

Spring 2017

# WONDERS OF SCIENCE

“... bringing life to science”

Wonders of Science is a ministry of Calvary Baptist Church



## German Club



German professors at memorial.

My father, being a naturalized American, wanted his family to speak the language of his new country, English. So, my seven brothers and I heard few phrases in German, unless our dad got angry. I've always been fascinated with languages and was invited to join a group of current and retired German professors and teachers at Cal State Fullerton who meet weekly for lectures in German. One of the professors also introduced me to a group of businessmen and we meet bi-weekly and share dinner, stories, poetry and various arts. Our Cal State class leader, a former chemistry professor, recently passed away suddenly from cancer and God gave me an opportunity, because I was available, to address the group (respectfully) at his memorial about my life and how I used science through WOS.

## Bakersfield, CA In a stadium...on second base?

Heritage Christian Schools of Bakersfield, CA celebrated their 50<sup>th</sup> Anniversary of ministry by hosting a banquet, a field day celebration in a local athletic stadium and concluded the weekend with an evening of

praise. A number of the staff were recognized for their longtime service. WOS was invited by a former science student of mine to keynote the banquet and closing ceremonies as well as present WOS demos at the stadium.

Many different activity areas were set up to entertain and share the gospel and the ministry of Heritage. For our part, WOS was located on a gazebo stage near second base. A number of demonstrations can be presented in full daylight so those wandering past the bungee drop, rock climbing wall, etc. would gather to hear WOS with yet another way of presenting the message of salvation through God's creation.

After the final evening WOS presentation, a sixteen year old girl already attending college and who had "punted" her parent's faith came on stage to ask many questions. She was able to identify with me since I'd gone through the same educational opportunity. We had a very long talk as the Holy Spirit continued to draw her interest in answers about creation and a Biblical world view and gave her pause to reconsider the claims of Christ.



Dean does demos in stadium (above);  
Keynote speaker at banquet (below)





# Science Camp: "The Physics of Arm Wrestling, Electronics, Rockets and Joy of Learning"



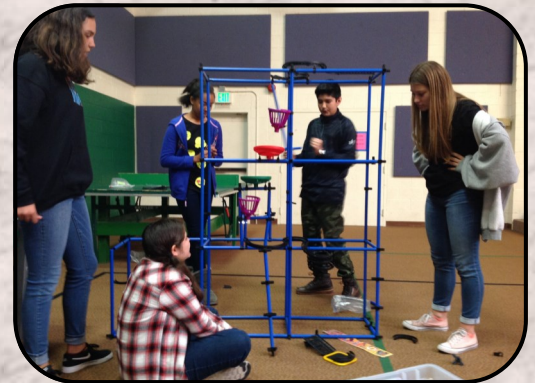
7th Grade Class (left)  
Arm wrestling bio-physics (right)  
"Oh great! Now what?" (right)



"I've been looking forward to this all year!" That comment came from students and parents.

The hands-on Science Camp gives young people the opportunity not just to learn science, but also to discover awesome truths about their Creator that they will carry with them the rest of their lives.

Away from the busyness of life brings reflective calm and we've seen the Lord bring hundreds to saving faith or re-commitment over the years at mountain retreats across the nation.



Electronic circuit construction (left); Air rifle safety (below); Surface tension powered boats (below)



## BIOLA UNIVERSITY, CA

### "Teachers Teaching Teachers Teaching Students"

Give a person a fish and they eat for a day; teach them to fish and they eat for a lifetime. So, imagine if you were given the responsibility to teach teachers. Just think of the multiplied impact in lives!

The opportunity to present seminars and workshops through the Association of Christian Schools International (ACSI) has always been a high point in the ministry of Wonders of Science. Teachers in early grades need to be comfortable in multiple subjects and some might feel challenged in science. So, how does one convey scientific and Biblical truths to youngsters who might be more comfortable with hands-on learning?

One workshop involved air cannons, surface tension powered boats, straw missiles and colorful chromatography with "black" ink. One group didn't want to leave and asked to stay for the next workshop! That kind of enthusiasm would definitely be passed on to their students.



ACSI Teacher's Workshop

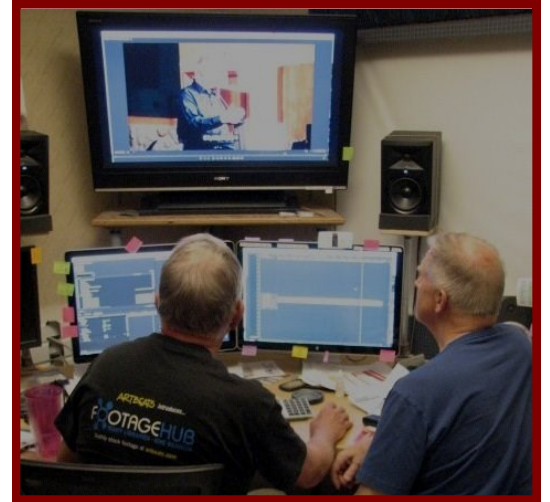


## Upcoming WOS Video Set



Video taping (above)  
Jerry and Dean editing intro (right)

Be watching for a video set containing a full presentation of the live Wonders of Science series recently produced here in California. Many of you have asked for a way to share the program with family and friends. The package is professionally produced and will have multiple DVD's included.



## Newlin/Maybrook Christian School Chapels



Casting "nets" on the other side (above).  
Magnetic and Non-Magnetic Fish (below)



*"The other side? But Lord, we've fished all night, nevertheless..." (Luke 5:5)*

Unreasonable advise? Yes, for professional fishermen who knew their trade, but Jesus knew fish! He created them along with everything else in the Universe.

Pre-schoolers typically follow directions...well, let's say they are trusting of adults. The chapel lesson was about following Jesus' commands, no questions asked. I made several dozen "fish" with folded paper, drew a fish on both sides, glued the edges, made a pocket, and stuffed the mouth opening of some with cotton and others with steel wool before gluing that.

Strong magnets fastened to the end of a wooden dowel fishing pole caught no fish on one side of the "boat," yet repeating the Lord's command, all the fish on the other side were caught, much to the thrill of the youngsters who obeyed. I wonder how many of us adults simply follow Jesus' commands without resistance.

## BE INVOLVED!

### Praise:

- Thank you for the decisions made for the Lord and the seeds that were planted.
- For so many school assemblies requested and then invited to WOS.

### Prayer:

- For a new Jewish believer requesting our inmate Bible study material.
- Continued year-round support for this ministry.
- All WOS demo and research equipment is moving to the closer Newlin Campus.

**Wonders of Science  
Counts on You!**



# Nogales, AZ—"Light Night" vs. "Fright Night"



Challenger Middle School (right and left)



Little Red School House (below)



Visitor at Light Night (left) Adult Education Opportunities (below)



We'd met at a funeral for a mutual friend. "That's a long drive for a one night program, pastor...You'd like the entire eight hours of WOS...all compressed into four consecutive presentations as an alternative to Halloween night?" I was reeling at the logistics! The First Baptist Church of Nogales on the southern border of Arizona, pastored by Dave Canada and his wife Kris, puts legs to the faith of its congregation!

"Can you arrange for as many school assemblies as possible the week before and after?" He and his capable staff did just that for elementary, middle, high school, MENSA classes, science clubs, adult education classes, alternative schools for troubled youth, sometimes two or three presentations a day! Dozens of programs and all but one in public schools, for over two thousand students, teachers and staff!

One principal, the chairperson of the district's school administrators, was very reluctant at first. She didn't schedule anything for several days until she heard reports after we'd visited other schools. Then she became most supportive, scheduled us for her school and promoted the series at her upcoming district meeting of all local administrators. WOS was then registered as a program source for the entire school district! God's people were praying and He opened the doors for ministry.

The "Light Night" alternative presentations drew standing room only crowds from AZ and Mexico alike. Multiple activities for youth and adults, loads of treats passed out and coupled with powerful gospel messages and literature. What an amazing experience and committed team with whom to partner for their annual community outreach across borders!



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Pierson Vocational High School (left) Coatimundi Science Club (above) San Cayetano Middle School (right)





## “Baker’s Dozen”

Ka-thump...ka-thump...Cars and trucks kept running over something in the road. There were five different exits leaving the bakery and frustrated, I had picked the one with the most traffic! My vehicle was loaded with a hundred loaves of unsold bread to deliver it for shelters instead of the bakery’s trash.

Ka-thump...ka-thump. So, there I sat.

The debris blended in with the asphalt but I located the sound. A thick black file folder was slowly being mutilated by trucks and cars. Noticing an ample break in traffic, I jumped out to kick the thing over to the curb, but it was too bulky, so I picked it up and tossed it onto the passenger seat. I smiled at the subsequent honks and enthusiastic gestures. They just didn’t understand my motives. At my office I was ready to toss the folder and noticed the black mock alligator leather was no ordinary folder. Lifting the shredded flap revealed a business card, “International Real Estate, Inc.” The one inch thick edge of the contents didn’t look like trash, so I called the number.

“Where did you find that?” he asked, sounding concerned. “I just sold a home to a businessman who owns a bakery in Whittier, CA. Those are all his financial papers to close the sale!” I had told the agent who I was and what I was doing at that same bakery practicing my Spanish, otherwise he probably wouldn’t have told a stranger of the folder’s contents. I offered to return it to the owner since the agent was way out of town by then.

I returned to the bakery immediately and the baker stood there, mouth agape, and stared. “Senior, you find? Mi nueva casa! My new house!” He couldn’t stop thanking me. The night before, when the agent had closed the deal, Ricardo was loading his car after work and placed the folder on the trunk. He forgot it was there and drove home, not even missing the folder until I walked in with it the next day. I had a wonderful time explaining why followers of Jesus would do what I did rather than try to empty his banking accounts.

The opportunities any believer has “as you are going” are phenomenal. Just be ready for them and plant the seed of the gospel as the Holy Spirit draws them along for the next believer to water or see the fruit.



Dean and Ricardo the baker..

### Comment Corner

*“As a mom of an upper grade school student, I really appreciate the way you challenged our students here through your afternoon seminars. He hasn’t stopped talking about them since I arrived to pick him up.”*

**-- JPL rocket design engineer --**

*“You did an incredible job at Pi Day. I learned multiple things about God and illusions. Also I appreciated you using the Bible and saying [it’s] ‘basic instructions before leaving earth.’”*

**-- Student at assembly --**

*“I can’t believe all [the] stuff you showed us! I loved the optical illusions the most and how you connect science to God! Thank you.”*

**-- Student at assembly --**

*“These programs are exactly what we need for our ministry training conventions. We so appreciated your attendance and interaction with the other scientists and the help you gave them fixing their demos that had problems. I know they appreciated it.”*

**-- Director of CMTA Convention programing --**

*“These demos and applications were fantastic. We’ll apply them directly into our classrooms. Our group is going to stay for your next session to learn even more!”*

**-- ACSI Teachers convention, Biola University --**

*“I saw one of your presentations several years ago at Purdue University. It was very impressive and educational. It also increased my wonder of God and thanks to Him. Is there a video available to purchase of your full presentation? I would very much like to have one.”*

**-- Program Attendee --**

*“...may God bless you with many more years to glorify Him with your gift to teach about His creation, [His] Glory and the Gift of His Son to the generations. Your ministry has greatly influenced me and my children!”*

**-- Mgr. Technology Quality & Control --**

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*Address Correction Requested*

## Sierra Madre

“Mars, Jupiter, Saturn or bust!”

Bethany Christian School is available to engineer/scientist parents located near JPL in Pasadena,

CA. Moms and dads build rockets, space probes and rovers for distant planets, yet many have the conviction to raise their children in the ways of the Lord as well. Bethany's new principal, Dr. William Walner, has been a friend for years during WOS programming for the ACSI teacher conventions. He invited us to the unique “Pi Day” annual celebration on March 14<sup>th</sup>. Pi digits equal 3.14159...on forever, but the first three represent the date. Local scientists and engineers from JPL and nearby universities set up displays for the students and WOS was asked to present the concluding program.

One mother, a rocket scientist, stood by smiling as her curious 9 year old began asking questions, the kind I would expect from a high school student. Her comment, “This is what we deal with every day after work.” Afterwards everyone enjoyed the real organically consumable “Pi.” Mine was berry.

Dean held presentations at Bethany Christian in Sierra Madre.

