

March 05, 2015

This Week
Dan Stover
Memorial Music
Scholarship
Club Level Contest
Guest Program Host:
Mike Noll

Musically talented high school students each year participate in a Rotary District 5300 program entitled the Dan Stover Memorial Music Scholarship, and winners qualify for educational awards that enable them to further their studies at an accredited college, university, or music conservatory upon high school graduation.

This Thursday we will hold the Club Level contest. Our club winner will represent us at the California West Regional Competition in April (date TBD). The four Regional finalists will perform/compete at the District Conference Saturday, May 16, at the Green Valley Ranch Resort & Casino for a chance to win \$1,000 to \$5,000.

As an extra treat, the three young musicians from High Point Academy who entertained us three years ago will return as 8th graders performing for us during lunch.

Who was Dan Stover and

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REFLECTIONS
 by Hal Yorke, President
BEEFLECTIONS?

on . . . Smog

Smog has been around for several billion years. It occurs naturally when the smoke from, say forest fires combines with low-lying clouds, which extend to the ground, i.e., *fog*. The term *smog* was coined in the early twentieth century to describe the particularly thick London fogs resulting from the combination of *smoke* and *fog*. Smog also occurs naturally during volcanic eruptions, when sulfur dioxide and other gases and particles emitted by an erupting volcano react with oxygen and moisture in the presence of sunlight. This latter phenomenon is often deemed *vog*.

The first white settlers entering into the San Joachin Valley describe the occasional occurrence of an atmospheric phenomenon, which we can now recognize as *smog*.

Just because smog can be a natural occurrence does not mean that man-made smog is not a serious problem. London's man-made smog of the early to mid-twentieth century resulted largely from coal burning within the city; this smog contains soot particulates from smoke, sulfur dioxide from the soft coal

and several other pollutants. The *Great Smog* of 1952 darkened the streets of London and killed some 12,000 Londoners, 4000 of whom died within the first four days of this killer smog's occurrence. Four years later England created *smokeless zones* in the capital.

By forbidding the burning of soft coal and thus reducing the levels of sooty particulates, England's lawmakers made the infamous intense London smog a thing of the past.

Modern man-made smog is a photochemical smog that results when nitrogen oxides and volatile organic compounds spewed into the atmosphere by vehicular exhaust systems react with sunlight. The resulting air pollutants are particularly

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Greeters

March 05

Mike Noll

March 12

David Smith

March 19

Charles Wilson

Program Review

Theo Clarke: A Craft Talk Revisited



“Now for someone who needs no introduction,” is how Mike Noll introduced Theo Clarke, this past

week’s program presenter. Clarke decided, since he hadn’t given a craft talk since he joined Rotary back in 1998, that he would provide us with “a craft talk about a 2nd craft.”

First some highlights of Clarke up to ‘98, and then the update.

Sparks is published 48 weeks a year and is the official publication of the Rotary Club of Altadena. The deadline for submission of articles is Friday at 6p to current editor email, fax, or delivery.

Rotary Club of Altadena - #7183

Chartered: February 14, 1949
 P.O. Box 414, Altadena, CA 91003
 www.altadenarotary.com
 Meets: Thursday, 12:10p
 Altadena Town & Country Club
 2290 Country Club Drive • Altadena, CA
 626-794-7163

Rotary Int. Pres. Gary Huang
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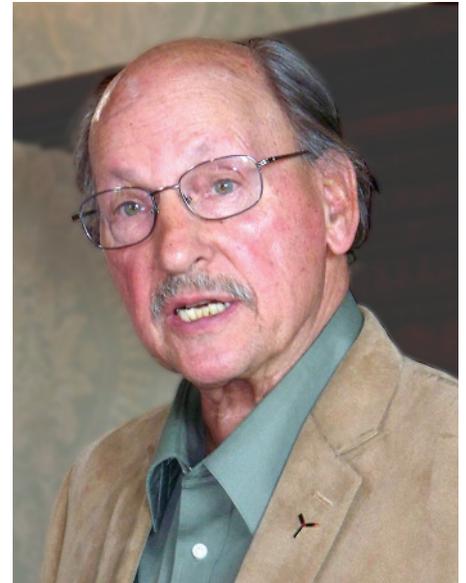
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 Tom McCurry Asst. Vocational
 Craig Cox Membership

Editor, Design & Typesetting Foreman Graphics
 Photography Jacque Foreman

In 1953 he joined the Navy and was stationed on both a destroyer and submarine during his time in the service. He returned from service to attend UCLA, where he earned a BA in English Literature in 1961 and an MS in Physics in 1964. He has been married and divorced a couple times and has three children.

In 1971 he began his 28-year career at JPL. During his time there he worked on Mariner 10’s mission to Venus and Mercury, the Voyager mission to the outer planets and the Galileo mission to Jupiter. He retired from JPL in 1998.

During that 28-year career at JPL he did many other wonderful things. For example, he took up the violin in 1976, using the same violin that his father had serenaded his mother with many years before. He shared that he has had a weekly lesson every week since then (which got a chuckle from the Rotarian’s in attendance). In 1978, he traveled to Kathmandu to study the Temple Monkeys of Kathmandu on an Earth-watch expedition. In 1980, ‘81



and ‘82 he lectured to Army, Navy and Air Force military academies on Voyager and Galileo.

In 1983, Clarke co-hosted an expedition to Greece and Italy dubbed *The New Renaissance, A Classic Journey*, and started his company, New Renaissance Productions, which is still operational today. In 1986 he led an expedition to South America to view Halley’s Comet and was able to see it from Macchu Picchu, Cuzco, Galapagos Islands and the Amazon with 135 guests. Galileo was launched in 1989, and had its first earth encounter in 1990.

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March Literacy Month

Program Chair, Charlie Wilson

Mar 05 - Dan Stover Club-Level Contest,
 Guest Program Hosts: Theo Clarke &
 Mike Noll

Mar 12 - Brooke Applegate, Education
 Manager, Kidspace Children’s Muse-
 um of Pasadena

Mar 19 - Ed Imlay, Chairman, Pasadena
 Lapidary Society Education/Schools
 Committee

Mar 26 - Craig Snodgrass, Scoutmaster,
 Boy Scout Troop 1

April Magazine Month

Program Chair, David Smith

Congratulations



Birthdays



03/08 - Jeri Cunningham
 03/14 - Steve Cunningham
 03/15 - Trish Robinson
 03/15 - David Smith
 05/24 - Ed Soza



Anniversaries



03/01 - Tom & Etta McCurry
 03/30 - Dennis & Noriko Suzuki Mehringer

In Search of a New Font Maybe



The font that I am currently using for *Sparks* is the same font I used before I had to switch software to the much newer CS6 InDesign: Belve. I very much like the font, but it does not contain an italic counterpart. Yes, you have been seeing italic type, but it is necessary for me to individually designate it with a 12 percent skew.

PageMaker — the previous program I used to create *Sparks* — automatically created a pseudo or false italic on the fly

with a couple of keystrokes.

As of now, I have not been able to locate a keystroke to set the skew within CS6 InDesign. I do have a program called XFonter, which may allow me to create a fake italic font that I can then upload to my font list.

In addition, I am keeping an eye out for a serif font that has at least three weights and an italic for each weight. But I don't want just any font, or else I would be using Times or Times New Roman. I want a font that has *character*. To see what I mean, look at the design of the capital R, P, and

W and the lowercase g, y, and k.

I'll keep you apprised of my search for a simple keystroke to set the skew, e.g., control sk 12, a way to create an ital, or a new font. ○

REMINDER

CELEBRATION OF JOY CARLSON'S LIFE

SATURDAY, MARCH 7, 2p
PASADENA COVENANT CHURCH
539 N. LAKE AVENUE 91101

This Week

Continued from p. 1

Why is *This Scholarship Named after Him?*



The worlds of education and music transected in the life of Dan Stover, a secondary education professional whose musical talents were shared with his family, his community, and certainly with Rotary, at both the local and District levels.

Dan Stover was an educator who always placed the student first, and his obvious respect for his students transformed the lives of countless young people. He shared his love of learning with the young, providing them with a positive role model

for structuring their studies and their lives.

And Dan Stover was an accomplished musician, both as a vocalist and an instrumentalist. He was as much at home in the finals of Barber Shop Quartet competition as he was at the keyboard of his famous *Rotary* organ, serenading Club meetings and District Conferences with his unique musical wizardry.

Dan Stover passed away shortly following the 1987 District Conference at which his friend and fellow Alhambra Rotarian, Dr. Tim Keen Siu, became District Governor. Dan was noticeably ill at the conference, but he played out his heart for Dr. Tim and others, knowing that the show must go on.

How the *Scholarship Program Began*

The Rotary Club of Alhambra, in the year following Dan Stover's death, established a Music Scholarship Program and Competition in Dan's name. The program was proposed, organized, and championed by new Rotarian Christine Montan who, as Alhambra's first woman Rotarian, quickly recognized and appreciated the talent and effectiveness of Dan Stover as a Rotarian and as a person.

Under Rotarian Montan's leadership, the Dan Stover Memorial Music Scholarship *graduated* into a District program in the following year, and the rest is history. A whole generation of talented, young musicians have had the opportunity — in the name of Dan Stover — to compete against their peers, and earn funds to further their musical education. ○

Reflections

Continued from p. 1

harsh chemicals that are highly reactive and oxidizing, ground level ozone for example. Such photochemical smogs are a product of modern industrialization, present in varying amounts in all modern cities, but particularly a problem in cities with sunny, warm, dry climates and a large number of motor vehicles. When the city is surrounded by mountains and occasionally has a temperature inversion (warm air on top of cooler air), trapping

the smog for long periods of time, this can be a recipe for disaster.

The health problems arising from exposure to photochemical smog are numerous. This smog is especially harmful for senior citizens, children and patients with heart and lung conditions. It can inflame breathing passages and decrease the lungs' working capacity. It can cause eye and nose irritation as it dries out the protective membranes of the nose and

throat. It interferes with the body's ability to fight infection, increasing susceptibility to illness. Hospital admissions and respiratory deaths measurably increase during periods when ozone levels are high.

So just because smog occurs naturally and has always been present does not mean that we shouldn't aggressively regulate the man-made emissions that not only reduce our quality of life, but our life expectancy. ○

Program

Continued from p. 2

He led the effort to make a time lapse (full color) movie using 600 images over a 25-hour period to make a movie of the Earth rotating on its axis in the blackness of space.

In 1993 his son Ted was a Top Gun pilot on the carrier Nimitz, patrolling the no fly zone over Iraq. At the end of his tour he met him in Hawaii and hitched a ride on the Nimitz back to San Diego.

In 1994, Clarke was awarded NASA's Exceptional Service medal for his work on the Galileo Earth encounter. In 1997 he joined the Altadena Rotary club. In Sept. of 1998 he retired from JPL and returned with his daughter Rachel to Kathmandu and trekked the Nepal Himalayas to an ancient Buddhist monastery in the shadow of Mt. Everest.

And now for the updated information Clarke provided on his 2nd Craft. In 2001 he co-hosted — with daughter Rachel — an expedition to retrace the steps of Joan of Arc from her birthplace in the East of France to Rouen, where she was burned at the stake.

In late 2001, he was running out of money and just so happened to be on a committee led by our very David Smith to celebrate some of the doctors at the now defunct St. Luke's Hospital. At one of the

committee meetings, he was introduced to a lady who worked at PCC. He and she began chatting about previous expeditions they had both been on, and the subject of teaching came up. Well, to make a long story short he was interviewed by the Dean and a select panel of professors in the physics dept. at PCC and was hired to begin teaching in 2002. He has been teaching at PCC ever since and delivered two lectures on the day before our weekly meeting.

In 2003 he published his book, "Reflections from Eden II, A Book of Sermons." The Galileo Earth encounter is the spiritual basis for which this book was written.

In 2006, Clarke was invited by his good friend Scott Bolton to join the Juno mission to Jupiter as a consultant to write the minutes of the Project Science meetings, and write a history of Project Juno. In 2007 the Juno team met in Volos and Athens, Greece. He led a lecture to team members and their Greek hosts on Greek Mythology and Juno, and, on the last day of the meetings, met inside the Parthenon for a science team meeting (The last time a science meeting was held in the Parthenon was during the time Plato and Aristotle.).

In 2010, he traveled to Padua, Italy for the 400th anniversary of Galileo's dis-

covery of the moons of Jupiter and gave a lecture and a poster paper in the same hall in which Galileo had lectured.

In 2011, Juno was launched from Cape Canaveral; he brought his family — including his five grandchildren — to the launch, an experience he will never forget.

In 2013, Juno returned to Earth encounter to sling shot to Jupiter. He built a model of the passage of Juno through the Earth-Moon system. It was used to illustrate the encounter (Bolton hinted that it might end up in the Smithsonian Institute).

To end he provided us an update on his family. His oldest son Eddie (52) is a star triathlete and successful real estate agent and loan broker. His son Teddy (51 in March) is a former Top Gun fighter pilot and now pilot for United Airlines. His daughter Rachel (41) is a successful Pasadena attorney in estate planning who is engaged to the love of her life and is currently planning a September wedding. This next Friday he will depart with his two granddaughters (Eddie's kids) to Normandy, France for a week in a chateau he won in a silent auction.

With a storied life such as Theo Clarke's, indeed a man who needs no introduction!

Charles Wilson ○