

# Wheel Tracks



Avery's 1928 Packard Roadster  
is very close to its  
coming-out party

It has been a 4 year project,  
the picture on page 6 tells you  
the distance this beauty has come.

Packard's moto was  
"Ask a man who Owns One".  
Avery Hall is that man!



**The Official Monthly Publication of  
"The Vermont Automobile Enthusiasts"**



FROM THE PRESIDENT...  
DAN NOYES

### What a great year it has been for the VEA!

The Stowe and Shelburne shows were a huge success, we recognized six students from VTC with Fred Cook Scholarships, 16 Students from across Vermont were given Golden Wrench awards, and we were able to recognize our growing club into a more efficient organization. On top of it all we had some exciting monthly meets where new friendships were made and you may have even learned something new.

This year we have more great monthly meets lined up, starting in January at the St. Leo's Parish Hall. We will continue to build our relationship with Shelburne Museum with a show that will be bigger and better than last year. Our Education and Outreach committee will begin to build a stronger and more diverse education program to help students excel in automotive engineering.

As 2015 draws to a close, should you or an organization you belong to be fortunate enough to make charitable donations, please consider sponsoring a **VAE Golden Wrench Award**. Your tax deductible donation to the VAE of \$350 will put a set of Mac tools in the hands of a high school junior who has shown an over-and-above drive to continue to excel, in the field of automotive engineering. Each year we give out sixteen Golden Wrench Awards, a great investment to the future.

Looking forward to a great 2016!  
Respectfully submitted



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\$50 for 2 years

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Monthly deadline  
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## Merry Christmas and A Happy 2016 to all of you VAEers.

I don't think I am being over optimistic when I say our VAE is presently in one of the its greatest times in its 63 year history. We have added 38 members this year and have a very strong membership. We are in line this coming June for our 2nd show at Shelburne, after a number of years away. Bill Fagan and Ernie Clerihew....and the Shelburne Museum put on a car show last June that is still being talked about. This last **Antique and Classic Car Meet in Stowe** was also one for the record books. Bob Chase and Duane Leach hit a home run in 2015 and made it all look easy and old hat, but we all know they work their tails off.

Our **Golden Wrench Award** program is maturing very nicely. This coming April will be our 5th year and I can say all the Career Centers in Vermont know who we are now, we have had a very nice impact on a lot of high school students. The Champlain Valley Transportation Museum joined us last April and we hope they will build from their 2015 experience. **The VAE is getting better each year in its focus on education and I can't wait to see what 2016 brings.** The biggest and the best action that happened in 2015 is that YOU have now made the VAE into a streamline non-profit organization opening an unbelievable number of great possibilities for our future.



Another area to rejoice is the state of our monthly publication, **Wheel Tracks**. We have some of the best contributors we could ever ask for. **Dave Sander** and his **Dave's Garage** has become an institution for **Wheel Tracks** along with **The Softer Side** with **Nancy Olney** and **Mary Noble**. I can't imagine being without them each month. **Judy Boardman** is now the third **Softer Sider**, she will very much enjoy the company.

**My ninety year old mom, Edi**, has proofed every **Wheel Tracks** since I started as editor five years ago. You can't believe the times she has pulled me back from that "low IQ territory". **Thank you Mother**. Her recipes in **"The Roadside Diner"** has also become a hit and she invites anyone to join her if you have a favorite you would like to share. **Chris Chartier's "Auto ABCs"** is on V this month. What will we do when we hit Z in May? We can not let Chris just fade away. His highly researched old-car articles have been enjoyed by all of us. Any ideas for Chris....anyone?

I am not sure where **Clark and Isabelle Wright** get those great Burma-Shave signs but, Please, keep them coming, they are fun.

Is it my imagination that the classifieds are getting better lately? I hope 2016 will continue to bring in those great ads we see.

There is also a possibility we have a couple more **Wheel Tracks** writers in the wings..... You all enjoyed the story of Fred Gonet's **Locomobile** last month written by **"Rusty Bolts"**, wasn't that a great story? Well, I hope and believe we will hear from him again. Plus, another "potential" has let it be known he is willing to write a little for us, I am crossing my fingers.

Writing a little story or comment, sometimes, can take some time but the reward of expressing yourself is really fun. If you are interested and have some ideas, I welcome you to contact me.

**I will be starting a new column this month called "Wheel Tracks Academy", I will start small but hope it will expand. Your opinions and guidance are wanted and needed.**

As you know this publication is mailed to most of the libraries in Vermont and I have heard many stories of people waiting patiently for someone to finish reading it, so they can have their turn. I am very proud of our **Wheel Tracks** folks when a librarian tells me that.

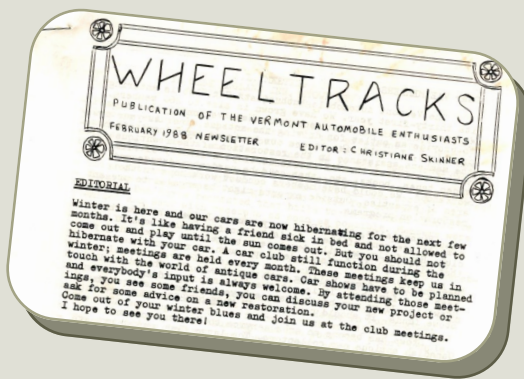
**So Thank You all for your work in making a great Wheel Tracks publication and a very Happy Holiday to you.**

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**It is with sadness** that we inform you of the death of **Christiane Skinner** on November 22, 2015, from brain cancer. She was the wife of Steven Skinner, she leaves two children, Nelson Skinner and Sarah Skinner, her father, and three sisters. Burial will be in Sainte-Agathe-des-Monts, Quebec in the Spring at the convenience of her family.

**Christiane was the editor of Wheel Tracks** for many years starting in 1987. She served as club secretary, membership secretary, and as a committee member for the Stowe and Essex car shows. She composed the French write ups for the Stowe Brochure, was in charge of pre-registration for Stowe, and carried out the computer work for Essex and Stowe judging forms and mailing lists. At one point she executed all these positions simultaneously. Christiane was a Travel Agent for many years at AAA, and until her death she was the Sales Manager for International & Domestic Tourism for the Vermont Department of Tourism and Marketing. The State of Vermont has recently renamed a prestigious award in her name. You can read about it here .....

<http://www.vttourismsummit.org/christiane-skinner-vermont-tourism-champion-of-the-year.html>





## "THE SOFTER SIDE"

A Column Shared by Mary Noble (Left) & Nancy Olney (Right)



### GOODBY 2015 FROM Nancy Olney



2015

If you are reading this, then Christmas is over and thoughts of putting this season away and what 2016 will bring are on your mind. Did I get what I wanted for Christmas? First, I don't know because I wrote this 2 weeks before Christmas and second, I really didn't ask for anything special but I'm sure I got something. We always say, 'don't get me anything' but somehow can't seem to honor the request. Just doesn't seem right not to open something, no matter how small or silly. One of my favorites has always been dried pineapple, so one year I went to the natural food store and bought enough of it to fill my stocking! Probably at least 10 bags and maybe more, we all got a good laugh out of it, so it was sooo worth it! **I forgot to tell you that some years Santa has been too busy to fill my stocking** so I do it myself, which really isn't so bad as I get exactly what I want and like and not what Santa is sure I'll enjoy!

**I think Christmas used to be better, I mean....** more fun and certainly more anticipated. Oh sure, I know what you are all saying, 'you can tell Nancy is getting old, she is talking about the "good old days" - all true! When I say better, I know being young is certainly a big part of it all but Christmas in the years before we had all that we needed or wanted, it made (in my opinion) the whole season something to really enjoy. This was a time to get what you needed, socks, pjs, new boots, coat and in our house, a new game for the whole family. Not to say we didn't get something we wanted, we did, but not to the fever pitch of today!



**I have received, over the years,** the typical, the unusual, useful, not so useful, what someone else wants, and the practical - like a snow shovel from my father-in-law - have to say never used the damn thing! Of course, telling him it was exactly the perfect gift! Don't you just hate the way people gift? Kitchen stuff to the merry housewife and manly stuff to the man of the house, with the exception of my shovel, of course, but I think that was on sale and my 2 sisters-in-law got one too!!

The last few years I have tried to convince the gift givers to give only edible things. It is not that I don't appreciate the things but have long ago run out of places to put them.

**Merry Christmas & a Happy 2016 Mary and Nancy**







Three contractors are bidding to fix a broken fence at the White House. One is from Chicago, another is from Tennessee, and the third is from

Minnesota. All three go with a White House official to examine the fence. The Minnesota contractor takes out a tape measure and does some measuring, then works some figures with a pencil. "Well," he says, "I figure the job will run about \$900. \$400 for materials, \$400 for my crew, and \$100 profit for me." The Tennessee contractor also does some measuring and figuring, then says, "I can do this job for \$700. \$300 for materials, \$300 for my crew, and \$100 profit for me."

The Chicago contractor doesn't measure or figure, but leans over to the White House official and whispers, "\$2,700." The official, incredulous, says, "You didn't even measure like the other guys! How did you come up with such a high figure?" The Chicago contractor whispers back, "\$1000 for me, \$1000 for you, and we hire the guy from Tennessee to fix the fence." "Done!" replies the government official. And that, my friends, is how the new stimulus plan will work.

\*\*\*\*\*

**JACK:** "Would you punish me for something I didn't do?"  
**TEACHER:** "Of course not." **JACK:** "Good, because I haven't done my homework ...."

\*\*\*\*\*

#### Advice from a VAEer....

If you think eggplant is good, you should try any other food;  
It's much better.

\*\*\*\*\*

Dear Charlie,

We've been neighbors for six tumultuous years. When you borrowed my snow blower, you returned it in pieces. When I was sick, you blasted your music. And when your dog decorated my lawn, you laughed.

I could go on, but I'm not one to hold grudges. So I am writing this letter to tell you that your house is on fire.

Cordially, Harry

\*\*\*\*\*

You know, I spent a fortune on deodorant before I realized that people didn't like me anyway.

\*\*\*\*\*

You know you are getting old when everything either dries up or leaks.

## Wheel Tracks Academy

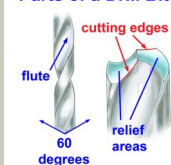


### Drills and Drilling

You can't make things without first making holes. The holes come easier when you know a few machinist's tricks

Using an ordinary bench grinder will work fine, maybe use an old bit to experiment first.

Parts of a Drill Bit



1) Hold the drill bit so that the cutting face is parallel to the grinding wheel surface. The idea here is to remove only as much metal as needed to clean up the cutting edge.

2) Slowly bring the bit into contact with the wheel. Keep the bit as straight as possible, without rotating it. We aren't trying to duplicate the original curvature of the factory grind. Instead, we're making a new, flatter cutting face.

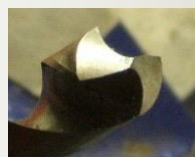
3) The heel portion of the cutting face should be ground slightly more than the edge. This will cause the cutting edge to contact the drilled surface first, when in use.

4) When you sharpen drill bits, metal is removed and the steel will begin to heat up. Dip the bit into water frequently to keep it cool. If it gets too hot to hold in your bare hand, you're either grinding too fast or not dipping and cooling often enough.

5) As soon as the cutting edge is sharp, spin the bit half a turn, and begin sharpening the other cutting face. The more evenly you can grind the two edges, the better the bit will perform.

6) When you've got both edges sharp, check to see if they are the same width. Look at the drill end-on. The two cutting edges should almost meet to form a point in the center of the bit diameter. There will be a short line centered between the two. If not, no problem; just grind a little more on the wider side until the two even up.

For a quick check, hold the tip of the bit against a piece of scrap wood and simply turn it slowly by hand. A properly sharpened bit will easily begin making a hole, even with very little pressure.





*From the front page ...*

This is what Avery Hall's 1928 Packard Roadster (model 533) looked like when he started the restoration 4 years ago. Quite a difference from the beauty we see on the front page of this issue of Wheel Tracks!

Avery found the car in Florida in the early 1990s when he and VAEer, Bryce Howells drove there and trailered it home to Burlington. The two are in a small group of 16 VAE members who have Packards, wouldn't it be great if we could see them all side by side, in all their glory, someday!



According to "American Cars Catalog" Avery's model 533 is the fifth series of 6 cylinder Packards that started in production in 1921. After 1928, Packard did not build another 6 cylinder car until 1937. The 33 in the model number means the wheel base is 133 inches. The L-head straight six with a bore and swing of 3.5 X 5 inches produces 81 HP and has 7 main bearings, mechanical lifters and the Packard updraft carburetor. The publication says there were 13,414 of the model 533s produced in 1928.

*Wheel Tracks has been corrected a few times on what the 5 really means in the model number 533. The 5 might simply mean it was the fifth series as noted above. We were told it also means the travel of the piston and one informant says the 5 means the number of passengers the roadster can carry. Wheel Tracks will publish any "corrections" that might be sent in our next issue....please stand by.*



There is no question about Avery's 533 when it comes to beauty and quality. When standing in front of the vehicle and looking along the side of the body you can find it has a beautiful curve as it reaches the rear of the car.....a little "boat-tail" feel!

The engine compartment is very simple and easy to understand it's workings. Even the Stuart vacuum tank is in full dress, as you can see to the left. Most of the white oak body frame has had to be replaced in Avery's 4 to 5 year restoration. The engine was rebuilt by the "Auto Shop" and the upholstery and top was done by Michael Lemire in Richmond, Vermont

The first Packard was built in 1899 in Warren, Ohio. In 1903 the main Packard factory opened in Detroit, it was designed by Albert Kahn and occupied 3.5 million square feet across 47 buildings on 40 acres and employed over 40,000 skilled workers. In 1956, when the factory was closed, it was claimed to be the largest abandoned factory in the world.







Edi Fiske

# The Roadside Diner



## Oatmeal Scotchies (Delicious Christmas Cookie)

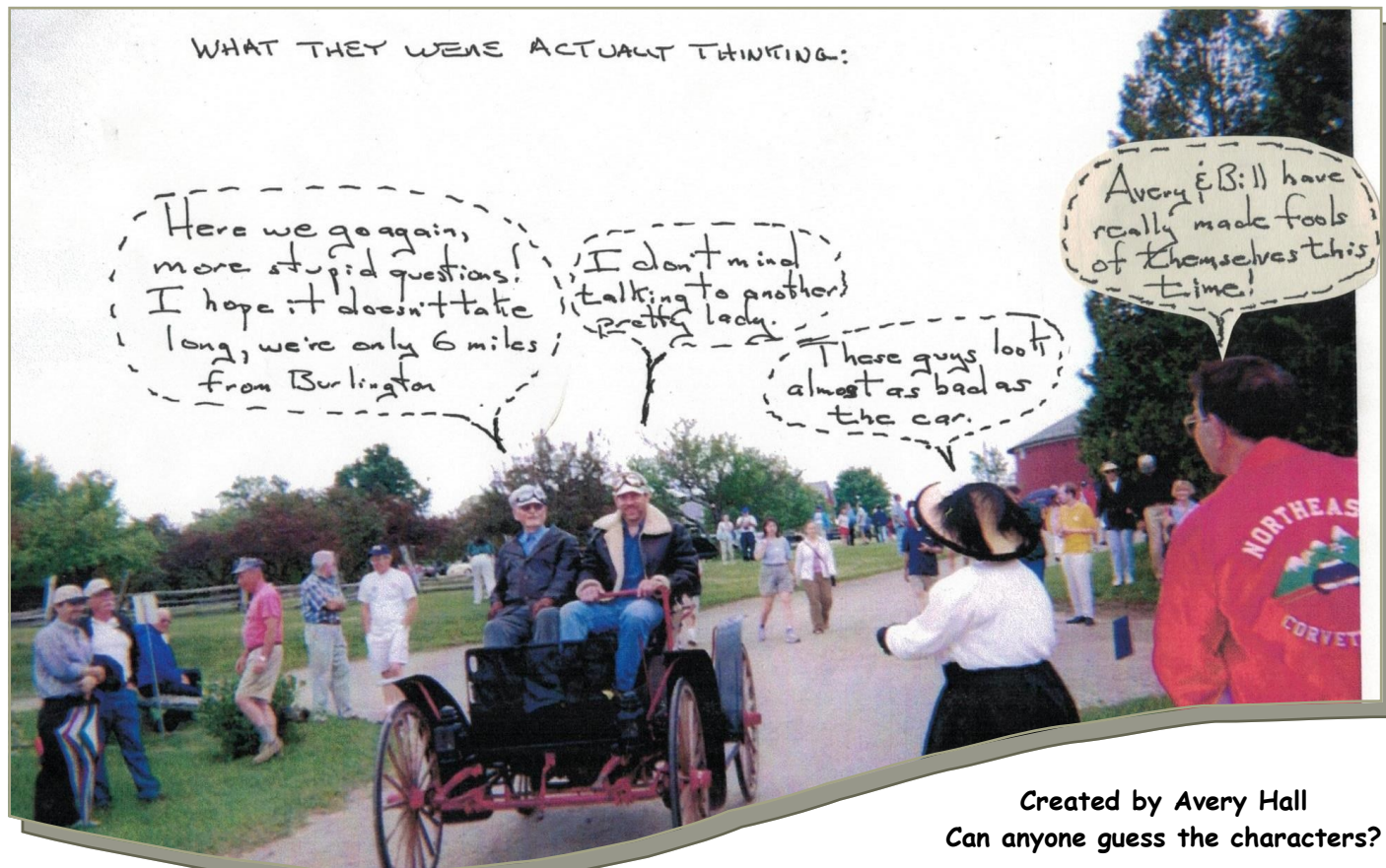
1 c. margarine  
3/4 c. sugar  
3/4 brown sugar  
2 eggs  
1 tsp. vanilla  
1 1/4 c. flour

1 tsp. baking soda  
1/2 tsp. salt  
1/2 tsp. cinnamon  
3 c. Quaker oats  
1 (12 Oz) pkg. butterscotch morsels

Heat oven to 375 degrees

Beat margarine, sugar, eggs and vanilla. Add flour, soda, salt and cinnamon, Quaker oats and morsels. Drop by spoonfuls on ungreased cookie sheet.  
Bake 7 to 8 minutes for chewy cookies and 9-10 minutes for crisp cookies.

Cool. Makes 4 dozen.



Created by Avery Hall  
Can anyone guess the characters?





## Dave's Garage by Dave Sander

Please send all inquiries to [dasander@aol.com](mailto:dasander@aol.com)



### The Parts Car

Several years ago the price of scrap steel went up. Way up. As a result of this rise in scrap prices, many salvage yards crushed and scrapped much of their inventory. This was not a good thing for those of us with older cars.

**Recently**, scrap prices have dropped, dramatically. This is good news for consumers of used parts for older vehicles. Salvage yards are less inclined to scrap inventory, and older cars taken off the road are less desirable for scrappers. A recent search on Craigslist led to the discovery of many available parts cars, all at reasonable prices.

**For older cars, Gates Salvage in Hardwick** has piles and miles of cars. For more recent cars, local pick-n-pull yards or Craigslist probably have the car you are looking for.

Purchasing parts cars can be quite valuable during restorations, and for maintaining an older daily driver. I recently purchased several Saab 900 parts cars. Parts for Saabs are becoming hard to get. It is very handy to have whole parts cars available when parts are needed. Often a whole parts car can be had for the cost of one replacement part.

**I have had many parts cars** over the years. I usually end up selling parts I don't need to other enthusiasts, often recouping the initial cost of the car. Once the car has been picked of useful parts, it goes to the scrap yard.

**The only down side** to having parts cars is storage. It is hard to justify valuable garage space for a junk car. A lack of adequate storage could be a problem. Ideally a parts car should be located in a garage, barn shed or in an outside area where the vehicle is not visible. Your parts car is an eyesore for your neighbors. Many municipalities have ordinances prohibiting possession of unregistered vehicles on the property. With a few tarps, a parts car looks the same as a woodpile.



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Photos added by editor....







A fast-one got pulled on a well-meaning VAEer last month. A good intentioned VAE person suggested a new feature that could be offered at the VAE Stowe Show next August. The good intention VAEer, who will be called #1, suggested it to VAEer #2.

VAEer #2 could not make it to the Stowe Show committee meeting so #2 asked another VAEer (we will call him #3) if he would make the suggestion. The end results was the committee would like to hear more and a research sub-committee was formed. Guess what....#3 and the Stowe Show committee elected #2 to head up the research. I will not put a hex on #1 and #3 but I have a lot of time to put a good get-even plan together....after I do my research job.



I heard a person cussing a Model A last week, I am just glad there were no Model A enthusiasts around! He was trying to put the A's distributor together and all he kept saying was how lucky he was to have old Dodges and Plymouths in his garage.... and only this one damned Model A. It seems the condenser has a little space it needs to be placed in and it is very hard to keep it from shorting the whole works to ground if you don't have it right. He said he thinks old Henry was looking to make a car that no one could steal, but there was a time last week when I think "that Model T" could be given away for free!

We might have an official VAE Stowe Show photographer lined up next August! We have come up short in years past and maybe we have solved our problem. He is driving a very hard deal but so far the plan is coming together. He wants a golf cart polished with Turtle Wax and he might even insist on a driver. He is a very good photographer and has great equipment so if you see him taking pictures please don't get him upset, give him a cookie and a good pose .....we need him very much.

I got my hands on some Derby Line antique Popple fire wood earlier this last summer...even got it delivered for free! Flat-landers call it Poplar or Aspen wood, but not us Vermonters....I have to say the wood burns pretty good in my shop stove as long as I keep the door closed....the smoke will blind you! Sure saves on my pile of maple and that tank of LP in the corner. Every time I throw a piece of the Popple in the stove it reminds me of a poem my Dad used to recite. Here it is to the right....

I joined Gael Boardman and Wendell Noble on a trip to Fred Gonet's restoration shop in Proctorsville a few days ago. It was great to see BJ and Fred again. Gael took his 1918 Locomobile to Fred to replace the ring gear....gosh that is a big car! The ring gear is around the flywheel and that is what the starter hooks into to get the engine going. This Locomobile's ring gear is built into the flywheel so Fred will have it removed by using a lathe and have a new one built and pressed on.

Fred's shop is the 2nd place I have been this month where, given the chance, I could spend days wandering through. It is a wonderland of old car books, parts, and machinery. There are even, (at the moment) along with the Locomobile, A Pope Hartford, a Knox and a Simplex parked in Fred's garage bays.

The 2nd "wonderland" place I have been this month is Avery Hall's office. If I had 2 days each in Fred's and Avery's places, I swear I could qualify for a degree in auto restoration....and an honorable mention in Snooping.

Bill Billado has sent Wheel Tracks a really great web site with hundreds of OLD CAR MOVIES. I have spent hours watching them and a different one every time. I will bet you a doughnut even Gael Boardman and Lloyd Davis, reputed non-internet guys, will seek these movies out....and if they do not, you need to tell them they are really missing out! It's a long internet address but give it a try, you will have fun watching them, for free. [tvraaca.org/oldmovies.htm#movie](http://tvraaca.org/oldmovies.htm#movie)

I received a phone call today from a friend who is "wintering" in Arizona. After he told me about how much golf he is playing and the 20 "weather-mentions", he told me about a neighbor who wants to sell his 1957 Chevy. He claims it has not been souped up and is very beautiful but did not mention a price. Give me a holler if you want to ask more questions, I can put him in contact with you. BTW..... I enjoyed telling him a friend and I went golfing the day before, in Essex, Vermont....the fiftieth of December, 2015

Beach wood fires are bright and clear,  
If the logs are kept a year.

Birch and fir logs burn too fast,  
Blaze up bright and do not last.

Elm wood burns like the  
churchyard mold;

E'en the very flames are cold.  
Poplar gives a bitter smoke,  
Fills your eyes and makes you choke.

Apple wood will scent your room,  
With an incense like perfume.

Oak and maple, if dry and old,  
Keep away the winter cold.

But ash wood wet and ash wood dry,  
A king shall warm his slippers by.



## "V" is for Velie, Wellbilt for modest money!

**Good morning enthusiasts!** You may have heard of the Velie in your tractor circles, they manufactured what was called the "Wellbilt" line in the teens and twenties. They also made a very good quality car while in the Midwest, though their product numbers never rose to astronomical levels. One very interesting point was their relation to the John Deere line of tractors!

**Willard L. Velie**, was the third child of the marriage between Stephen Velie and Emma Deere (yes, that Deere!) born in Moline, Illinois in 1866. As the grandson of the founder of Deere tractors, he was raised in a "privileged" home. He attended Phillips Academy in Andover, Massachusetts, and graduated from Yale University in 1888. The Yale class of 1888, like many others, had a variety of graduates, including Amos Alonzo Stagg, a versatile athlete and the only alum to be elected into the Basketball Hall of Fame and the College Football Hall of Fame and went on to having over 70 years coaching sports! Also a classmate was one Henry L. Stimson, who went on to have a very solid career as a statesman, serving as Secretary of State and later as Secretary of War.

**But it was his roommate**, Mr. Flowerree, the son of a wealthy rancher in Montana, that provided much of the stimulus to adult life. No sooner had Willard Velie graduated, than he headed out to Helena, Montana to court the sister of his roommate, a young Miss Annie Flowerree! They were wed in May of 1890, and perhaps to face up to the realities of leading a responsible life, he took his bride back to Moline, Illinois where he returned to the family business - John Deere Tractor - to start his career as a clerk.

**The following year he became the sales manager** and when his father died in 1895, he assumed his father's responsibilities as secretary of the firm and a member of the board. While still on the board of Deere, in 1902 he started a separate company to make buggies, which were rather well received and were of good quality. He formed another company a few years later to make and sell automobiles - The Velie Motor Car Company. The first car made in 1909 is still in existence today! His automobiles were marketed through the Deere dealership network and offered in the Deere catalogues of the time. His tractor line was not afforded such support. (Kinda like head on conflict of interest?)

**When his cousin became President** and CEO of Deere in 1908, Velie was promoted to VP and his close association with the firm lasted until 1918 when he resigned from the executive committee and eventually in 1921 severed all ties with Deere. By that time, his automobile company was certainly a "going concern." The year 1922 brought motors into the car

made and designed by the firm, though they had offered only 6 cylinder units from 1917. A few short years later, 1927, the straight 8 Lycoming engine was offered as an option.

**Willard Velie died of an embolism in October of 1928.** Control of the firm passed to his son, Willard, Jr., who stopped automobile manufacture and directed his attention on the airplane that they had been developing. In the spring of 1929, Willard, Jr. also died, and the aviation interests were sold to a firm in St. Louis, Missouri. Thus ended the Velie firm. The car was made from 1909 through 1928, just shy of two decades and there exists an active registry of some 200 + owners with running models yet! "V" is for more than "Victory", it stands for Velie, a Midwestern car that was well built with a John Deere connection! **Can't wait to see you all on the road, again! Respectfully, Chris Chartier**

## Greetings from Chris Chartier And His next "Auto ABCs"

Join us for a walk through the alphabet learning  
about obscure American auto makes



10 THE SATURDAY EVENING POST March 10, 1909

20<sup>th</sup> ANNIVERSARY MODELS



**VELIE differs  
from your neighbor's car**

YOU are seeking the more refined style of a car—moderate and efficient, as well as, but standardized luxury which puts in its quality and finish beyond comparison.

The eye is caught—its every detail is from your neighbor—your model don't want your car when your neighbor's model. Here you have Velie in your own model.

Distinctive and different, its form always shows the path of quality production rather than that of mass production.

So, in the new 20th Anniversary series of cars and models are presented in the first car.

greatest of the world, of experience acquired during these years, you will discover your car—your personal car.

Superior performance—working individuality—endurance—dependability—these are the qualities which make your car superior to any other car.

And you will make another discovery. You will realize, when you compare the modern price with the value of the car, one of the chief reasons for the previous Velie success—20 years of public confidence.

VELIE MOTOR CORPORATION, Moline, Illinois

*Long Life* **VELIE** SPEED AND ENDURANCE BY THE JOURNAL—1909-1910

VELIE 1909-1910. BUILT IN Moline, ILL. BY VELIE MOTOR CORP., Moline, ILL. U.S.A. PATENTED IN U.S.A. AND FOREIGN COUNTRIES.



## THE WOMEN OF HERSHEY by Gary Olney

There are a surprising number of women at the huge flea market/car show in Hershey, PA. and many very interesting ones. There is our favorite Hershey woman, **Sandy Pierce**, an annual attendee, a Vermonter and VAE member. Sandy is a very talented artist, including brass car paintings in various locations and a great supporter of her husband Tom's interest in early automobiles.



**Heide Hetzer  
& Her Hudson**

This year there was an exceptionally interesting woman – **Heide Hetzer** from Berlin, Germany, former rally race car driver and at 78 years 'young', she is circumnavigating the globe in her 1930 Hudson all by herself. Having passed through the Middle East, Russia, Mongolia, China, SE Asia, Australia, New Zealand, Canada and the U.S., she still has Central America, South America and Africa to go before returning home. Besides the expected car problems, she had an encounter with the Hudson's engine in Canada, losing part of two fingers and breaking a third. Undaunted, she continues on at 78!



Heide bought some rims from Vin Cassidy's vender booth. When asked what she owed him, Vin replied that he'd like to donate them for her journey and added: "How about a hug and kiss?"

There was another circumnavigator there as well, **Betty Swann and her husband Joe** traveled 10,750 miles over four months from Pennsylvania to the west coast and back in their 1912 EMF.



Our neighbors in the flea market, **Ken and Karen from Toronto, Ontario (left)** are a great couple. Karen is a great help to her husband and is a vivacious, very friendly woman with a great sense of humor and quite a weight lifter, as evidenced by lifting Vin Cassidy (see photo).



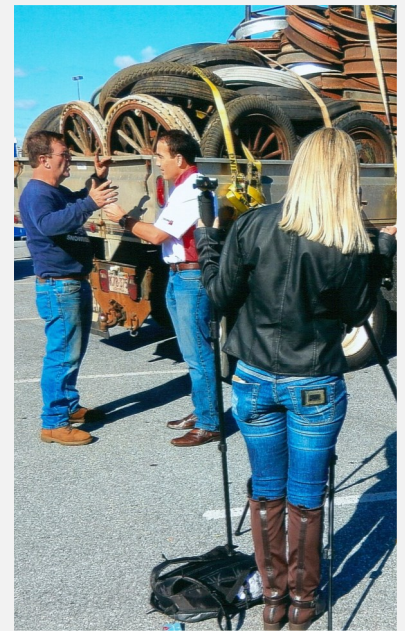
Then there was the **blonde videographer** from the Brazilian TV crew va-va-voom!! They interviewed Vin for broadcast on Brazilian Television.

And there was **Mrs. Chris Sorensen from Queensland, Australia (lower left)** dressed in period clothing, sitting beside their 1906-2 cylinder Buick, a wonderful addition to the car show on Saturday.



**Lastly, there was the rebuilder of machine tools.** Herb Singe, SR, 85 plus years old, attending his 65th consecutive Hershey show, was driving his curved dash Olds around the flea market with a beautiful young lady. (Herb always says he loves old cars and young women). This young lady was no more than 35 and probably closer to 25 years old, small and petite, and yet works on large machines, currently a milling machine. Vin Cassidy told her she had beautiful hands – clean yet with traces of grease. She had just visited the American Precision Museum in Windsor, VT., something that was on her bucket list.

**Obviously, there is much more to Hershey than just cars and parts.** There were surely many more interesting women there with stories to be told in the future years at Hershey (if I get permission to go!!)





# Pics from VAE's Past



Back row Left... Cummings, Next ?, Lloyd Davis, Next? Next?  
Front left.... Pev Peake, Ken Gypson,, Rod Rice



Pev Peake's Hupmobile  
Anyone know the year??

Lake Elmore, VT.



The VAE meet at Lake Elmore in August 1953



Above, Ken Gypson's boattail Franklin and the at  
a VAE meet in Essex



## AERO..... The University of Vermont Alternative Energy Racing Organization



Left is VAE President, Dan Noyes with 3rd year engineer students, Carlo Giorelli, Emily Bolt, Jack Thomae and Alex Raff

The AERO Club consists of about 20 UVM engineer students where ten of them are actively involved in designing and building this alternative energy race vehicle. This car is in it's third year of development and the deadline to have it ready for race competition is May 2016. This is the 5th vehicle the AERO program has built over the past 10 to 15 years.

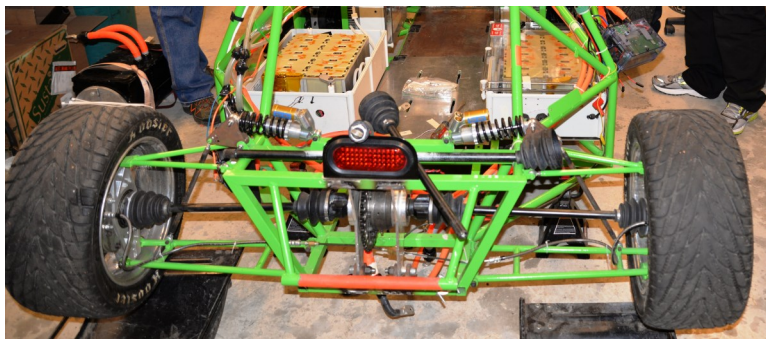
VAEers, **Don and Nancy Perdue** arranged a tour of the AERO shop at UVM where Dan Noyes and Gary Fiske met some UVM students who have their eyes on the future. This race car has taken many hours of research and hard work to reach the point that you see to the left and they seemed very calm as they look at the work needed yet to have the car ready for completion this coming May.

### Alex Thomae's, tell us a little about your work here....

*"This semester, I am working on covering the car with a more complete body than what we had this past year. The designed body uses an aluminum skeleton to act as a frame for a material called Oratex, an aircraft fabric manufactured by Lanitz Aviation. This fabric is the first major improvement in aircraft fabric covering since the introduction of ceconite following World War Two. This material was chosen because of its incredibly light weight and impressive strength characteristics. This fabric also has the advantage of being very safe to manufacture allowing us to apply the fabric to the car on UVM's campus, unlike materials like carbon fiber or fiberglass in which we would have to bring the car to an outside facility to make the body. All in all, the project is coming along well; however, it has now gotten too cold to make the body outside and it will have to be finished in the spring."*

### Emily Bolt tells our Vermont high school students how she made the high school to UVM transition.....

*"I attended a public high school right outside of Philadelphia, and in high school I wasn't really exposed to any actual engineering. I had calculus classes and I was even in an engineering class but we didn't really learn about any actual engineering, it was essentially shop class. When I got to UVM as a first year student, I attended the activities fair, and while other clubs seemed engaging, I saw the booth for AERO and I knew immediately that I wanted to be involved in that in some way. I have since helped design a few parts on the car and have been the club treasurer for 2 years. AERO has really given me a lot of perspective for all of my engineering projects in class as well as for practical design experience."*



Pictured left, you can see the student built batteries that will propel the car. They produce 90 volts and generate 600 amps. As you can see there are no "pumpkin" differential gears for this 4-wheel drive car, that task is accomplished with electronics the students have designed and built. There are, however, radiators placed at all four corners but these are to keep the electric drive motors cool during the race.

The top speed for the racer is about 70 MPH and the batteries are designed to get the racer from 0 to 60 MPH in 4 seconds.

The Formula Hybrid International Competition race will be held at the New Hampshire Motor Speedway, Loudon, NH from May 2 to the 5th. The website claims today there are **20 weeks, 2 days, 19 hours, 45 minutes and 55 seconds** for the AERO team to get their hybrid ready for the race and there seems to be a great plan to do just that.



**The 2013 AERO vehicle at the International Formula Hybrid Competition at the New Hampshire Motor Speedway!**  
**AERO placed second overall in the all-electric class, with first place finishes in the all-electric acceleration and autocross events.**

EVENTS.... WHAT'S NEXT ?

# VAE January Pot Luck & Memorabilia Meet"

January 9th, 2016 (Saturday)

At Noon in St. Leo's Hall,  
Waterbury, Vermont



From Shorpy.com

Above...

"Boy in telephone booth, Boston, 1963."  
Engaged in the archaic activity known as dialing a pay phone, as well as demonstrating the esoteric skill of booth-wedging.

Left....

Vermont circa 1905. "Steam drills, Rutland R.R." Ppppplease pppppardon the nnnnoise. 8x10 inch glass negative, Detroit Publishing Company.

Wheel Tracks is a monthly newsletter published in print and electronically for the public, and for the VAE membership.

Your editor and other authors are made aware of some new products, services or information that they feel may have value to VAE's membership. These products, services or informationals are not an endorsement by the VAE unless otherwise noted. The opinions are solely those of the particular article's author.

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with your \$ to our  
secretary





# Wheel Tracks Classified



**Vermont Engine Service Inc.**  
16 Krupp Drive, Williston

802-863-2326 OR 800-287-5488

**The largest engine machine shop in Vermont**

1/17

**January  
Bumper Sticker...**

Out of my mind  
(back in 5 minutes)

2/16

**WAITSFIELD MOTOR CAR COMPANY**

VAE President's Award Winners....

1912 AC Sociable	1948 MG TC
1925 Voisin	1927 Packard

Phone: 802-496-4277

E-mail: oldcar1@gmavt.net

DAVID G. STEINMAN

WAITSFIELD, VT 05673

**FOR SALE.....**

**1936 DeSOTO**

Airstream Special  
Sedan De Luxe in  
good condition.

This rare car is

100% complete. Very art deco model. Rare

fender skirts. Chrome and interior are nice.

Needs paint and some mechanical adjustments.

Original 6 cylinder engine. Very reasonably

priced at \$7,500US. The car is in Verchères,

Québec. Can arrange delivery.

514 805-1083



**Do you need a VAE  
name tag? Send \$7.00  
to Phyllis Skinner  
with correct spelling.**

**PO Box 208,  
Northfield Falls, VT.**

**05664**

\*\*\*\*\*

**How about a VAE  
banner for your car?  
Call Wendell Noble to  
order one.**

**802-893-2232**

**For Sale....** 2 Mustang transmissions, both  
3-speeds. One for 65-66 6-cylinder the other for 68  
-69 V8. \$40.00 for both

**For Sale....** 2 GM Wheels. One 17 inch the other  
16 inch. Both 8 hole with snap rings. \$1.00 each.  
Marvin Ball 802-425-3529

**For Sale....**We've got a real "barn find"!

**A '28 Willys Knight** 4 door sedan must be  
moved by spring. This is the car with a sleeve valve  
engine. The body is solid and everything looks to  
be complete except for the very desirable radiator  
mascot.

**Wanted.....** I would like to put a grill guard on my  
'27 Dodge. It needs to be about 20 by 29 inches but can make most  
any size work. Call Gary Fiske 802-933-7780



**For Sale....** This was my  
father's and I think it is a  
Model T. Currently it is  
in my garage.

I may be contacted at  
bbcuser@accessvt.com  
or 802-453-4037.

Beverly Landon, New  
Haven

Contact Wendell Noble  
(802 893 2232) if you are  
interested



**For Sale....** 4 Firestone nonskid tires, tubes and flaps, 36X4.5,  
Useable, \$100.00

**Free....** 4 Universal 30X3 all white tires. Dried out & cracked but  
never been on the road, with brass stem tubes, good for rolling  
chassis. You pick up.

Fred Gonet 802-226-7709 home or 802-226-7844 shop

**For sale or Trade....** 5-15 inch metal alloy wheels with scruffy  
tires mounted. Gael Boardman 802-899-2260.

**For Sale....** A Performance Plus brand 2-ton folding Engine hoist,  
used four times. Comes with load leveler. \$150 o.b.o.

Please contact Richard Reinstein [rickreinstein@yahoo.com]

**For Sale....** 1953 Ford  
F100 Street Rod.  
Volarie front suspension  
with drop spindles.  
Explorer rear-end, '85  
Mustang 302 with  
5-speed.

Just drove up from  
Tennessee, made the trip  
in great fashion.

I just finished building it recently. \$15,000  
John Leach, Enosburg, call 931-250-3528





**VERMONT AUTOMOBILE ENTHUSIASTS**

Please Send Dues or Address Changes to:

**Christina McCaffrey**

Membership Secretary

**89 Ledge Road**

**Burlington, VT 05401-4140**

*christina.mccaffrey@vtmednet.org*



Bill & Linda Kelly of Bridgton, Maine  
Owns this beautiful  
1970 Pontiac GTO Convertible

**January 2016**



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**Be Nice.....Buy a VAE Membership for a Friend**



**AERO.....**

The University of Vermont Alternative Energy Racing Organization is a student run group that works for the advocacy, research, and development of alternative energy drive systems.

This is their latest machine being demonstrated to VAE member. More on page 13

Picture taken by Don Perdue