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VOICE & HANDS

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reach
beyond 

a word from
Wayne



Dear Friend,

It's hard to believe that 2014 is nearing an end. It has been a year of stunning global challenges. Conflict in the Middle East... the Ebola outbreak in Africa... air travel disasters. I even suffered the loss of my wife of 45 years in April. One could easily look at the world around us and lose hope.

But to the contrary, I look at the world and realize that there is hope—eternal hope in Jesus Christ.

I also feel an increased sense of urgency to reach those who have never had a chance to meet Jesus. How can it be that after centuries of missionary efforts, there are still places on earth where less than 2 percent of the people know Christ or have ever heard His name?

We must change this.

That's why I'm asking you to be a part of *The 2% Solution*—a Reach Beyond initiative to use media and medical care to take the gospel to areas where it has never been before.

According to some research, there are 87 nations that are less than 2 percent Christian. But within every nation there are people who have yet to be reached. From the jungles in Brazil to the deserts in North Africa, people need to hear the gospel.

Please, join us in *The 2% Solution*. May the year 2015 be one when Christ is proclaimed among the nations like never before!

Serving Christ together,

Wayne Pederson

Wayne Pederson
President, Reach Beyond



the 2% Solution

Unyielding resolve to take the gospel to the unreached

“What is God?” This startling question was asked by a young lady on a train in a Central Asian city. Communism had crushed any remnants of a country rich in Christian heritage to the degree that even the concept of God was unknown, let alone the name of Jesus.

Sadly, the answer to her question is one that is still unknown by the majority of world’s population. Christ is unknown, misunderstood or resisted.

The 2% Solution is a global Reach Beyond initiative to take the gospel to under-reached areas where less than 2% of the population has a relationship with Jesus. But reaching the unreached isn’t easy. It requires the right people, using the right methods, undergirded by the passionate prayers and support of other believers.

The 2% Solution is built on two major areas of ministry:

- o Media (the “voice” of Jesus). When people hear the good news through the media they use, they can come to faith as the Spirit leads.
- o Healthcare (the “hands” of Jesus). When people experience compassionate care in Jesus’ name, they see His love in action, and His grace becomes irresistible.

We invite you to be a part of *The 2% Solution*. The mission is difficult. The calling is clear. The results are too important to do nothing.

- reachbeyond.org/2percent -

“We talk of the second coming; half the world has never heard of the first.” – Oswald J. Smith



SATELLITE MONITORING TECHNOLOGY INSTALLED ON REMOTE JUNGLE WATER SYSTEMS

Suppose you live in a remote community jungle village, at least a full day's trek or a half-hour flight from the nearest town. What would happen if your water system (if you had one) broke down?

In the absence of local maintenance skills or communication infrastructure, a broken well means a return to high disease levels and heightened infant mortality rates.



A group of mechanical and software engineers from the HCJB Global Technology Center in Elkhart, Ind., and Water Technologies International decided to address this issue, focusing initially on Central African Republic.

They were looking for a way to quickly detect maintenance issues and to save unnecessary travel time and expense for local mechanics and nongovernmental organizations by eliminating the need to check on fully functioning pumps in person.

Implementing the cell phone network (Global System for Mobile Communications or GSM) might have been the obvious solution, but in a place with limited cell coverage, this was not feasible.

One day the team of engineers had a brainwave: satellite technology.

Building and expanding on a concept for satellite monitoring developed by hydrogeological consultant Stuart Dykstra, the engineers devised an innovative approach to monitoring water systems using satellites. Two years later, they're in the final testing stage before rolling out full production of the monitoring technology.

The system will collect data and transmit it via satellite to a cloud-based server, enabling key information about the pumps (such as water flow rate) to be accessed on a website anywhere in the world.

At IPWE 2014 (International Perspectives on Water Resources and the Environment) in Quito, Ecuador earlier this year, Stephen Peacock, an Elkhart-based machinist, presented a paper titled, "An Improved Method for Rural Well Hand Pump Monitoring."

During the conference he met with colleagues from Reach Beyond's community development team in Ecuador, leading to new ideas for testing and using the technology.

"We figured out that the system we had would be perfect for jungle areas that have no electricity or cell towers," said Peacock, who is heading the manufacturing aspect of the project.

"The satellite monitoring system enables us to collect data that helps to evaluate and improve water systems."

This summer, staff from Elkhart traveled to Ecuador to install the technology on water systems in the jungle communities of Iniyaua and Washintza as well as Reach


Beyond's guesthouse in Shell.

"The satellite monitoring system enables us to collect data that helps to evaluate and improve water systems," explained Wim de Groen, Reach Beyond's water projects director in Ecuador.

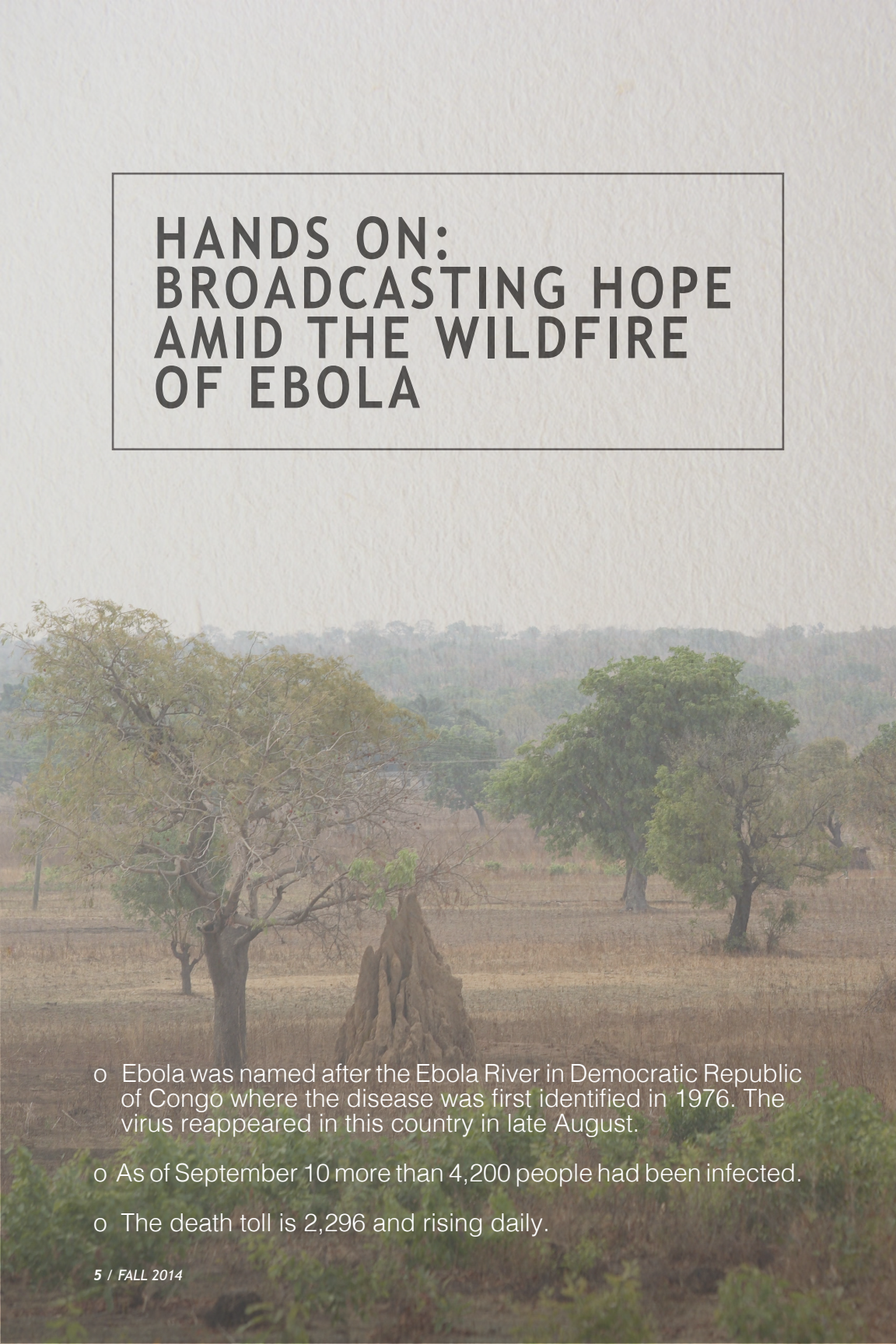
"Plotting the hourly updates through sonsetwaterlink.org/water shows more than 270,000 gallons supplied to the two villages and Shell," Peacock said. "From the office in Elkhart we you know exactly how the system is working. You can know the efficiency of the system and gauge the demand [for water] and work out from the solar intensity how well the pump is pumping."

"And you can tell if the pump breaks," added Project Manager Jeff Benedict. Being able to identify any maintenance issues will save the staff both time and money.

Upon completing their trip to Ecuador, team members began working with another organization, Design Outreach, to fit monitoring units on their pumps, beginning with 25 pumps as part of a 100-pump project across Uganda, Malawi and Kenya.

"Our focus is Christian nonprofits—like-minded ministries," said Benedict. 



A landscape photograph of a savanna. In the foreground, there is a large, conical termite mound made of earth. To the left and right of the mound are several trees with varying degrees of green and brown foliage. The background shows a line of trees under a hazy, overcast sky.

HANDS ON: BROADCASTING HOPE AMID THE WILDFIRE OF EBOLA

- o Ebola was named after the Ebola River in Democratic Republic of Congo where the disease was first identified in 1976. The virus reappeared in this country in late August.
- o As of September 10 more than 4,200 people had been infected.
- o The death toll is 2,296 and rising daily.

You wake up to find your entire community is on fire, spreading faster than anyone can escape. It flares up in every direction. Panic takes over. People don't know where to go. Soon, the catastrophe is out of control.

A part of the world is "burning" right now, but the flame isn't fire—it's Ebola—one of the deadliest diseases known to mankind. With a 90-percent mortality rate in some areas, the disease is spreading through Guinea, Sierra Leone and Liberia faster than medical professionals can keep up.

In many cases, those infected refuse to visit clinics because they're perceived as places where people go to die. As result, by the time they receive treatment, their fate is often sealed.

Lee Sonius, executive director of Reach Beyond's Sub-Saharan Africa Region, grew up in Liberia. He knows firsthand the impact of war, poverty and disease on the people he loves and the place he calls home.

"I first heard about Ebola when I was growing up in Africa," he recalls. "It struck fear in my heart then. And it filled me with fear again when it reappeared this year, even giving me vivid nightmares."

Worse yet, the disease has attacked parts of the world where Christ is not widely known, leaving the people without spiritual hope. But amid the "fire" there is hope—practical hope to prevent getting the disease while stemming its spread.

And there's spiritual hope by sharing Christ's love with victims.

Reach Beyond-UK has produced five

Ebola emergency response radio programs as part of the "Calls to My Sister" series. The programs air throughout the region on national and local radio stations, educating people on how to avoid contact with Ebola, practice proper personal hygiene and remain safe.

"Ebola is contracted by physical touch and passed through bodily fluids such as sweat, tears, blood and any form of direct contact with someone who is infected," explained Sheila Leech, Reach Beyond's vice president of global healthcare.

But most of all, "Calls to My Sister" encourages people to trust Christ with their lives.

"I praise God for the privilege of serving Him in this way in order to save lives for His glory—amazing," exclaimed Nick M., who is working with Mary Kolu, a native Liberian, to produce the programs in three languages: English, French and Portuguese.

"We've had an extremely positive and thankful response from the stations," he added. "We've even had an official thank you letter from the Union of Liberian Organizations [in the U.K.]. I took the opportunity to send out as many emails as I could to as many contacts I could think of in order to save lives and it worked—praise God!"

LEARN MORE

Want to learn more about what Reach Beyond is doing to help educate people about the Ebola virus in infected areas? Check out the programs at reachbeyond.org/ebola-education.



JOY IN ROMANIA: REACHING THE YOUNGEST OF THE UNREACHED

Getting 50 people from diverse backgrounds, ages, professions and experiences to unify around a cause might seem like a daunting challenge. But not for this group of believers.

JOY FM, a Christian radio station in St. Louis, Mo., makes missions their mission. This summer a team comprising teenagers, middle-aged adults, students and professionals from many backgrounds joined with Reach Beyond staff for a weeklong outreach in Romania, sharing Christ's love with Romani (Gypsy) and Romanian children in Arad near the Hungarian border.

Simple activities like making sock puppets, singing and playing soccer may not seem like the kinds of things that would make a difference in children's lives. But to appreciate the impact of such activities, you must first understand where the children came from.

Many were orphans, abandoned by their parents.

Child abandonment is one of Romania's biggest social issues. The nation has some 150,000 orphans growing up in often-horrific circumstances. Most will end up homeless and uneducated, and in the case of the young girls, forced into sex trafficking. It's one of the greatest hidden tragedies of our time.



Children like these are at the heart of Reach Beyond's campaign, "The 2% Solution." If it weren't for Reach Beyond's partners and missionaries in Romania and the team of committed believers from JOY FM, most of these children never would have heard about Jesus.

Lucy, one of the team members, experienced this truth firsthand.

Although she was born in Romania, speaks Romanian and has visited her birth land in the past, this trip tugged at her heart unlike anything before.

One day as Lucy and the team were sharing Jesus with the children, she noticed a young boy quietly following behind her. For hours the child tagged behind Lucy, hanging onto every word, every action. As Lucy began to be more attentive to him, the boy took a giant leap of hope. He ran up to Lucy and said to her in Romanian, "Please take me home with you."

Lucy explained to him that she couldn't do that, but the little boy persisted. "Please take me home with you. I can even fit into a suitcase!"

As Lucy's heart began to break for the child, she said to him, "If I take you home with me, it will make your mommy and



daddy sad." He began to sob as he paused and gazed into Lucy's eyes, saying, "I don't have a mommy and daddy."

"It never occurred to me that he was an orphan," Lucy related. "I never knew the problem of child abandonment was so overwhelming here. The little boy changed my life. I would have given anything to take him home with me."

Every person from JOY FM was changed during the outreach. And so were the lives of many of the children—kids who have never experienced the loving hug of a parent or heard about a heavenly Father who loves them and gives them hope beyond their circumstances.

Appropriately named, the station brought new joy to countless children in Romania. The love of Jesus was shown through hugs, smiles, songs, and yes, even a sock puppet named Bobo. 📌





WALKING A TIGHTROPE IN AFRICA

Christ-followers living south of Africa's vast Sahara desert, an area where the predominately Muslim north and the majority Christian south converge, sometimes describe their lives as "walking a tightrope."

"It's been called the buffer zone," said

Curt Cole, Reach Beyond's senior vice president of global ministries who recently visited Côte d'Ivoire (Ivory Coast) with his wife, Karen. It was the first time they'd visited the country in 34 years—a place where both had spent part of their growing-up years as children of missionaries.

"I think it's a reality that there is a conflict area in Sub-Saharan Africa with Islam influence moving to the south," Curt explained.

Attacks against believers in the region often make the news, whether it's Boko Haram rebels burning down churches



in northern Nigeria or Jihadists pushing for *sharia* (Islamic law) in countries such as Senegal, Mali, Niger and Chad. Other than internal fighting that broke out in 2002 and again in 2010, Ivory Coast has avoided most of the violence that has plagued countries straddling the buffer zone.

“We were surprised to see the growth of Islam in northern Ivory Coast,” Curt said. “As children, we didn’t remember it being as strong as it is today. The other surprise was the growth of animism in northern part of the country where it’s a syncretistic mix. There is a spiritual war going on.”

Amid the conflict, a message of new life in Christ is going out via the airwaves, namely from two partner stations, *Fréquence Vie* (Frequency Life) operated by SIM in Abidjan and *Radio Sinai* in Korhogo.

“We saw clear evidence of the church growing in Ivory Coast, specifically among the unreached people group, the Nyarafolo. There are missionaries working in that group that is estimated to be less than 0.5 percent evangelical,” Curt explained.

“We heard the story of one woman who listened to the programs in her Nyarafolo village,” Curt related.

“She walked for two days to the station to find out more about Jesus. She lived about 20 to 25 miles away. When she arrived at the

station she spoke with the staff and accepted Jesus. She also asked for prayer for a stomach ailment that she’d had for five years. They prayed, and she experienced immediate healing!”

In addition to radio outreach, Curt also saw opportunities for future partnerships in community development.

“Overall we were extremely encourage by the political situation,” he said. “Short-term teams are also possibility; especially in the north where the healthcare needs are greater and the infrastructure is not nearly as developed as in the south.”

“We’re excited. As we were driving back to Abidjan, we were talking about the potential for more ministries and what role Reach Beyond will play in the future, especially in the area of healthcare. We weren’t expecting that.”

ISLAM IN AFRICA BY THE NUMBERS

NIGERIA

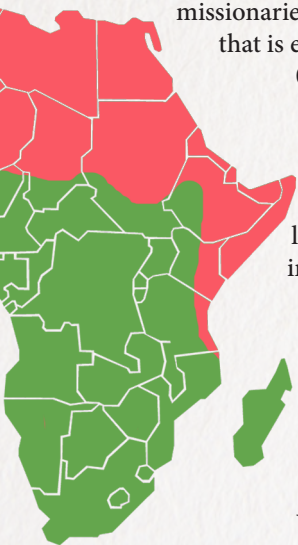
This country is known to have the largest population of Muslims in Africa with 75,728,000 adherents.

MUSLIM GROWTH IN AFRICA

In North Africa, between 1990 and 2010, Islam grew by 44.2%, going from 135,440,000 to 195,242,000. In Sub-Saharan Africa, Islam grew by 74.3% in that same time period.

HIGHEST EXPECTED GROWTH

Islam in Niger is expected to grow by 104.9% by the year 2030. That is an increase from 15,627,000 to 32,022,000.





CENTRAL ASIA: CONFERENCE POINTS TO BUDDING SPIRITUAL AWAKENING

by Sheila Leech, Vice President of Global Healthcare

Geography was never one of my favorite subjects, but I remember learning about the wildness of the Russian steppes and seeing the images of people in Central Asia living in large round, domed tents called yurts. I never imagined that one day I'd have the chance to visit those remote lands.

After a tedious three-day journey from my home in Ecuador, I arrived in Central Asia in June, my fatigue level somewhat refreshed by the sheer beauty of the snowcapped peaks. My purpose was to meet with Christian medical workers from across the region who share Christ's love while providing healthcare to local people.

All preconceived notions I had about the area's spiritual state faded the first night of the event. Rather than find a spiritual wasteland, I was praising God with 80

Christian doctors from some of the world's most closed, difficult countries. They raised their voices and hands in worship, their faces radiant. We were one in Christ.

I was also encouraged and challenged by the powerful stories of transformed lives.

Brenda* lives in a virtual police state. She talked about her long journey—many hours on the bus and many more hours at the numerous border crossings—to join with like-minded believers for fellowship, encouragement and academic input.

She related how she was taught to think that the idea of religion and God was ridiculous. But Brenda had developed an intense interest in history and loved to visit the ancient Orthodox Church buildings in her country. During one of these visits, God revealed Himself to Brenda and won her

with His love. Now a vibrant believer, she told of God's keeping power in her life and His provision for her every need as a single parent.

Linda* sat next to me in the back row during the conference. About 30 years old and having excellent English, Linda said she'd come from a Muslim family that valued speaking foreign languages. As a result, her mother sent her to learn English from some foreigners living nearby. They were believers and led her to faith in Jesus.

A year later, when Linda told her parents she wanted to be baptized, they became indignant said she'd have to leave home forever if she did that. After waiting another year, the Lord spoke to her again.

Once more she told her parents said she'd have to leave ... so she did. In her final year of university, Linda found herself homeless and with no means of support. Despite that, God provided her with places to stay and the means to finish her studies.

Although I found the Russian steppes rugged, harsh and beautiful, I saw those same traits in the local Christians. There still aren't many believers in this land—perhaps 0.5 percent of the population—but God is calling out a people to Himself in that place.

Their faith is strong, and they stand firm. They're light and salt, beauty and joy in a society that doesn't remember how to laugh.

They're God's chosen people, His holy nation—a people belonging to God. 📌

** Names changed for security reasons.*





THE GIFT OF A NEW LIFETIME

A radio station means very little if you can't hear the broadcasts. That was the problem faced by five partner stations started with Reach Beyond's help in a remote part of a "closed" country in the Asia Pacific Region. The villagers in at least one of these communities were anxious to listen to the new station. However, most homes had no electricity, and only one family owned a battery-powered radio.

Recently Reach Beyond provided 50 fixed-tuned, solar-powered SonSet® radios to the villagers, and now nearly everyone there can listen to gospel broadcasts.

When the people received these radios, the looks on their faces showed utter amazement. How was it that someone would provide a gift like this free of charge? Many of the villagers placed the radios around their necks with the lanyards (which double as the antenna) and refused to take them off.

The radios were an incredible gift for which the people were deeply grateful. But the greatest gift was not the radios—it was the message they shared.

Since the radios were distributed, the station has been inundated with questions about life, marriage, truth, and most importantly, how to have a relationship with Jesus. Many of the people are now walking with Christ because of the message carried by these small "missionaries."

It costs \$35 to place a SonSet® radio into the hands of a family living in a remote village. But the eternal dividend on this investment can't be calculated.

**LEARN MORE ABOUT THE SONSET EFFECT
AT REACHBEYOND.ORG**



“Please, tell us more about this Jesus you are singing about.”

This comment was made by two women one evening after hearing a group of musicians rehearse for a recording session the next day.


In Nepal, a country that is barely 2% evangelical, music has the ability to connect with people. Recently some 100 worship songs in the Maithili language were compiled in a songbook in an effort to distribute the music, and Reach Beyond’s partners asked for help in recording these songs.

About a year ago a team traveled to Nepal for the first recording session. Working in a makeshift studio in a tiny, mud-walled house, six singers and accompanists sweltered in temperatures surpassing 100° F. as they recorded 26 songs in three days.

One of the songwriters is a pastor who traveled hours to record some of the songs that he had contributed to the book. He began writing songs after noticing how Hindu priests used music to tell ancient stories to attract a crowds, then explained their meaning and purpose.

The pastor’s songs have become so popular that people have begun recording them on their smartphones during church services.

The recording continues, most recently by Reach Beyond missionary Michio Ozaki who traveled to Nepal in late August, adding to the repertoire of songs available to air on partner radio stations and for believers to hear.

What about the two women? After hearing the music and going to the house to investigate, their questions were answered by one of the family members who took the time to share the gospel with them. As a result they came to Christ. 

MISSIONARY PROFILES



DAVE & BETH JOLLY

"We're excited about how God will use partner JOY FM in Arad to reach the area. Our partners also hope to open a medical clinic in the same building as the station, helping the Romani (Gypsy) people get adequate medical care and training—a beautiful picture of the Voice and Hands of Jesus. Together." -- Dave

The Jollys, along with daughters Kayla, Kristen and Kendra, have served in Romania for two years. Although this country has deep roots in Orthodox Christianity, it's just 5.4 percent evangelical.

Pray for final government approval to begin broadcasting. Praise God for the secured radio frequency, trained staff and a beautiful studio.



GEOFF & TAMMY KOOISTRA

"Our biggest project is helping HCJB Media in Quito, Ecuador, operate under its own board. It's had national leadership for a few years, and now we're working to form a legal entity to better comply with Ecuador's new broadcasting laws. Pray for God's provision and leading in the transition." -- Geoff

Geoff serves as director of services for media in Quito; Tammy is assistant to the missionary personnel director.



NICK & RACHEL JOHNSON

"The core of what I do centers around providing exceptional technological services to Reach Beyond's staff. Keeping their computer and email systems functional empowers them to do their job effectively so they can empower others to impact their communities with the gospel." -- Nick

Nick serves as helpdesk administrator at the Ministry Service Center in Colorado Springs. He and Rachel have two children, Isaac, 2, and Kaylee, born in July.

"Rachel does a fantastic job managing our home. She's also engaged in our local community, sharing the love of Christ to those she interacts with."

These missionary families need additional ministry partners to continue serving with Reach Beyond. Take a moment to learn about them and prayerfully consider supporting them financially. Visit reachbeyond.org/missionaries/search.

REACH BEYOND
1065 Garden of the Gods Road
Colorado Springs, CO 80907-3405
719.590.9800

reach
beyond
reachbeyond.org

REACH BEYOND - CANADA
3 - 44 Saltsman Drive
Cambridge, ON N3H 4R7
519.650.5444