into a detailed focus group conversation about the GPFF harm reduction approach and materials, and why they stood out to them so positively. These are a few of the highlights of our use of media to help spread a message and ethos of education and awareness related to recreational substances.

Further coverage of GPFF activities was found in Daily North Shore, the Associated Press, SW Lake, Forest & Bluff, RFUMS' Helix and on FM Radio WRLR 98.3. Through our own social




WGN's Medical Watch covered our announcement of Full Code

media and web channels audience engagement was up over threefold for the year, and our YouTube channel and event livestream continue to provide access to our activities for supporters located across the country and outside the U.S.

Looking forward to 2023 we are collaborating with Highland Park High School students to create media and materials that will support the engagement and education of this critical age group to ensure they are prepared for the time of their lives when they are most likely to encounter recreational substances.

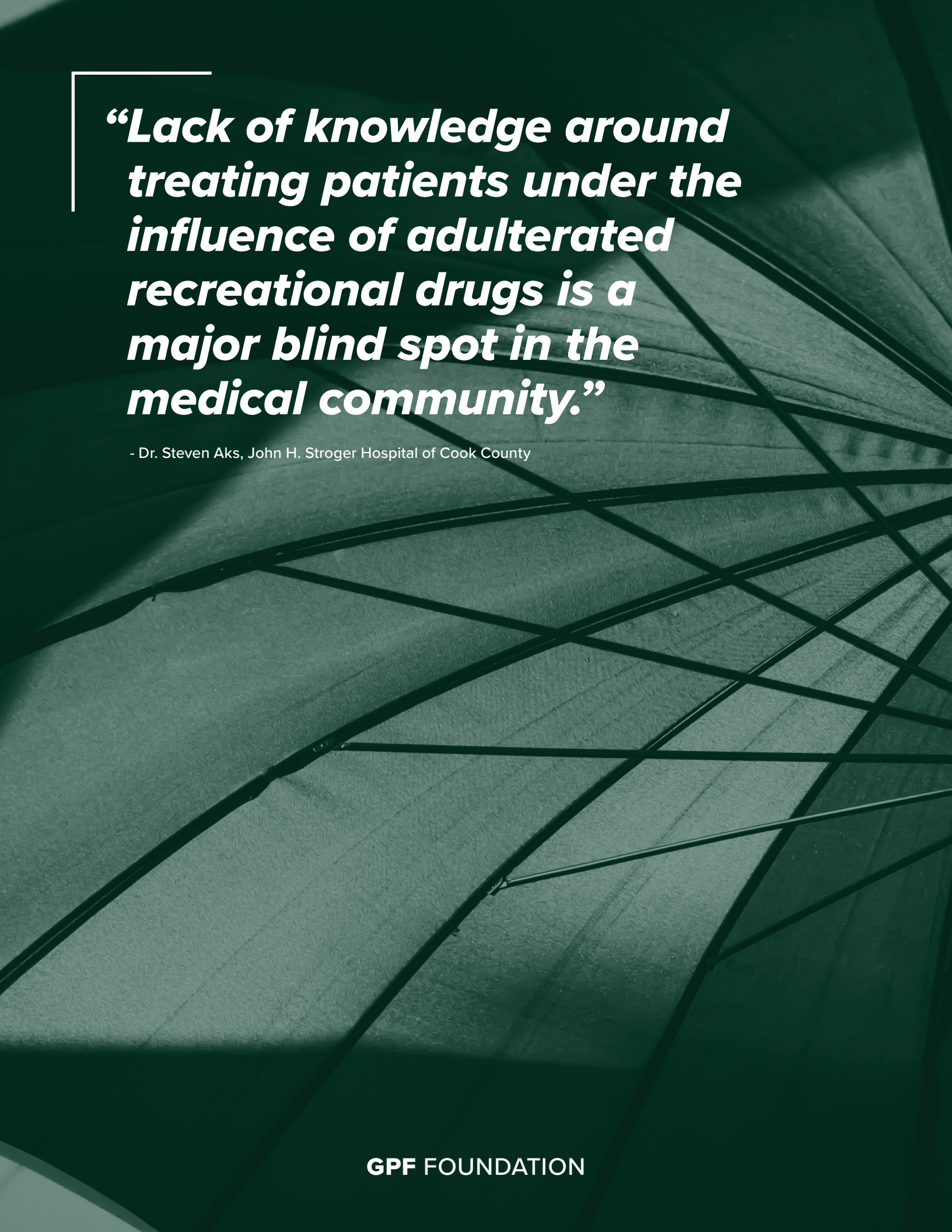


Four of the GPF Foundation Fellows were featured in the June 2022 issue of SW Lake, a family lifestyle magazine based in Lake County (IL).



**2022
&
2023**

**MEDICAL
INITIATIVE**



“Lack of knowledge around treating patients under the influence of adulterated recreational drugs is a major blind spot in the medical community.”

- Dr. Steven Aks, John H. Stroger Hospital of Cook County

DISEASE-A-MONTH & PEDIATRIC ANNALS

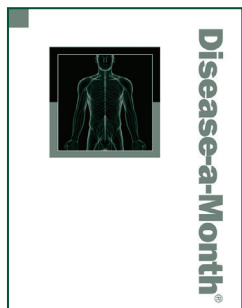
Journal Articles to Educate Medical Practitioners Worldwide

The GPF Foundation has assembled teams of authors to write articles on the diagnosis and treatment of MDMA and psychostimulant-related medical and psychiatric emergencies for Pediatric Annals and Disease-a-Month.

As stated on their website, “Published for over 50 years, Pediatric Annals is a monthly medical review journal dedicated to providing pediatricians and other clinicians with the latest practical information on the diagnosis and treatment of pediatric diseases and disorders. It is a recognized journal indexed in MEDLINE/ PubMed; CINAHL; SCOPUS; EMBase; ProQuest; Current Contents/Clinical Medicine; Science Citation Index; and Journal Citation Reports, Science.”

Likewise, as described by their publisher, Disease-a-Month is “designed for primary care physicians, with each issue presenting an in-depth review of a single topic. In this way, the publication can cover all aspects of the topic - pathophysiology, clinical features of the disease or condition, diagnostic techniques, therapeutic approaches, and prognosis.”

We’re extremely excited to have GPFF Fellows, working with academic and medical partners



PEDIATRIC ANNALS: <https://journals.healio.com/journal/ped>
DISEASE-A-MONTH: <https://www.sciencedirect.com/journal/disease-a-month>

from Rosalind Franklin and Northwestern University, coming together to author, and help guide, doctors around the world to practice medicine in alignment with the most recent evidence-based findings. Ensuring that medical professionals are fully informed has been a key pillar of the Foundations’ Medical Initiative from its inception.

The Pediatric Annals article will address adolescent psychostimulant use for a special issue on Medical Toxicology/Environmental Issues and, as described above, an entire



GPFH Harm Reduction Award recipient & partner, Dr. Jerrold Leikin (left).

forthcoming volume of Disease-a-Month will be focused on MDMA. Both of these opportunities have been made possible by the unique community of students, scholars, and practitioners that comprise the essential fabric of GPFH’s work to prevent loss of life related to recreational substance use due to lack of knowledge amongst the medical community. Special gratitude and recognition is due to GPFH Harm Reduction Award recipient, and partner, Dr. Jerrold Leikin who has invited the Foundation to convene the authorship teams for both of these publications.

FULL CODE MODULE

Full Code Module Educates Over 50,000 Medical Professionals & Students Worldwide on Diagnosing and Treating Recreational Substance Emergencies

Sometimes it takes years to have an overnight success. The GPF Foundation has been working with medical professionals to create interactive simulations for the education of their colleagues and students since 2020. These incredible partnerships have given us the privilege of collaborating with experts in the diagnosis and treatment of substance-induced emergencies at Cook County Hospital, Rush University Medical Center, Northwestern Hospital and Rosalind Franklin University (RFUMS).

This work has resulted in the creation of a choose-your-own-adventure simulator for ER Doctors, a 30-page multiple-choice narrative covering the long-term diagnosis and management of care for a patient with substance-induced psychosis between a Primary Care Physician and Psychiatrist, and a module on the #1 medical simulation app on the App Store, Full Code.

As we continue to develop and identify options for the distribution of the choose-your-own-adventure and multiple-choice narrative, our work with Rosalind Franklin got an unexpected and rapid boost thanks to their pre-existing relationship and role as an authoring institution for Full Code Medical Simulation. This allowed RFUMS' Jim Carlson and Robin Dyer (<https://www.rosalindfranklin.edu/academics/faculty/james-carlson/> & <https://www.rosalindfranklin.edu/academics/faculty/robin-l-dyer/>) to author

the case directly on the app. After peer review and internal review at Full Code the case went live on the App Store, Google Play and the GPF Website.

Less than one year after its launch it has over 50,000 verified completions to date by doctors, physician assistants, nurses, emergency medical technicians and medical students around the world including Africa, the Americas, Asia, Europe and the Middle East. Thanks to the generosity and vision of our partners at RFUMS and the Full Code team (<https://fullcodemedical.com/about-us/>) this case identifies the GPF Foundation's role in its creation, and is being made available for free thereby ensuring that through them, and their global community of learners, our mission to spread life-saving education and awareness to help change the practice of medicine is truly being fulfilled.

To learn from or share our medical simulations: <https://www.gpffoundation.org/simulation>



Dr. Robin Dyer and Dr. Jim Carlson demonstrating the Full Code process in spring 2022.

**2022
&
2023**

**INVESTMENT
& GROWTH**

5TH ANNUAL EVENT: AN EVENING OF DISCOVERY

On October 13, 2022 at Northmoor Country Club a gathering of more than 150 supporters – and hundreds more viewing a livestream feed – learned about progress made on educational and medical initiatives conducted over the last year by the GPF Foundation.



Dr. Brian Greene, American Theoretical Physicist, Columbia University Professor and Co-Founder of the World Science Festival



GPF Foundation 2022 Harm Reduction Award was presented by Dr. Jerrold Leikin to Dr. Wendy Rheault, President & CEO, Rosalind Franklin University

“An Evening of Discovery” featured a keynote address by Dr. Brian Greene, renowned theoretical astrophysicist, and professor at Columbia University (New York). Dr. Greene mesmerized the audience with his thoughts on the origins of time and space and fielded a variety of questions from guests.

Rosalind Franklin University was the recipient of the GPF Foundation 2022 Harm Reduction Award, presented from the podium by last year’s winner, Dr. Jerrold Leikin who highlighted just a few of the many activities that the university has collaborated on with the Foundation in a relationship that dates to 2018 when GPF was launched.

Of note is the Full-Code medical simulation case that has been successfully completed to date 52,048 times worldwide. The case, developed by James Carlson and Dr. Robin Dyer, both of

Rosalind Franklin, allows medical personnel to be immersed virtually in providing care to a patient suffering from an overdose. The simulation allows participants to collect information on the patient’s condition, order diagnostic testing, determine a diagnosis, make treatment decisions, and receive feedback on what was done correctly and areas for improvement.



NFL Hall of Famer Tony Dungy, who was with two Super Bowl winning teams as both a player and coach, made an appearance at the Annual Event. Dungy, currently a football analyst with NBC Sports, graciously agreed to be interviewed on-camera by GPF friend and supporter Mark Carlson (former star quarterback at Deerfield High School and Dungy's teammate at the University of Minnesota).



Nancy and Ross Friedman

Nancy and Ross Friedman provided a fast-moving recap of the Foundation's significant progress to date, including:

- Successful rollouts of comprehensive, peer-to-peer video presentations addressing risks, outcomes, appropriate treatment, and safe zones related to recreational drug dangers.
- Development of educational tools to reach a much larger, and possibly younger audience, utilizing technology.
- Medical initiatives focused on the overwhelming lack of consistency regarding diagnoses and treatment protocols within the medical community. Due to several extraordinary relationships with doctors and hospital systems, positive feedback demonstrates that this a blind spot in the medical community.
- Broadcast news coverage of the successful launch of the simulation case on Full-Code.
- Now the Foundation is considering several large-scale initiatives, including Endowed Medical School Fellowships, Diagnostic Drop-Down Menu Development, Community Outreach & Education, Partnership with Lurie Children's Hospital, and First Responder Training.
- GPF Foundation is meeting its goals, becoming widely known and earning a reputation within the academic and medical communities that allows for greater opportunities for saving lives.



Mark Carlson and Tony Dungy



Lake Forest's Larry Potash, co-news anchor of the Emmy Award winning WGN-TV Morning News, again served as moderator, adroitly keeping all aspects of the evening on schedule and interesting.



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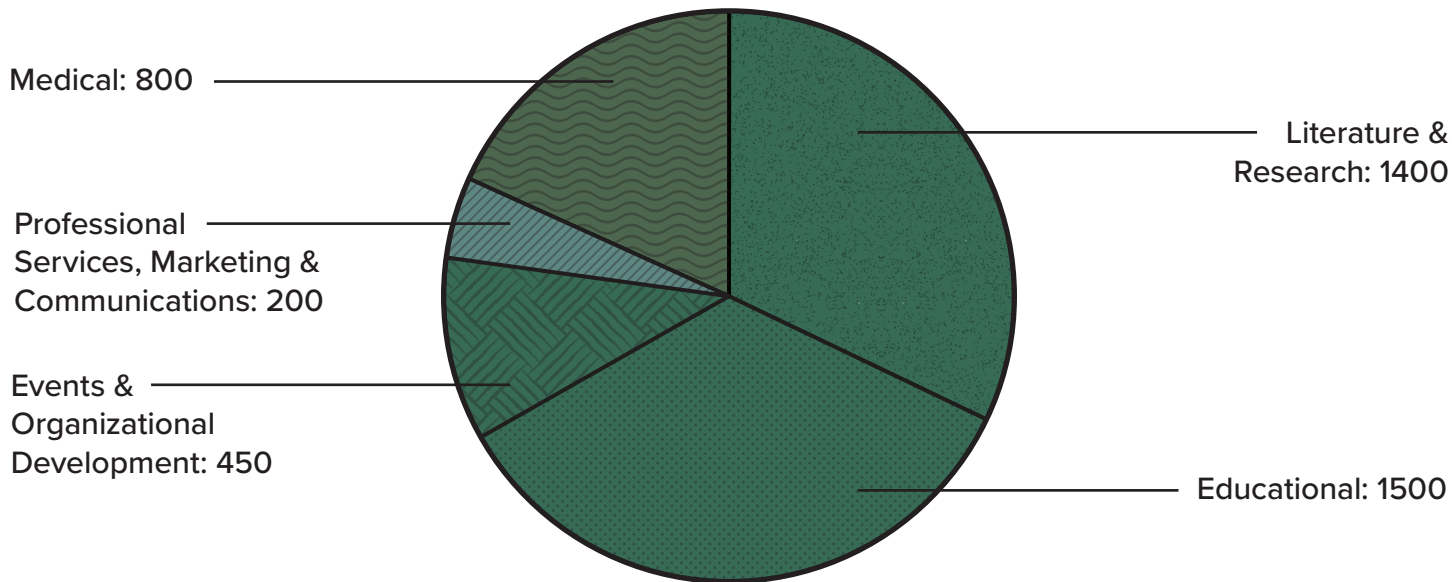


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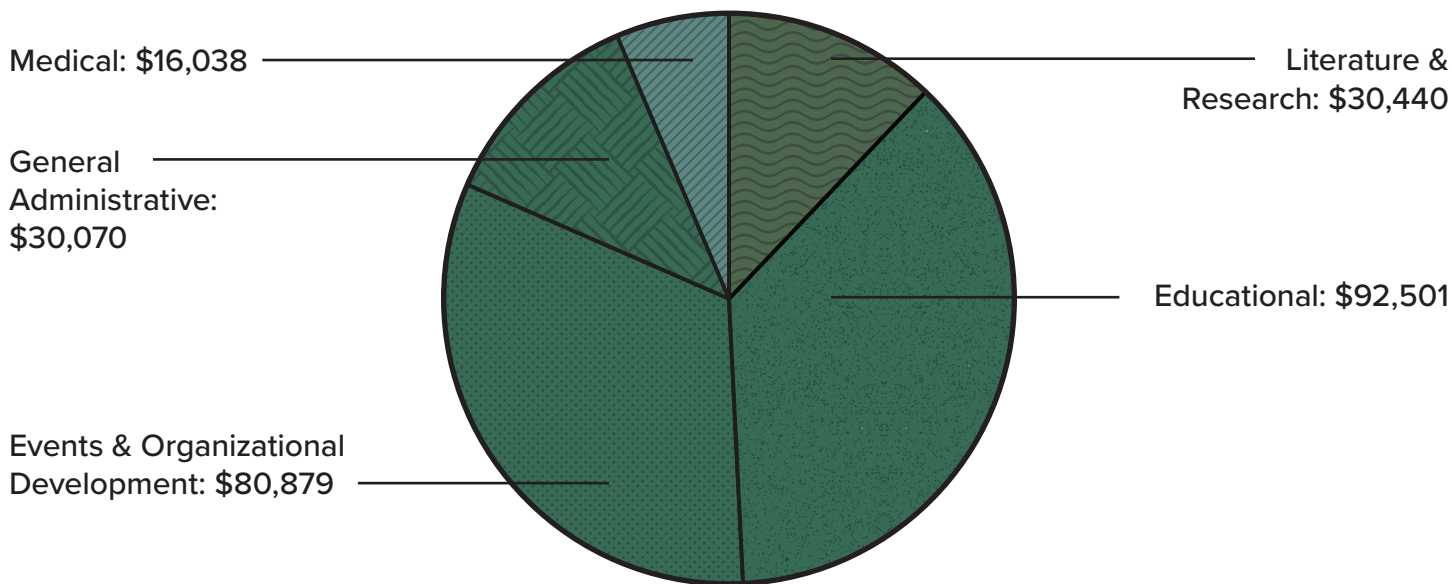
All figures are approximate.

IN-KIND HOURS



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COST EXPENDITURES



TOTAL EXPENDITURES \$250,000
TOTAL REVENUE \$220,000
YEAR END ASSETS \$218,000

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