

NFIM INITIATIVE SERIES:

PROJECT 2



Informatics Platform

Capturing the Evidence



National Foundation for
Integrative Medicine

CHANGING HEALTHCARE WITH 21ST CENTURY SOLUTIONS



Project 2: Informatics/Health Research Platform

PROJECT 2

Objective: Deploy NFIM's world-class informatics platform to all clinical partners for secure health research and clinical record keeping. Will support both clinical evidence collection and normal practice workflows for NFIM clinical partners.

Background: There are superior medical treatments to current standards of care that are under-utilized due to a lack of western evidence. Despite these medical devices being FDA approved, western physicians are not aware creating a barrier to adoption despite their better safety, efficacy and affordability profiles. The lack of medical school teaching these modalities causes physicians to seek higher levels of 'evidence' than they required to adopt the newest pharmaceuticals. Examples of this include LASER and microcurrent treatment for pain instead of prescribing opiates. A recent demonstration by US Air Force and NFIM partners showed that over 90% of pain patients presenting to a community hospital were controlled with energy medicine alone. The military providers immediately began adopting the modalities. They were able to see and experience the results first hand, but transition across the entire western medical community requires evidence for those physicians who do not have the luxury of seeing and learning it first hand.

Problem: Despite many Electronic Medical Record (EMR) and Electronic Health Record (EHR) systems in existence today, none of them are adequate to support NFIM's clinical research. This is understandable as the objective for these older systems is to document and justify financial billing. Hence, the systems today are great for certifying procedures (CPT codes) and billable events. They were conceived and deployed to efficiently bill the trillions of dollars of health care administered, NOT to help physicians or patients get quality care. They still do not arguably add much to quality of care despite today's 'spin' of improvements for all they have cost the profession. If anything they are a major contributor to physician burnout. This platform is different. It was conceived and made by physicians rather than software engineers. These clinicians wanted efficient and easy to use systems to look at population health issues and quickly be able to scan their patients for correlations. Today's popular deployed EMR's are incapable of answering the most basic question for gathering evidence; What was the outcome? Incredulously, it isn't captured in most encounters.

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Project 2: Informatics/Health Research Platform

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Project: NFIM has procured 99-year licenses for both a human and animal informatics platform that was created for population health and research by the government. This platform does capture outcomes and several other key questions to advance knowledge. It is completely web based and has operated in very austere environments without issue. It is robust and very flexible with research registries able to be established in real time at point of care. It is more secure than other platforms with Dept of Defense security architecture integrated from conception. No data has been breached and NFIM will integrate additional measures to insure security well beyond the industry's standard. This web-based platform keeps no patient information on the device whether it's a computer, smart phone or iPad any of which can be used to have patient information. It is a CCHIT and MU (Certification Commission for Health Technology & Meaningful Use) government certified system indicating a that independent seal of approval. NFIM will connect its clinical partners allowing complex multi-centered clinical trials and correlation of large amounts of clinical data for meaningful data aggregation. This is critical in NFIM's strategic goal of transitioning safe and effective technologies in 2 years versus the 17 years that it takes today. This is critical for translational research.

Budget: Project Two requires \$300,000 in the first year for full deployment. This includes paying down the licenses and hosting in a secure HIPAA compliant environment as well as providing training and help desk for initial users. No development is required, as all code has been completed, tested and used in real world clinical environments such as Virginia, West Virginia, Iraq and Afghanistan without issue. The budget is for hosting, integration and deployment. Subsequent budgets are expected to be reduced 50% and partially funded by other NFIM cost centers.

Principles: NFIM seeks to provide providers with an informatics platform that allows them to gather clinical evidence in a way never previously offered. Data remains the property of the partners with data usage agreements allowing NFIM to aggregate data for the collection and reporting of clinical evidence. NFIM seeks a close clinical relationship with its partners for advancing clinical knowledge. Above all else, NFIM values full disclosure and transparency. We will never knowingly violate that trust.

An Unbiased Assessment

The Energy Device clinical community consisting of designers, manufacturers and clinicians seem committed to supporting ongoing scientific discovery to fully understand how current, light and pEMF frequencies help control pain and possibly ameliorate other human pathological conditions. Yet, it also seems willing to allow a degree of chaos by not addressing key knowledge gaps, which have existed in the industry for decades. Research dollars remain scarce and there are relatively few clinical researchers in this area. There is professional disagreement on which frequencies and what power levels are best for clinical outcomes. NFIM will help make these answers clearer.

A few manufacturers have approached NFIM offering well-intentioned donations to partially offset and allow NFIM to more quickly conduct independent clinical studies in this research area. NFIM turned them all away despite their benevolent intentions. The Foundation must insure and maintain its concrete separation between our research partners and conflicted funding sponsors. While this deliberate resistance to accepting money from industry stakeholders may impede rapid clinical studies and compel the Foundation to look harder for philanthropic donors, NFIM remains committed to this approach. This is the only way to remove any real or appearance of any conflict of interest among research projects. Though it will take longer to execute studies, once completed, everyone will know that the data is the whole data, and nothing but the truth. It is the shortest distance to finding the truth despite taking more time to find non-conflicted funding.

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Visit NFIM.org for details.



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An Unbiased Assessment

All results, will be shared with patients, physicians, researchers and manufacturers to advance the entire community's knowledge base. The goal is to advance this scientific body of knowledge by assisting all stakeholders to better determine where the next scarce resource should be invested or deployed in patient care, research or device manufacturing.

NFIM will insure the integrity in the scientific processes it participates in.

Visit NFIM.org for details.

Changing Healthcare with 21st Century Solutions.

The National Foundation for Integrative Medicine's (www.NFIM.org) mission is to explore, analyze and when appropriate transition novel technologies that are efficacious, safe and affordable. The NFIM leadership team consists of distinguished un-retired professionals ranging from the Chairman of the Joint Chiefs of Staff, several Surgeons General, Assistant Surgeons General, general officers, esteemed clinicians, researchers, veterans, and civic leaders who are committed to identifying and validating new alternatives for our failing medical systems. Our informatics team consists of proven talent. They include CIO's and CMIO's from the US Air Force Medical service that demonstrated and delivered exciting capabilities that remain programs of record for the Dept of Defense's medical efforts.

NFIM's tenets are transparency and integrity with many checks and balances. We are open to all new ideas and vested in nothing. We believe in God, but everyone else must bring data. NFIM informatics platform and strategic partnership provide leadership and its non-conflicted culture and perspectives help meaningful changes and progress evolve.

NFIM is a clinical host, facilitator and participant when invited into studies or forums that can advance medical science or policy. NFIM continually self-checks itself to remain free of conflict of interest (COI) or 'greedy' behavior.

More than anything else, NFIM guards and honors its covenants with the clinicians and patients who rely on NFIM's work for their source of trusted data, information and knowledge. We will never knowingly violate that trust.

It's the DATA that Matters.

It is increasingly difficult today to create medical truth. Part of the dilemma stems from the fact that many studies are embargoed from publishing if results do not support the sponsor's financial interests. Principle Investigators (PI's) are frequently required to sign gag clauses as a condition for receiving research money. These gag clauses restrict the researcher from disclosing results if the data are not pleasing to their paying sponsors. Not publishing and not sharing all data from studies leads the professional community to an inaccurate picture of the truth on any particular topic. This has happened. Clinicians and patients were led astray to the point where patients were harmed. We now live in a world where even experts cannot reliably find truthful science, or spot and challenge questionable conclusions. Yes, though scandalous, it remains the truth. Those in charge prefer the status quo. Panels of experts have repeatedly recommended the detailed changes needed to return academic integrity into medical research, but those changes have not been adopted or enforced by those with scientific oversight and review.

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It's the DATA that Matters.

This should not be acceptable to patients nor their physicians – and it's not acceptable to NFIM. Yet this lack of accountability currently exists under the darkness of professional ignorance. NFIM pledges that all studies it begins will be accounted for and available for public review. All protocols will be submitted to Institutional Reviews Boards (IRB) with specific paragraphs indicating that all data (once personal information is adequately redacted) will be available for other researchers to review as well. The intent is to return transparency into clinical research that has been deliberately contracted out by those funding sponsors who believe they can buy favorable 'fake' science.

NFIM pledges to start reversing these destructive research practices that ruined the world's best clinical research enterprise. NFIM will model and show that sharing data and focusing on advancing science can still work as it did in America over the past many decades.



Visit NFIM.org for details.

Maintaining Scientific Integrity and Independence

The Foundation believes by teaming with public agencies that are NOT dependent on research funds from stakeholder and conflicted funding sources, that we can reverse the sinister bias that has fully infiltrated the US medical research enterprise. NFIM is creating strategic partnerships with the Department of Defense, Department of Veterans' Affairs, academic centers and various medical centers and clinics around the country. These partnerships are based on the open sharing of raw study data and full protocols, elimination of gag rules on investigators and the mutual desire to publish all research results transparently regardless of where the data and results lead. Truth on every level will return to medical research when these tenets are followed and rigorously enforced. NFIM's informatics platforms allow for maximum flexibility in whatever protocols are required to get to the truth.

A new dawn, promising the long overdue return to our old paradigm of research integrity that once upon a time made this country's medical research enterprise the best in the world. We want to recapture America's former reputation and this is the first step to get there.

Visit NFIM.org for details.



Informatics Platform

The NFIM informatics / data platform is a government certified meaningful use (MU) CCHIT certified medical record system that has been successfully deployed to numerous free clinics in West Virginia and Virginia over the past several years. Its highly secure platform is HIPAA compliant offering auditable and role-based access minimizing unauthorized disclosure of any encrypted information or data. It is one of NFIM's key assets for gathering, storing and analyzing clinical research data and turning it into usable medical information. NFIM has secured licenses for this very hearty platform for the next 99 years insuring our clinical partners will never be left with unsupported informatics. NFIM has secured a license that permits required changes to the source code if ever required for research or any exigency at NFIM's discretion. This flexible platform has proven to be robust and will be deployed in a sophisticated network among NFIM collaborators around America and the world to share and push medical research data.

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Informatics Platform

This capability is one key to NFIM's commitment to rapidly collecting research data, and processing it into medical evidence to overcome the medical profession's dismal 17-year transition cycle of new technologies. This platform will scale and allow much larger data aggregation than is done today.

This long transition cycle can and must be shortened for the benefit of America's imploding health care system. The current antiquated and conflicted system controls transition timelines employing barriers based on different levels of required medical evidence. NFIM is securing the next generation of strategic partners to directly share study results and practical clinical evidence with tens of thousands of providers and hundreds of thousands of patients to create a new culture that can safely embrace new technology faster.

Visit NFIM.org for details.

Join NFIM in Our Mission

These technologies are efficacious, safer and more affordable, but that claim and expectation still needs to be demonstrated in pragmatic clinical trials and compared to current standards of care.

Come join our team! Consider contributing to this vision of unbiased medical research so you and your physicians can make better decisions for your family's health. It will be too late if you wait until your family actually needs these answers.

If you don't contribute to your health, then who will?

If not now, then when?

Don't delay, please donate money or your time, and donate today!

Visit NFIM.org for details.

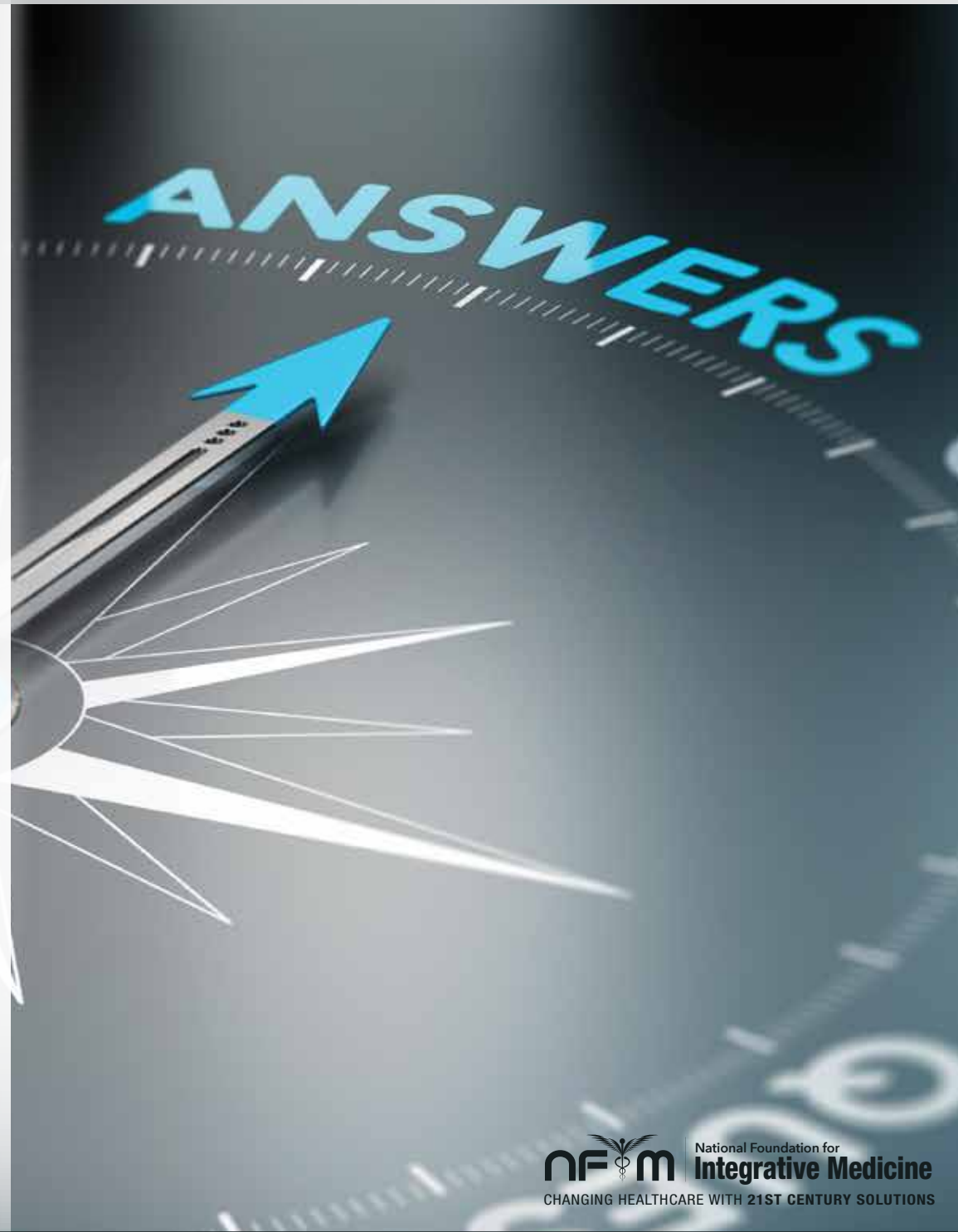


Our Cultural Values

NFIM is an organization focused on outcomes. We are on a mission to answer the nation's demand for a more effective, safer and affordable health care system. Our clinician partners have demonstrated this can be done at the clinic and hospital level and now we will work to demonstrate it can be scaled beyond to address entire regions and specific health issues like opiate addiction and posttraumatic stress disorders. Our observational data says this can work, and the nation needs it to work as well.

The distribution of donated funds reflects our commitment and altruistic cultural values. Our officers and advisors currently take neither salary nor stipends, as that would diminish program monies too much at this nascent point in the Foundation's journey. We expect this to change soon, and are committed to remaining below the non-profit standard thresholds for salaries and overhead expenses. We value good personnel and acknowledge the need to pay competitive salaries to attain the best and brightest which are necessary to conceive new ideas that America desperately needs. For now, we depend and enjoy only on contributions from dozens of philanthropic contributors, from all walks of life to sustain this noble vision and journey.

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Distribution of Donated Funds

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Are you one of those people who believe in what we are doing? Please consider joining or donating to our team.

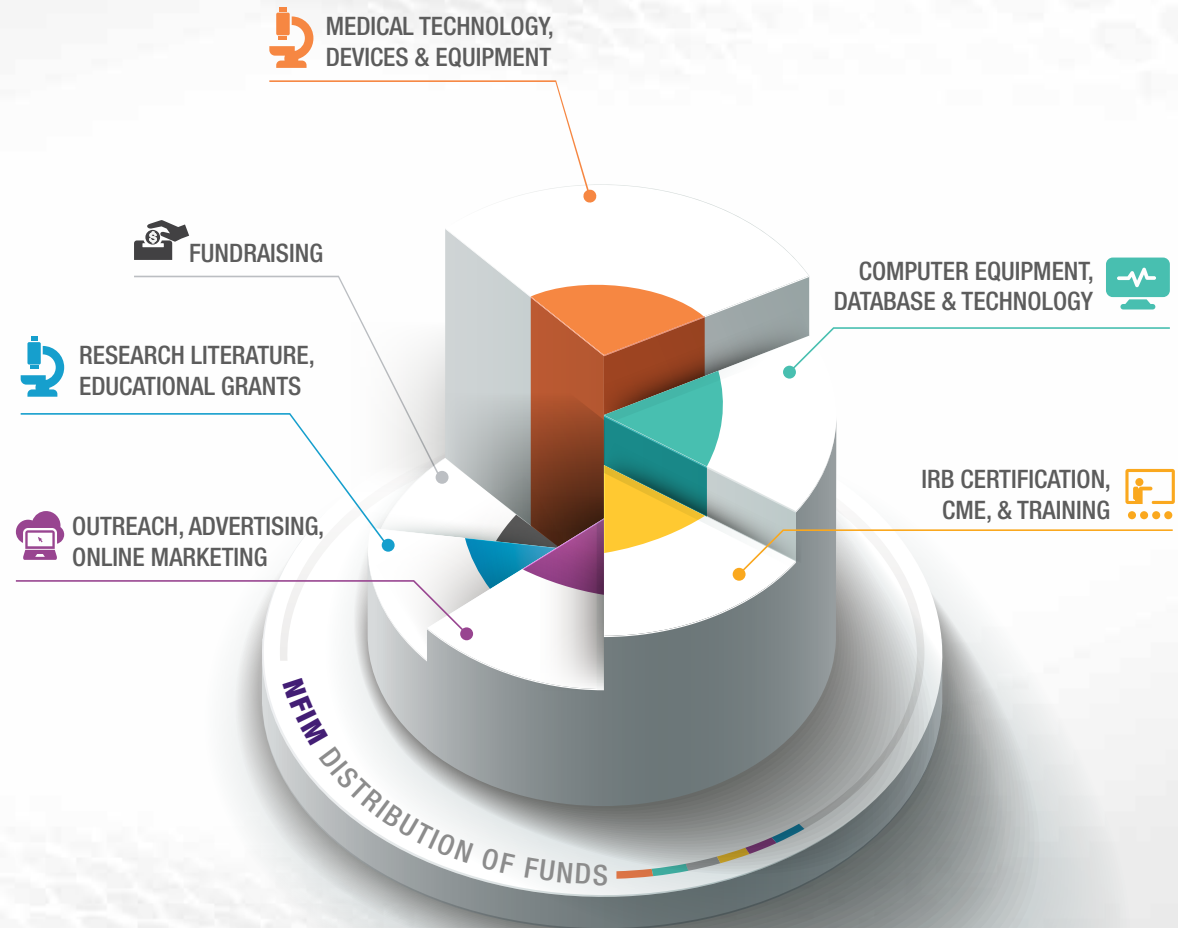
The breakout of funds demonstrates our commitment to mission.

Become part of something bigger than self Something that the country needs so desperately right now ... and Something your family will need soon whether it is for your parents or your children or a dear partner or friend!

You can contribute part time and in your area of expertise. Come reach out to us and answer the grass roots call to improve America's health system to make it safer and more affordable.

Join us and donate today!

Visit NFIM.org for details.





Visit **NFIM.org** to Join

If not you - than whom?

If not now - then when?

NFIM: A 501(c)3 Charitable Organization

Visit **NFIM.org** to Join

