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## Week 2

It is now week two of build season. There are four more weeks left to build and test our robot. We have been gaining momentum this week finishing projects and generally keeping schedule. Chairman's Award people have been hard at work. It's slow going, but it requires a lot of work and we are determined to win this year. They have been working on the essay and so far it is coming along quite well. Our camera woman has been gathering photographs for the Chairman's video. Also, they are beginning to create the Chairman's video. The build team has been working diligently on the robot. So far they have finished the drive train. They have completed the robot frame. We have a designated team of people who are working on overhauling the team website. They are learning how to design and create the website, as it has not been remade in over five years. It has only been two weeks and we are making good progress. We hope to continue the pace throughout the whole six weeks.

### Dean Kamen

Dean Kamen is the founder of FIRST Robotics. He is an inventor, an entrepreneur, and an advocate for science and technology. His goal is to spread the word about technology and to change the culture of the U.S.

As an inventor, Kamen holds more than 440 U.S. patents. Most of them for medical devices. When he was still a college undergraduate he

invented the first wearable infusion pump. He also invented the first wearable insulin pump for diabetics.

He founded a medical device company called AutoSyringe, Inc then later sold it. He also founded DEKA Research and Development Corporation to develop internally generated inventions.

Kamen has received

many awards for his work. In 2000, he was awarded the National Medal of Technology. In 2002, he received the Lemelson-MIT prize. In 2005, he was inducted into the National Inventors Hall of Fame.

For more information on Dean Kamen visit:

<http://www.usfirst.org/aboutus/founder>

### Quote From the Week

- "I don't make friends, I make best

### Joke of the Week

- what do you do with a dead scientist?

# Blast From The Past



Today we interviewed Mentor **Danny Nicholson**, a former member of the team. The interview goes as follows:

**1. What is your nickname? Why?**

“My nickname is Yellow pages I was the only one who had everyone’s number in my phone and contacted them.”

**2. What is your favorite memory from Robotics?**

“Nationals from 2009.”

**3. What college are you attending?**

“Henry Ford Community College.”

**4. What are you going to college for?**

“Engineering.”

**5. How has this experience helped you?**

“I learned time management from it.”



## Word Search!

K	M	S	F	I	R	S	T	R	Q	B	H	U	W
M	Y	R	C	O	Q	U	W	R	T	T	I	G	P
X	C	A	B	I	P	T	N	T	E	S	L	S	Y
S	M	O	K	N	T	S	C	I	T	O	B	O	R
M	T	H	G	B	L	A	A	M	U	W	K	A	D
S	M	M	I	A	T	E	M	G	Z	B	H	M	L
J	W	R	O	T	C	I	V	U	F	O	R	D	O
P	S	C	I	N	O	R	T	C	E	L	E	I	Z
E	N	A	S	U	S	Y	Z	A	L	N	R	H	P
H	I	M	R	A	U	G	A	J	K	C	P	D	S
R	I	W	E	A	U	T	O	D	E	S	K	C	I
C	C	O	O	P	E	R	T	I	T	I	O	N	W

AUTODESK, LAZY SUSAN, CIM, MIAT, COOPERTITION,  
 PNEUMATICS, CRIO, PSI, ELECTRONICS, PWM, FRC  
 TNT, ITT, VICTOR, JAGUAR, FIRST, ROBOTICS  
 FORD, ROBOTS

# Meeting The Team: Veterans

We interviewed the team veterans, people who have returned for their second or more year here at TnT. The questions asked goes as follows: 1. What is your nickname and why? 2. How many years have you been on the team? 3. What is your favorite memory from Robotics? 4. What is your favorite food? 5. What do you plan on going to college for? 6. Who is your biggest inspiration? 7. What is your subgroup? 8. Why did you join Robotics?



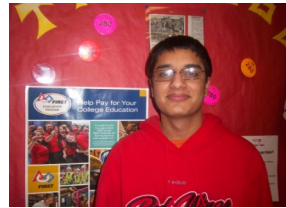
**Grant Okdie**

1. "Raptor because I thought a Jaguar was a Raptor."
2. "Two."
3. "Competitions."
4. "McDonalds"
5. "Engineering"
6. "My grandfather."
7. "Electronics."
8. "Because my cousin made me and it seemed like it'd be fun."



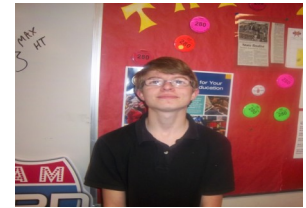
**Jason Farris**

1. "Calcwatch because I have a calculator watch."
2. "Two."
3. "Competitions."
4. "Mushroom soup."
5. "Game design."
6. "Markus 'Notch' Persson."
7. "Electronics."
8. "I thought it'd be a cool thing to do."



**Harsimranjit Sekhon**

1. "Hj because my first name was too hard to pronounce."
2. "Two."
3. "Building minibots."
4. "Chinese."
5. "Theoretical Physics."
6. "Isaac Newton."
7. "Programming."
8. "I like physics."



**Alex Vick**

1. "Lil Clay because I look like Clay Maranville, one of the engineers at Ford."
2. "Three."
3. "Being at States."
4. "Cheeseburgers."
5. "Double major in Electrical Mechanical Engineering for a degree in power engineering."
6. "Tesla."
7. "Electronics."
8. "Because I have a disease, a disease that requires the smell of steel and wire."

## Words to Know!

For those of you who do not quite know all the vocabulary us Robotics kids tend to use, we have compiled a list of words for you to know.

1. **Chairman's Award**– Chairman's Award is the most prestigious award a team can receive. It is given to the best paper and presentation of everything a team has done to spread the FIRST message and help those around them.
2. **Lathe**– A large machine that we use for shaping small objects into usable parts, such as small metal cylinders into hubs for wheels.
3. **Denouement**– Falling action, untying of knots.
4. **Coopertition**– Displaying kindness and respect even during fierce competition. Teams should cooperate even if they are competing.
5. **Gracious Professionalism**– The act of displaying kindness and respect while still competing like crazy and trying your best.

## Poll: Favorite robot movie

We took a poll and asked everyone what their favorite robot movie is, these were the results:

1st- I-Robot

2nd- Real Steel

3rd- Wall-e

4th- Terminator

5th- Short Circuit

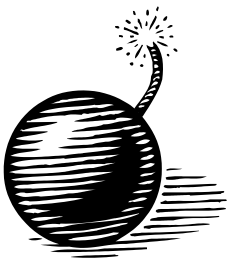
6th- The Iron Giant

7th- Robots



## Build Team Updates

Down in the machine shop, team members have been hard at work. They have all been busy working mainly on the robot frame. Jared has most recently been turning parts on the lathe. They are called hubs and they go on the wheels. Alex has been cutting angled metal strips for the shooter mechanism. Mark also worked on the frame which now has wheels and CIM motors.



### Quote of the Week

"Good things come in good time."

-Wiz Khalifa

### Answer :

- Barium

### Ask Sparky

Got any questions? Need any advice? Submit them to our box in the Robotics room and your question could be answered on our next article!

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