Wilson and Gail Hubbell pose alongside a few of their favorite bikes.

Wilson Hubbell (A&R# 14416), is vice president of the Santa Barbara Bicycle Coalition and a retired transportation planner for the county of Santa Barbara, CA.

Dozens of Bikes—Thousands of Memories *

The Hubbell’s garage is packed full of meticulously organized bikes. They hang from hooks in the ceiling to maximize potential space, just in case another bike happens to appear, as they often do. Because bikes love Wilson and Gail Hubbell.

“They seem to have come my way one way or another, and we use every bike we own,” explains Wilson as he gingerly sets a mint condition Mercian road bike down. “I bought this one in 1972.”

The perfectly hammered Japanese fenders and retro tail light make the bike look like it could be part of a museum, but Wilson’s bikes aren’t for display. When thunderstorms hit on a recent multi-day ride through Montana, the perfectly maintained fenders made the rain tolerable: “They work really well to keep mud from flying up your back.”

Wilson’s wife, Gail, surveys the garage and lets out a sigh. “He’s the collector,” she insists. “I’ve got plenty of bikes. I don’t need any more.”

“I think I’ve got enough,” Wilson agrees, though the tone of his voice and the look on Gail’s face suggest this isn’t the first time he’s made such a proclamation.

The Hubbells have both been riding bikes since childhood. The longevity of the sport is something Wilson finds unique. He joined a cycling club as a teenager, and with the exception of the three years he served in the Army, he never stopped riding.

“The guys I went to school with are not playing football anymore, they’re not playing basketball anymore, but here I am, decades later, still riding a bike. I’ve kind of built my life around biking. That wasn’t so much intentional; it’s just always been there.”

The Hubbells both pedaled to work throughout their careers. Now retired, they continue to ride around town on errands and enjoy taking a few big trips each year. Gail likes the self-sufficiency of carrying and pitching her own tent, but Wilson...

Wilson and Gail are planning out biking routes for the Spring 2017 reunion in Long Beach, California.

It’s been there for Gail, too.

Partially obscured by the hanging bikes is a map of the United States. Lines of blue ink carefully trace the paths of Gail’s cross-country adventures. She’s ridden through all 50 states, including participating alongside thousands of other riders in the Bicentennial, the inaugural tour across the TransAmerica bike trail in the summer of 1976. She completed the entire route from Oregon to Virginia.

“I broke 19 spokes and went through three wheels that summer,” recalls Gail, “and I had the best quality wheels available at that time. There are a lot more options now.”

She would know. The couple’s collection of a couple dozen (the actual number is hotly debated) bicycles spans four decades and includes everything from mountain bikes to folding bikes and even a tandem. Which, Wilson says, might be their least used bike.

“You can have two people riding side-by-side all day long with no issue, but put them on a tandem,” he shakes his head. “It’s something about the chemistry. Our first date was actually on a tandem,” he laughs. Fortunately, they overcame that initial relationship hurdle. They were married at the Santa Barbara Courthouse garden in 2003.

The Hubbells both pedaled to work throughout their careers. Now retired, they continue to ride around town on errands and enjoy taking a few big trips each year. Gail likes the self-sufficiency of carrying and pitching her own tent, but Wilson...
THE HUBBELL FAMILY HISTORICAL SOCIETY

The Hubbell Family Historical Society (HFHS) is a volunteer not-for-profit organization, founded in 1981, to research the genealogy, preserve the history, recognize the achievements, and promote fellowship for the descendants of Richard Hubball, the immigrant. The Society invites membership from descendants of Richard Hubball of England and the New Haven Colony, Connecticut, from persons interested in genealogy and history, and from organizations supporting such activities.

President:
Marjorie M.H.K Hlava
Vice President:
Roger Hubbell
Recording Secretary:
Dorcus Aunger
Treasurer:
Jan Hubble Fulton
Editor:
Richard Wood Hubble

Annual Dues:
(Payable in U.S. or Canadian dollars)
Individual / Family (w/ minor children) $15
Contributing Member $50
Participating Member $100
Proud to be a Hubbell/Hubble $200
Societies and Libraries $10

Reunions:
Membership-reunion meetings are held every two years. The next Biennial will be held in Long Beach, CA in June of 2017.

For general information, write to:
Marjorie Hlava- President
P.O. Box 80784; Albuquerque, NM 87198
Phone: 505-975-5578
E-mail: mhlava@accessinn.com

Hilbert R. Hubble-Genealogist
2900 N. Leisure World Blvd, #411
Silver Spring, MD 20906-7307
E-mail: hhubble@comcast.net

Send articles for Family Notes to:
Richard W. Hubble
626 Birch Ave
San Mateo, CA 94402
E-mail: hubblerw@comcast.net

Scholarship Fund: (Gifts are tax deductible) and
Membership Chairperson
Donald C. Hubbell, Committee Chair
5102 Kenmore Avenue
Parma, OH 44134
Phone: 440-886-4148
E-mail: hubbmember@cox.net

Visit our web site: http://www.hubbell.org

The HFHS SCHOLARSHIP FUND RECIPIENTS FOR 2016-2017

The Scholarship Fund Committee thanks the society members for their contribution of $2,585.00 and to congratulate these two scholarship recipients. They each received a $1,000.00 scholarship to assist them financially in their continued education.

Sara Yeager

Sara is the granddaughter of Dorothy Moore of Waterford, WI (ME# 7541) and is a double major in liberal studies and biblical studies at Florida College. She plans to enroll in the graduate school program in English in order to become a professor and teach literature and language. Sara is a member of the traveling Speech and Debate team that has traveled to Washington DC, Baltimore and Austria, achieving awards in preparation speaking and oral interpretation events. She is copy editor of the yearbook, supplementary instructor of the first year course in Greek, assistant house manager of Footlighters (the College’s thespian group) and the Alpha Group (school service organization).

Ian Hubbell

Ian is the son of Nick Hubbell of Ludlow, VT (ME# 15260) and is currently enrolled at the University of Southern California’s Thornton School of Music studying Jazz Drumset. He has studied with the legendary musician Peter Erskine and has performed with Steely Dan, Diana Krall and has recorded on television shows and movie scores. Outside of class Ian has performed in the Los Angeles area including the Four Seasons main stage in Beverly Hills. He had the privilege to tour and perform classical selections in Spain, Germany, and with the Norwalk Youth Symphony. This semester he will complete a double major in BS Music Industry and Jazz Studies. Ian is also an avid athlete both in weightlifting as well as running a mile under 6 minutes. Along with his Mission Group he helped build a watering system in a rural Ecuadorian town where the town’s people had to travel miles to obtain water by bucket.

NOTE: Until the Millennium Edition (ME) of the genealogy is published and distributed (in 2017), Family Notes and the Annual will use the Additions & Revisions (A&R) numbering system to identify individuals. The ME numbering system will be used when no A&R number is available.

Visit our Facebook page at: https://www.facebook.com/groups/60701962948/

Our website is undergoing major renovations. Soon you will be able to pay membership dues and purchase merchandise through the website. Also don’t forget, all previous Family Notes and Annuals, along with other historical material, are available under the “Publications” Tab for reading and research. Go To: www.hubbell.org
While the HFHS has had a Y-DNA project going for years, through Family Tree DNA, the organization recently decided to expand its reach by allowing anyone with HUBBELL ancestry to compare their GEDmatch profiles through its website. This initiative expands the project into the area of autosomal DNA and is open to anyone wanting to trace their HUBBELL ancestry.

When many genealogists upload and compare their profiles on GEDmatch they are presented with hundreds of potential cousin matches that make no sense to them leaving them deadlocked about how to proceed. The HFHS hopes that this initiative will help those with HUBBELL ancestry to focus their matches by providing a pool of test kits with known ancestors and supporting historical records. More information is available through the HFHS website at:

http://www.hubbell.org. As researchers post their kits and contact information through the website it will be correlated into a chart which will be published periodically under the DNA tab. It is hoped that this will provide a new and unique way for researchers to use their GEDmatch data and that other family and heritage organizations will do the same thing.

The Hubbell Family Historical Society has members worldwide, holds biennial reunions in odd years with the next in Long Beach CA, publishes genealogical books, organizes research trips and maintains a library and archives in Des Moines, IA.

Submitted by Bob Dawes

The HFHS Presidents Report
June 4, 2016

It has been a busy year since I took office. The first order of business seemed to be getting all the committees populated and to give each of them some work to do. The strategic planning meeting we held in Cleveland in 2014 and the subsequent membership committee meeting of the whole in Cleveland this year provided plenty of options for people to work on. The list of all the committees and their members is on the website. You will see much of their activity through other postings there. The executive committee has been convened via email several times to vote on issues like whether to hold the Board Meeting on the Queen Mary. We added the DNA committee as a more formal function and re-activated the public relations committee. The nominations committee is already appointed so they can keep their eyes and ears open for candidates for board membership and officer candidates for the June 2017 elections. The finance committee is also now in place. All of this took some time and some people had life-events get in the way of their participation. This will be an ongoing task to keep the committees fully populated and active, but I do believe the more people active in a small way the stronger the society will become and the broader the membership engagement will be. Volunteers are always welcome as we have many options and openings for participation.

It also seemed that the information on the existing Policies, Procedures, and Administration of the Society were a bit obscure in their availability to members and haphazard in implementation. Past President Carol Boggs, supplied a draft electronic version to which I added in the reunion manual and added additional items which seemed prudent. The drafted manual was distributed to the full board for comment and posted to the website on the member’s only pages. It is still a work in progress and comments are welcome!

One of the clear duties of the president seems to be insuring the biennial meetings of the Society are established well in advance. So I asked Rich Hubbell, and his capable wife,
18TH BIENNIAL REUNION – LONG BEACH, CALIFORNIA
JUNE 16TH THROUGH JUNE 19TH 2017

Come join us aboard the legendary Queen Mary for the Hubbell Family Historical Society’s 18th Biennial Reunion in Long Beach, California! Relax in a unique stateroom – no two are alike. Catch up with friends and family in one of the excellent restaurants or bars. Explore the ship with a self-guided audio tour. Let the kids play in the Lego Room. Attend Family Meetings in a luxurious meeting room. Celebrate with the family at the banquet to be held in the Queen Mary’s opulent Britannia Ball Room. Not wanting to waste the atmosphere, we are planning a Big Band, circa 1936, themed banquet.

There are many activities in the immediate area of the Queen Mary. No need to drive, as Long Beach Transit operates the Passport shuttle, taking passengers to the Aquarium of the Pacific, Shoreline Aquatic Park (a park on the water), the bike/hiking path on the beach and Rainbow Harbor (lots of excellent restaurants). The Passport comes to the Queen Mary every 15 minutes. And the best part? It’s free! Belmont Shore and Naples are accessible by the water taxi. Gondola rides on the canals of Naples are relaxing, or you can stroll along the canals on sidewalks and admire all the water-front mansions. For more attractions check out: www.visitlongbeach.com.

Of course there are many attractions outside of the Downtown Long Beach area. There are the USS Iowa and the SS Lane Victory docked in San Pedro. Catalina Island is only a short boat ride away, and there is a ferry terminal right next to the Queen Mary. For more information check CatalinaExpress.com. Disneyland and Knott’s Berry Farm are perennial favorites.

The tour for the reunion is going to focus on our famous astronomer relative, Edwin P. Hubble who conducted his astronomical observations at the Mt. Wilson Observatory and taught at the California Institute of Technology, in Pasadena. We will charter buses to take us to the NASA/Jet Propulsion Laboratory, which operates the Hubble Space Telescope. After we tour JPL, we will have a picnic lunch and then drive on to the Mt. Wilson Observatory.

The 2.5 meter Hooker Telescope at the Mt. Wilson Observatory in Southern California, the world’s largest telescope from 1917 to 1949, forever altered our understanding of the nature and size of the Universe. Using this telescope in the 1920s, Edwin Powell Hubble measured the expansion of the Universe.

Edwin P. Hubble (A&R# 7805) b:1889 d:1953
World famous astronomer and the namesake of the Hubble Telescope
Reservations for staterooms aboard the Queen Mary can be made now by calling the Queen Mary directly at (877) 342-0742. Be sure to mention that you are attending the Hubbell Family Historical Society Reunion to receive special rates ranging from $139 to $179 per night. The reservation code is HUB0167. The reservation room block is from June 15 – 19, 2017. Additional days can be reserved before or after the reunion.

For additional information, please contact Richard Hubbell, reunion chair, at rahubbell@hotmail.com

The HFHS President’s Report: con’t from page 3

Colleen, if they would take on this meeting in Long Beach for the Board and the biennial in 2017. I was mightily relieved when they agreed! That meeting is scheduled to be held June of 2017 on the Queen Mary in Long Beach. Karen Wertenan had expressed interest in hosting a meeting as well. So in keeping with the tradition of rotating the meetings, east coast, west coast and central, the 2019 meeting will be in Houghton, Michigan. She is actively laying the ground work for that meeting as you will see from her report. We will need to find a host and location for the 2021 meeting somewhere in the east.

We still have an outstanding issue of when to have the biennial meetings. July and August are high travel seasons and expensive. Schools let out in June. So under the biennials committee reports, I would like to have a discussion and a decision by the board about when to have the meetings. If we want more young people we have to have the meetings when school is out of session. If we want working people we need to have them shorter (not a full week) for the core meeting so we can engage them for the meetings.

Our digital outreach, both on the website and other media has been a bit slow to take hold. The Facebook page has been more active (https://www.facebook.com/groups/60701962948/) and I believe gained us interest and members. It is now at over 200 members.

Hannah Herzog has been delightfully responsive in posting anything I need. Rick Hubble has posted and amazing array of information under the publications tab. The website committee got hit by adverse life events in the Cooper family. Chris Boggs has been a willing advisor but too busy to work on the site. It took a while to get the permissions and access to the site to make additional changes. But at last I was able to get my staff in Albuquerque to implement Pay Pal. People can pay for merchandise and membership online. http://hubbell.org/shop/ http://hubbell.org/about/membership/

After a more critical review Hannah has implemented many improvements on the site. We need additional thoughts and muscle on the website committee.

Donald C Hubbell is in the process of creating a specification for the new membership database which will be cloud hosted and available centrally as needed protected by a Secure Socket Layer with user name and password. It will initially be implemented on my servers and possibly moved to BlueHost when it is fully tested and populated.

As the society president, I was duly elected to the Hubbell Museum and Library Board as a Society representative in November 2015. I found it a good meeting and enjoyed the group. While there I got to spend some time in the library as well with Pat Dawson who was available as a resource to answer my questions. Harvey Hubbell V hired a camera crew to interview the Board. Optimistically we will eventually see those videos on the website.

One of the topics at the meeting was a request from the HFHS (us) to have “The Shop” hosted at Hubbell Center. Wonderfully the HML (especially Hubbell Reality) agreed to look for space for us to move the materials to. In addition, GREAT NEWS, Hannah Herzog said she would be willing to handle the order fulfillment. We definitely need more web help so she is not overloaded.

Hilbert Hubble has been putting the finishing touches on the 2000+ page new genealogy book (called the Millennium Edition [ME]) to be published in two volumes. At the moment there are over 800 photographs. Jaqi Enringman took on going through the most recent 2000 plus social security updates. We established a Book committee under the guidance of Roger Hubbell and the book
Anonymous Child was recorded on tape over a seven day period in 2012. Later, it was transcribed with few modifications and little editing. The resulting book is a difficult to read, “stream of conscience” narrative that is part confessional and partly a guide to help others with a drinking problem.

Bruce David Hubbell is the only child of Stewart and Evelyn Barr Hubbell, both of whom were recovering alcoholics during Bruce’s childhood. As a young child Bruce accompanied his parents to AA (Alcoholics Anonymous) meetings from the time he was two years old. Their home, in the upscale neighborhood of Grosse Point, Michigan (Detroit) was regularly used as an intervention center where Bruce was exposed to the emotional roller coaster ride of adults dealing with an addiction.

Bruce’s book chronicles his relationship and business failures largely attributed to his drinking. In 1964, at 18, after marrying his high school sweetheart, he began to drink. Throughout the resulting years, as his drinking binges increased, he sought help. For 5 years, in the 1970’s he became heavily involved with Werner Erhard’s EST program, a program aimed to “transform one’s ability to experience living so that the situations one had been trying to change would clear-up just in the process of life itself.” Next he experimented with Rolffing-a short lived therapeutic massage program. Lastly he became a devotee of a guru named Bubba Free John. None of these journeys of personal self-discovery stopped his desire to drink.

Although always drinking heavily-heavy enough to sabotage two marriages, a number of relationships and numerous businesses, he confesses that he stayed drunk from 1990 to 1996 and once, during this time, contemplated suicide. This was the bottom for Bruce and he knew he needed something else to help him end his addiction. In the late 1990s he began to attend AA meetings and now, after many years of recovery, considers himself a recovered alcoholic.

Bruce’s book is a sober look back at a privileged childhood and an adult life derailed by addiction. But its also a guide to help others with a drinking problem.

Today, Bruce is happy, healthy and alcohol free and living in Northern California.

Jennifer Hubbell-Thomas selected for NASA’s 'flying telescope'

Jennifer Hubbell-Thomas (A&R# 13401), an eighth-grade science teacher at Williamsville Junior High School in Williamsville, Illinois, is to be a part of 11 educator teams participating in NASA’s Airborne Astronomy Ambassadors program. The teams will be flying this fall and winter on NASA’s “flying telescope,” the Stratospheric Observatory for Infrared Astronomy, or SOFIA.

Jennifer, who teaches astronomy as part of the science curriculum made the application together with Stacey Shrewsbury, the lead flight instructor at the Challenger Learning Center in Normal, Illinois. The learning center, a tribute to the astronauts who lost their lives in the 1986 space shuttle disaster, has Mission Control and Space Station simulators and is on the campus of Heartland Community College in Normal.

SOFIA is a Boeing 747SP jetliner modified to carry a 19-ton, 100-inch-diameter telescope. A team of scientists and researchers aboard SOFIA will be studying a number of astronomical topics, including planets, moons, asteroids and comets in the solar system and nearby normal and active galaxies.

Jennifer will be observing and assisting with, to-be-determined, research projects -- teachers will be paired with on-board astronomers and other scientists -- with the idea of integrating some of the information into their classroom.

"I think (students) see science as something real as opposed to something they just read in textbooks," said Jennifer. "They see science in action and real people participating. Hopefully this will be an inspiration for them to go into any field of science."

"At 18, I went into a Navy recruiting office, and they said you can't be a pilot because I was wearing thick glasses and because I was a girl," recalled Hubbell-Thomas. "(Military pilots) were the ones who became astronauts, and that is what I wanted to do. But the doors weren't open to me."

As part of the application process, Jennifer has made several public presentations in astronomy,
Although John had a short stay in the military, he had two older brothers that made the Navy a career rising to influential positions. (1) The influence of his brothers, his conservative, pro-military perspective in his writings and the fact that he wrote for a conservative, patriotic magazine that was read by more people in the world than any other publication opened doors that few journalists could match.

In these pages, one finds human interest stories about post World War II military development and training. John was the first journalist to ride in, and report on, the Navy’s nascent nuclear powered submarine program in 1960 (read “Why we need Nuclear Showdown”) and the aviation accident that resulted in the loss of an H-bomb over Spain in 1966 (read “An H-Bomb is Missing”).

And he wrote about the Vietnam War. John had little respect for the political decisions that were being made in the conduct of the war effort. He was a hawk. He was largely the author of The Digest’s first editorial, in 1969, supporting the continuation of the war effort. Because of the editorial, a number of Digest editors resigned in protest. But the editorial would not have been published without Wally’s support.

John’s access to the decision makers is best exemplified when on May 6, 1970, two days after President Richard M. Nixon ordered the invasion of Cambodia, John was in the White House Oval Office interviewing both Richard Nixon and the President’s National Security Advisor, Dr. Henry Kissinger for an article in support of the action (read “He Dared To Stand Alone”). The President’s decision to invade Cambodia released a firestorm of protest in the US, culminating in the tragic killings at Kent State University and Jackson State College.

After the Vietnam War ended, John focused on the plight of the American Prisoners of War. After interviewing as many survivors as possible, he wrote a 600 page book titled “P.O.W. A Definitive History of the American Prisoner of War Experience in Vietnam, 1964-1973”. The book was published by the Reader’s Digest book division and a condensed version appeared in the Reader’s Digest.

The story about the decline of the Reader’s Digest is a cautionary tale. With the death of the Digest’s founder, a power struggle for control of the company erupted. The new management, through mismanagement, hubris and greed, drove one of the most popular publications in modern day America to its demise.

Overall it’s a good read from a unique perspective.

(1) John was too young to serve in WWII-he was 17 when Germany surrendered in 1945. When he turned 18 he joined the Navy to become an aviation radioman but when he finished basic training in August, Japan surrendered. John was discharged from the Navy in August of 1946.

Lester Earl (Les) Hubbell (A&R# 10581), John’s oldest brother, was drafted by the Navy in 1940 after graduating from Georgia Tech. He served in the Pacific theater during the war. After the war he was granted a commission in the Navy and would obtain the rank of Rear Admiral; the first non-Naval Academy officer ever to be promoted to this rank.

Charles Woodrow (Woody) Hubbell (A&R# 10582), John’s second older brother, joined the Navy and was commissioned and awarded his wings on December 8, 1941; one day after Pearl Harbor. Woody, among many duties, was the Navy’s Fleet Operations Officer during the Korean Conflict and would retire as a Captain. Both Les and Woody are buried at Arlington National Cemetery.
Con’t from page 5: The HFHS President’s Report

should go to the printer shortly. We have found a printer. The order form is included in the Family Notes.

The annual not-for-profit filings, the 990 and the Corporation papers were completed for 2015. I have also organized and filed all of my own papers for the society which include everything from the digitization specifications for Harold’s U.S. notes to the trading post project of Camino Bob. Felt good! The forms for the society have been slightly revised to change names, remove some dates and other enhancements. Donald C. Hubbell is especially attentive to and helpful with the forms. All are now on the website for easy access.

I visited the Hubbell Trading Post in early May to re-establish contacts — most of the staff we originally worked with has retired. They gave me a copy of the Navajo Hubbell genealogy to send to Hilbert and some contacts for the DNA study. One person is 98 and a descendant of JL through Ramon. That included in the Family Notes.

There are lots of ways to be more involved. Please contact me at mnhhlava@yahoo.com. I thrive on your correspondence, feedback, suggestions, and comments to keep me going. It is OUR society and together we make it strong, informative and fun!

Respectfully Submitted by:
Margie Hlava

Con’t from page 1: Wilson and Gail

prefers hotels. “I spent 18 months in a tent in Vietnam,” he says with a smile. “I’m over camping.” [See the story below for more on Wilson’s Vietnam experience]

Together, Wilson and Gail have pedaled through Hawaii, Portugal, France, Italy, Australia, and Switzerland. On one of their more adventurous journeys, they rode 1,200 miles across Vietnam, revisiting the places Wilson served during his tour of duty. They have the photos and the souvenirs, and, of course, they have the bikes.

More than a collection of well-maintained mechanical parts, the Hubbells many bikes are a testament to lives spent in motion, a scrapbook of past adventures, and a reminder of all the rides yet to come.

* Excerpts from an original article by Andie Bridges

**Wilson Hubbell** was a flight engineer on a CH47 helicopter in Vietnam, and this particular day they were out picking up some troops from an artillery unit, to move them elsewhere. “And then all of a sudden we hear this explosion, boom, really close by,” he said. “The base was being attacked.”

The Viet Cong had infiltrated the artillery unit, and were blowing up the ammunition, which was everywhere. The helicopter pilots sprang into action, and managed to get them away from the explosions.

“We gained altitude and came back over to see what’s going on,” Hubbell said. “And there was a group of soldiers that were trapped between the explosions and all of this concertina wire. They were just getting chewed up. The explosions were so close.

“But they could see us up there, and they were waving, ‘Help. Come get us.’ And we couldn’t, we couldn’t, we couldn’t do it. I mean, we would have lost the helicopter — we couldn’t get them. And then we flew away.”

Years later, Hubbell went back to Vietnam.

“My wife and I went back there and we did a bike trip from Hanoi to Saigon. It’s 2,000 kilometers, it’s a long bike trip,” he said. “I wasn’t sure I would recognize the place because so much had changed. But I could recognize the outline of the mountains, and I knew exactly where we were.

“I carried a shoulder patch with me, from the helicopter unit. And there was a tree growing in the site of where all of this happened. I left the shoulder patch in the tree.

“We left those guys, we couldn’t get to them, and we flew away, and we didn’t come back. I came back. I couldn’t do anything, but just remember what I had seen, and what happened to them. And that I had not forgotten.”

Con’t from page 6: Hubbell-Thomas

including at GirlTech, a two-day technology summer camp at the University of Illinois-Springfield (UIS) for girls entering the seventh, eighth and ninth grades. She has also volunteered at the Henry R. Barber Research Observatory, owned and operated by UIS, near Pleasant Plains, ILL, and has been part of the popular UIS Star Parties. Jennifer earned a master's degree from UIS in astronomy.

The instruments aboard SOFIA observe infrared energy. Because many objects in space, including newborn stars, emit almost all their energy at infrared wavelengths, they are not detectable in ordinary visible light. In other cases, clouds of gas and dust in space block visible light objects, but they can be seen with infrared technology aboard SOFIA.

Nick Veronico, a public affairs officer for NASA’s Ames Research Center that manages the SOFIA program, said members of the 11 teams have to complete a graduate-level astronomy class before making the flights. Each operation, with specific dates still to be determined, is 10 hours long, he said.

Hubbell-Thomas and Shrewsbury were the only team from Illinois, he noted. One-hundred-six teachers have been part of the Ambassador program since its inception.

Jennifer currently lives in Chatham, Illinois. She was part of the HFHS group that attended the launching of the Hubble Telescope in 1990.