

BULLSEYE

A TURNBULL CLAN PUBLICATION

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FROM CLAY TO BRONZE... PART ONE

On a day that began like any other day, William Rule changed history forever. He saved Scotland's beloved King Robert Bruce from death by wrestling a charging bull to the ground in the Caledon woods on the borderlands of Scotland and England. As a reward for his feat, William was given lands in Bedrule and dubbed Sir TURN-E-BULL. As the first Turnbull, he could never have guessed that his daring feat would be long remembered and that almost 700 years later be cast in bronze! But, today William and his bull are off to the foundry to become a permanent part of Borderland history.



Foundry workers prepare the monument for the next stage.

Artist Angela Hunter's months of hard work is now proceeding to the next stage. Her sculpture was created with a wax clay that unlike other clay items cannot be fired or dried. It's sole purpose is for sculpting. The finished artwork must be transferred to another material to make it permanent - in this case, bronze.

Liquid rubber is applied to this finished clay model. The rubber is in its liquid state and goes into every hole and crevice of the clay. It is applied a few millimeters at a time. It is allowed to set overnight, then another small layer is applied. This goes on until the desired thickness is reached. When dry, it forms a flexible rubber mold. Because the rubber mold is flexible, there needs to be a hard backing to keep it in place. Therefore, the moldmakers apply a plaster of Paris (or plastic) mold, called a "mother mold," on top of the rubber. Together, these two molds make up the "master mold." This "master mold" is separated into pieces and the mold is scraped clean, destroying the original clay mold. Eventually, the pieces are put back together and a wax replica is produced. The heat melts the wax and it is replaced by bronze.

Turnbull Clan Association

The casts of William's legs have been made and taken off and the horns and arms removed to gain access to the rest of his body.



William's front, now accessible, has been given the final coat of Silicone rubber.



The legs of the bull have been coated with plaster castings to support the rubber casting.



For a complete look at the monument and to track its progress go to www.turnbullclan.com, enter the site and click on Monument Evolution. Follow Turnbull history in the making as the Bullseye continues the progression of the Clay to Bronze monument in future issues. Stay Tuned!

www.turnbullclan.com

From the President

The concepts of modern economics and social equality which took root in Scotland and flourished in many free nations have served the world well but as we have been recently reminded only work if we honor their precepts and do not allow abuse. Economic turmoil and political tensions have filled the world with uncertainty and the hearts of many with fear.



We are here today because our ancestors overcame conditions and problems far worse. In times of turmoil and uncertainty we must remember to appreciate and encourage that which matters most in life - each other. Remember also to thank our Creator for life and to prepare for eternity.

In the drama *Our Town*, Thornton Wilder depicts Emily, a young woman who dies in childbirth and then is given the opportunity to observe a day of her life ☺. She is advised to "choose the least important day in your life. It will be important enough." Overwhelmed by the experience she says "I can't. I can't go on. It goes so fast. We don't have time to look at one another ... Do any human beings ever realize life while they live it?" The bard answers "No... The saints and poets, maybe they do - some."

*The Lord is my light and my salvation - whom shall I fear?
The Lord is the stronghold of my life - of whom shall I be afraid?
One thing I ask of the Lord, this is what I seek:
that I may dwell in the house of the Lord all the days of my life,
to gaze upon the beauty of the Lord and to seek him in his temple.
For in the day of trouble he will keep me safe in his dwelling;
he will hide me in the shelter of his tabernacle
and set me high upon a rock.
Teach me your way, O Lord;
lead me in a straight path
I am still confident of this:
I will see the goodness of the Lord
Wait for the Lord;
be strong, take heart and wait for the Lord. Psalm 27*

Sharing and Caring

Our thoughts and prayers are with George and Dale Turnbull with the loss of their mother.

BULLSEYE

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Family News

TCA member, Robert Turnbull has been selected as one of three recipients of the Butch Oustalet Family Distinguished Professorship Awards for 2007-08. He is one of three professors from the University of Southern Mississippi Gulf Coast to be chosen.

There are three categories for the award, research, service and teaching. Turnbull, instructor and laboratory coordinator in the Department of Biological Sciences, received the award for teaching.

Robert Turnbull, who strives to challenge students, has frequently taught a multitude of courses each semester, including the design of laboratories for several biology courses. The dedication Turnbull has for his students is evident through his mentorship. His students have submitted a number of comments that show respect, support and admiration for their instructor. One student's comment described Turnbull as a "wonderful instructor who goes the extra mile for his students."

The faculty members who were selected for the awards will receive a cash award and plaque to recognize their achievements. All Southern Miss faculty members were encouraged to nominate a colleague. Through this nomination process, the winning faculty members were selected.

Robert says that he loves teaching and that in itself is enough, but "it is nice to be recognized - especially by your peers."

Of his teaching position, Robert says "In my position as instructor and lab coordinator for the Department of Biological Sciences at the Gulf Coast campus, my goal is to provide students with the most current and relevant core curriculum while using the most effective instructional methods."



Above: Associate Provost Dr. Pat Joachim, Robert Turnbull and Mr. Oustalet

Robert earned his B.S. and M.S. degrees from Auburn University. He has been teaching at Southern Miss since 2005. Robert also heads and coordinates the TCA DNA project.

The Battle of Bay Bridge

Contributed by Dana Turnbull Hume.

"This is an online article about my cousin, Bruce Turnbull. I remember that day, when his jet hit the Oakland/ San Francisco Bay Bridge in 1968. A very hard day for a fourth grader, when the other kids had to read the headlines for class. Not a "pretty" article for a Turnbull, but it is part of history."

Originally developed from the Lockheed P-80, the first operational jet fighter of the United States military, the Lockheed T-33 "Shooting Star" first flew in 1948, and was piloted by none other than Tony LeVier, famed air racer, and chief test pilot for the Lockheed Corporation.

On January 23rd, 1968, a U.S. intelligence ship, the USS Pueblo, with 83 crew members aboard, was captured by North Korea somewhere just inside or outside North Korean waters. And, a week later, on January 30th, North Vietnam launched the "Tet Offensive" against all major cities in South Vietnam, including an attack on the U.S. Embassy in Saigon. While U.S. troops drove them out and General Westmoreland called it a "go-for-broke effort" that failed, the Tet Offensive shattered any belief in an approaching U.S. military victory in Vietnam among most politicians and the public.



Lt. Bruce C. Turnbull

Late on the morning of Sunday, February 11th, 1968, a pair of Naval reserve aviators, aboard their T-33B, prepared for their departure from the Alameda Naval Air Station to their home field of Los Alamitos Naval Air Station, near Long Beach, California. Attached to Reserve Attack Squadron 773, the two reservists, pilot Lt. Bruce C. Turnbull, 34, and Lt. Anthony V. Miller, 33, were completing a weekend-long training exercise drill.

Turnbull was from a well-to-do family. His father, Raymond W. Turnbull, had been regional vice president of General Electric, a

former president of Hotpoint, Inc, and a former executive with Edison Electric. Bruce Turnbull had been born in Bridgeport, Connecticut, but moved to San Mateo, California, with his family in 1948. He was commissioned a Naval officer in 1956. He was employed at a Los Angeles advertising agency and was the father of three children.

The jet launched into dense fog from Runway 31 at Alameda, and flew straight and level for two miles – when the hand of fate intervened...

Truck driver Ronald Terry, 25, of El Sobrante, was carrying 8,050 gallons of jet fuel on his truck on the San Francisco-Oakland Bay



Terry inspects the only damage to his truck, carrying over 8000 gallons jet fuel.

about 15 feet above the roadway, and him, on the bridge! "Stuff was raining down all over the place. All I thought of is where can I go from here," Terry said. "I got out as quick as I could. I looked down over the rail but I couldn't see anything in the fog."

The "Shooting Star" that Turnbull was piloting had crashed in the bridge – shattering and scattering flaming pieces of metal in front of cars, one large chunk landing on the hood of Terry's truck-tanker. Scorched debris from the plane, including a blistered red, white-and-blue Navy star insignia from one of the wings, laid scattered on the bridge deck. The Highway Patrol said scores of drivers maneuvered around the wing section before traffic was halted and turned back.

From below the bridge, Edward Mackey, the captain of the tug "Napa River," witnessed the accident. He said the plane plunged directly into the water. He picked up bits of debris and stood by until the Coast Guard arrived.

The bridge was, at the time, the third busiest in the nation, carrying an average of 150,000 automobiles and trucks a day. Surprisingly, no motorists were injured, but several said their cars were sprayed with oil, and the truck was apparently the only vehicle hit by the large pieces of airplane.

However, the five-lane, upper deck of the bridge was closed to traffic for over two hours. Many cars, trucks and buses from the Oakland side were required to turn about and head back to the toll plaza, and traffic was backed up for six miles on the Nimitz Freeway.

Navy divers and Coast Guard vessels searched wreckage, and the crew's bodies, for several days following. On the morning of Wednesday, February 14th, the nose wheel of the plane was found, and its location was marked by a buoy. Later that evening, the two bodies were found inside the cockpit of their T-33 when the fuselage was lifted from 50 feet of water about 600 yards north of the Bay Bridge. Also recovered was part of the starboard wing assembly.

(continued on page 6)

Bridge. The thick fog covered the bay, and he was driving westward towards San Francisco on the upper deck of the bridge's eastern cantilever span when, out of nowhere, a "flash of aluminum" caught Terry's eye, followed by "a streak of light..." He then heard an explosion and saw a fireball

TURNBULL BIRTHDAYS AND MILESTONES IN PHOTOS

Dawn Day reports from Australia that "my sister Joyce (Turnbull) Morrish has just had her 90th birthday. She had 'open day' with about 50 of her friends and next day a luncheon with the family."

Joyce has lived in Mount Gambier for 40 years. Her birthday celebrations included four generations of relatives. Guests included her sisters Elvie Tibbles and Dawn Day, brother George Turnbull, daughter Sandra, sons Ralf and Leon, granddaughter Jody and great grandson Matthew.

Making a great effort to attend the festivities was Joyce's grandson, Matthew, who traveled from Osaka, Japan to Mount Gambier, Australia for the occasion.

Celebrations included a Friday afternoon tea with friends and family at Joyce's home and continued on Saturday with a party at the Commercial Hotel in Mount Gambier.

Joyce, your TCA family adds a Meallagh Naidheachd (Congratulations) to you!



Joyce Turnbull Morrish celebrates her 90th birthday with four generations of family at her side. Above, she cuts her cake.

Please send photos and information about your special family times to editor@turnbullclan.com. Or by mail to Betty Turnbull, 5216 Tahoe Dr., Durham, NC 27713 - All photos will be returned.



Mardi Rachel Lilian Ledger celebrates 3 months milestone. Mardi is the granddaughter of member Cara Cox.

Cara Cox of Australia sends this photo of Granddaughter Mardi Rachel Lilian Ledger, celebrating her 3 month "birthday." The Lilian is Mardi's great grandmother, Lilian Goldring Turnbull. She is a sister to two year old TCA member Owen Edson Turnbull Ledger.

Turning 60!

Bullseye editor, Betty Turnbull, celebrates her 60th birthday with family. She enjoyed an afternoon of miniature golf with granddaughter, Daniela, son-in-law, Roberto, and daughter, Elizabeth. (She's taking the photo.) Roberto won - can you tell?



Above, Roberto Copa Matos takes his oath as he becomes a US citizen in Raleigh, NC.



Citizen Roberto!

It was a big day for the Copa family! Below, wife Elizabeth Turnbull and daughter Daniela celebrate Roberto's big day!



Turnbulls In The News

Turnbulls in New Zealand make the news when their yacht "Global" was the first to cross the finish line outside the Royal Port Nicholson Yacht Club in Wellington. The event, racing across the Cook Strait, is an annual event sponsored by eighteen wineries.

The fleet races north to Wellington, each carrying a padlocked case of new-season Marlborough sauvignon blanc. The wine is locked up until a prize giving ceremony to make a surprise out of which bottle made it to the North Island first - but also to stifle temptation, Mr Avery said.

In a previous year's race, one boat had been spotted zig-zagging wildly halfway through the race. "I don't think they trust us with the wine," he said.

Crew member, Doug Avery, of the "Global" says, "We left the start line at 9am, so that's about 4½ hours, so a pretty good time." Fellow member Jeremy Turnbull said the crew took a different route to the other boats to avoid a well-known rip, but conditions had turned out well for everyone. "We went way south. We ended up the most southern boat out there."

Most of the crew were Marlborough sheep farmers, but some, including skipper Ali Turnbull has stakes in vineyards.



Left to right, Jeremy and Tony Turnbull on the yacht Global in Wellington, toasting their victory.



Scones

- 3 c. unbleached all-purpose flour
- 2 T. baking powder
- 6 T. cold butter, cut into small pieces
- 6 T. sugar
- 1/2 c. golden raisins
- 1 c. milk

Preheat oven to 400 degrees. In a medium bowl, stir the flour and baking powder together until well blended. Using a pastry cutter, 2 knives, or your fingers, cut or rub the butter in until the mixture resembles coarse crumbs. Stir in the sugar and raisins and mix well. Quickly stir in the milk to make a firm dough. Turn the dough out onto a floured work surface and knead lightly until smooth. Roll out to a 3/8-in. thickness and cut into 2-in. rounds with a pastry cutter. Place the scones 1 inch apart on a parchment-lined or greased baking sheet, brush with a little milk, and bake in preheated oven for 15-20 minutes, or until lightly golden. Let cool slightly on a wire rack. Serve warm. Makes about 12 scones.

Time For a Tea Party

If you live in the Northern Hemisphere, days are getting a little colder and darker, a little less friendly for outdoor activities. It's a perfect time for a tea party. A tea party can mean other guests or a guest of one. Imagine snuggling up under your favorite quilt with your favorite book and a hot cup of tea accompanied by a warm homemade scone. And what better way to entertain the children than a tea party, manners and all. Here are 2 tried and tested recipes sure to be loved by all.



Shortbread

- This recipe is used to make shortbread for the Queen's tea.
- 2 c. unsalted butter, at room temperature
- 2/3 c. granulated sugar
- 4 c. pastry flour
- 1 1/3 c. cornstarch
- Superfine sugar for sprinkling

Cream the butter and sugar together until pale and fluffy. Use the electric mixer as long as the beaters turn. Stir flour and cornstarch together. Gently mix the flour mixture with butter mixture to form a soft dough. You can use a hand mixer until there is about 3/4 cup of flour mixture left then stir by hand or work in with fingers. Cover dough with plastic wrap, refrigerate 15 minutes, or until firm. Heat oven to 325 degrees. Dust dough lightly with flour and roll out to 3/4" thick square on a sheet of parchment paper. Transfer the parchment paper and dough to a baking sheet. Bake in center of oven for 30-40 minutes, or until lightly golden & firm to the touch. Remove from oven. Sprinkle with superfine sugar. While still warm, cut into 48 pieces.



The election date finally so close, the Detective could not help but want to include a bit of politics in this issue. And, the economy being very much in everybody's mind, the detective wanted to add something that could be useful.

First to the politics, did you know about...

Susan Turnbull, Vice Chair of the Democratic National Committee?

Susan Turnbull is a life-long community activist who has worked in numerous campaigns and Democratic Party leadership positions. She currently serves as Vice Chair of the Democratic National Committee, since elected in 2005.



As Vice Chair, Ms. Turnbull serves as an instrumental adviser on a number of key Democratic programs and initiatives. For a number of years she has been seen as an expert in women's outreach, Jewish outreach, and many other areas of political strategy. She is a frequent Democratic Party spokesperson on international cable television and talk radio programs, appearing regularly on FOX News and MSNBC. She regularly mentors women running for elected office, is a familiar face to our nation's young democrats and is the Senior Democratic Strategist for Women Impacting Public Policy (WIPP).

(In the name of fairness, Detective did not find information about a Republican, but will welcome entries from the readership).

As for the economy, Detective found the following site, with the offer to include any logo of any Turnbull business in the U.S. and Canada, free of charge:

Martin Turnbull hosts www.Turnbull.com and offers to list any link to any Turnbull business or home website in the USA or Canada free of charge. This offer includes the company or family provided logo.

To contact Martin visit www.turnbull.com. Click on email and send him the information he needs to list and link your site.

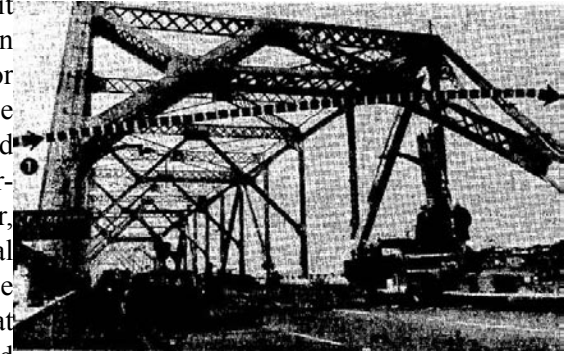
Until the next "isn't that interesting?"

A. Turnbull Clan Detective

Contributions to this column are welcomed at:
detective@turnbullclan.com

The Battle of Bay Bridge

One of the bridge's cantilever arches was blackened by the fireball, and a vertical girder was badly bent by the impact force of the crash. According to the chief engineer of the span, E. R. Foley, the plane hit one of five main truss stands for the structure. He said the bent and blackened portion of cantilever, weighing several tons, would be replaced, but that the crash would not affect the soundness of the bridge because none of the main beams was damaged.



The path of the T-33, as it cut across the bridge

Lieutenant Bruce Turnbull was buried at Golden Gate National Cemetery, in San Bruno, California, in Section W, Site 2465.

The naval air station is Alameda NAS. Alameda was identified for closure under the Base Realignment and Closure Program in 1993, and ceased operation in April of 1997. Attempts to redevelop the area have met with limited success.

The San Francisco-Oakland Bay Bridge remains open to vehicle traffic. The 1989 Loma Prieta earthquake collapsed a portion of the bridge not too far from where Turnbull's plane crashed 21 years earlier. A replacement span is currently under construction, and scheduled to open in 2013.

La Breith Sona! Happy Birthday!



Robert S. Turnbull II, Samuel J. Turnbull, Camden R. Turnbull, Cornelius Trommelen, Lynne Crooks, Dana Wayne Turnbull, Girija Karamcheti, Phyllis Paxton, Ben Turnbull, James B. Turnbull IV, Robert B. Starke Jr., Robert A. Trimble, William Bozman, Dale Hilding, Mark J. Turnbull, Brigitte Hagerman, Dennis Turnbull, Carol Turnbull Kugler, Timothy Jennings, Robert O. Turnbull, Murray T. Turnbull, Anthony Turnbull, George I. Turnbull, James F. Trombley, Nancy Turnbull, Virginia Trimble, Donna Brown, Thomas Brown, Mary Kay Hilding, Dawn Day, Geraldine Turnbull



Find the ☉ and win a box of Bulls-Eyes caramels! Tell me the page number, article and paragraph where the bullseye appears:

editor@turnbullclan.com

And the Winner is...

Kim Trimble

Congratulations!