



THE REBOILER

Brought to you by the
Purdue Chapter of the
American Institute of
Chemical Engineers

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Chief Editor:
Amanda Acosta

THE HEART OF TEXAS: 6th Street



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By Nathan Keen - Chapter President

For everyone that is not familiar with the AIChE national conference, it is an opportunity for AIChE undergraduates to get together and network. This year the conference is being held in Austin, TX.

This year's sponsor for the conference is the University of Texas.

The University of Texas ranks at the top for undergraduate population, somewhere in the ballpark of 50,000 students. You might ask, "What these folks do on a Thursday, Friday, or Saturday night?" The simple answer is 6th street.

I had an opportunity to visit 6th street this summer on the 4th of

July weekend. Although the students weren't in town, I have to say that it put Chauncey Hill to shame. For example, I am not sure why they call 6th street a street at all. The "street" is closed down nightly so that thousands of drunk college students can be rambunctious and attend outdoor concerts.

I did not have the energy to visit each one of 6th streets twenty or so bars, however I did get to visit some of the chart toppers. I recommend for anyone going to Austin that you have a beer in the Library. No, that is not a misquote, this two story bar is equipped with bookshelves and all. However, most libraries don't have pool tables and air hockey.

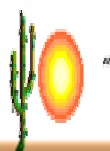
For the pirate in the family, Treasure Cove is the place to be. Equipped with fish tanks and a fake mast this place has a great atmosphere. In addition, a great dance floor for those looking to get on down.

Finally, for the people that wish they were an English major, I recommend Shakespeare's. They do not have an amphitheater, but you might get a show from that "random drunk guy" that likes to make a *jester* out of himself.

In conclusion, for all of you bar-hoppers out there, Austin is the place to be.

AUTUMN IN AUSTIN

By Liz Tocce - V.P. External



November is almost here, and that means it is time for the annual AIChE National Student Conference. It is a time to bring young, enthusiastic chemical engineers together to share ideas, stories, and double beds. As many prepare for this year's exciting weekend in Austin, Texas, I would like to extend my wisdom from past conference experiences....well, I've only been to one, so my wisdom is minimal. Instead, here is a list of quotes from some of my favorite movies.

Can you "Name That Movie"? Give yourself extra points if you guess the correct speaker. (Hint: there is also a theme)

1. "Didn't say a dime. Two dollars."
2. "It's not that we're afraid - far from it.

It's just that death, it just isn't us."

3. "Hey, you guys!!!"
4. "I thought everybody in Indiana played basketball."
5. "Most women at one time or another have faked it."
6. "You'll shoot your eye out."
7. "Strange things are afoot at the Circle-K."

8. "I don't want to sell anything, buy anything, or process anything as a career. I don't want to sell anything bought or proc-

essed, or buy anything sold or processed, or process anything sold, bought, or processed or repair anything sold, bought, or processed. You know, as a career, I don't want to do that."

9. "Oh, he's very popular, Ed. The sports, the motorheads, geeks, sluts, bloods, waistoids, dweebies, dickheads-they all adore him. They think he's a righteous dude."

10. "No more yankie my wankie. The Donger need food."

11. "Man, that's a real shame when folks be throwing away a perfectly good white boy like that."

(Answers on page 8)

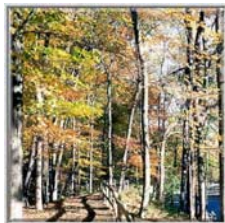
EDITOR'S CORNER

By Amanda Acosta



Get out!! That's right, it's time to pry yourself away from ASPEN, step outside, and enjoy the autumn weather. Mid-term evaluations and daylight savings time signals the end of the Fall season. Last week, we received a preview of the bitter winter to come, so we should take advantage of the pleasant temperatures and stunning autumn colors. There are several parks nearby to wander, and if you're up for a mini-road trip, the rolling hills and forests of Southern Indiana are a welcome change to our barren corn fields. Ditch your ChE textbooks and savor the beauty of nature (for a little while, anyway)!

HAPPY HOLLOW PARK



Location: West Lafayette, IN
Trail Entrances: Grant & Salisbury St., Garden St., Rose St.
Amenities: 1 mile paved hiking, 1 mile of footpaths, 2 volleyball courts, 2 playgrounds, softball field

CELERY BOG NATURE AREA



Location: West Lafayette, IN
Trail Entrances: Lindberg Road
Amenities: 7 trails in Scifres-Maier Woods Nature Preserve, Lilly Nature Center, 4 mile pave Cattail and marsh trail, 1 mile footpath

WABASH HERITAGE TRAIL



Location: Battlefield County Park to Fort Ouiatenon County Park
Description: 13 miles, begins near Tippecanoe Battlefield County Park and follows Burnetts Creek and the Wabash River to Lafayette, at the end trail continues through Tapawingo Park and along US231 and South River Road, ending at Fort Ouiatenon.

TURKEY RUN STATE PARK



Location: Marshall, IN (1.5 hours SW of Lafayette)
Description: 11 hiking trails (easy to very rugged), horse trails, canoeing, fishing, camping sites
Terrain: Deep canyons, sandstone cliffs, hemlock groves, ravines carved by glaciers, forest-covered trails, Sugar Creek

BROWN COUNTY STATE PARK



Location: Nashville, IN (near IU)
Description: 70 miles of bridle trails and over 12 miles of easy to rugged hiking trails, fishing, camping, swimming
Terrain: Wooded land, ravines, upland terrain, lakes and streams

For more information on Indiana parks, check out these websites:

- <http://www.in.gov/dnr/parklake/>
- <http://www.parks.city.west-lafayette.in.us/>
- <http://www.turkeyrunstatepark.com/>
- <http://www.browncountystatepark.com/>
- <http://www.prophetstown.org/>
- <http://www.county.tippecanoe.in.us/departments/parks/>

CHME-quip

Each letter stands for another letter in the alphabet. Use the clues and your ingenuity to solve the code to your favorite professor's quotes. And you thought lectures weren't interesting?!?! Clues: K = A, O = T

"ORKO'P KE JVMMEKZ 'G.O. RKVVMP' FVJIZQG.....PJGQJEQ RKP

FVJIKIZ CPQH MO IQJVQ." - 'ORCEWQV' RKVVMP

WHERE EVERYBODY KNOWS YOUR PAIN?

by Alex Schenck - Student/Faculty Relations

What's up CHEs?! We're halfway through the semester and its time to start catching up so we aren't behind for finals. In the midst of all the studying why not stop by a Student/Faculty Luncheon or a Pubbing with the Profs? The luncheons are a big hit with all you poor, starving college kids, but in the past the Pubbings have not had great attendance from you CHEs.

This year we are having Pubbings at Jakes (since Roxy's is closed now) and there will be euchre tournaments, drinking games, and anything else you would want to do at a bar with your fellow CHEs and CHE Profs (subject to age). The first Pubbing with the Professors is this FRIDAY, October 29th!

The luncheons will be held in room 309, and will be on Wednesdays from 12:00-1:30 p.m. Subway was a big hit for the first one and pizza is always a winner (for the 2nd one).

We were thinking about getting PotBellies to cater for the third and final luncheon in November, let us know if you have any other ideas.

We hope that you can find the time to sit down and relax with the faculty, have some free food, have a beer (or 25 beers, if you really want to leave that impression with Dr. Harris) with the professors, and get to know them outside of lovely 302!!

THE CHEM-E-CAR THAT CAN!

by Jim Anderson - Chem-E-Car

If you have kept your ear to the streets long enough, you will hear a thunderous roar throughout campus. That roar is the Chem-E-Car! After winning the regional competition last spring, the Chem-E-Car is being prepped to whip the best the nation has to offer when it travels to Austin, Texas at the beginning of November for its national competition.

This is no street legal car, it has been specifically modified to run on a new type of fuel that is sweeping the nation—vinegar and baking soda. After winning the national competition, the current car will have a long and prosperous retirement acting as a brainchild for many Chem-E-Cars to come. We all know excitement for the car is at an all time high, so hang on to your seats folks. Development is underway for a newer, better, more exciting Chem-E-Car which will compete at the upcoming regional competition in spring of '05.

Though much of this new car is shrouded in secrecy, sources tell me it promises to be just successful as its predecessors.

NOTE TO SELF

By Albert Faulkinbury - Industrial Relations

Since our occupation is one of learning, I thought that the following tidbits of knowledge would be useful:

- Never, under any circumstances, take a sleeping pill and a laxative on the same night.
- If you had to identify, in one word, the reason why the human race has not achieved, and never will achieve, its full potential, that word would be "meetings."
- There is a very fine line between "hobby" and "mental illness."
- People who want to share their religious views with you almost never want you to share yours with them.
- You should not confuse your career with your life.
- Nobody cares if you can't dance well. Just get up and dance.
- Never lick a steak knife.
- The most destructive force in the universe is gossip.
- You will never find anybody who can give you a clear and compelling reason why we observe daylight savings time.
- You should never say anything to a woman that even remotely suggests that you think she's pregnant unless you can see an actual baby emerging from her at that moment.
- There comes a time when you should stop expecting other people to make a big deal about your birthday. That time is age eleven.
- The one thing that unites all human beings, regardless of age, gender, religion, economic status or ethnic background, is that, deep down inside, we ALL believe that we are above-average drivers.
- A person who is nice to you, but rude to the waiter, is not a nice person. (This is very important. Pay attention. It never fails.)
- Your friends love you anyway.



WE CARE!

By Damon Jones - Community

Hey all you CHEs out there, hopefully your semester is going pretty well. The Community committee heads in AICHE are really excited about the events we've had and the other activities we'll be having in the coming weeks.

The time to volunteer for our first round of activities is NOW...seriously, today or maybe tomorrow (depending on the day this article actually gets published). If you have time to read this, then I'm sure you have time to go out, have fun, and act like a kid again. What am I talking about? The Columbian Park Zoo is having its annual Boo at the Zoo on October 27th-29th from 5:30 - 9:45 p.m. each day. Volunteer times are from 5 - 7:30 p.m. and from 7 - 9:45 p.m., with food and drink provided. All you need to do is bring a body to fill a costume with. The event is taking place on Park Avenue in the park right across from Home Hospital on State Road 26. Dress up for a while and scare some kids, I guarantee it'll be as much fun as anything else you could be doing during these times. On a more serious note, we're also going to the Lafayette Urban Ministry homeless shelter to serve food on the 29th of this month. If you're interested in helping, you can help that day, in December, or one next semester.

Coming up shortly in November, the Community and Out-

reach committees will be traveling to Austin, Texas for the annual AICHE student conference. There, we will be giving a workshop for other schools on community service and outreach programs for kids. Hopefully, the other schools will be able to put our ideas and suggestions to good use as they improve their programs.

We still have a number of activities left this semester. In the middle of November, we will be sponsoring a canned food/clothing drive to help the less fortunate as the winter months start to descend. All the food and clothing we collect will be donated to a local charity to be distributed amongst those who need it most. In December, we'll be having a philanthropic event to raise money for local charities. To raise money, we will coerce, I mean... convince a CHE professor to dress up like Santa for a day during dead week. To decide which professor will have the honor of being St. Nick for a day, students will vote by donating money. Santa might even find some elves amongst the CHE students: who knows? And finally, we are sponsoring a blood drive on Tuesday, December 7th with the help of the Lafayette Community Blood Center from 10 a.m.- 3 p.m. Please come out to one or all of these events to show your support for the organization.

IT'S RAINING MENTORS

By Elise Fang - Mentor

There are four sources of mentoring for chemical engineering students: faculty, undergraduate counselors (Ms. Janet Siebenthal and Ms. Sandy Hendryx), counselors in industry, and other students and student organizations. Currently in place is a new system of faculty advisors who will remain with the student until he or she graduates. This system leads to improved communication between students and faculty and also enables there to be fewer faculty who will focus only on seniors.

There are many reasons for the student to take advantage of their faculty mentors:

- Your mentor/advisor will know you well enough to be your reference and write letters to potential employers, graduate/professional schools, and scholarships/fellowships applications.
- Your mentor will provide professional/academic advice on coursework/specialized plans of study and post-graduate opportunities.
- Your mentor will provide advice if any problems arise.

What you have to do:

1. Identify your primary mentor.
2. Identify "back up" mentors (in case primary mentor is absent).

3. Get emails and phone numbers of mentors.
4. Send emails to your primary mentor to establish contact.
5. Make arrangements with mentor to meet him/her and ask for appointment or advice. Each mentor will make his own plan to establish and maintain contact.
6. Anyone who did not receive an email with mentor assignments should talk to Professor Elias Franses to be assigned to a mentor.



FOOTBALL TEAM TAKES EVERYONE BY STORM

By Nick Shish - Social/Athletic

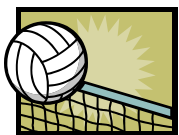
The AICHe Men's Football Team had some goals at the beginning of the season. They were to win, win, and win. And so far, everything is going as planned. The team has won all three games it has played (and one forfeit) and is ready to take a top seed in the playoffs that started this week.

The toughest game the team has faced was the NSBE – the National Society of Black Engineers. With five minutes left in the game, AICHe was down 12-0. Then Brent Hubert threw a pass of which Kyle Orton would be jealous that traveled 35 yards downfield right to a streaking Nick Shish, who ran the other 20 yards for the touchdown. The pass to Shane Kling for the extra point was just out of his reach, so the score was 12-6. With NSBE poised to run out the clock, Mike Priscal stepped up. On a third down, they dropped back to pass and threw deep down the middle. Mike stepped in front of the pass, intercepted it, and returned it for a touchdown. The score was now tied with around one minute left in the game. Nick took the snap on the extra point and dove into the end zone to make the score 13-12. But hold on! The head referee called it out of bounds. This caused the three referees to huddle up and discuss the call. They decided that it was a score and AICHe was up by one. AICHe held on to the win by knocking down a pass in the end zone as time expired.

AICHe receiver/cornerback Shane Kling had this to say about the team's chances: "We got a chance to take this whole thing. I take pride in being able to tell people that AICHe is beating other teams. Everyone sees AICHe and thinks, 'they are just engineers; we will kill them.' But that isn't going to happen this year."

IT'S INTRAMURAL TIME!

By Nick Shish - Social/Athletic



Hey everyone! Intramurals are going as well as ever! The men's football team finished 4-0 and is in

the playoffs. The women's football team finished 2-2 and is in the playoffs.

The soccer team finished the regular season at 2-1 and is awaiting the playoffs. AICHe softball finished 3-1, but due to rainouts, we missed our first playoff game. Flag Football playoffs started this week, so come out and cheer them on!

AICHe Volleyball is 1-0, coming off a strong win that featured five girls and a

very lucky Mike Priscal. Here is the schedule of the remaining games:

Game 3: Mon., Nov. 8 @ 10:30 pm, E. Gym Ct. 13

Game 4: Mon., Nov. 15 @ 9:00pm, E. Gym Ct. 13

If you're interested in playing, come out to one of the games!

YOUR HOROSCOPES



By Lloyd Schumner Sr.
Retired Machinist and
A.A.P.B.-Certified Astrologer

Aries: (March 21—April 19)
The forecast for your immediate vicinity is partly cloudy, which will provide a welcome relief from the tiny thunderstorm that's been following you around.

Taurus: (April. 20—May 20)
A judge once said he couldn't define pornography, but he knew it when he saw it. That's how you feel about paella.

Gemini: (May 21—June 21)
You're well on your way to setting a world record for receiving the world's longest lap dance, but it's been interfering with your work as an airline pilot.

Cancer: (June 22—July 22)
If you've ever wanted to tour the world while being held against your will in a container ship, this is your lucky week.

Leo: (July 23—Aug. 22)
You've often wondered who's responsible for all this messed-up stuff, but that will change Thursday, when you're hired to assist the Director of All This Messed-up Stuff.

Virgo: (Aug. 23—Sept. 22)
Most solid objects are actually composed of the spaces between the subatomic particles. Then there's your gigantic fat ass.

Libra: (Sept. 23—Oct. 23)
Strangely enough, the only people who remember seeing you at the scene are the eccentric professor, the lovely blonde reporter, the recently thawed caveman, and the hapless politician.

Scorpio: (Oct. 24—Nov. 21)
Nothing can stop you now, but that's a natural consequence of your not trying to do much of anything.

Sagittarius: (Nov. 22—Dec. 21)
The world's vulcanologists would appreciate it if you'd stop trying to take credit for anything and everything that happens at Mount St. Helens.

Capricorn: (Dec. 22—Jan. 19)
You'll survive the incident, but for the rest of your life, you'll be paralyzed with fear at the sight of cumulus clouds, blueberry pancakes, and hockey great Bobby Orr.

Aquarius: (Jan. 20—Feb. 18)
You'll be a free man when the judge and jury are forced to agree that the goat had indeed dressed in a provocative manner.

Pisces: (Feb. 19—March 20)
Your career in immigration law is progressing satisfactorily, but you're still eons away from Martian citizenship.

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EXECUTIVE ADVICE

Homer Simpson On Life

"It takes two to lie. One to lie and one to listen."

"How is education supposed to make me feel smarter? Besides, every time I learn something new, it pushes some old stuff out of my brain. Remember when I took that home winemaking course, and I forgot how to drive?"

"Kids, you tried your best and you failed miserably. The lesson is, never try."

"The three little sentences that will get you through life. One: Cover for me. Two: Oh, good idea, Boss! Three: It was like that when I got here."

"The answer to life's problem aren't at the bottom of a bottle, they're on TV!"



Brandyn Feller, the AIChE Secretary, shares his words of wisdom on interviewing.

That's right seniors; we've reached that point in our undergraduate careers where we must put our game faces on and start taking on the recruiters of America's corporations. Please stop reading now if you are one of those masochistic souls that are considering graduate studies in Chemical Engineering as a suitable passage of the next few years of their lives. The contents of this article will not help you. For the rest of you, I have some words of wisdom that I have gathered in my extensive interview experience throughout the course of this semester.

Patented answers to tough interview questions:

1. Can you tell me about a time where you showed leadership skills?
 - "I once played tennis, and I won. I led the entire match."
2. Can you name a time when you were accomplishing a task and inadvertently accomplished another task accidentally?
 - This is a question where the interviewer is undoubtedly looking for a fabrication. I would suggest something that is both amazing and completely untraceable. For example, "I was once in my basement, alone, (no witnesses for traceability) and while proving a widely-accepted calculus theorem to be incorrect, I also spontaneously created 2 kmols of heptane. Oddly enough, at that same instant, my mother was stricken with a sudden lack of heptane in her system to the magnitude of about 2 kmols. That day a calculus theorem fell, but my mother stood tall because of my brilliance."

Dress for success:

1. Always make sure that your shoes are tied in a symmetric and aesthetically pleasing knot. If your shoes do not have laces, duct tape a well tied knot on each shoe.
2. Underwear is always optional. Remember that, and the rest goes without saying.
3. For men, a bow tie is only acceptable when it has some sort of electronic component that allows it to light up and play a song (preferably "Luck be a lady" by Frank Sinatra)

Questions to ask your interviewer:

1. Why do you hate me?
 - This question shows the interviewer that you care about their feelings, and you are interested in making them happy (i.e. not hate you).
2. Is that a hairpiece you are wearing?
 - This question shows the interviewer that you are very perceptive and have a keen eye for the details.
3. Where do you live?
 - This question is helpful in the case that a job offer is not sent your way.

I hope you find these tips for the perfect interview helpful. Please remember to use them wisely, and by wisely, I mean not at all. Have fun and good luck getting jobs.

ON A FIRST NAME BASIS

Find your favorite Chemical Engineering Professors in the Word Search
Up, down, across, diagonal, and/or backwards.

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

Arvind	Chelsey	David	Doraiswami	Elias	Fabio
Gary	George	Gil	Gintaras	John	Joesph
Kendall	Martin	Michael	Osman	Rakesh	Sangtae

What is the first name of Professor Venkatasubramanian?

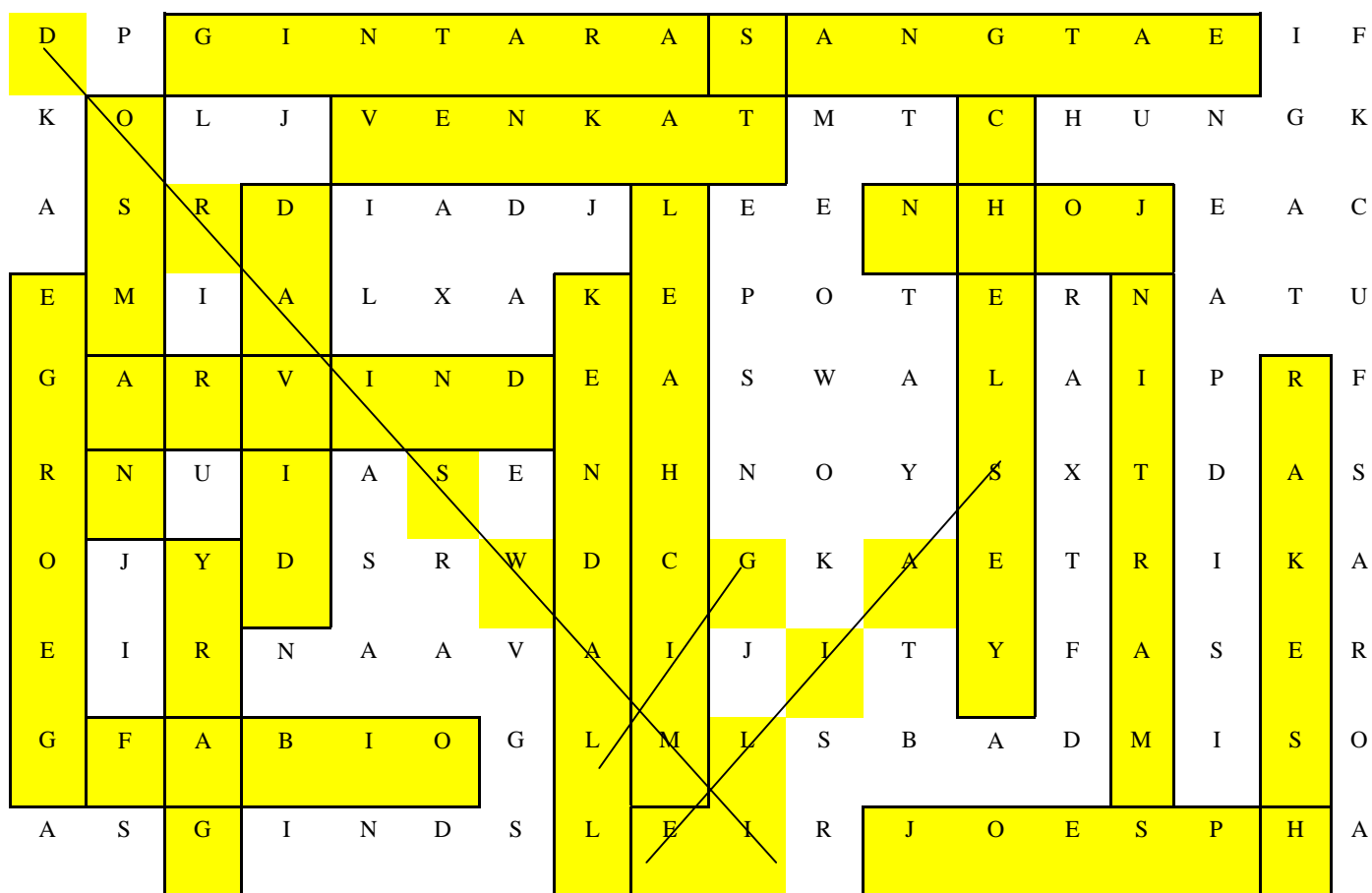
Solutions to Liz Tocce's Favorite Movie Quotes, pg 1

(all are from 80's movies)

1. The paperboy in *Better off Dead*
2. Barf in *Spaceballs*
3. Sloth in *The Goonies*
4. Coach Dale in *Hoosiers*
5. Sally in *When Harry Met Sally*
6. Ralphie's mother, school teacher, and Santa in *A Christmas Story*
7. Ted in *Bill & Ted's Excellent Adventure*
8. Lloyd in *Say Anything*
9. Grace in *Ferris Bueller's Day Off*
10. Duk Dong in *Sixteen Candles*
11. Tree trimmer in *Better off Dead*

Solution to Word Search, pg 7

What is the first name of Professor Venkatasubramanian? VENKAT



Solution to CHME-quip, pg 2

“THAT’S AN ORIGINAL ‘M.T. HARRIS’ PROBLEM.....SOMEONE

HAS PROBABLY USED IT BEFORE.”

- ‘THUNDER’ HARRIS



Check us out!
<https://engineering.purdue.edu/aiche>